

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136140.D
 Acq On : 04 Nov 2023 11:03
 Operator : CG\JU
 Sample : PB156876BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB156876BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023

Quant Time: Nov 06 00:58:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

1) 1,4-Dichlorobenzene-d4	6.822	152	92423	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	371314	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	195696	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	352417	20.000	ng	0.00
76) Chrysene-d12	14.010	240	169738	20.000	ng	0.00
86) Perylene-d12	15.492	264	179182	20.000	ng	0.00

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ahmed

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System Monitoring Compounds

5) 2-Fluorophenol	5.457	112	717626	122.013	ng	0.01
7) Phenol-d6	6.457	99	882174	120.383	ng	0.00
23) Nitrobenzene-d5	7.386	82	534065	86.705	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	276512	132.378	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1031664	84.037	ng	0.00
79) Terphenyl-d14	12.951	244	1071666	98.116	ng	0.00

Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.646	88	94955	37.076	ng	99
3) Pyridine	3.398	79	209188	29.924	ng	96
4) n-Nitrosodimethylamine	3.363	42	122182	41.803	ng	88
6) Aniline	6.481	93	299924	31.612	ng	97
8) 2-Chlorophenol	6.604	128	279238	44.408	ng	99
9) Benzaldehyde	6.369	77	89851	21.989	ng	95
10) Phenol	6.469	94	334301	44.106	ng	89
11) bis(2-Chloroethyl)ether	6.563	93	250592	42.232	ng	98
12) 1,3-Dichlorobenzene	6.763	146	286165	43.726	ng	98
13) 1,4-Dichlorobenzene	6.839	146	294672	44.928	ng	98
14) 1,2-Dichlorobenzene	6.986	146	279392	45.557	ng	96
15) Benzyl Alcohol	6.963	79	228724	44.019	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	340316	41.668	ng	99
17) 2-Methylphenol	7.075	107	215627	40.422	ng	97
18) Hexachloroethane	7.328	117	105339	45.696	ng	99
19) n-Nitroso-di-n-propyla...	7.239	70	178149	42.547	ng	99
20) 3+4-Methylphenols	7.228	107	264986	40.737	ng	98
22) Acetophenone	7.234	105	369939	44.930	ng	96
24) Nitrobenzene	7.404	77	272088	43.670	ng	95
25) Isophorone	7.639	82	499283	42.936	ng	99
26) 2-Nitrophenol	7.716	139	138401	48.687	ng	90
27) 2,4-Dimethylphenol	7.757	122	239138	44.518	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	300921	42.235	ng	99
29) 2,4-Dichlorophenol	7.957	162	224420	44.316	ng	96
30) 1,2,4-Trichlorobenzene	8.039	180	250022	45.258	ng	98
31) Naphthalene	8.122	128	771858	43.107	ng	99
32) Benzoic acid	7.875	122	170244	40.461	ng	98
33) 4-Chloroaniline	8.169	127	232671	29.672	ng	98
34) Hexachlorobutadiene	8.239	225	147451	46.542	ng	100
35) Caprolactam	8.545	113	74017m	44.951	ng	
36) 4-Chloro-3-methylphenol	8.651	107	241258	45.379	ng	95
37) 2-Methylnaphthalene	8.816	142	504543	42.024	ng	99
38) 1-Methylnaphthalene	8.916	142	473565	42.385	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	239192	42.858	ng	99
41) Hexachlorocyclopentadiene	8.969	237	282021	94.585	ng	97
43) 2,4,6-Trichlorophenol	9.092	196	157789	43.361	ng	98

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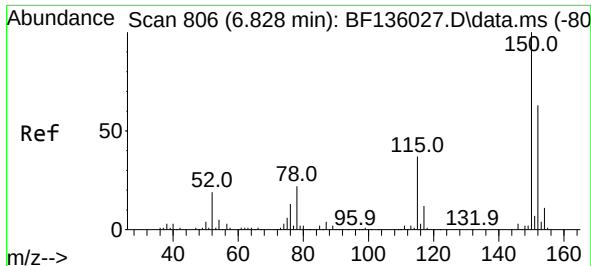
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.139	196	173886	41.251	ng	99	11/06/2023
46) 1,1'-Biphenyl	9.280	154	641959	43.032	ng	99	Supervised By :mohammad
47) 2-Chloronaphthalene	9.304	162	483079	43.926	ng	98	ahmed
48) 2-Nitroaniline	9.404	65	150430	46.219	ng	94	
49) Acenaphthylene	9.722	152	737645	42.995	ng	99	
50) Dimethylphthalate	9.586	163	574501	44.506	ng	100	
51) 2,6-Dinitrotoluene	9.645	165	127613	46.223	ng	92	11/07/2023
52) Acenaphthene	9.892	154	474357	43.492	ng	100	
53) 3-Nitroaniline	9.816	138	119760	37.176	ng	97	
54) 2,4-Dinitrophenol	9.922	184	124459	82.861	ng	88	
55) Dibenzofuran	10.069	168	681777	42.869	ng	97	
56) 4-Nitrophenol	9.975	139	207839	86.253	ng	# 78	
57) 2,4-Dinitrotoluene	10.051	165	169276	48.460	ng	97	
58) Fluorene	10.410	166	523523	43.966	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.180	232	146472m	43.706	ng		
60) Diethylphthalate	10.292	149	595124	48.252	ng	99	
61) 4-Chlorophenyl-phenyle...	10.404	204	259425	43.646	ng	94	
62) 4-Nitroaniline	10.433	138	128543	41.439	ng	94	
63) Azobenzene	10.569	77	510533	42.981	ng	96	
65) 4,6-Dinitro-2-methylph...	10.457	198	88878	46.152	ng	86	
66) n-Nitrosodiphenylamine	10.527	169	471052	44.309	ng	98	
67) 4-Bromophenyl-phenylether	10.898	248	164277	44.461	ng	94	
68) Hexachlorobenzene	10.957	284	186426	47.242	ng	# 91	
69) Atrazine	11.051	200	104601	36.163	ng	96	
70) Pentachlorophenol	11.157	266	200654	79.175	ng	98	
71) Phenanthrene	11.374	178	790408	44.544	ng	100	
72) Anthracene	11.427	178	803159	44.172	ng	100	
73) Carbazole	11.586	167	683961	43.288	ng	98	
74) Di-n-butylphthalate	11.921	149	799850	44.302	ng	99	
75) Fluoranthene	12.568	202	755672	41.455	ng	98	
77) Benzidine	12.698	184	184628	55.807	ng	98	
78) Pyrene	12.798	202	750383	50.143	ng	100	
80) Butylbenzylphthalate	13.433	149	239855	44.776	ng	96	
81) Benzo(a)anthracene	13.998	228	495122	44.061	ng	100	
82) 3,3'-Dichlorobenzidine	13.962	252	160244	44.679	ng	99	
83) Chrysene	14.033	228	467751	42.267	ng	99	
84) Bis(2-ethylhexyl)phtha...	13.998	149	264320	42.353	ng	# 97	
85) Di-n-octyl phthalate	14.621	149	400174	42.803	ng	99	
87) Indeno(1,2,3-cd)pyrene	17.009	276	612658	52.317	ng	97	
88) Benzo(b)fluoranthene	15.057	252	487383	45.969	ng	99	
89) Benzo(k)fluoranthene	15.086	252	432774	41.253	ng	99	
90) Benzo(a)pyrene	15.433	252	421799	42.816	ng	98	
91) Dibenzo(a,h)anthracene	17.033	278	504249	52.567	ng	99	
92) Benzo(g,h,i)perylene	17.474	276	510147	46.789	ng	97	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

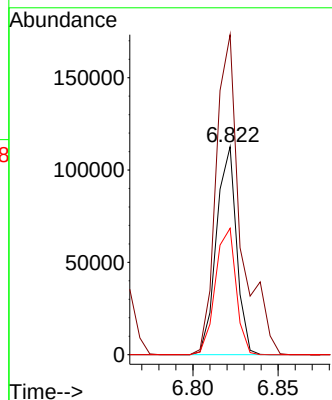
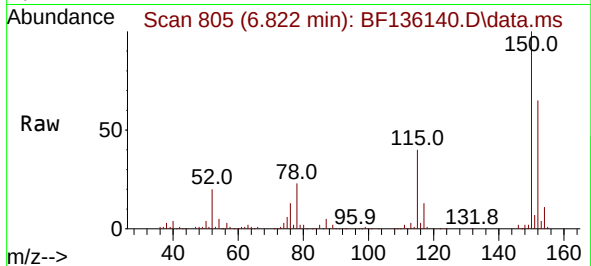
ClientSampleId :

PB156876BS

Tgt Ion:152 Resp: 9242
Ion Ratio Lower Upper
152 100
150 153.9 126.4 189.6
115 60.8 47.0 70.4

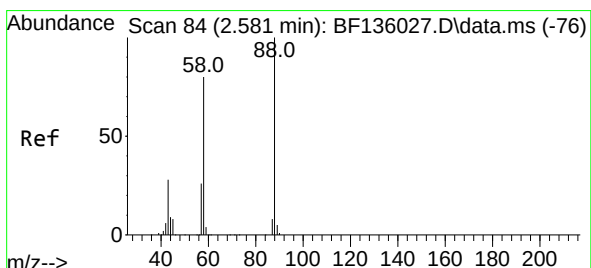
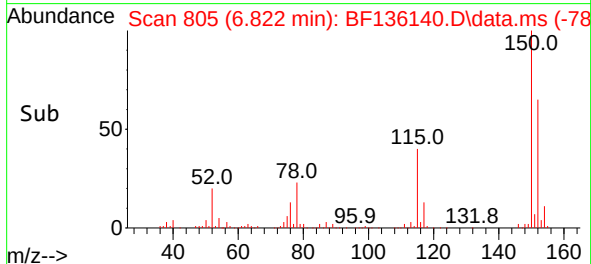
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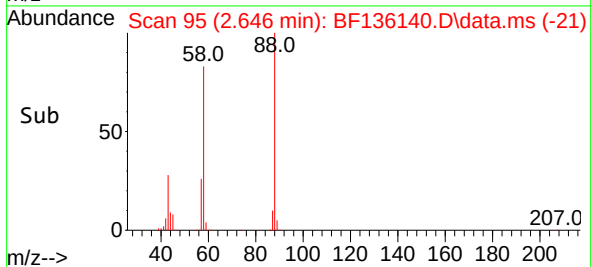
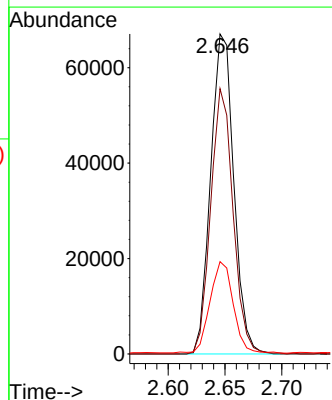
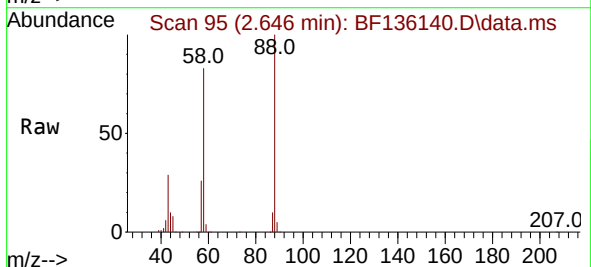
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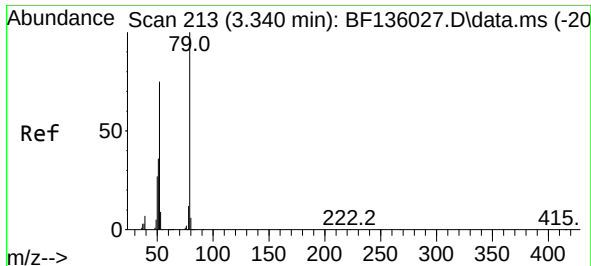
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#2
1,4-Dioxane
Concen: 37.076 ng
RT: 2.646 min Scan# 95
Delta R.T. 0.082 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

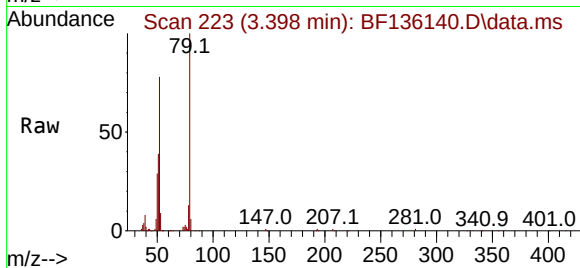
Tgt Ion: 88 Resp: 94955
Ion Ratio Lower Upper
88 100
58 80.3 64.3 96.5
43 29.1 22.3 33.5





#3
Pyridine
Concen: 29.924 ng
RT: 3.398 min Scan# 213
Delta R.T. 0.076 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

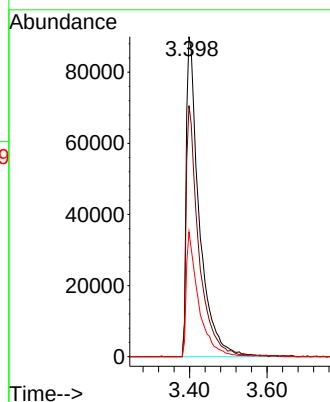
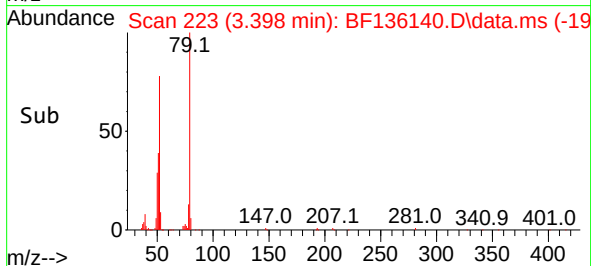
Instrument :
BNA_F
ClientSampleId :
PB156876BS



Tgt Ion: 79 Resp: 209188
Ion Ratio Lower Upper
79 100
52 78.4 60.3 90.5
51 39.0 29.3 43.9

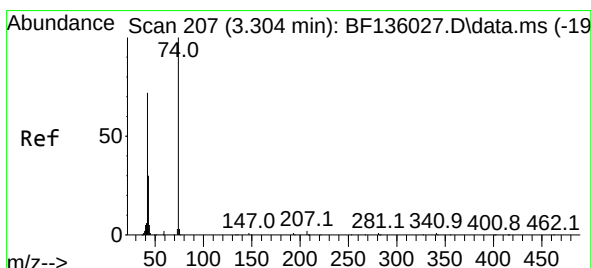
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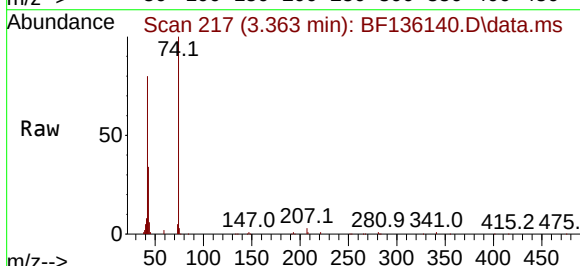


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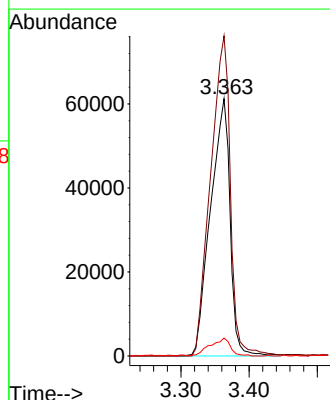
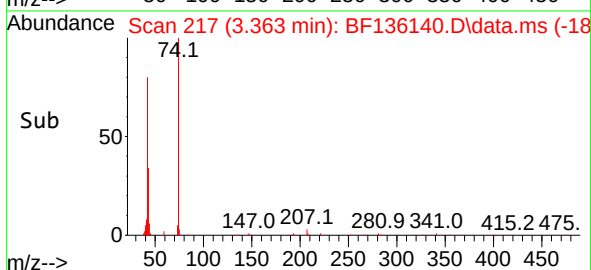
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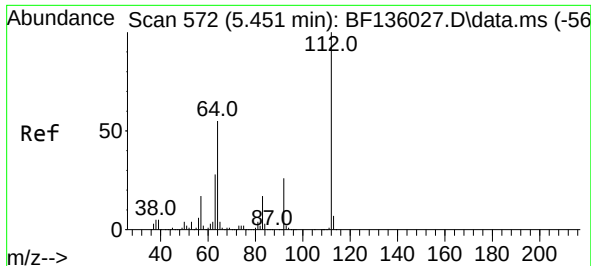


#4
n-Nitrosodimethylamine
Concen: 41.803 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.071 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



Tgt Ion: 42 Resp: 122182
Ion Ratio Lower Upper
42 100
74 124.4 111.8 167.6
44 6.9 6.2 9.4





#5
2-Fluorophenol
Concen: 122.013 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

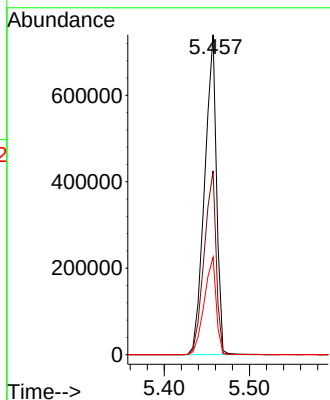
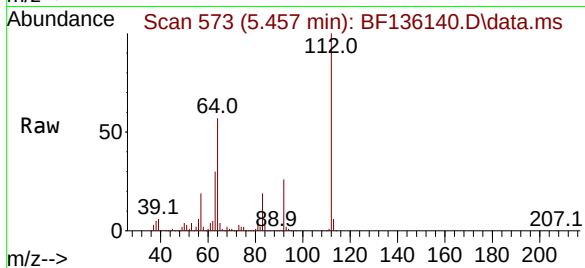
ClientSampleId :

PB156876BS

Tgt Ion:112 Resp: 717620
Ion Ratio Lower Upper
112 100
64 57.5 43.9 65.9
63 30.5 22.4 33.6

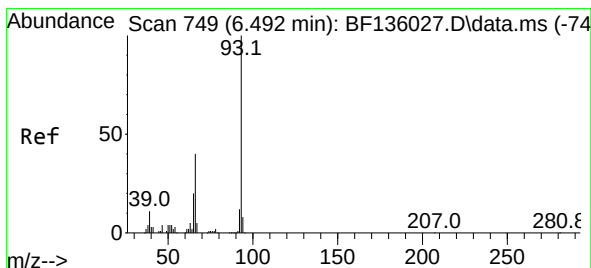
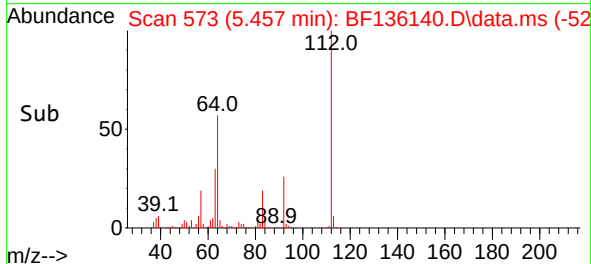
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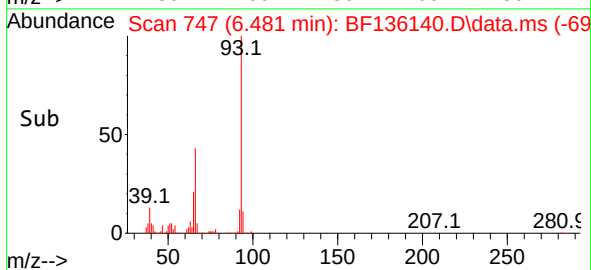
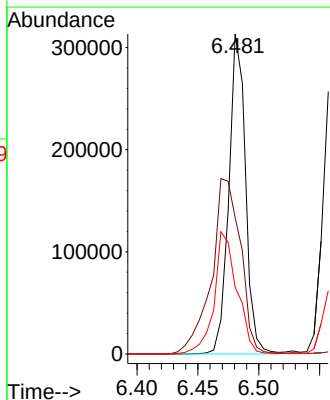
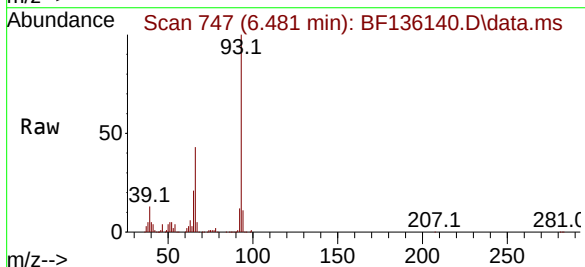
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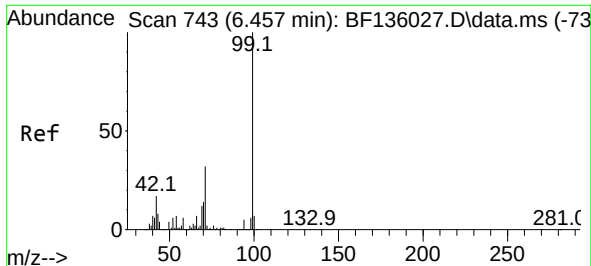
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#6
Aniline
Concen: 31.612 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

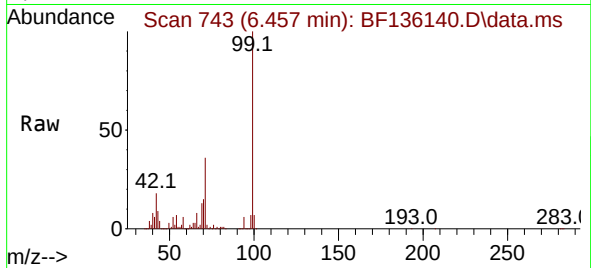
Tgt Ion: 93 Resp: 299924
Ion Ratio Lower Upper
93 100
66 42.6 32.4 48.6
65 20.8 16.2 24.2





#7
Phenol-d6
Concen: 120.383 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

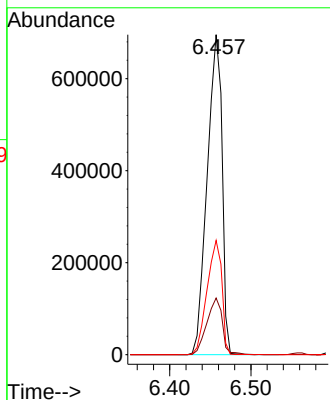
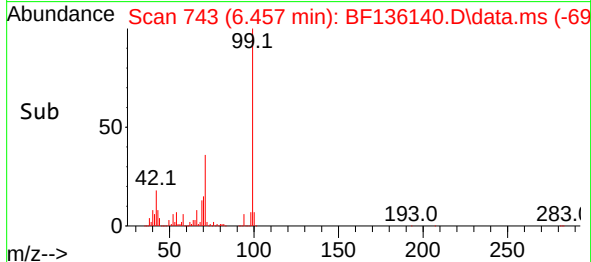
Instrument :
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Tgt Ion: 99 Resp: 882174
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 35.7 25.9 38.9

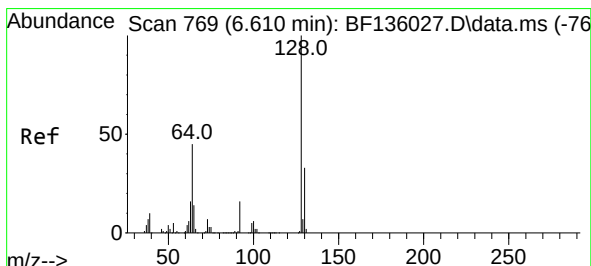
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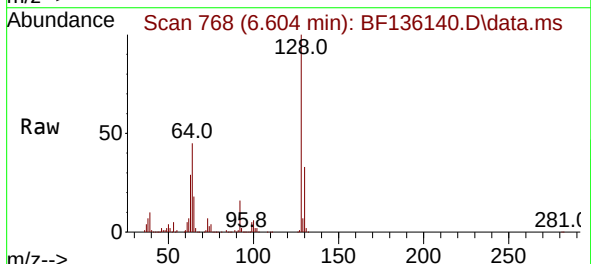


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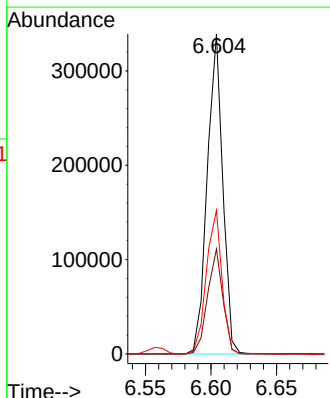
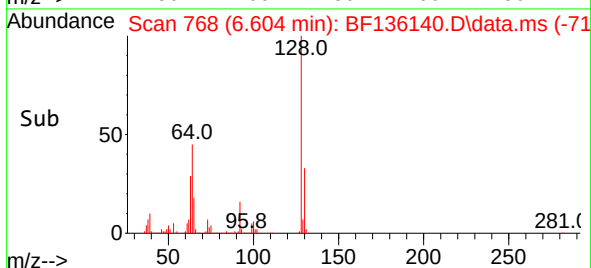
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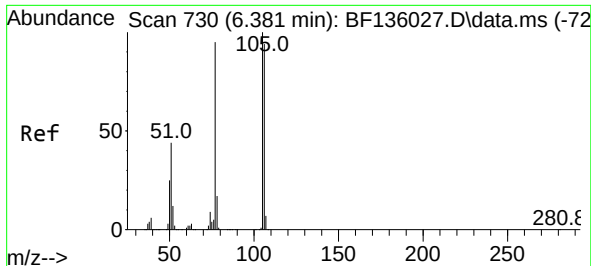


#8
2-Chlorophenol
Concen: 44.408 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



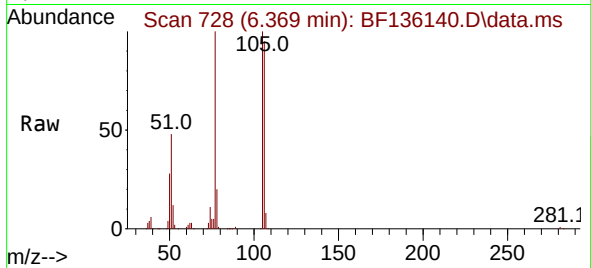
Tgt Ion:128 Resp: 279238
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 44.8 25.8 65.8





#9
Benzaldehyde
Concen: 21.989 ng
RT: 6.369 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

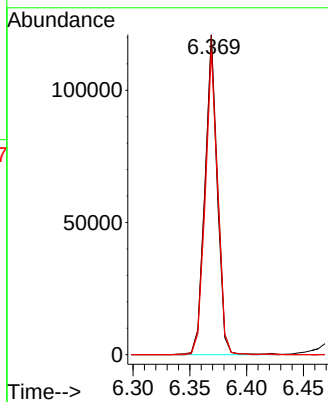
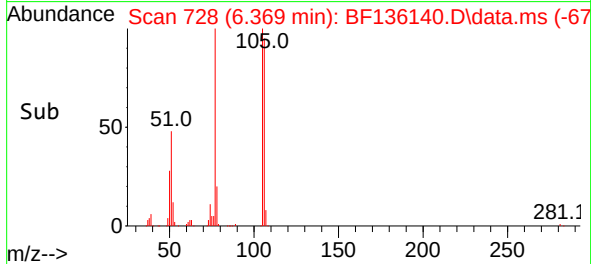
Instrument :
BNA_F
ClientSampleId :
PB156876BS



Tgt Ion: 77 Resp: 8985
Ion Ratio Lower Upper
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105 100.3 85.7 125.7
106 95.0 79.8 119.8

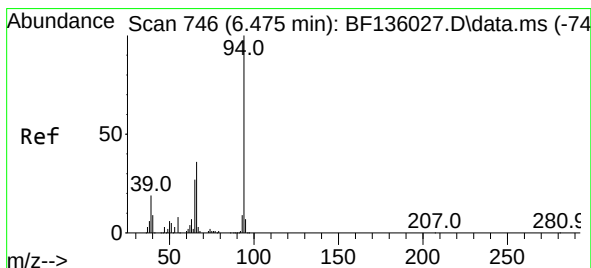
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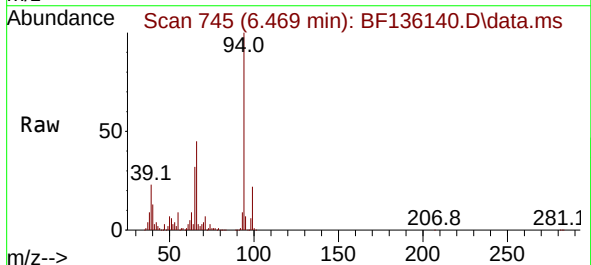


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ahmed

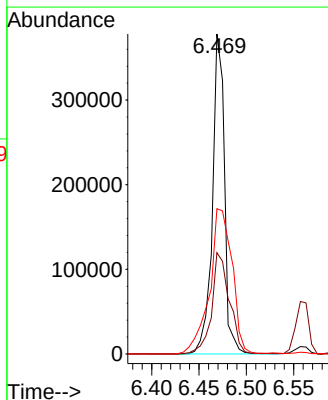
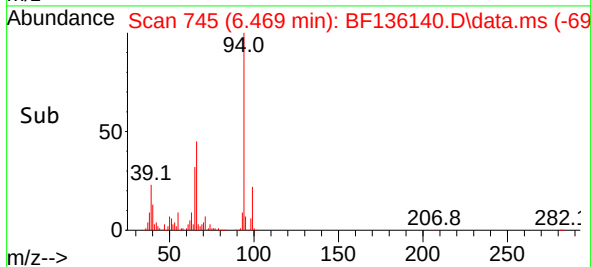
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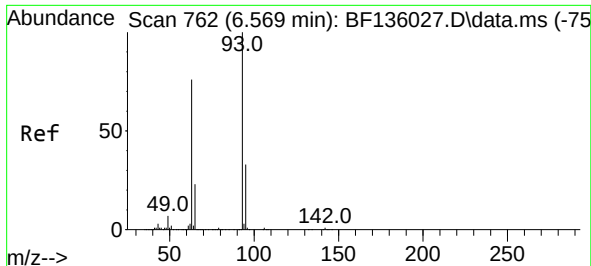


#10
Phenol
Concen: 44.106 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



Tgt Ion: 94 Resp: 334301
Ion Ratio Lower Upper
94 100
65 31.7 7.5 47.5
66 45.4 17.1 57.1





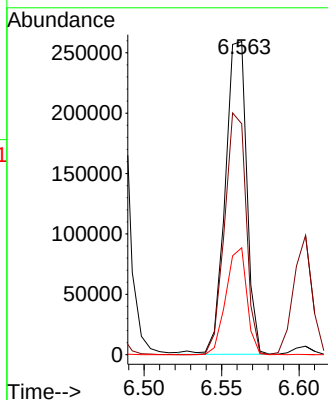
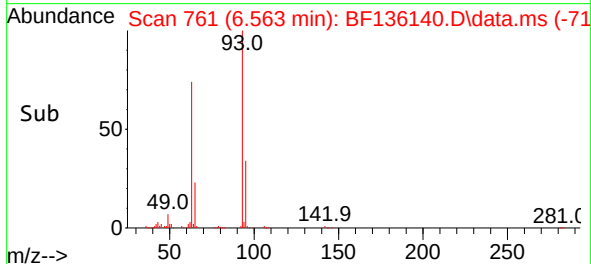
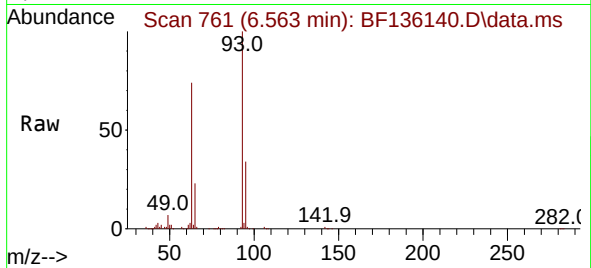
#11
bis(2-Chloroethyl)ether
Concen: 42.232 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :
BNA_F
ClientSampleId :
PB156876BS

Tgt Ion: 93 Resp: 250592
Ion Ratio Lower Upper
93 100
63 73.7 55.8 95.8
95 34.1 12.9 52.9

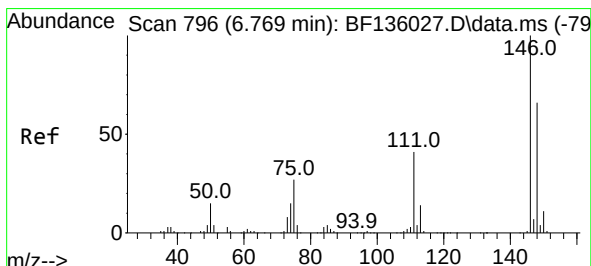
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Supervised By :mohammad ahmed 11/07/2023



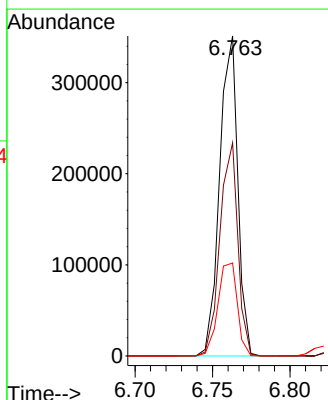
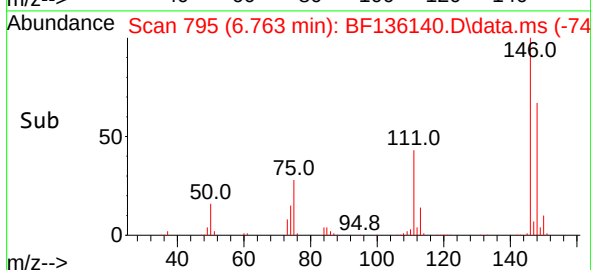
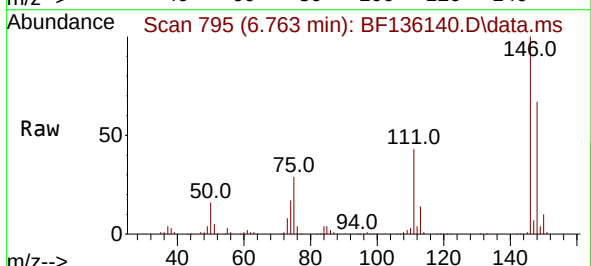
11/06/2023
Supervised By :mohammad
ahmed

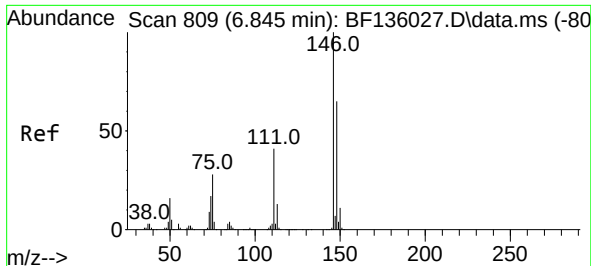
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#12
1,3-Dichlorobenzene
Concen: 43.726 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

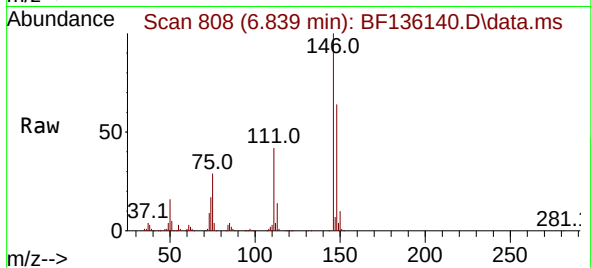
Tgt Ion:146 Resp: 286165
Ion Ratio Lower Upper
146 100
148 66.6 52.6 78.8
75 29.1 21.6 32.4





#13
1,4-Dichlorobenzene
Concen: 44.928 ng
RT: 6.839 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

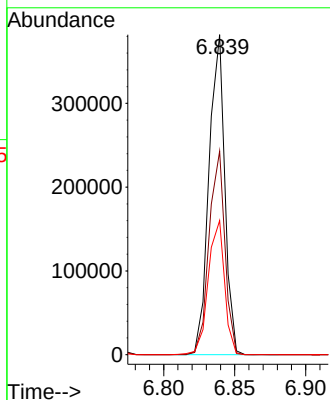
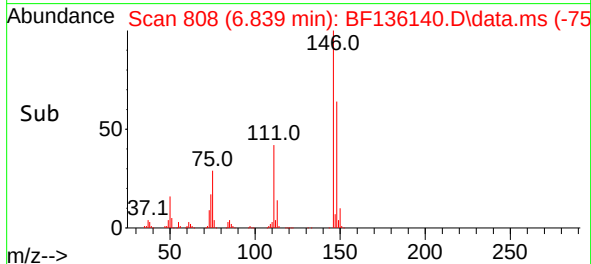
Instrument :
BNA_F
ClientSampleId :
PB156876BS



Tgt Ion:146 Resp: 294672
Ion Ratio Lower Upper
146 100
148 63.6 52.1 78.1
111 41.9 32.6 48.8

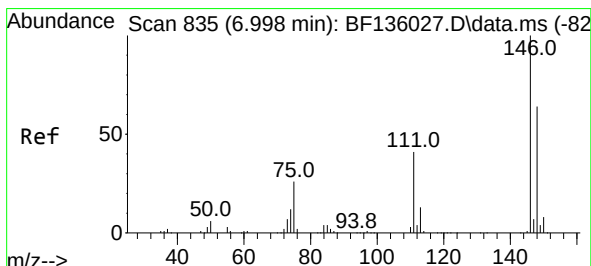
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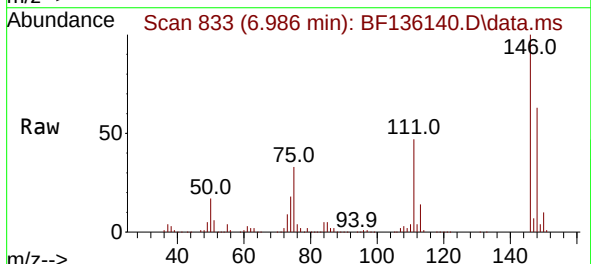


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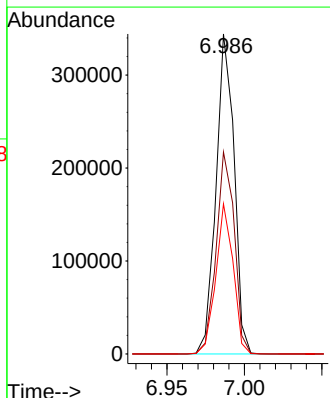
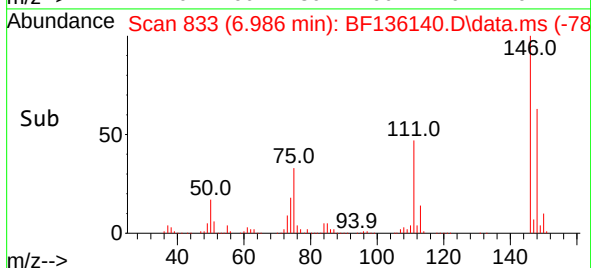
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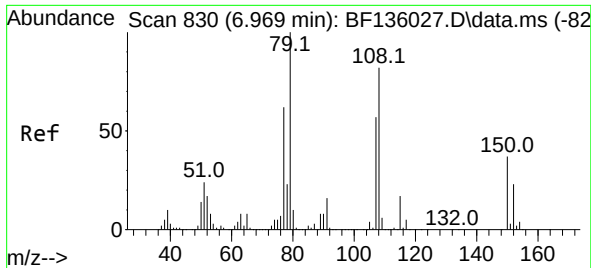


#14
1,2-Dichlorobenzene
Concen: 45.557 ng
RT: 6.986 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



Tgt Ion:146 Resp: 279392
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
111 46.9 33.0 49.4





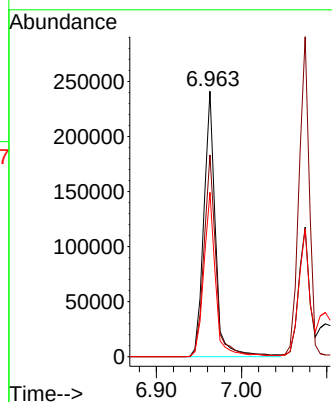
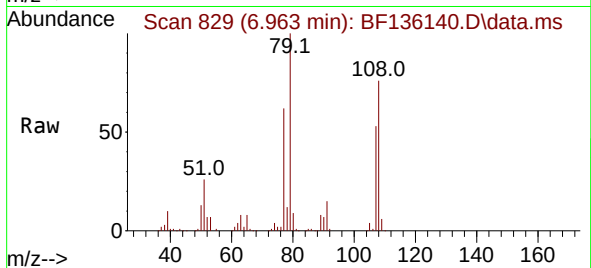
#15
Benzyl Alcohol
Concen: 44.019 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :
BNA_F
ClientSampleId :
PB156876BS

Tgt Ion: 79 Resp: 228724
Ion Ratio Lower Upper
79 100
108 76.0 65.9 98.9
77 61.9 49.4 74.2

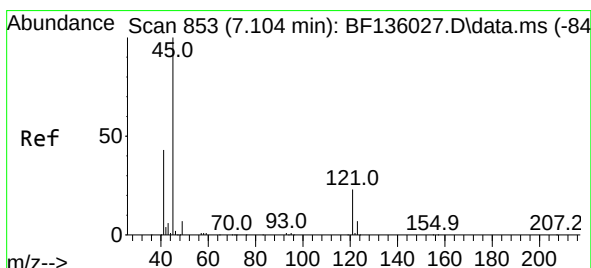
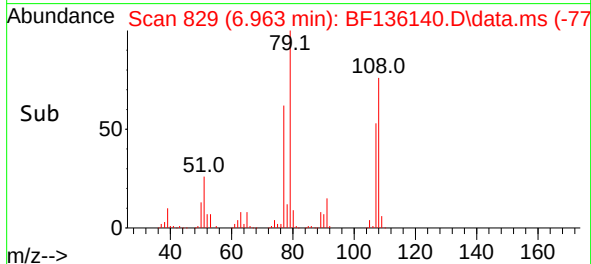
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Supervised By :mohammad ahmed 11/07/2023



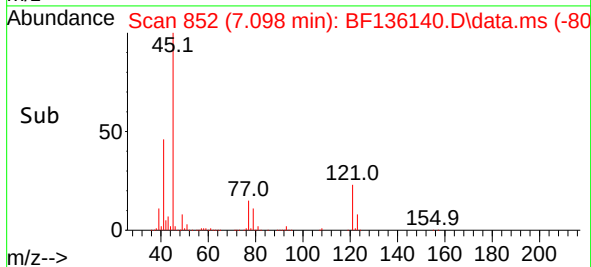
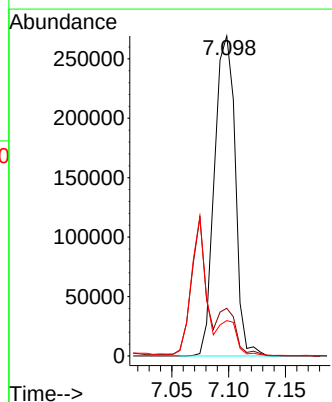
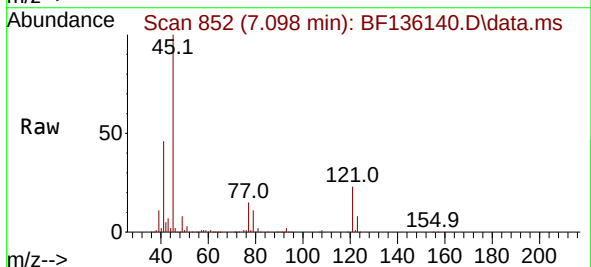
11/06/2023
Supervised By :mohammad
ahmed

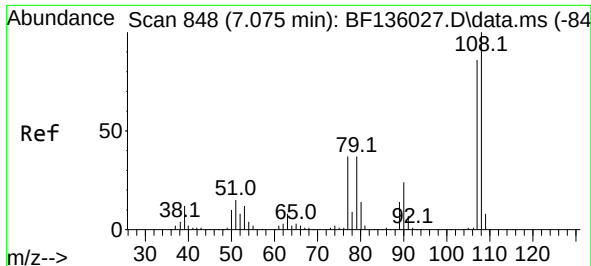
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.668 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

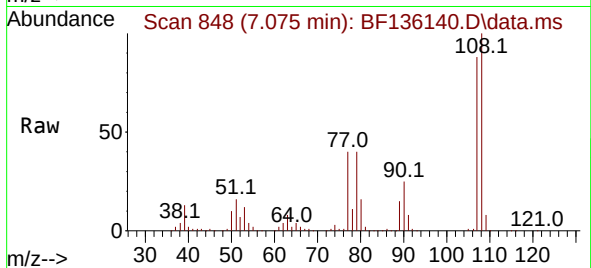
Tgt Ion: 45 Resp: 340316
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.6
79 11.0 0.0 30.6





#17
2-Methylphenol
Concen: 40.422 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

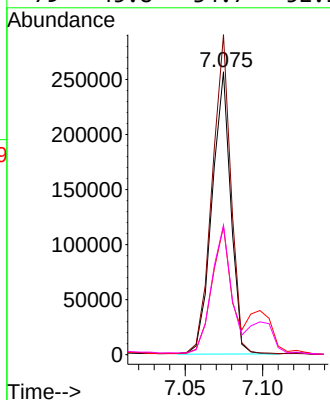
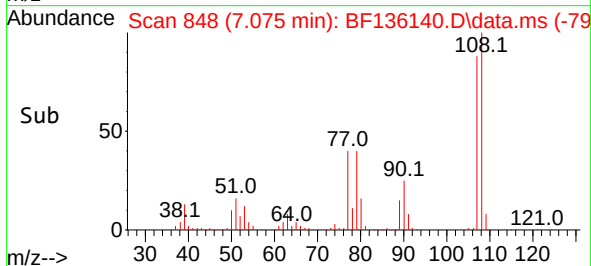
Instrument :
BNA_F
ClientSampleId :
PB156876BS



Tgt Ion:107 Resp: 21562
Ion Ratio Lower Upper
107 100
108 113.1 93.4 140.2
77 45.2 34.4 51.6
79 45.8 34.7 52.1

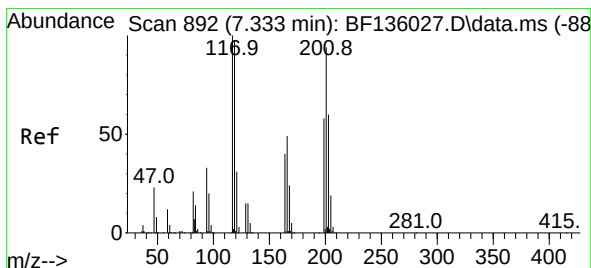
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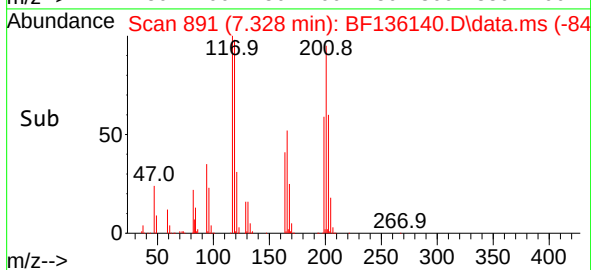
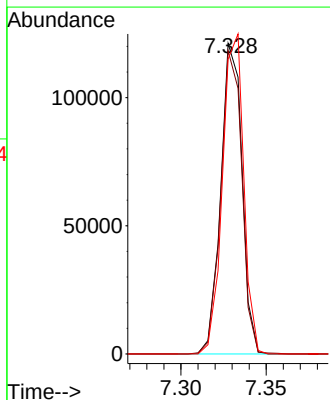
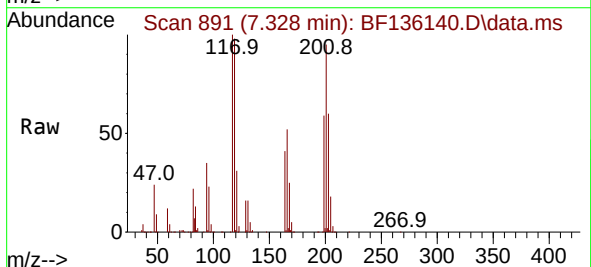
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ahmed

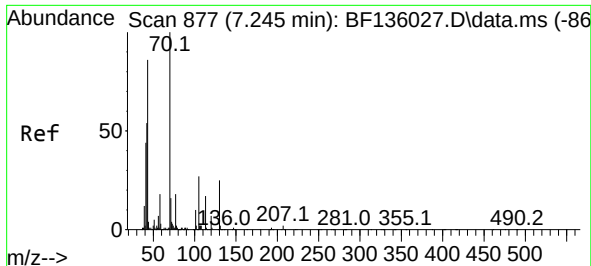
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#18
Hexachloroethane
Concen: 45.696 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion:117 Resp: 105339
Ion Ratio Lower Upper
117 100
119 97.6 77.7 116.5
201 94.9 75.0 112.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.547 ng

RT: 7.239 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF136140.D

Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS

Tgt Ion: 70 Resp: 178149

Ion Ratio Lower Upper

70 100

42 53.1 43.0 64.4

101 10.2 8.0 12.0

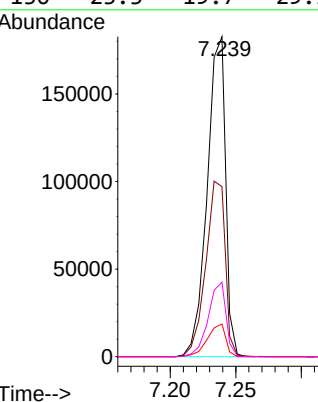
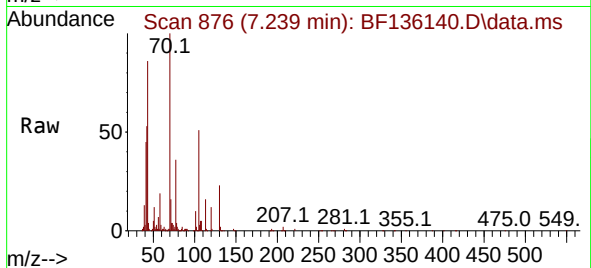
130 23.3 19.7 29.5

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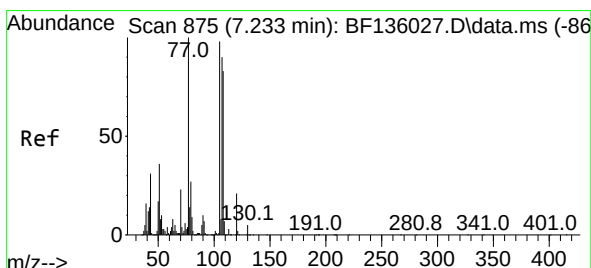
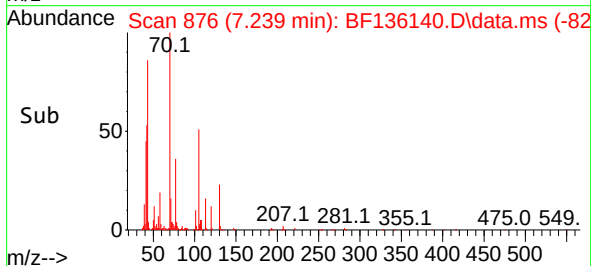
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ahmed

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#20

3+4-Methylphenols

Concen: 40.737 ng

RT: 7.228 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF136140.D

Acq: 04 Nov 2023 11:03

Tgt Ion:107 Resp: 264986

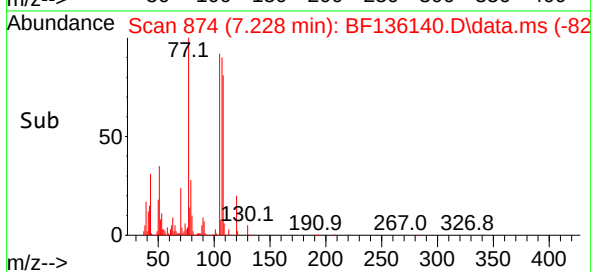
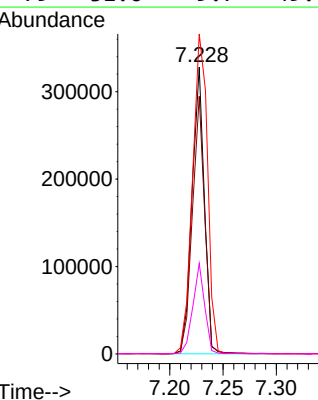
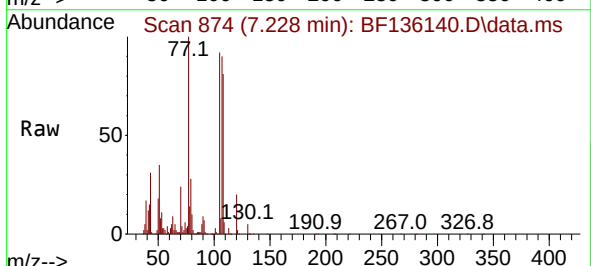
Ion Ratio Lower Upper

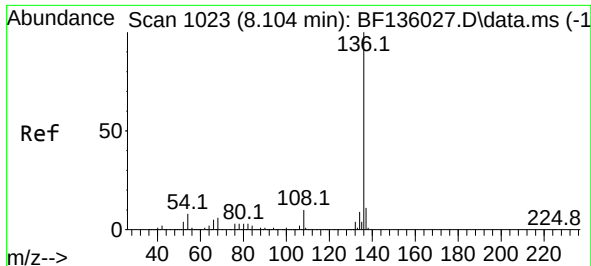
107 100

108 89.8 72.3 112.3

77 111.6 91.4 131.4

79 31.6 9.7 49.7





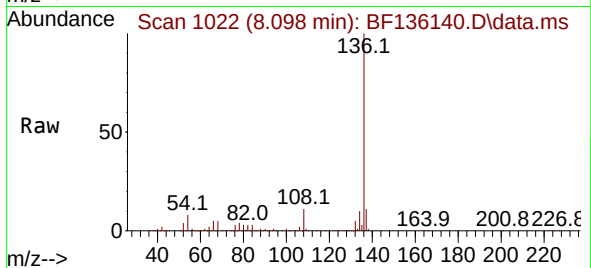
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS

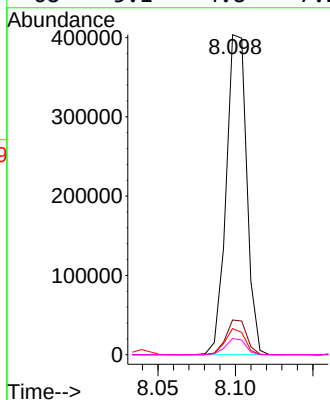
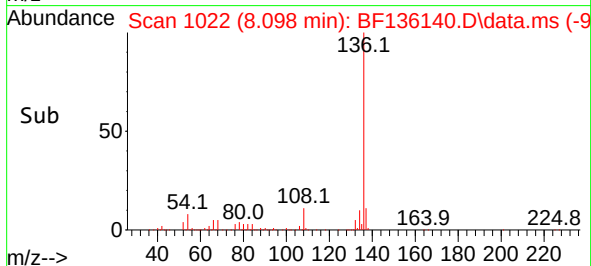


Tgt Ion:136 Resp: 371314
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 6.6 9.8
68 5.1 4.8 7.2

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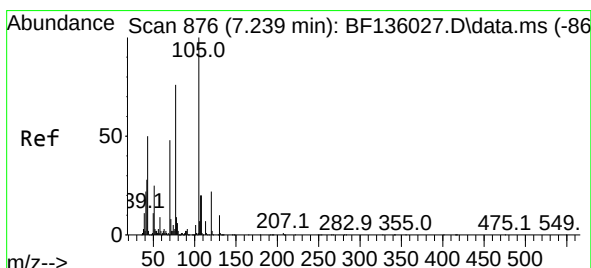
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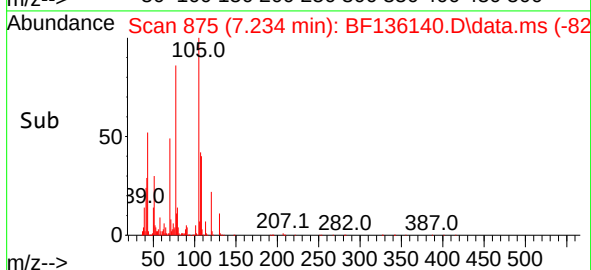
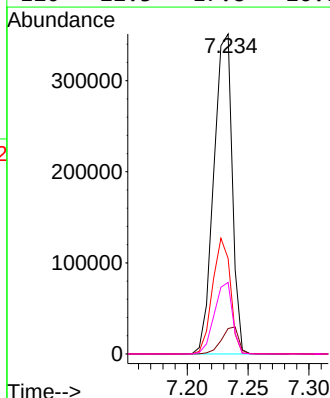
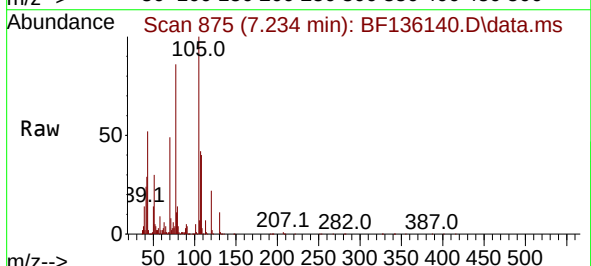
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ahmed

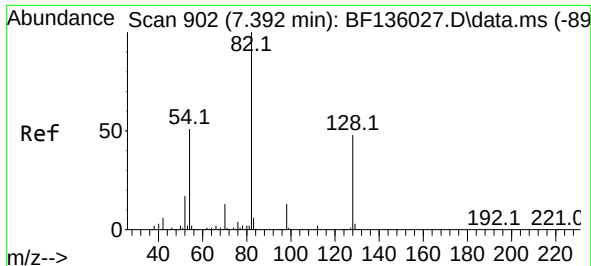
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#22
Acetophenone
Concen: 44.930 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion:105 Resp: 369939
Ion Ratio Lower Upper
105 100
71 7.9 6.5 9.7
51 29.9 20.3 30.5
120 22.3 17.8 26.8





#23

Nitrobenzene-d5

Concen: 86.705 ng

RT: 7.386 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF136140.D

Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS

Tgt Ion: 82 Resp: 53406

Ion Ratio Lower Upper

82 100

128 45.5 38.6 57.8

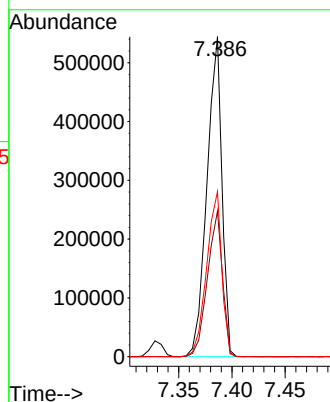
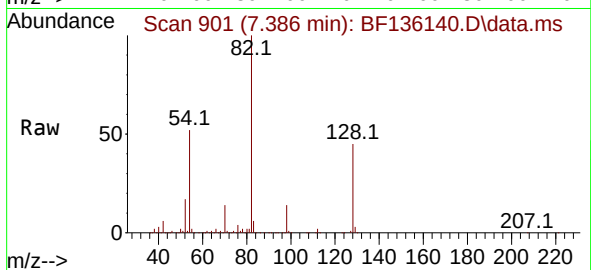
54 51.6 40.8 61.2

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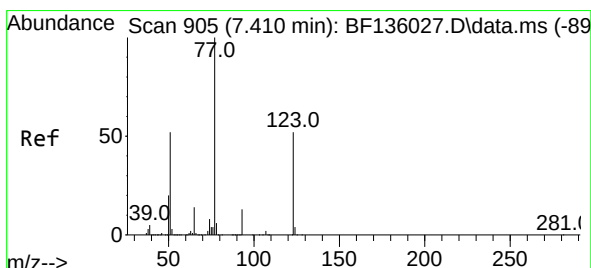
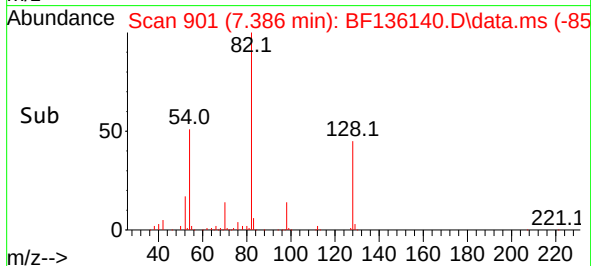
Supervised By :mohammad ahmed 11/07/2023



11/06/2023

Supervised By :mohammad
ahmed

11/07/2023



#24

Nitrobenzene

Concen: 43.670 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF136140.D

Acq: 04 Nov 2023 11:03

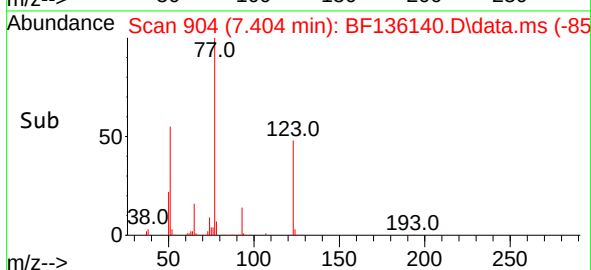
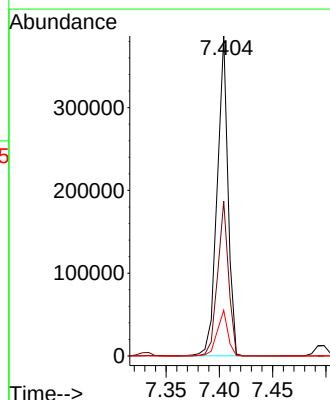
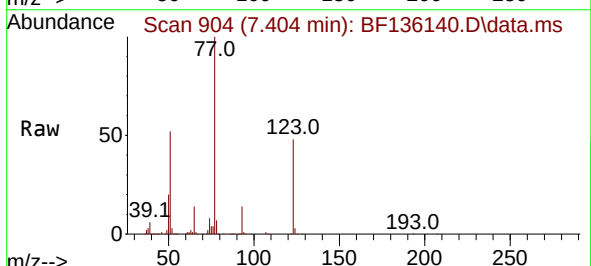
Tgt Ion: 77 Resp: 272088

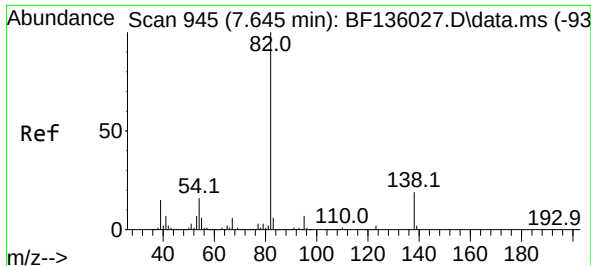
Ion Ratio Lower Upper

77 100

123 48.4 42.3 63.5

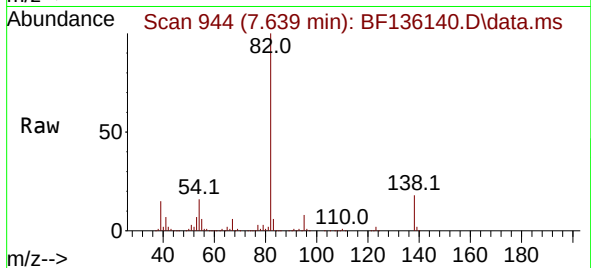
65 14.3 11.0 16.6





#25
Isophorone
Concen: 42.936 ng
RT: 7.639 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

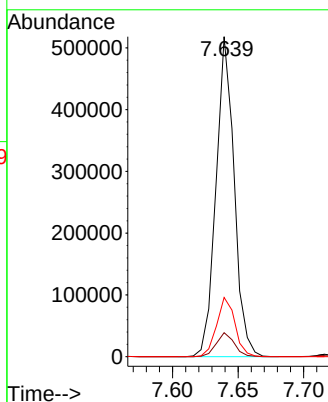
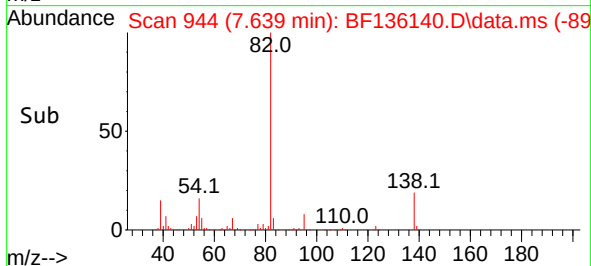
Instrument :
BNA_F
ClientSampleId :
PB156876BS



Tgt Ion: 82 Resp: 49928
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.5 15.3 22.9

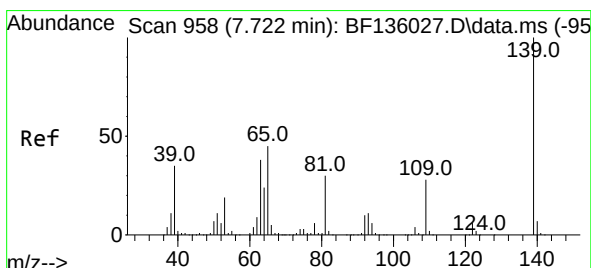
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Supervised By :mohammad ahmed 11/07/2023



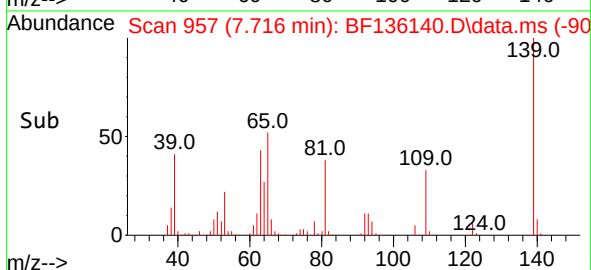
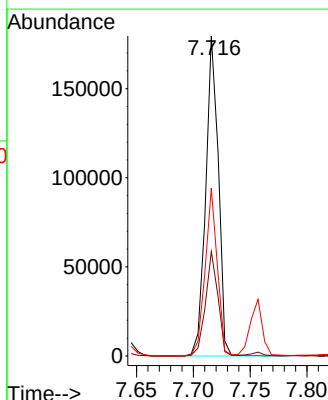
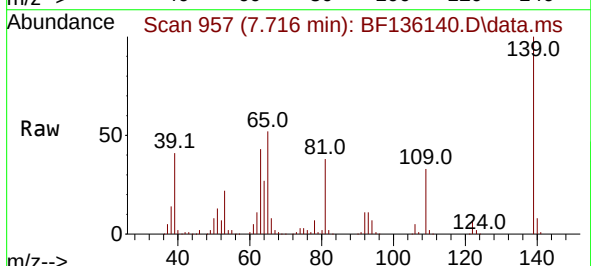
11/06/2023
Supervised By :mohammad
ahmed

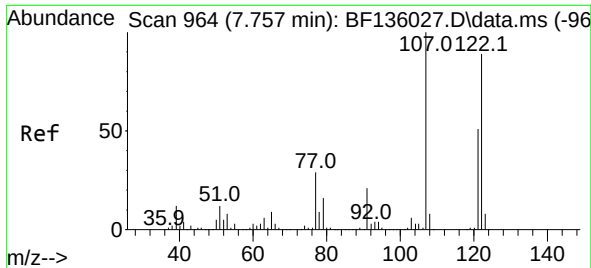
11/07/2023



#26
2-Nitrophenol
Concen: 48.687 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion:139 Resp: 138401
Ion Ratio Lower Upper
139 100
109 32.6 22.6 34.0
65 52.4 36.3 54.5





#27
2,4-Dimethylphenol
Concen: 44.518 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS

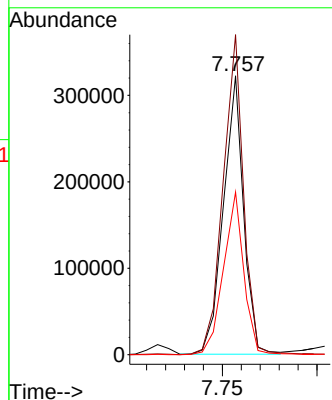
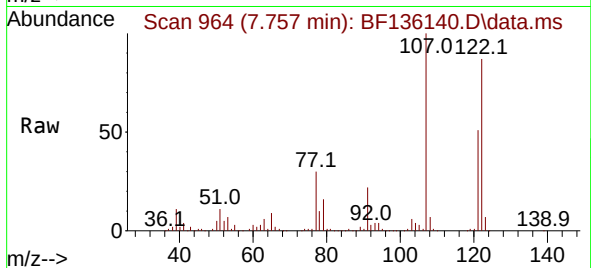
Tgt Ion:122 Resp: 239138
Ion Ratio Lower Upper
122 100
107 114.7 89.6 134.4
121 58.3 46.0 69.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2023

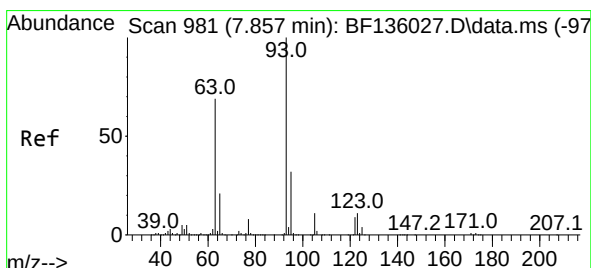
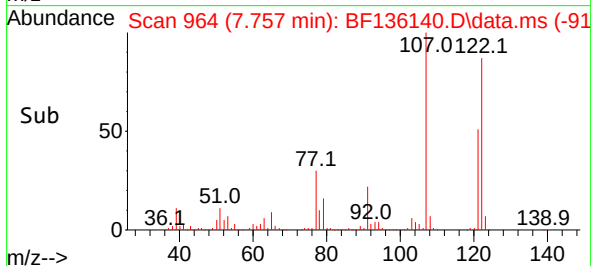
Supervised By :mohammad ahmed 11/07/2023



11/06/2023

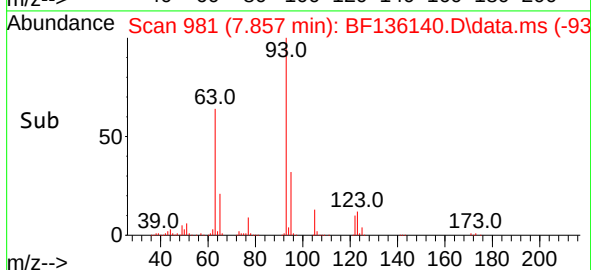
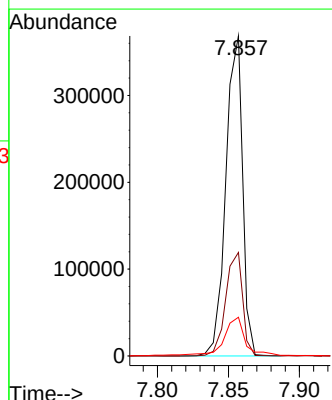
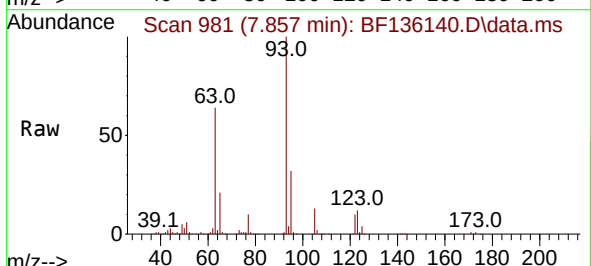
Supervised By :mohammad
ahmed

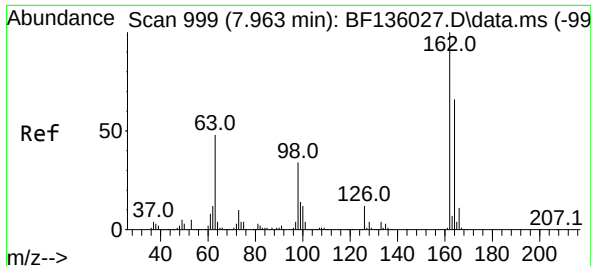
11/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.235 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion: 93 Resp: 300921
Ion Ratio Lower Upper
93 100
95 32.3 25.7 38.5
123 12.1 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 44.316 ng
RT: 7.957 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

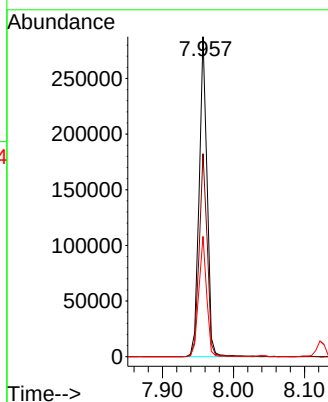
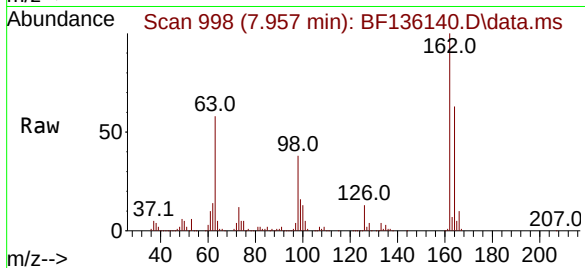
ClientSampleId :

PB156876BS

Tgt Ion:162 Resp: 224420
Ion Ratio Lower Upper
162 100
164 63.5 45.5 85.5
98 37.6 14.4 54.4

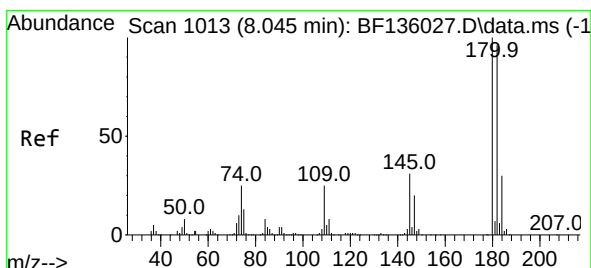
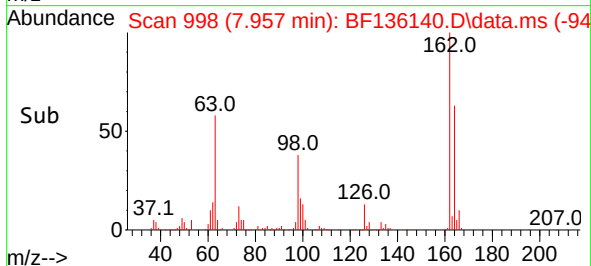
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Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



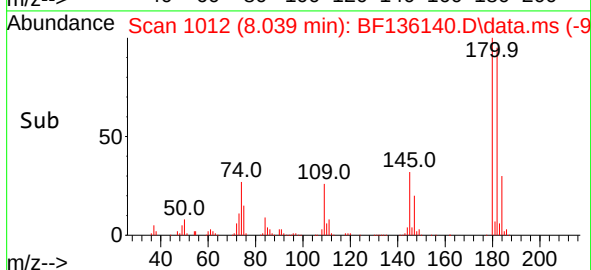
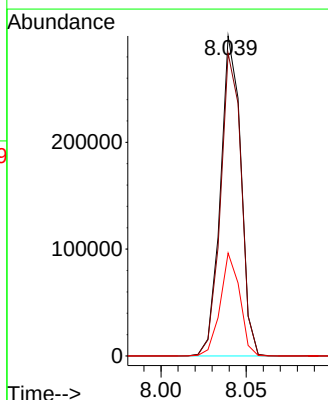
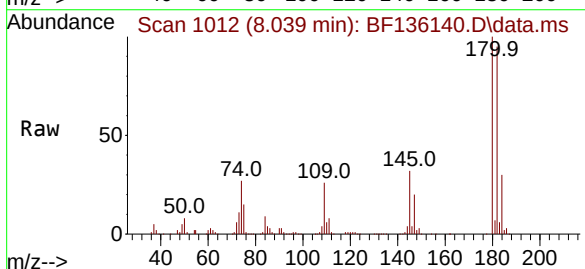
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Supervised By :mohammad
ahmed

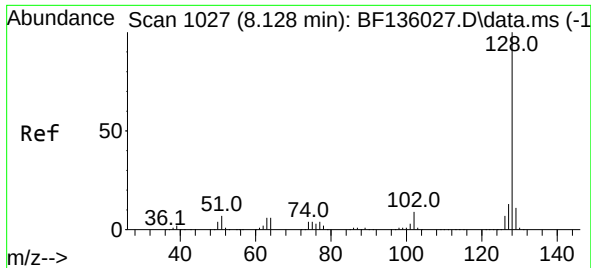
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#30
1,2,4-Trichlorobenzene
Concen: 45.258 ng
RT: 8.039 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion:180 Resp: 250022
Ion Ratio Lower Upper
180 100
182 94.6 76.9 115.3
145 32.2 24.7 37.1





#31
Naphthalene
Concen: 43.107 ng
RT: 8.122 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

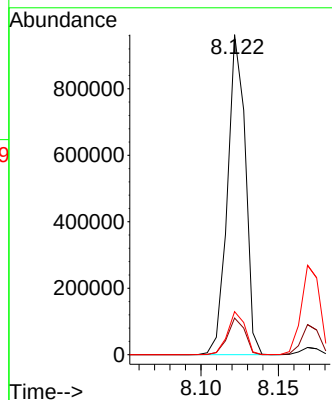
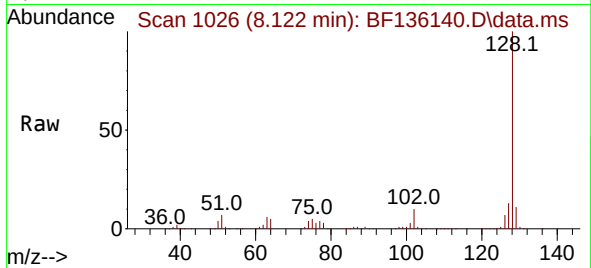
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Tgt Ion:128 Resp: 771858
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.5 10.5 15.7

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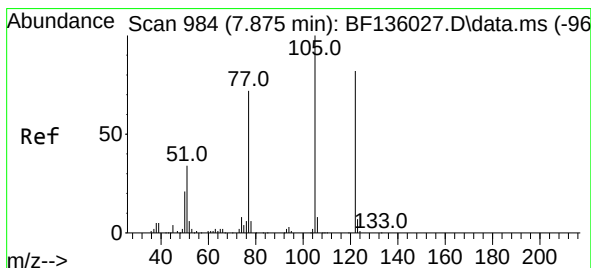
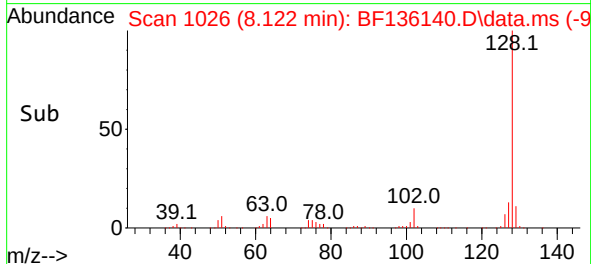
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Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



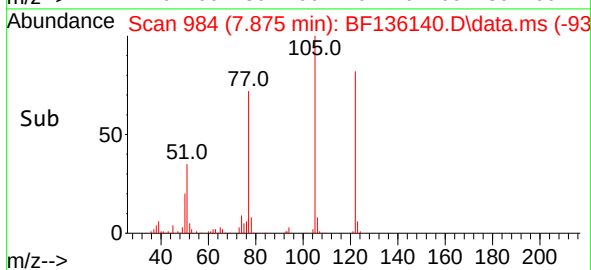
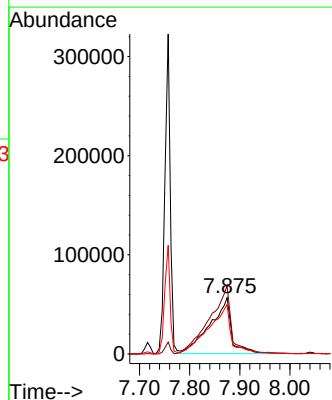
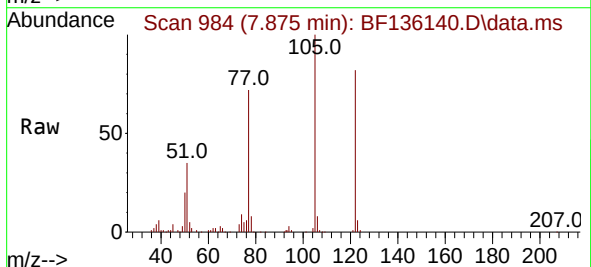
11/06/2023
Supervised By :mohammad
ahmed

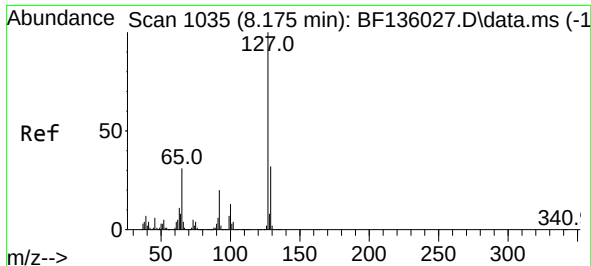
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#32
Benzoic acid
Concen: 40.461 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion:122 Resp: 170244
Ion Ratio Lower Upper
122 100
105 121.6 99.5 139.5
77 88.0 66.8 106.8





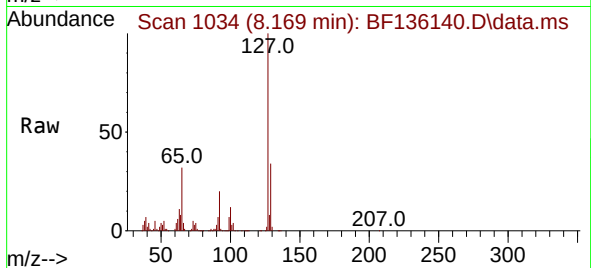
#33
4-Chloroaniline
Concen: 29.672 ng
RT: 8.169 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS



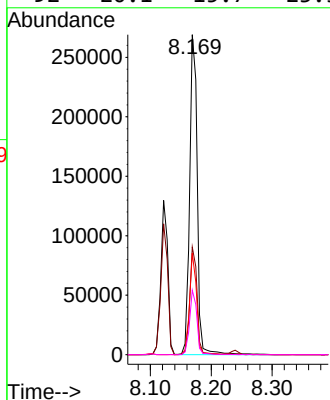
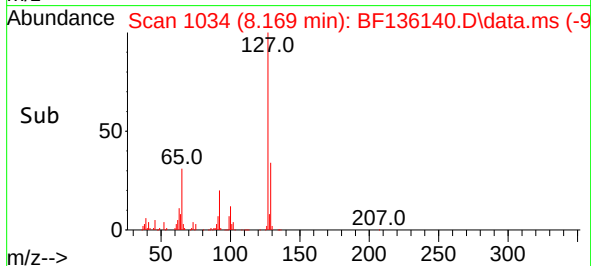
Tgt Ion:127 Resp: 23267
Ion Ratio Lower Upper
127 100
129 33.7 25.9 38.9
65 31.7 24.6 37.0
92 20.1 15.7 23.5

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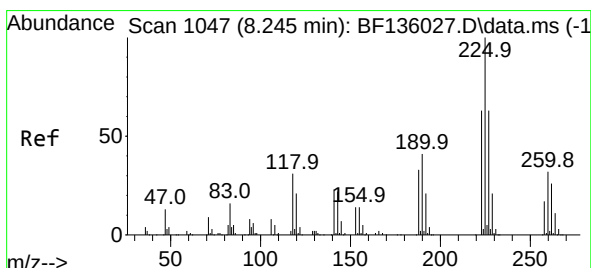
Supervised By :mohammad ahmed 11/07/2023



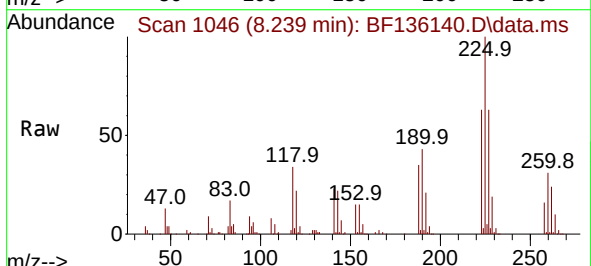
11/06/2023

Supervised By :mohammad
ahmed

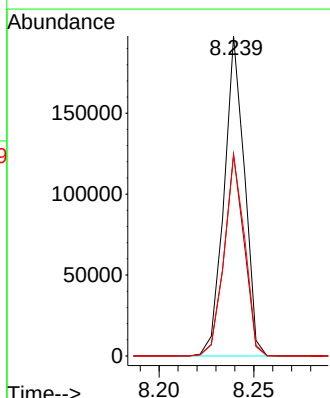
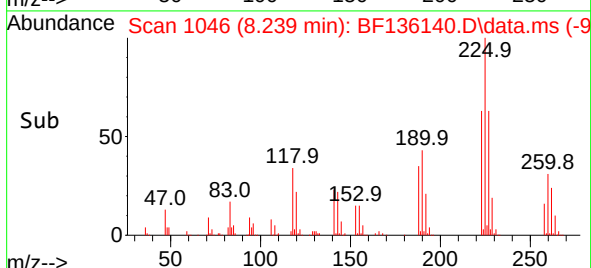
11/07/2023

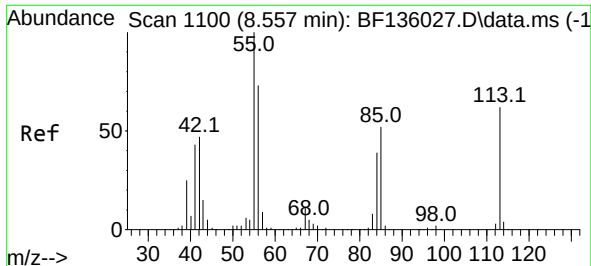


#34
Hexachlorobutadiene
Concen: 46.542 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



Tgt Ion:225 Resp: 147451
Ion Ratio Lower Upper
225 100
223 63.1 50.3 75.5
227 62.7 50.6 75.8





#35
Caprolactam
Concen: 44.951 ng m
RT: 8.545 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

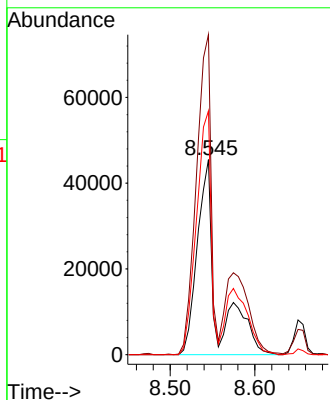
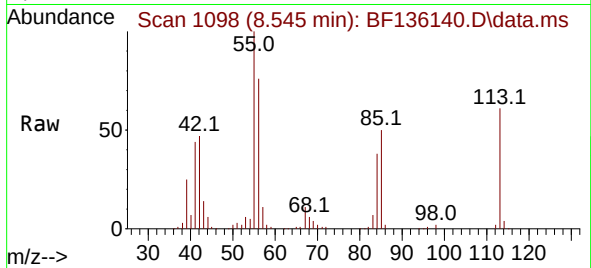
ClientSampleId :

PB156876BS

Tgt Ion:113 Resp: 7401
Ion Ratio Lower Upper
113 100
55 164.0 142.2 182.2
56 124.9 97.7 137.7

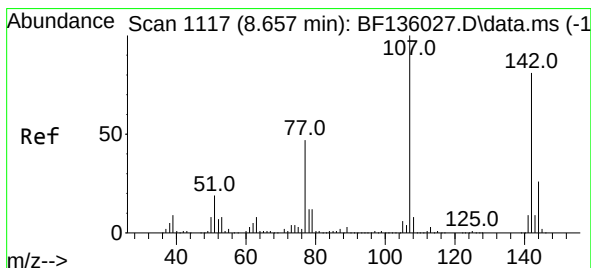
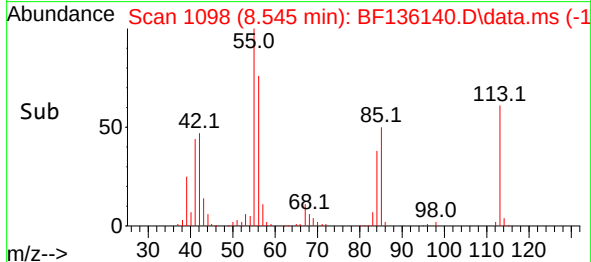
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Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



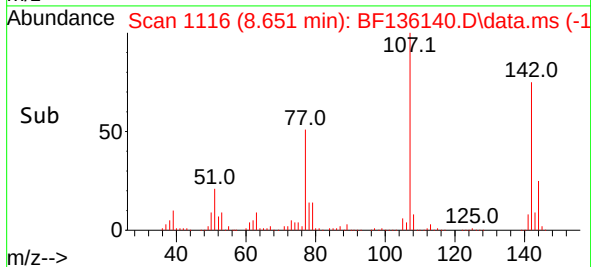
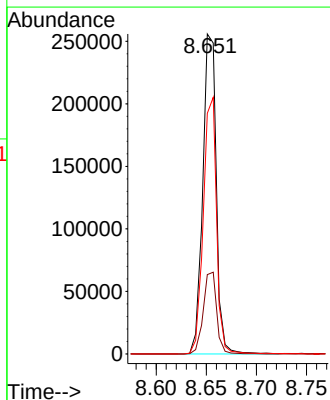
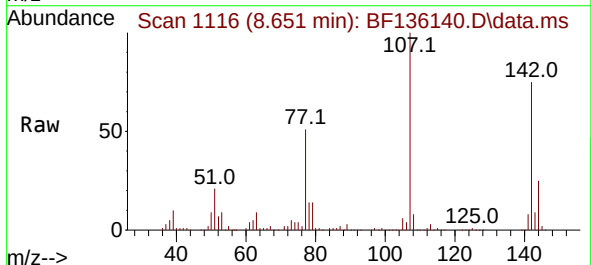
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Supervised By :mohammad
ahmed

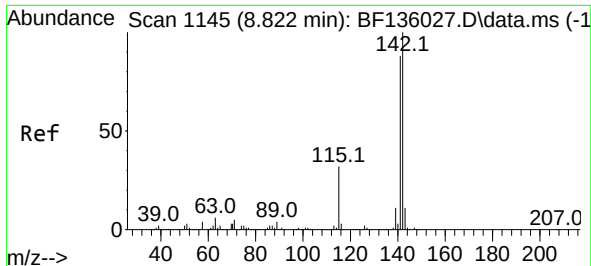
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#36
4-Chloro-3-methylphenol
Concen: 45.379 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion:107 Resp: 241258
Ion Ratio Lower Upper
107 100
144 24.8 20.6 31.0
142 75.2 64.6 97.0





#37

2-Methylnaphthalene

Concen: 42.024 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF136140.D

Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS

Tgt Ion:142 Resp: 50454

Ion Ratio Lower Upper

142 100

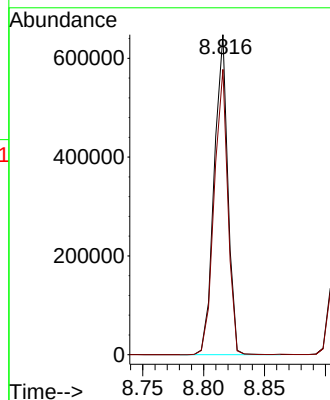
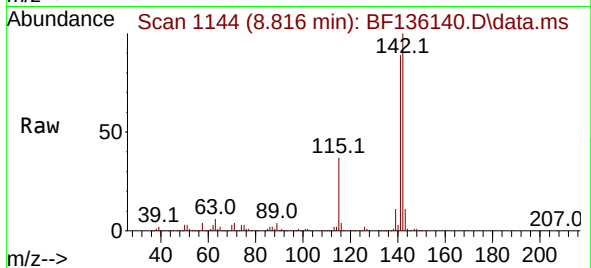
141 89.2 70.4 105.6

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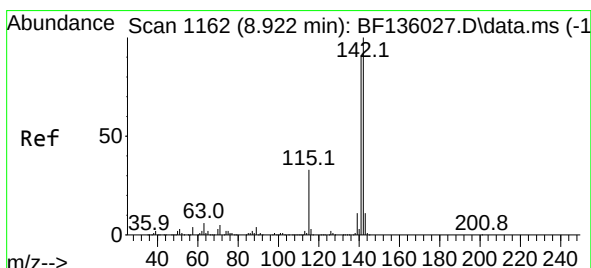
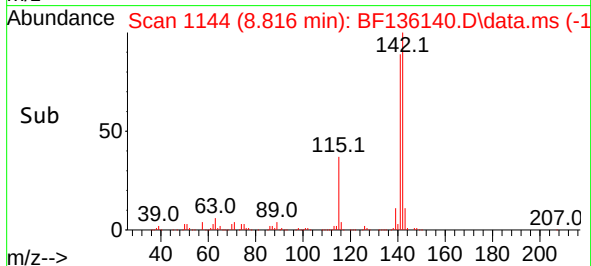
Supervised By :mohammad ahmed 11/07/2023



11/06/2023

Supervised By :mohammad
ahmed

11/07/2023



#38

1-Methylnaphthalene

Concen: 42.385 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF136140.D

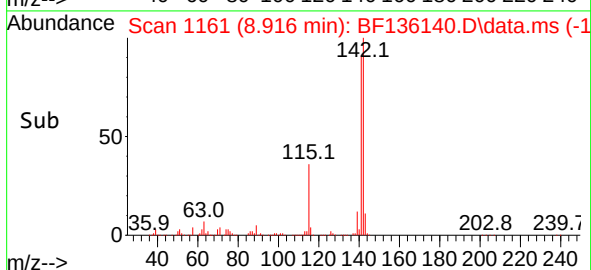
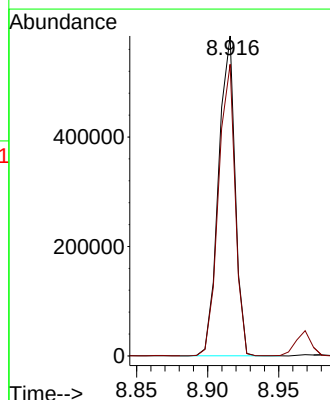
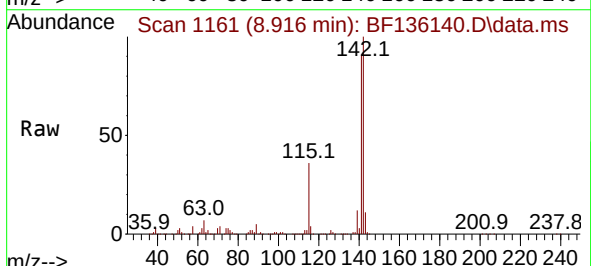
Acq: 04 Nov 2023 11:03

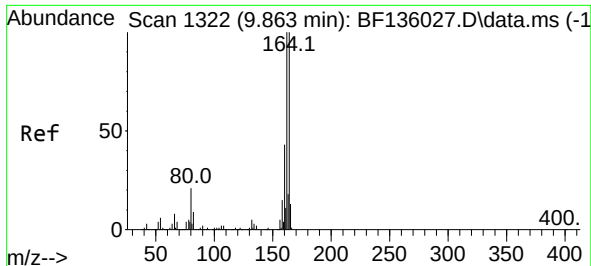
Tgt Ion:142 Resp: 473565

Ion Ratio Lower Upper

142 100

141 91.1 72.6 109.0





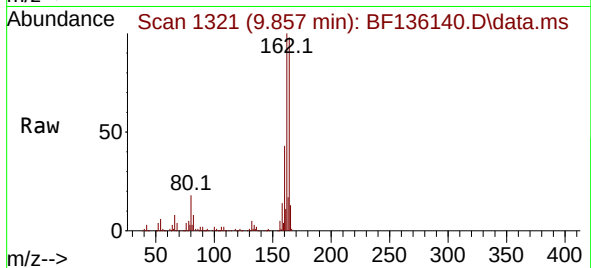
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS



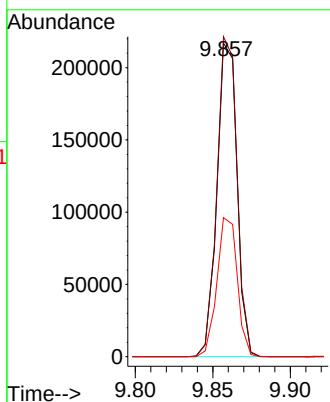
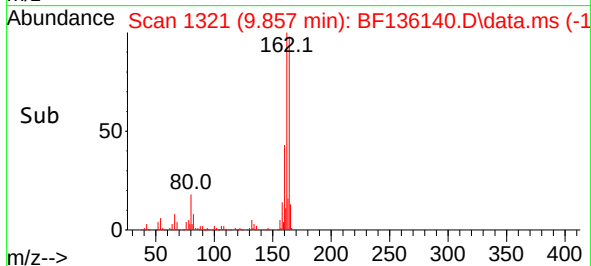
Tgt Ion:164 Resp: 195690
Ion Ratio Lower Upper
164 100
162 102.1 80.1 120.1
160 44.3 34.8 52.2

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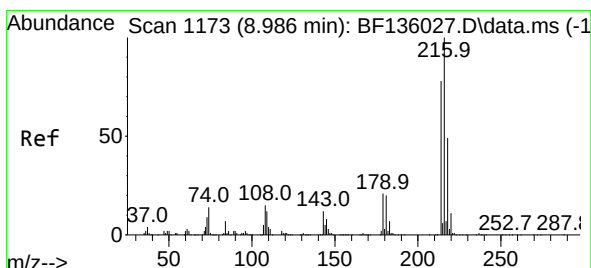
Supervised By :mohammad ahmed 11/07/2023



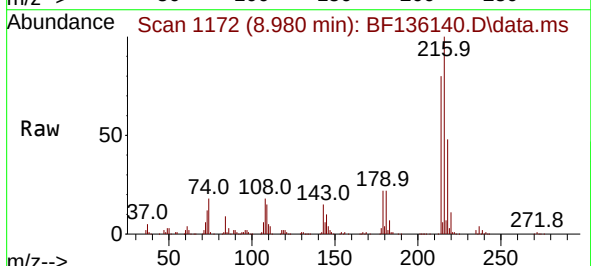
11/06/2023

Supervised By :mohammad
ahmed

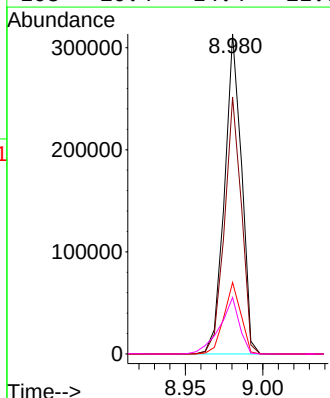
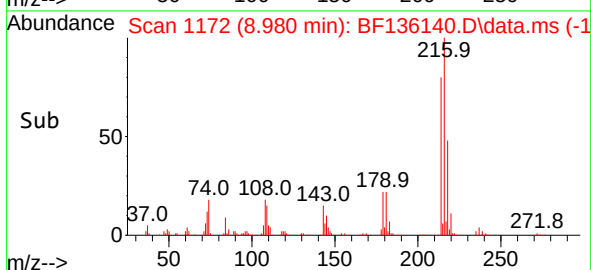
11/07/2023

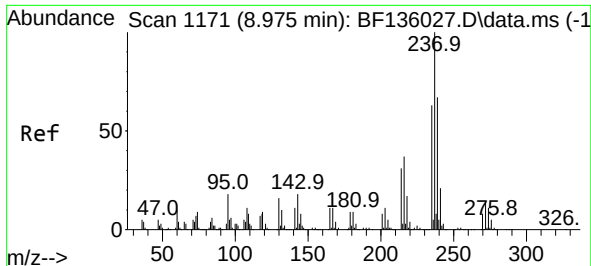


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.858 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



Tgt Ion:216 Resp: 239192
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.6
179 22.2 17.5 26.3
108 20.4 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 94.585 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

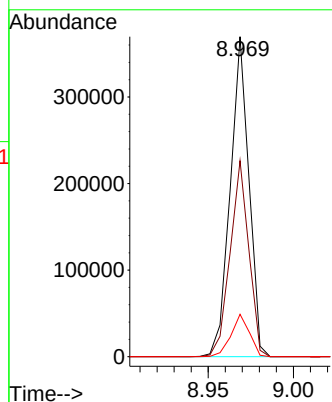
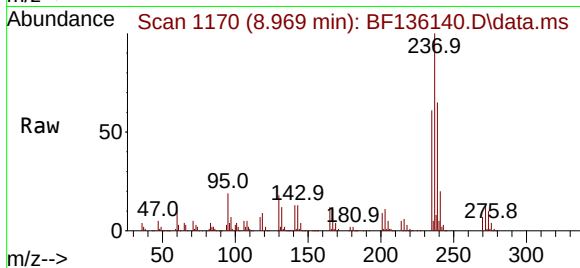
ClientSampleId :

PB156876BS

Tgt Ion:237 Resp: 28202
Ion Ratio Lower Upper
237 100
235 61.3 43.3 83.3
272 13.3 0.0 34.2

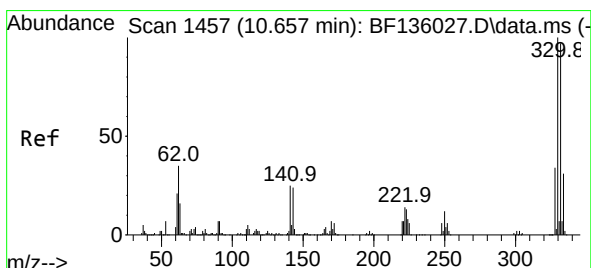
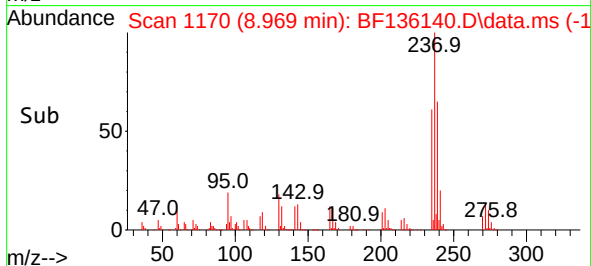
Manual Integrations
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Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



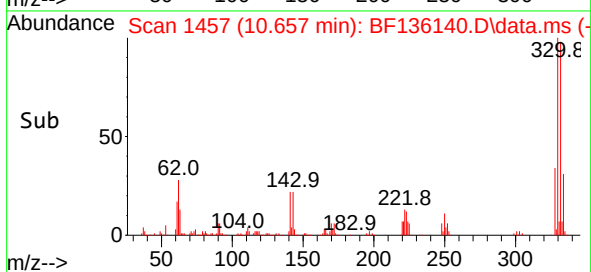
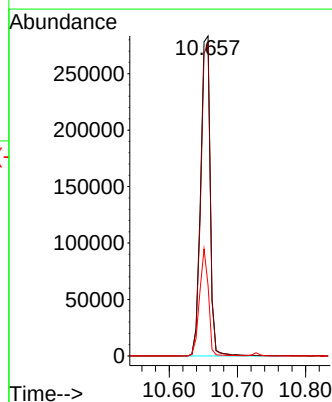
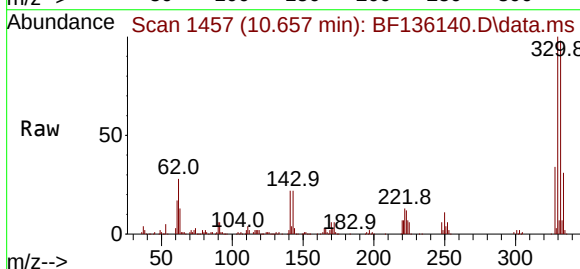
11/06/2023
Supervised By :mohammad
ahmed

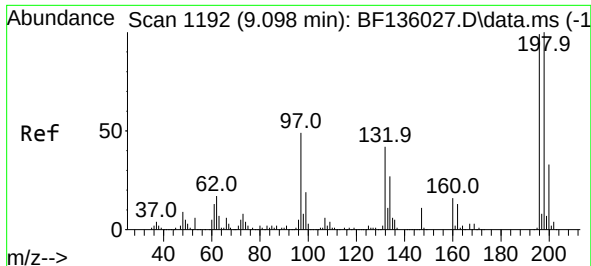
11/07/2023



#42
2,4,6-Tribromophenol
Concen: 132.378 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion:330 Resp: 276512
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 31.0 23.2 34.8





#43
2,4,6-Trichlorophenol
Concen: 43.361 ng
RT: 9.092 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS

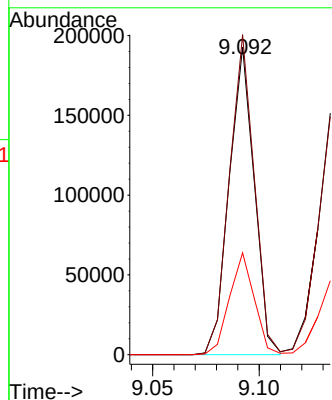
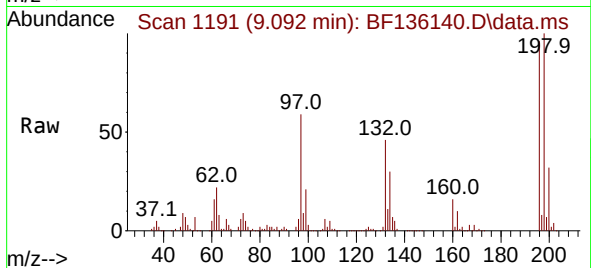
Tgt Ion:196 Resp: 157789
Ion Ratio Lower Upper
196 100
198 104.0 80.7 121.1
200 33.1 26.8 40.2

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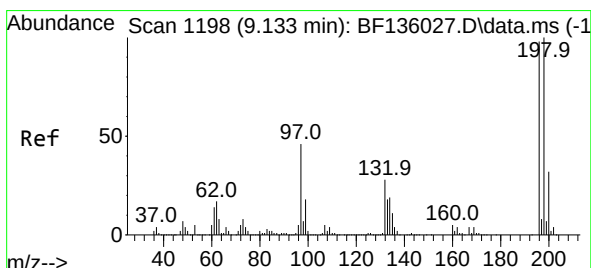
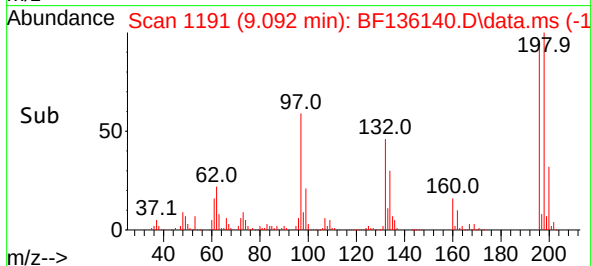
Supervised By :mohammad ahmed 11/07/2023



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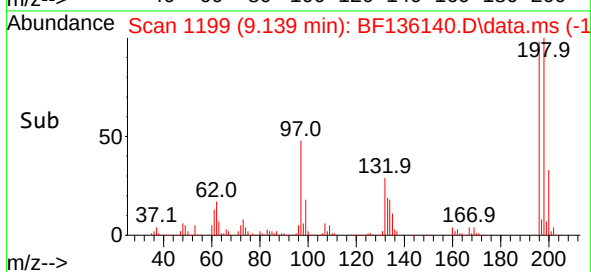
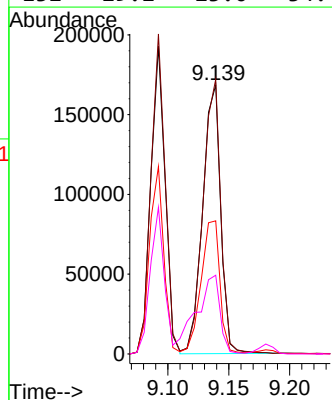
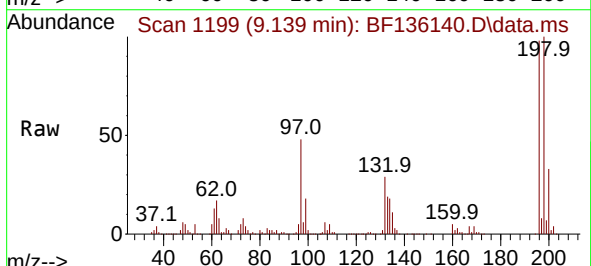
Supervised By :mohammad
ahmed

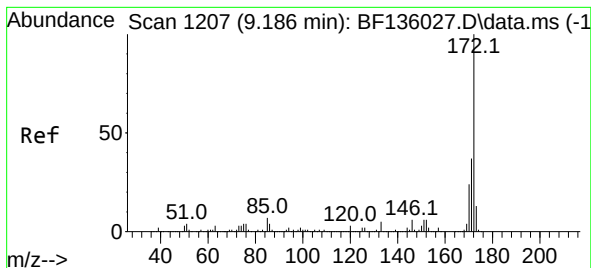
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#44
2,4,5-Trichlorophenol
Concen: 41.251 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

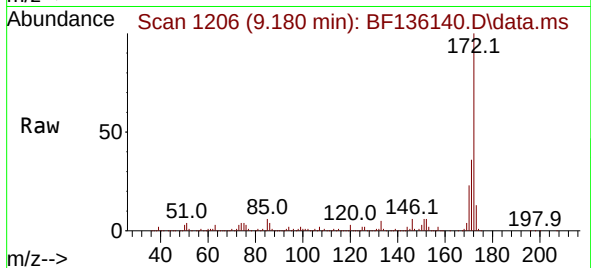
Tgt Ion:196 Resp: 173886
Ion Ratio Lower Upper
196 100
198 102.2 81.6 122.4
97 49.5 38.2 57.2
132 29.2 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 84.037 ng
RT: 9.180 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

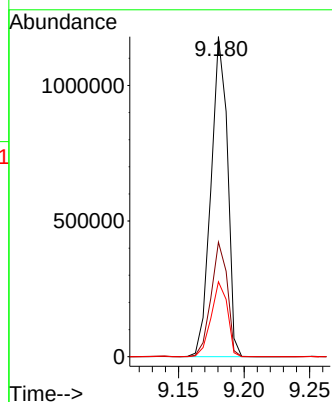
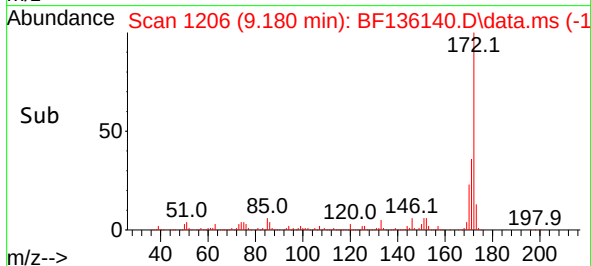
Instrument :
BNA_F
ClientSampleId :
PB156876BS



Tgt Ion:172 Resp: 1031664
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.4 19.3 28.9

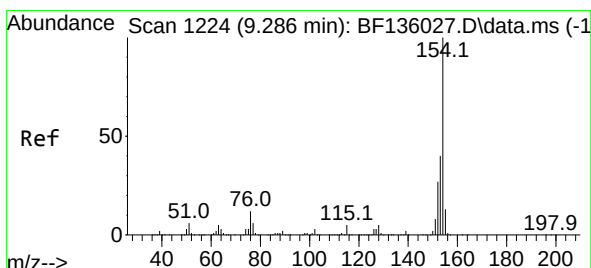
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Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

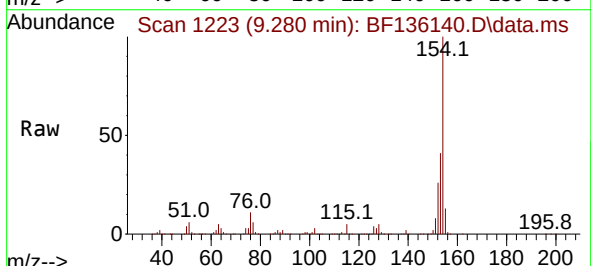


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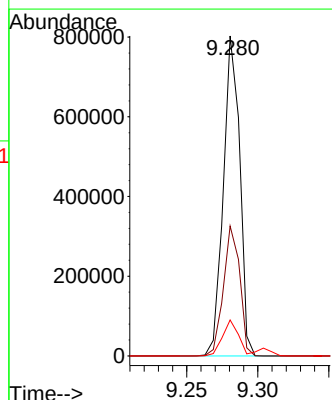
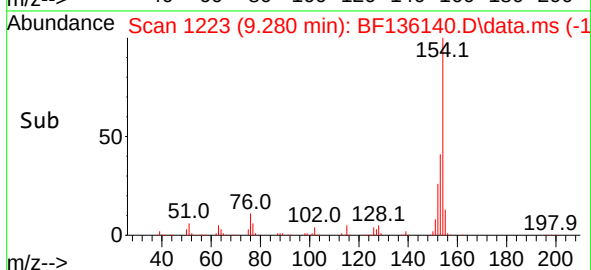
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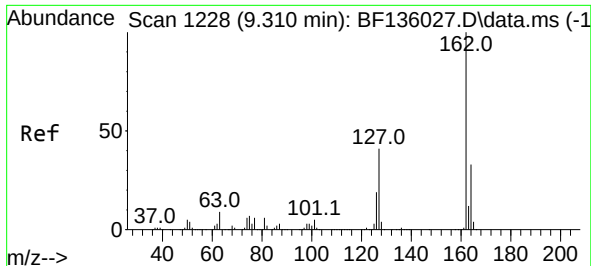


#46
1,1'-Biphenyl
Concen: 43.032 ng
RT: 9.280 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



Tgt Ion:154 Resp: 641959
Ion Ratio Lower Upper
154 100
153 40.6 20.1 60.1
76 11.3 0.0 32.5





#47
2-Chloronaphthalene
Concen: 43.926 ng
RT: 9.304 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

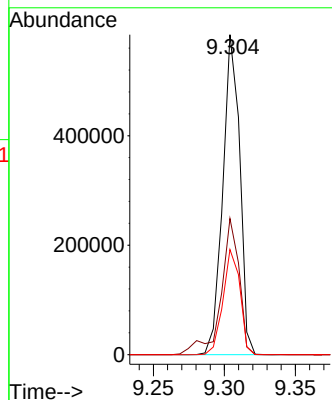
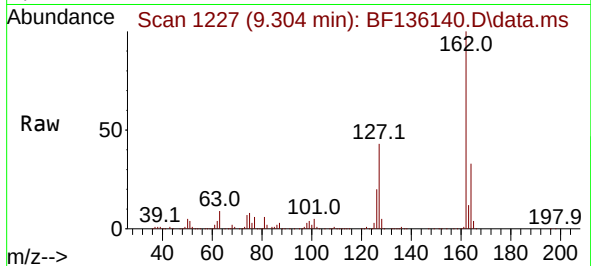
ClientSampleId :

PB156876BS

Tgt Ion:162 Resp: 483079
Ion Ratio Lower Upper
162 100
127 42.6 32.4 48.6
164 32.9 26.7 40.1

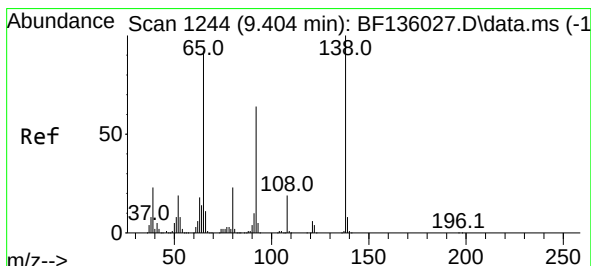
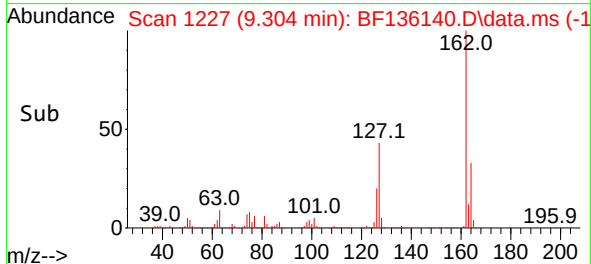
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Supervised By :mohammad ahmed 11/07/2023



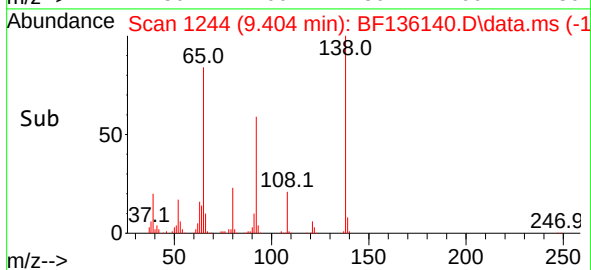
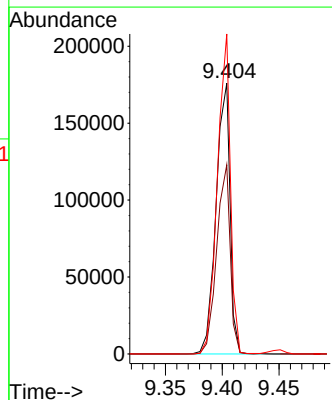
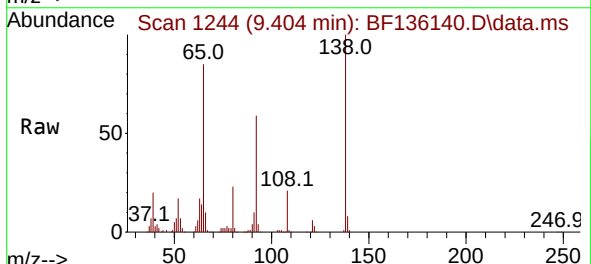
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ahmed

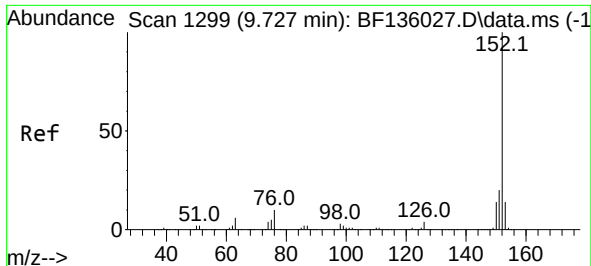
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#48
2-Nitroaniline
Concen: 46.219 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion: 65 Resp: 150430
Ion Ratio Lower Upper
65 100
92 69.9 55.7 83.5
138 118.2 86.8 130.2





#49
Acenaphthylene
Concen: 42.995 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS

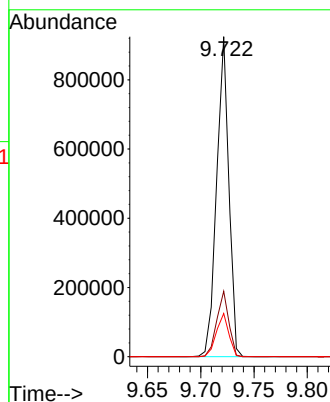
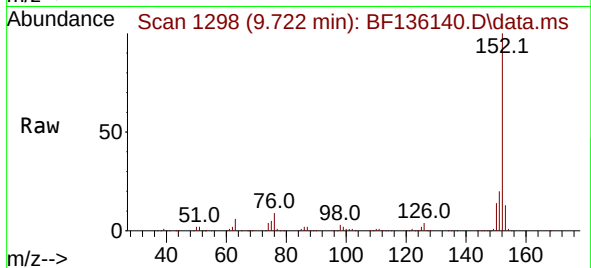
Tgt Ion:152 Resp: 737645
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.5 11.4 17.2

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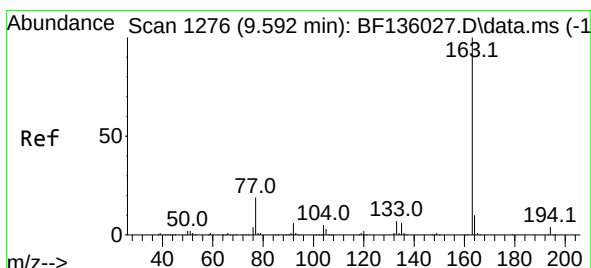
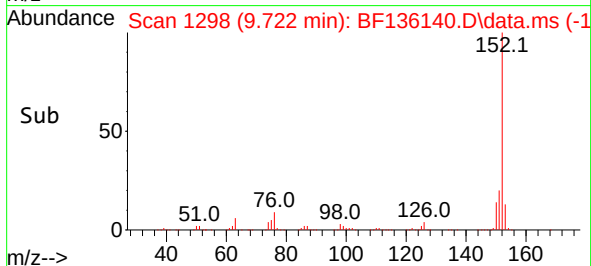
Supervised By :mohammad ahmed 11/07/2023



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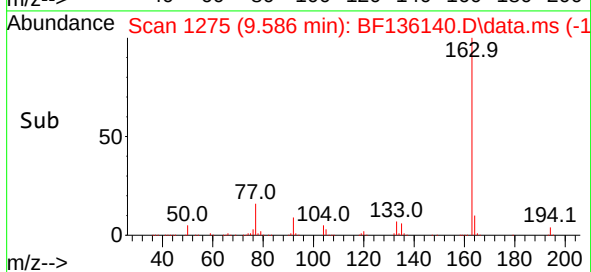
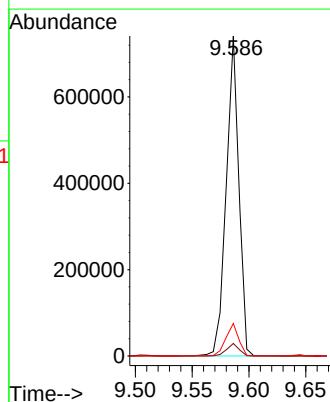
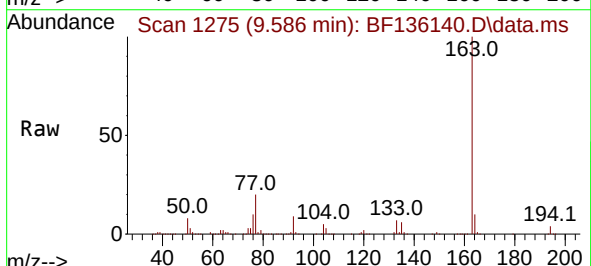
Supervised By :mohammad
ahmed

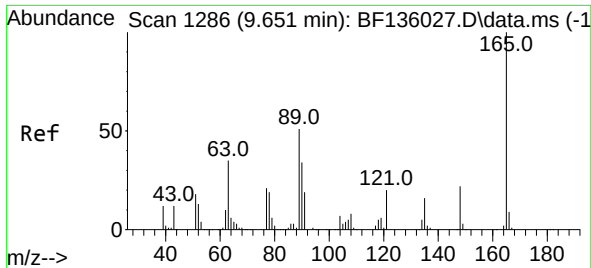
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#50
Dimethylphthalate
Concen: 44.506 ng
RT: 9.586 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion:163 Resp: 574501
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.1 12.1





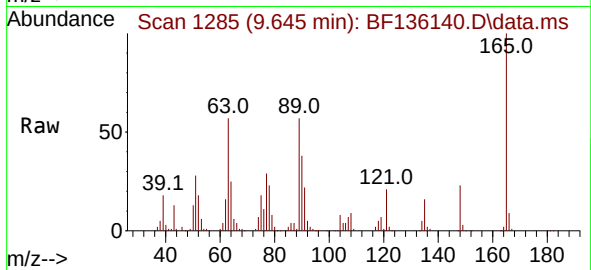
#51
2,6-Dinitrotoluene
Concen: 46.223 ng
RT: 9.645 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS



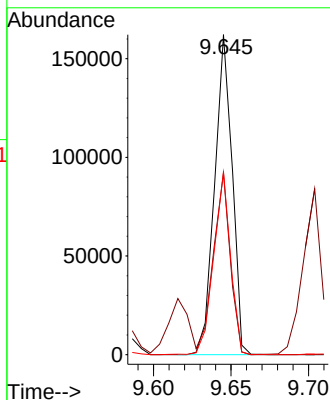
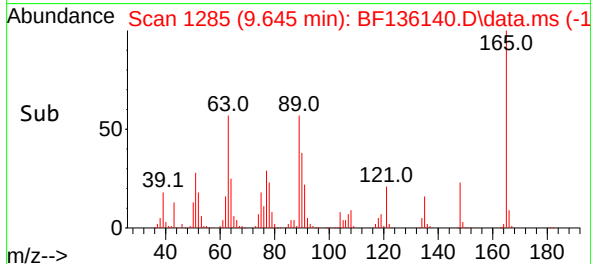
Tgt Ion:165 Resp: 12761
Ion Ratio Lower Upper
165 100
63 56.8 40.8 61.2
89 57.2 41.1 61.7

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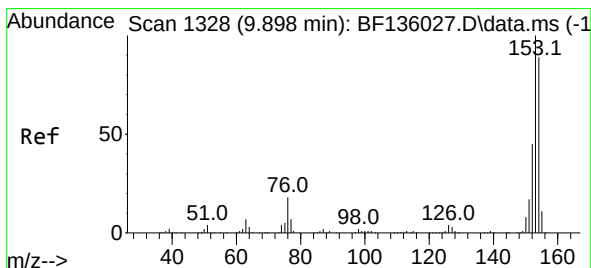
Supervised By :mohammad ahmed 11/07/2023



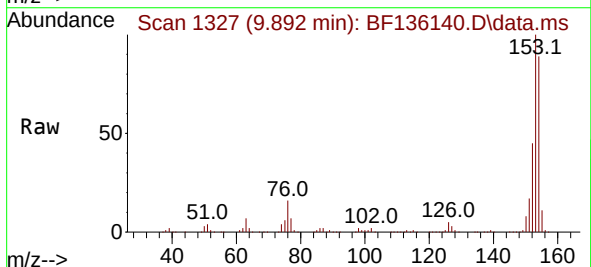
11/06/2023

Supervised By :mohammad
ahmed

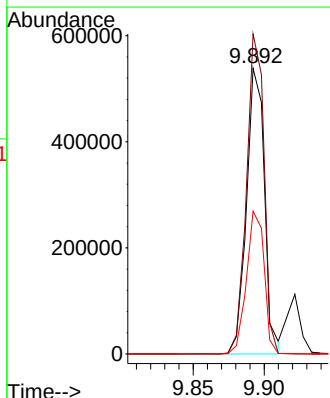
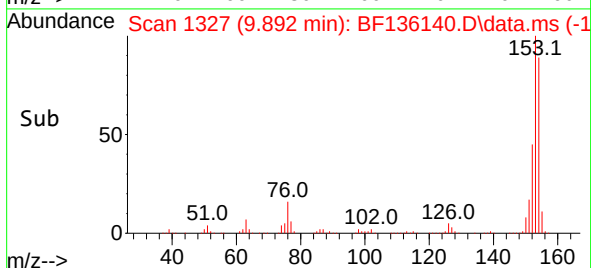
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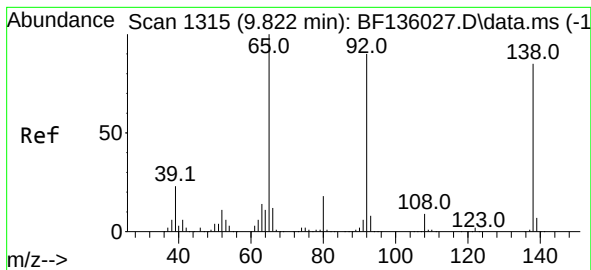


#52
Acenaphthene
Concen: 43.492 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



Tgt Ion:154 Resp: 474357
Ion Ratio Lower Upper
154 100
153 112.0 89.9 134.9
152 49.9 40.2 60.2





#53
3-Nitroaniline
Concen: 37.176 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

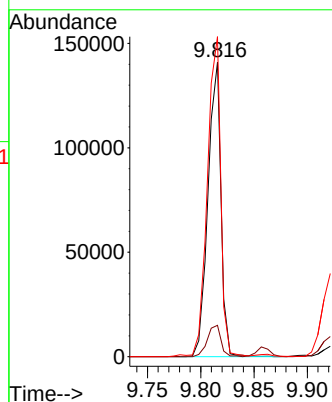
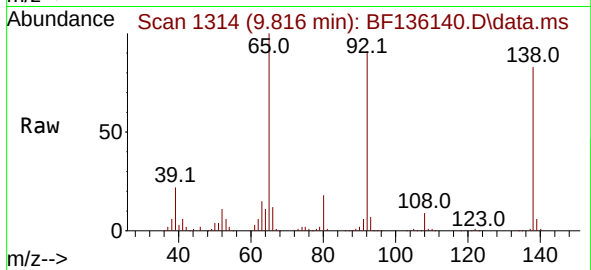
ClientSampleId :

PB156876BS

Tgt Ion:138 Resp: 119760
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 108.7 84.6 126.8

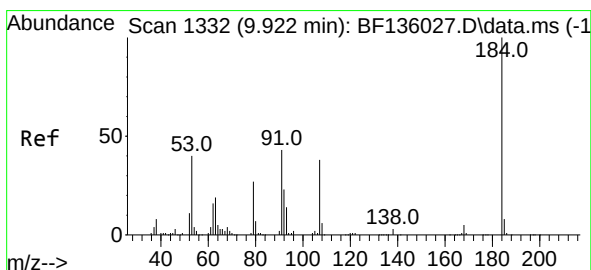
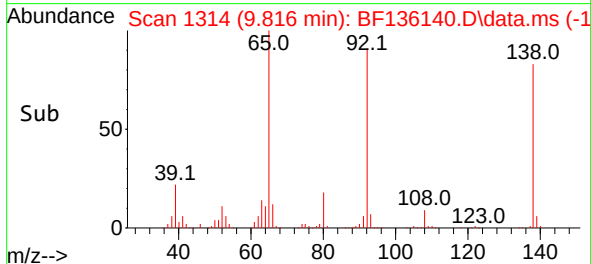
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Supervised By :mohammad ahmed 11/07/2023



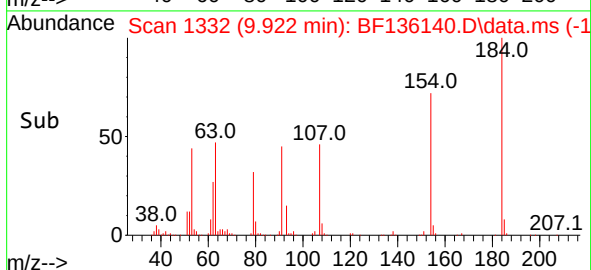
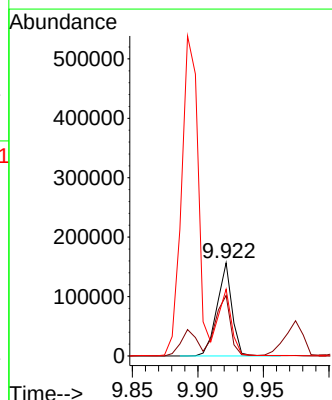
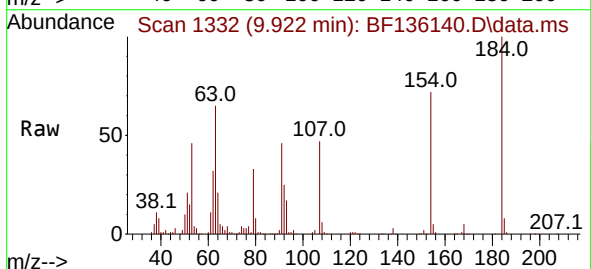
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ahmed

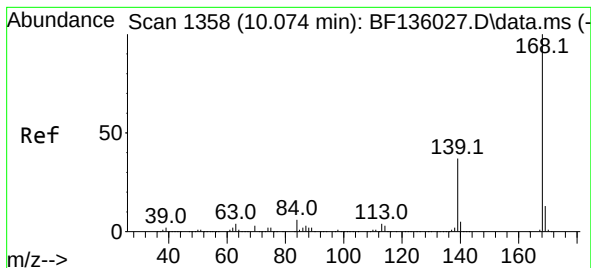
11/07/2023



#54
2,4-Dinitrophenol
Concen: 82.861 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

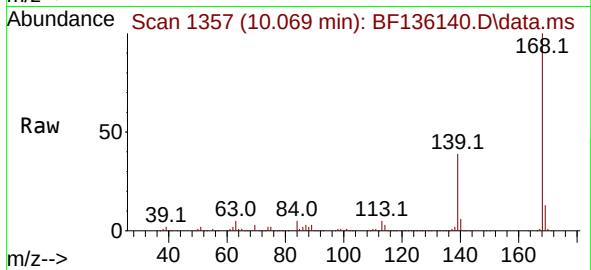
Tgt Ion:184 Resp: 124459
Ion Ratio Lower Upper
184 100
63 64.9 43.7 65.5
154 71.7 51.2 76.8





#55
Dibenzenofuran
Concen: 42.869 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

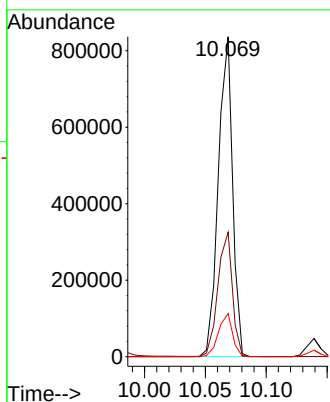
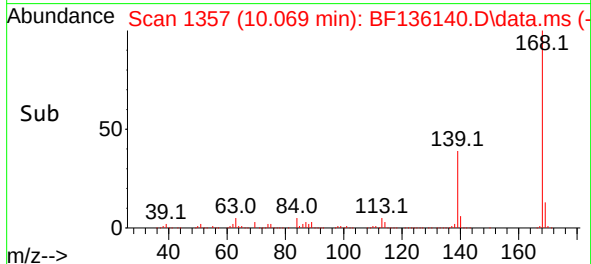
Instrument :
BNA_F
ClientSampleId :
PB156876BS



Tgt Ion:168 Resp: 68177
Ion Ratio Lower Upper
168 100
139 38.9 29.4 44.0
169 13.5 10.5 15.7

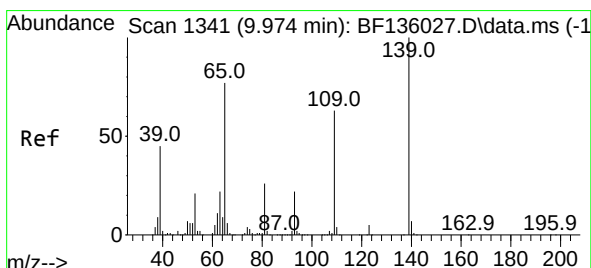
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Supervised By :mohammad ahmed 11/07/2023

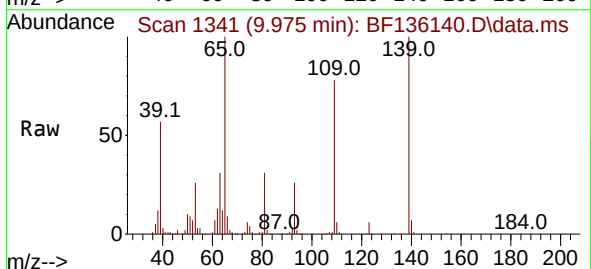


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Supervised By :mohammad
ahmed

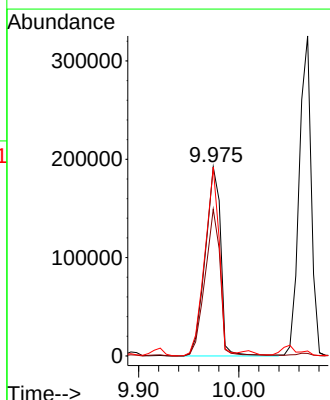
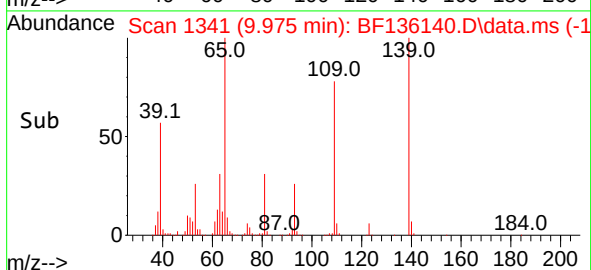
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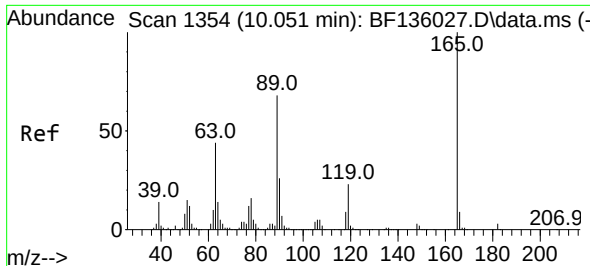


#56
4-Nitrophenol
Concen: 86.253 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



Tgt Ion:139 Resp: 207839
Ion Ratio Lower Upper
139 100
109 77.6 43.2 83.2
65 99.8 57.6 97.6#





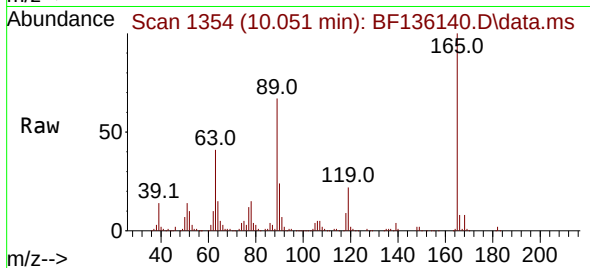
#57
2,4-Dinitrotoluene
Concen: 48.460 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS



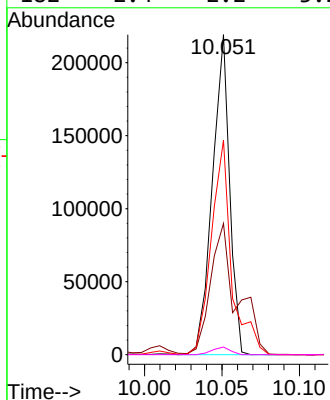
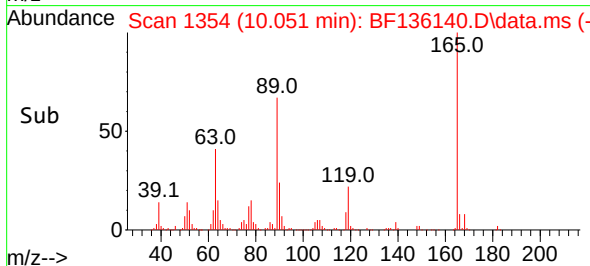
Tgt Ion:165 Resp: 169270
Ion Ratio Lower Upper
165 100
63 41.0 35.2 52.8
89 67.0 54.8 82.2
182 2.4 2.2 3.2

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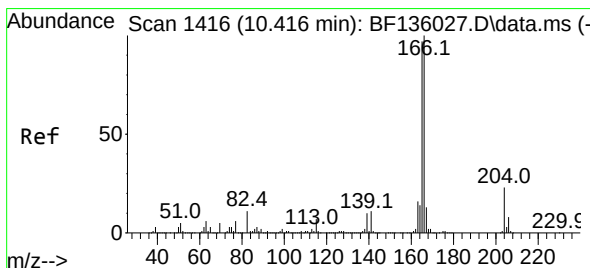
Supervised By :mohammad ahmed 11/07/2023



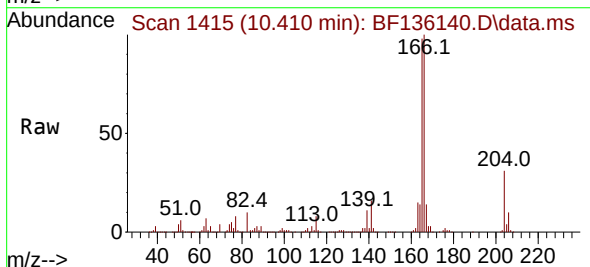
11/06/2023

Supervised By :mohammad
ahmed

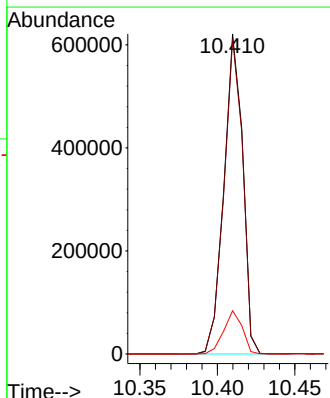
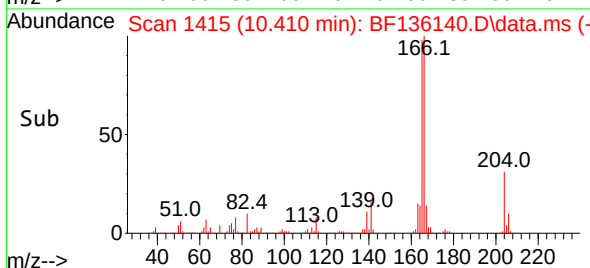
11/07/2023

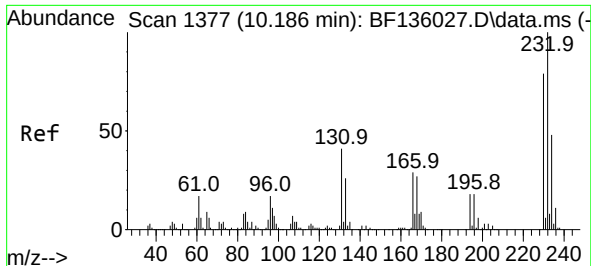


#58
Fluorene
Concen: 43.966 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



Tgt Ion:166 Resp: 523523
Ion Ratio Lower Upper
166 100
165 98.4 77.7 116.5
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.706 ng m
RT: 10.180 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS

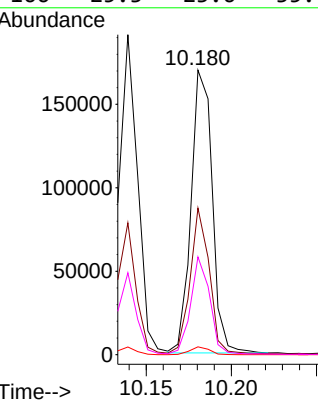
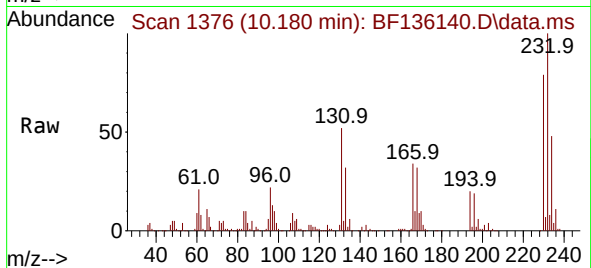
Tgt Ion:232 Resp: 146472
Ion Ratio Lower Upper
232 100
131 41.2 34.6 52.0
130 2.3 1.6 2.4
166 25.3 23.6 35.4

Manual Integrations

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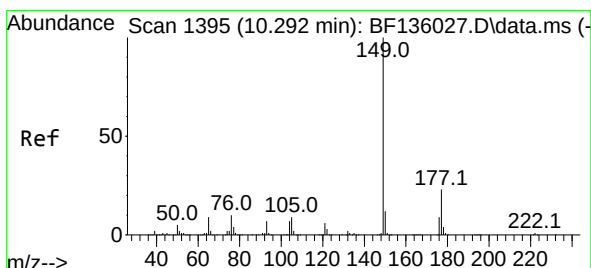
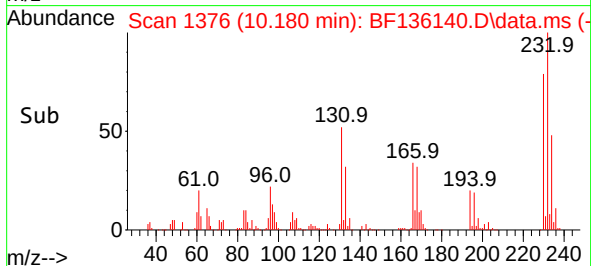
Supervised By :mohammad ahmed 11/07/2023



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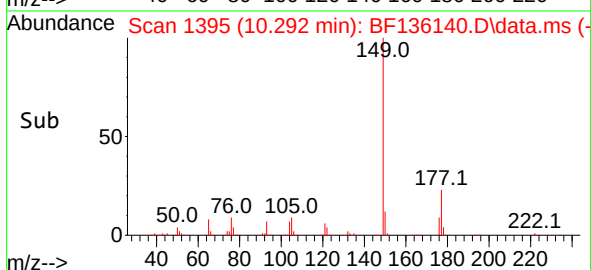
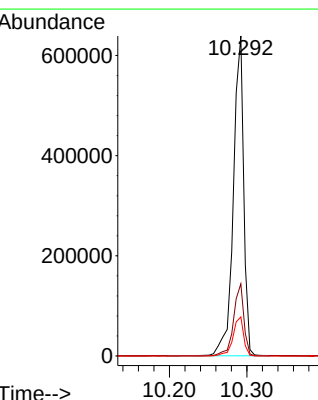
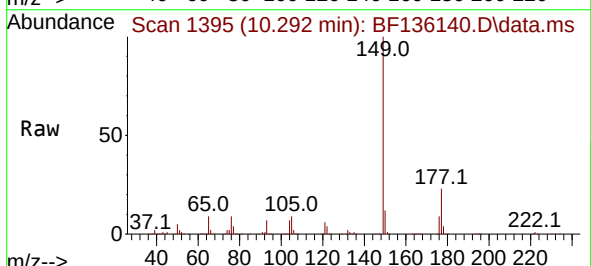
Supervised By :mohammad
ahmed

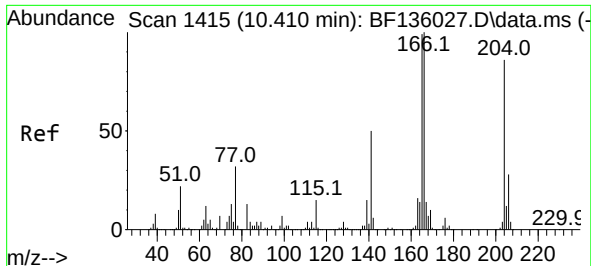
11/07/2023



#60
Diethylphthalate
Concen: 48.252 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

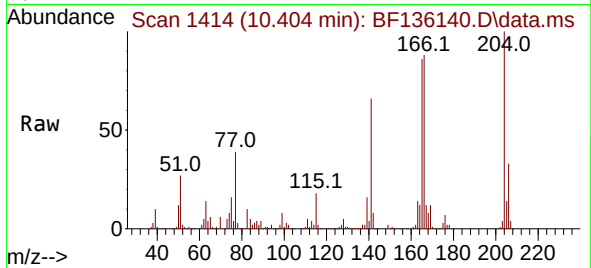
Tgt Ion:149 Resp: 595124
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.4
150 12.2 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.646 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

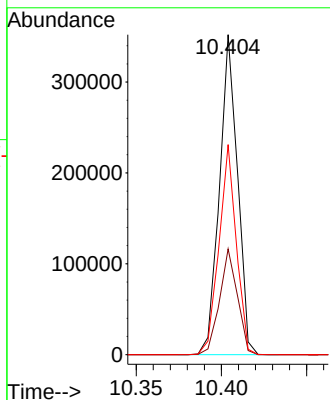
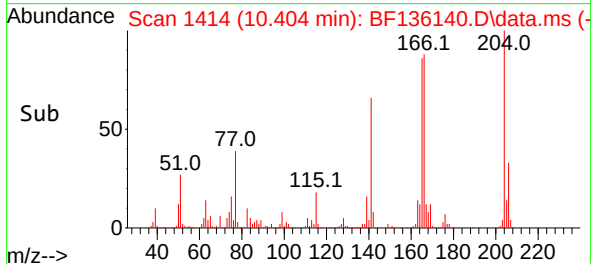
Instrument :
BNA_F
ClientSampleId :
PB156876BS



Tgt Ion:204 Resp: 259425
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 65.7 46.8 70.2

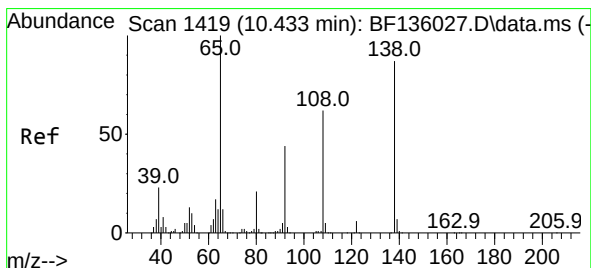
Manual Integrations
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Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

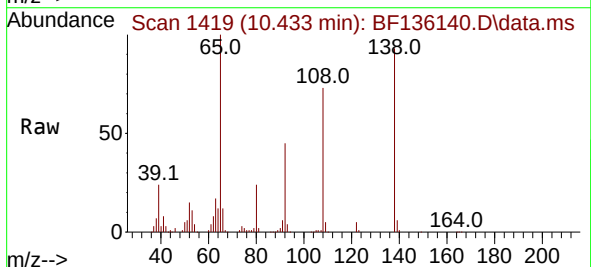


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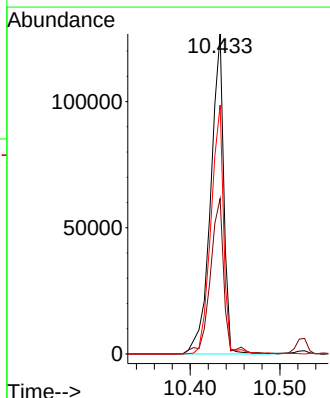
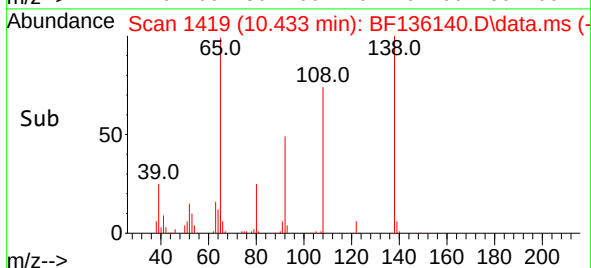
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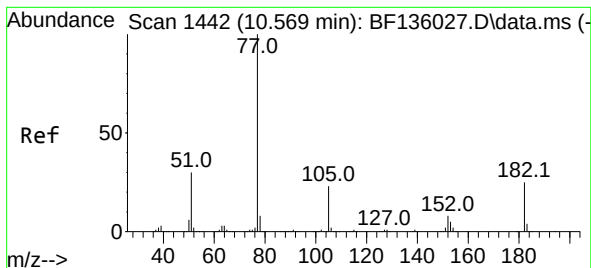


#62
4-Nitroaniline
Concen: 41.439 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



Tgt Ion:138 Resp: 128543
Ion Ratio Lower Upper
138 100
92 48.6 30.6 70.6
108 77.8 51.5 91.5





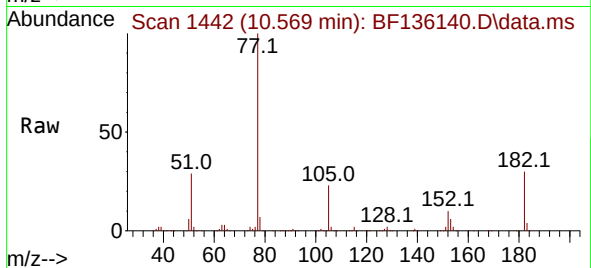
#63
Azobenzene
Concen: 42.981 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS



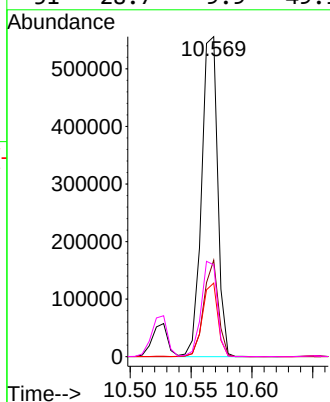
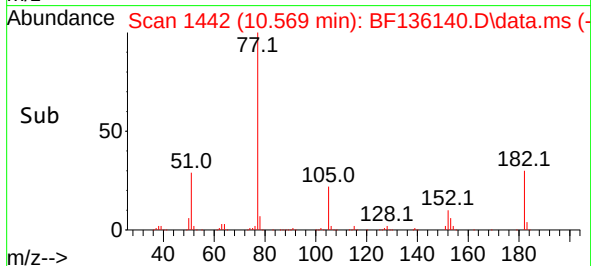
Tgt Ion: 77 Resp: 51053
Ion Ratio Lower Upper
77 100
182 30.2 5.0 45.0
105 23.0 2.6 42.6
51 28.7 9.9 49.9

Manual Integrations

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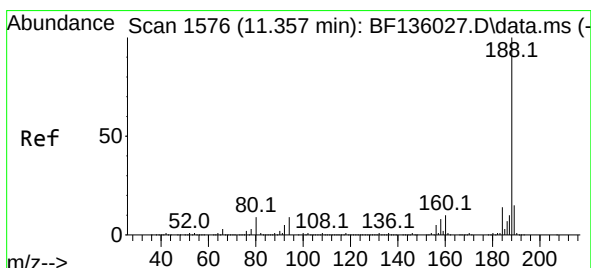
Supervised By :mohammad ahmed 11/07/2023



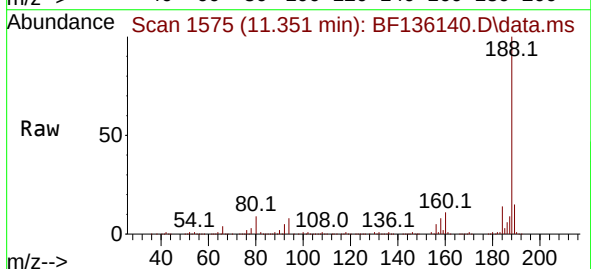
11/06/2023

Supervised By :mohammad
ahmed

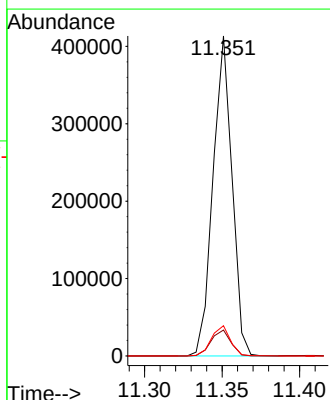
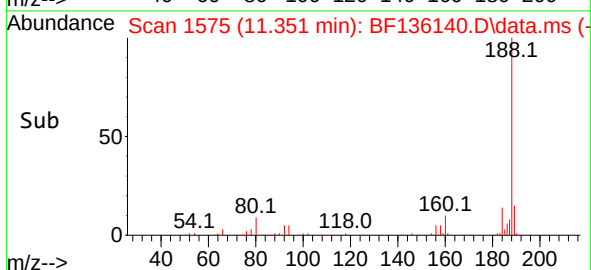
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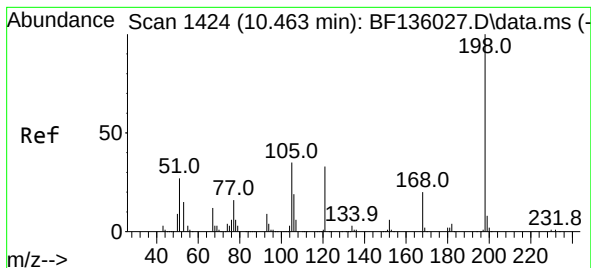


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



Tgt Ion:188 Resp: 352417
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.5 7.4 11.0





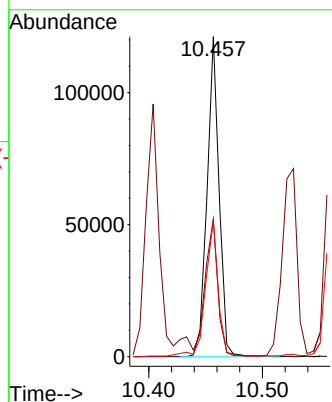
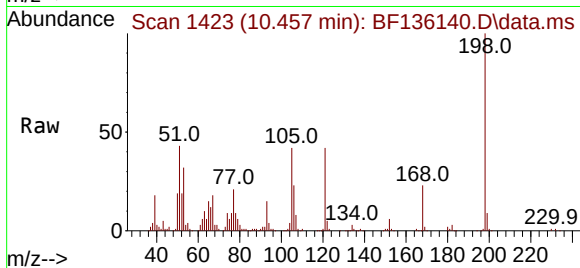
#65
4,6-Dinitro-2-methylphenol
Concen: 46.152 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :
BNA_F
ClientSampleId :
PB156876BS

Tgt Ion:198 Resp: 88878
Ion Ratio Lower Upper
198 100
51 42.9 12.9 52.9
105 42.5 16.0 56.0

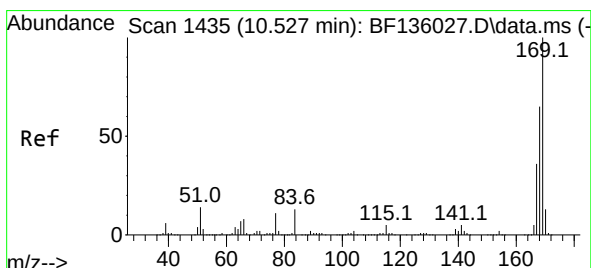
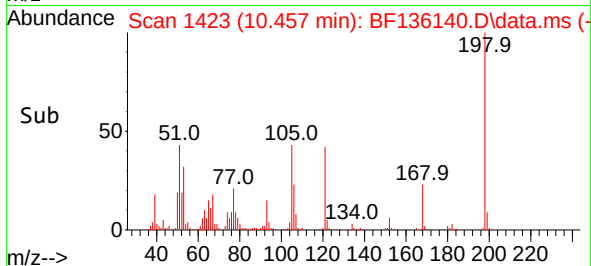
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Supervised By :mohammad ahmed 11/07/2023



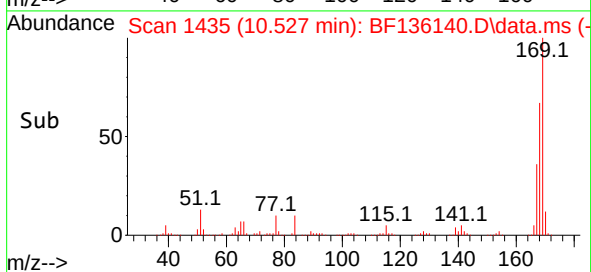
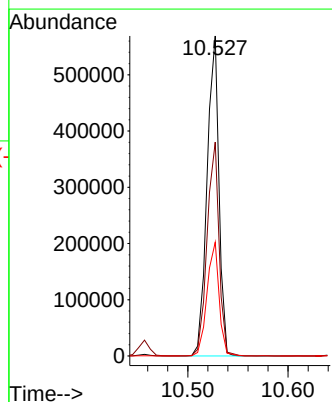
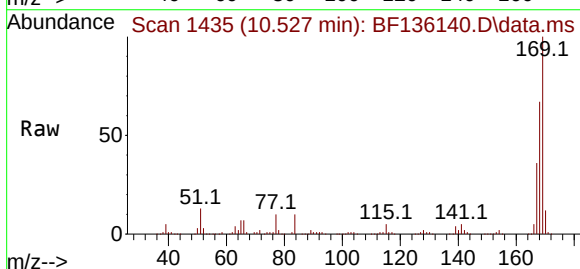
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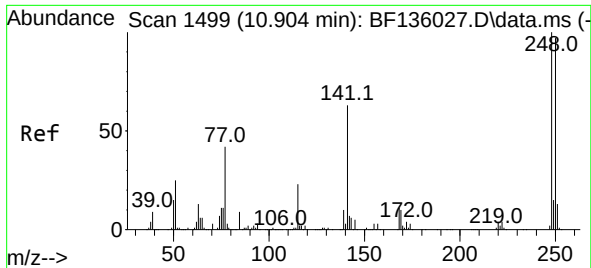
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#66
n-Nitrosodiphenylamine
Concen: 44.309 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion:169 Resp: 471052
Ion Ratio Lower Upper
169 100
168 66.9 52.2 78.2
167 35.5 28.7 43.1





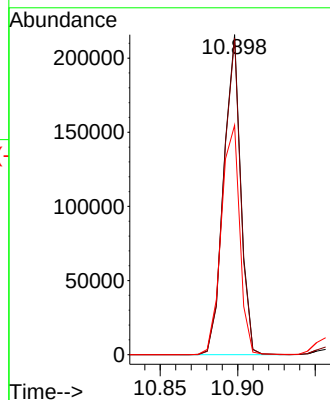
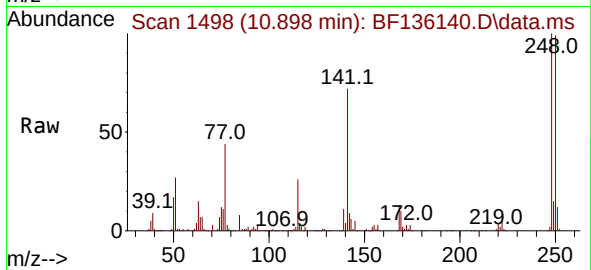
#67
4-Bromophenyl-phenylether
Concen: 44.461 ng
RT: 10.898 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :
BNA_F
ClientSampleId :
PB156876BS

Tgt Ion:248 Resp: 164277
Ion Ratio Lower Upper
248 100
250 98.9 77.6 116.4
141 71.7 50.4 75.6

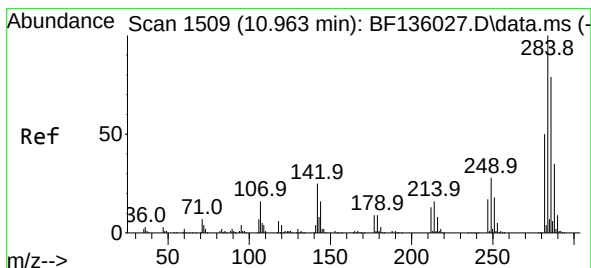
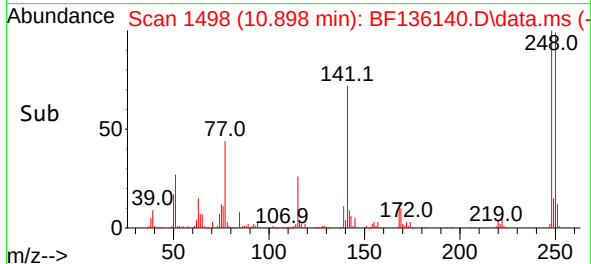
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Supervised By :mohammad ahmed 11/07/2023



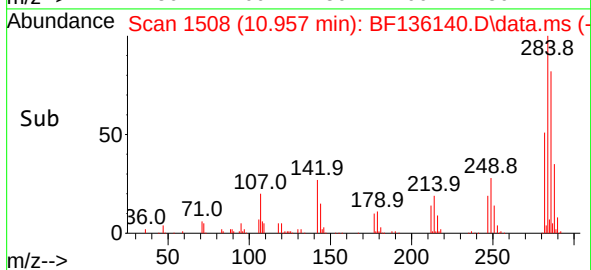
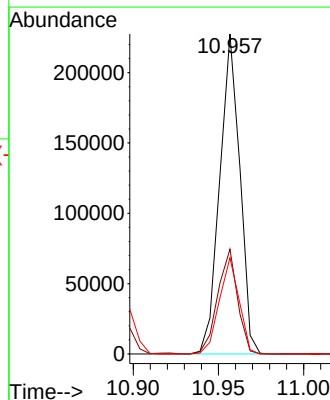
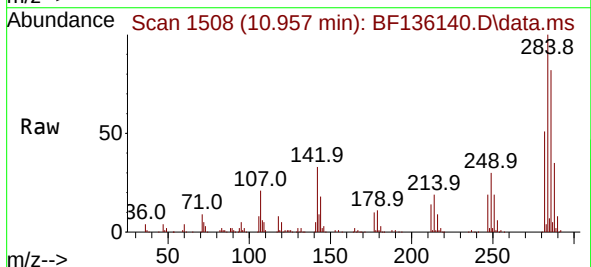
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Supervised By :mohammad
ahmed

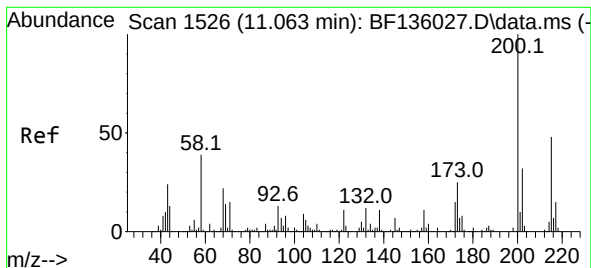
11/07/2023



#68
Hexachlorobenzene
Concen: 47.242 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion:284 Resp: 186426
Ion Ratio Lower Upper
284 100
142 32.7 20.2 30.4#
249 30.1 22.6 33.8





#69

Atrazine

Concen: 36.163 ng

RT: 11.051 min Scan# 11051

Delta R.T. -0.006 min

Lab File: BF136140.D

Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

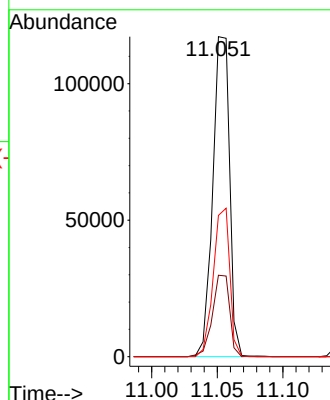
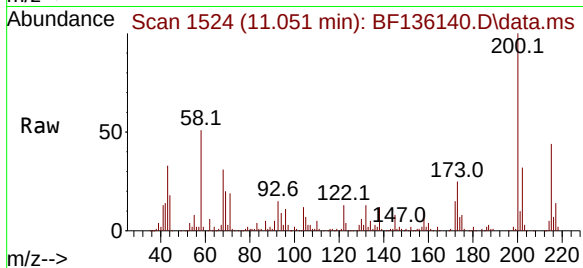
PB156876BS

Tgt Ion:200 Resp: 10460
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.2 45.2
 215 44.1 28.4 68.4

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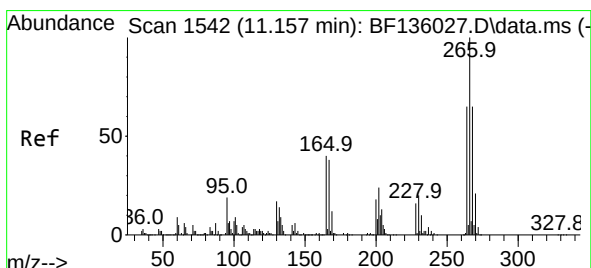
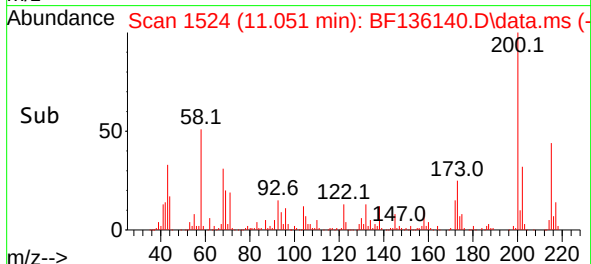
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#70

Pentachlorophenol

Concen: 79.175 ng

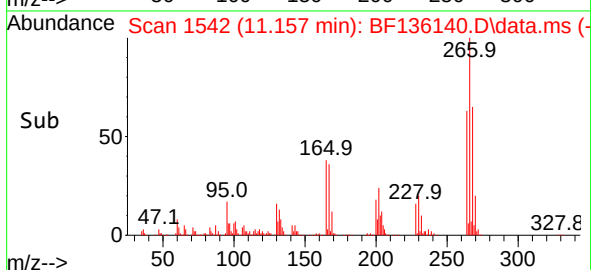
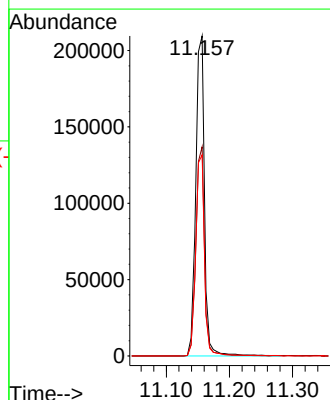
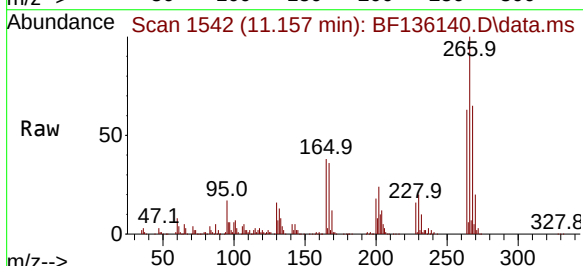
RT: 11.157 min Scan# 1542

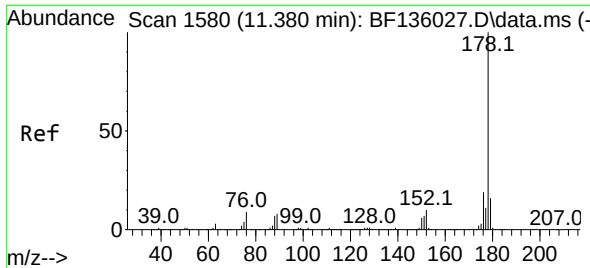
Delta R.T. 0.006 min

Lab File: BF136140.D

Acq: 04 Nov 2023 11:03

Tgt Ion:266 Resp: 200654
 Ion Ratio Lower Upper
 266 100
 268 65.3 52.2 78.4
 264 62.9 52.2 78.4





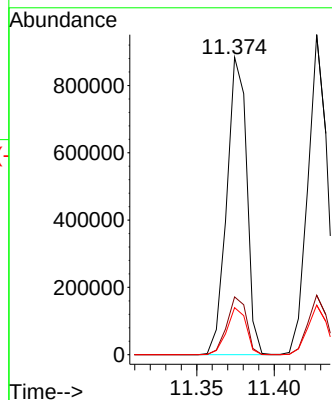
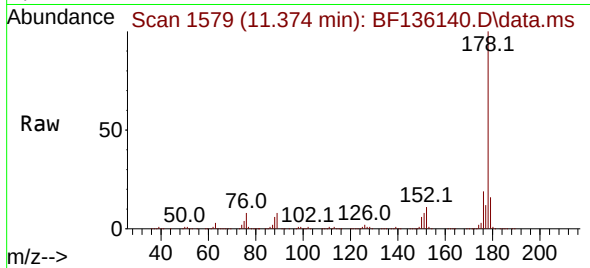
#71
Phenanthrene
Concen: 44.544 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :
BNA_F
ClientSampleId :
PB156876BS

Tgt Ion:178 Resp: 790408
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.8 12.9 19.3

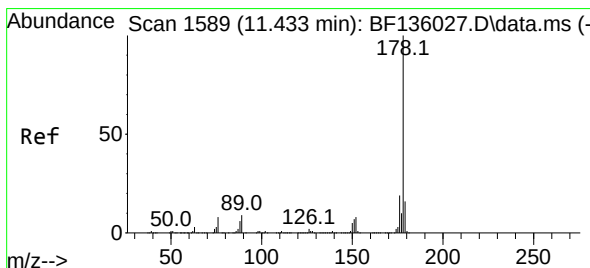
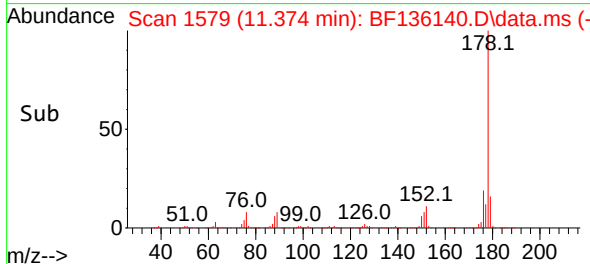
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Supervised By :mohammad ahmed 11/07/2023



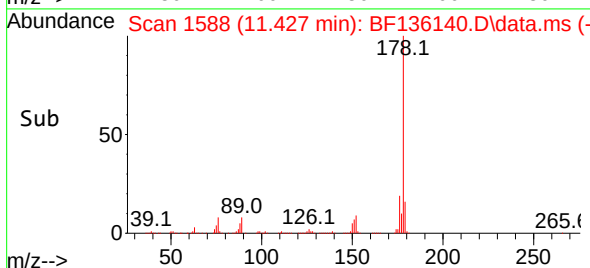
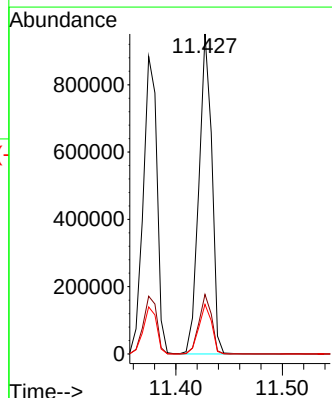
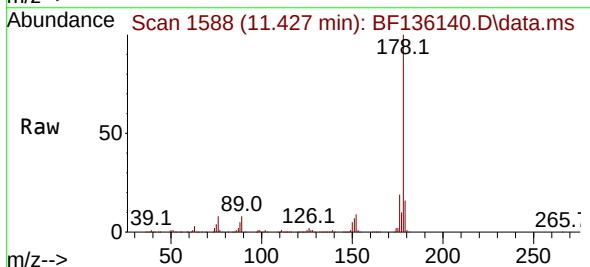
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Supervised By :mohammad
ahmed

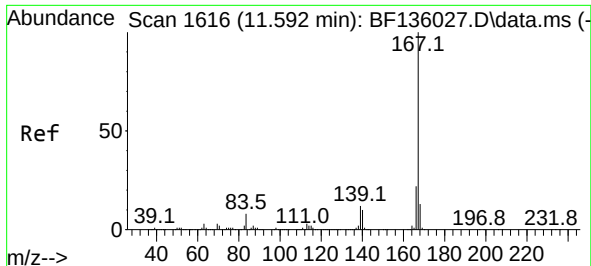
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#72
Anthracene
Concen: 44.172 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

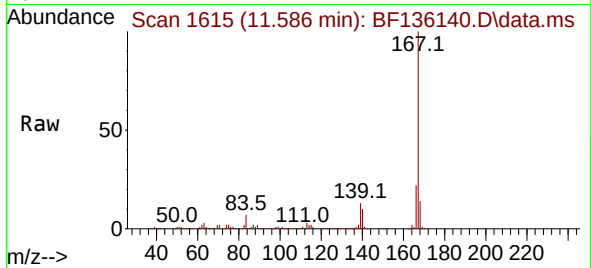
Tgt Ion:178 Resp: 803159
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 43.288 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF136140.D
 Acq: 04 Nov 2023 11:03

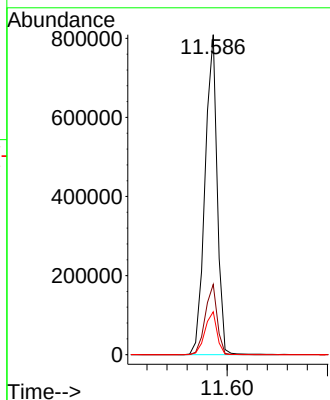
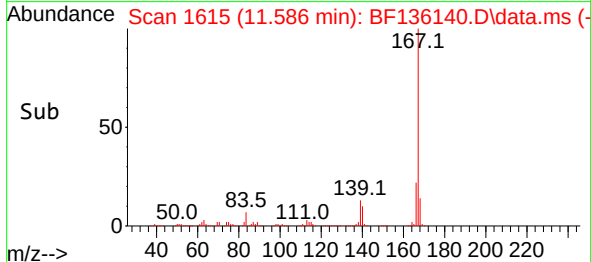
Instrument :
 BNA_F
 ClientSampleId :
 PB156876BS



Tgt Ion:167 Resp: 68396
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.4 9.9 14.9

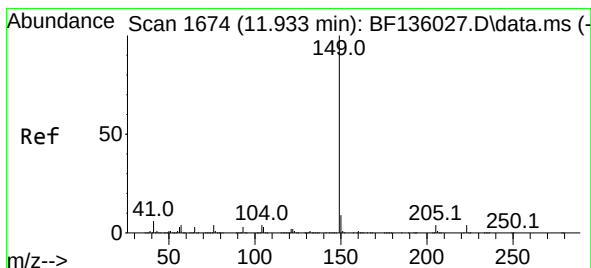
Manual Integrations
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Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023

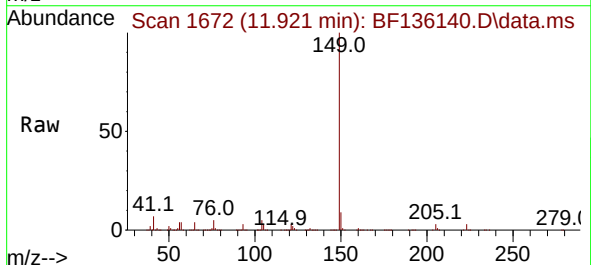


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 ahmed

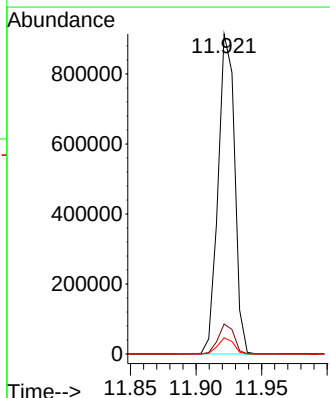
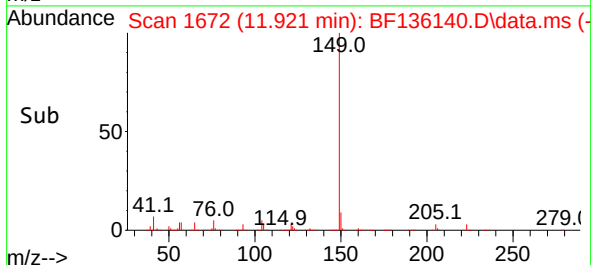
11/07/2023

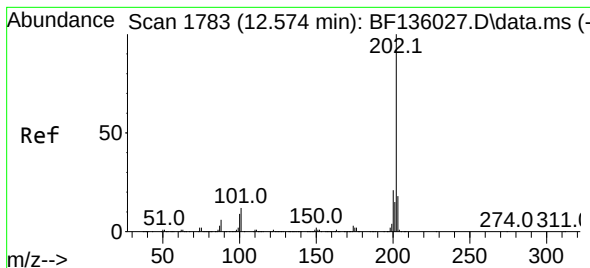


#74
 Di-n-butylphthalate
 Concen: 44.302 ng
 RT: 11.921 min Scan# 1672
 Delta R.T. -0.006 min
 Lab File: BF136140.D
 Acq: 04 Nov 2023 11:03



Tgt Ion:149 Resp: 799850
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.0 3.6 5.4





#75

Fluoranthene

Concen: 41.455 ng

RT: 12.568 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136140.D

Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS

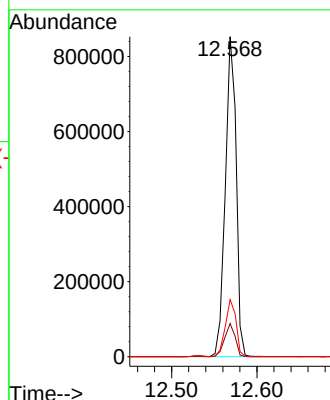
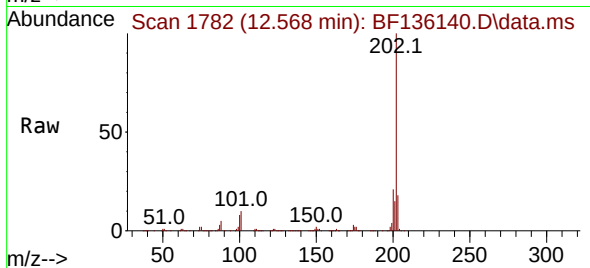
Tgt Ion:	202	Resp:	755672
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.8
203	17.9	0.0	37.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2023

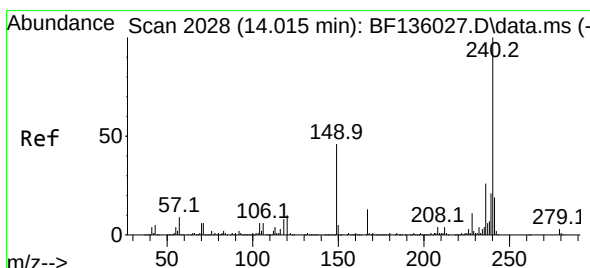
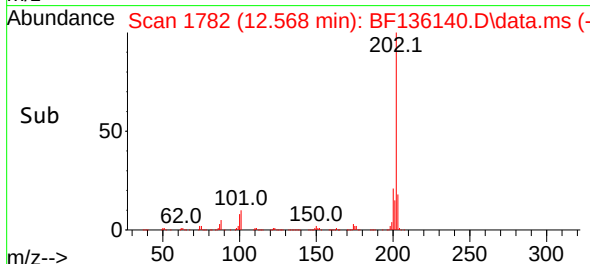
Supervised By :mohammad ahmed 11/07/2023



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Supervised By :mohammad
ahmed

11/07/2023



#76

Chrysene-d12

Concen: 20.000 ng

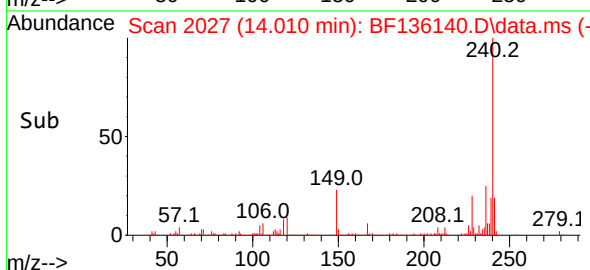
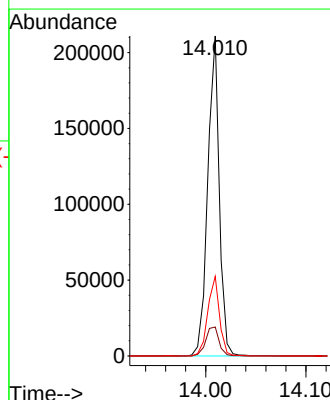
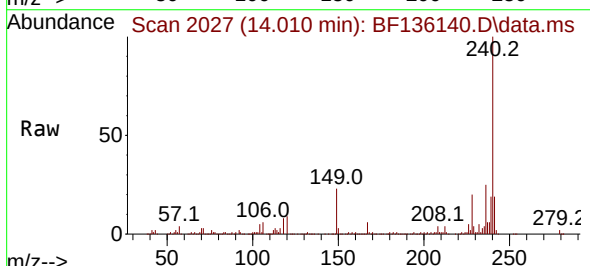
RT: 14.010 min Scan# 2027

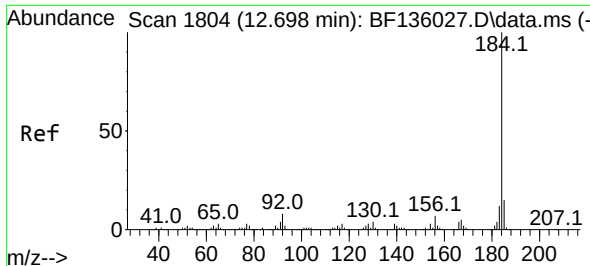
Delta R.T. 0.000 min

Lab File: BF136140.D

Acq: 04 Nov 2023 11:03

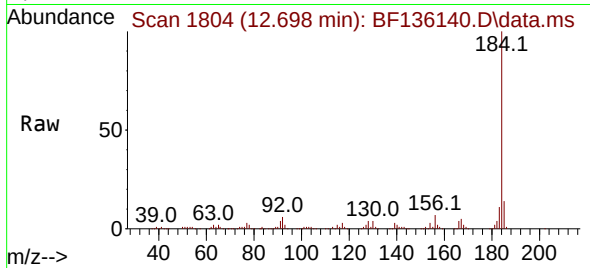
Tgt Ion:	240	Resp:	169738
Ion Ratio	Lower	Upper	
240	100		
120	9.0	7.6	11.4
236	24.8	20.6	31.0





#77
Benzidine
Concen: 55.807 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

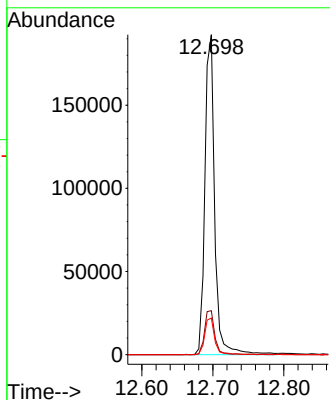
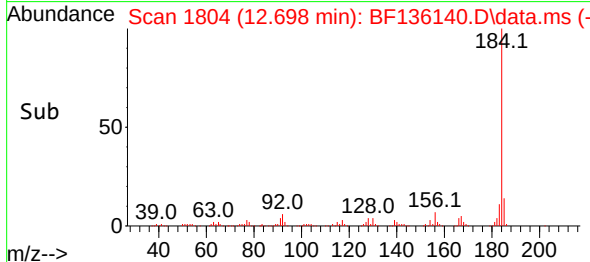
Instrument :
BNA_F
ClientSampleId :
PB156876BS



Tgt Ion:184 Resp: 184628
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.8
183 11.5 9.5 14.3

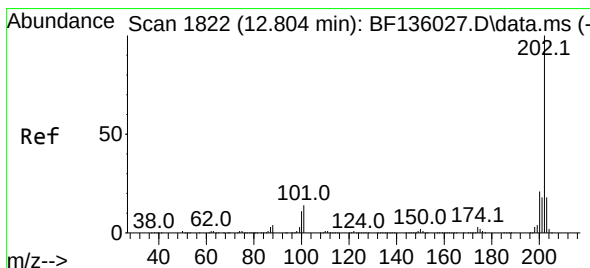
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Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



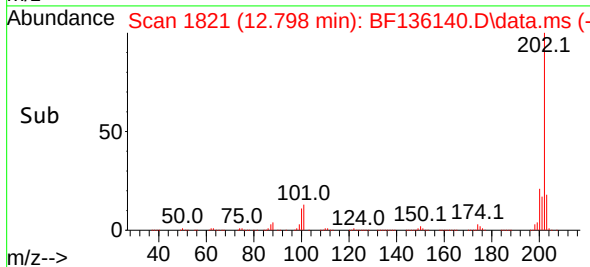
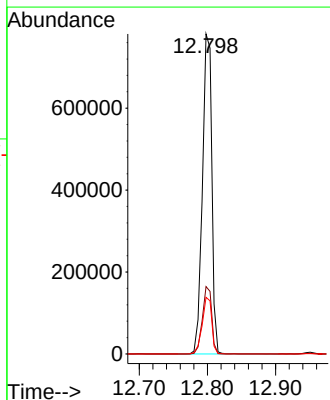
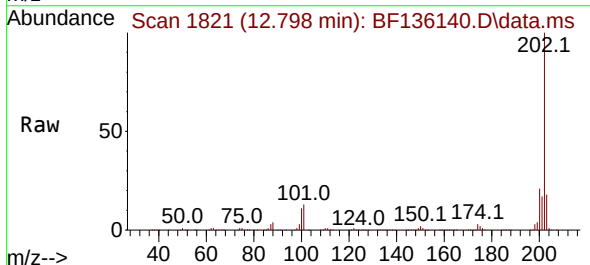
11/06/2023
Supervised By :mohammad
ahmed

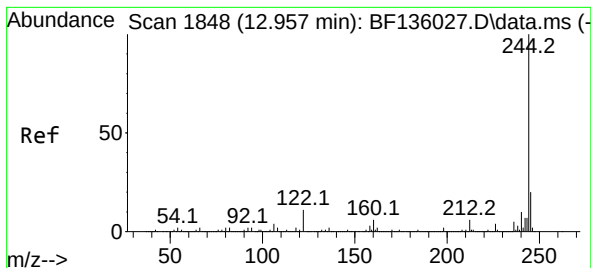
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#78
Pyrene
Concen: 50.143 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion:202 Resp: 750383
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 98.116 ng

RT: 12.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136140.D

Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB156876BS

Tgt Ion:244 Resp: 107166

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

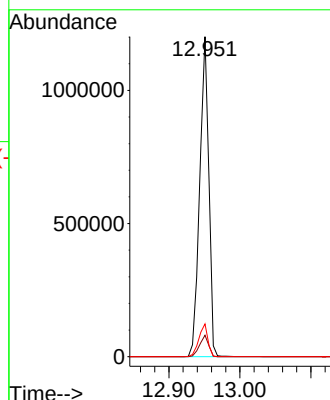
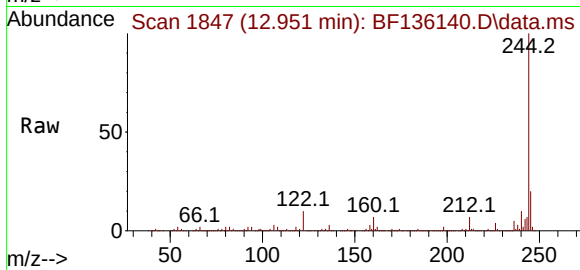
122 10.2 8.6 12.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2023

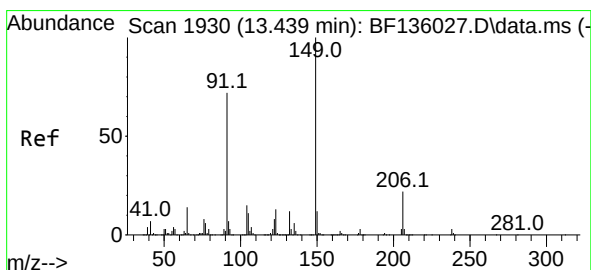
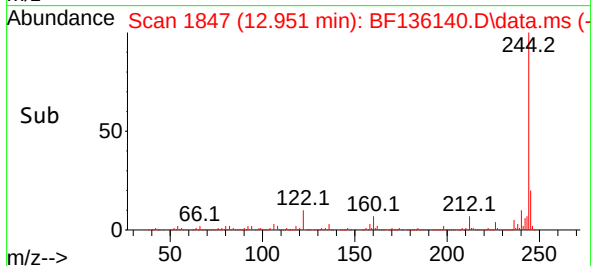
Supervised By :mohammad ahmed 11/07/2023



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Supervised By :mohammad
ahmed

11/07/2023



#80

Butylbenzylphthalate

Concen: 44.776 ng

RT: 13.433 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF136140.D

Acq: 04 Nov 2023 11:03

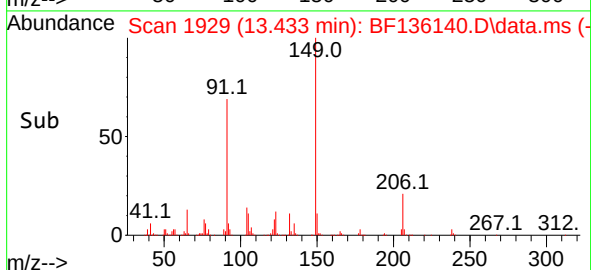
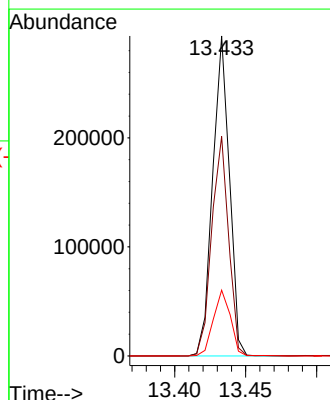
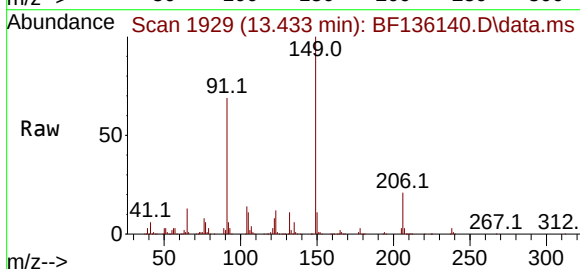
Tgt Ion:149 Resp: 239855

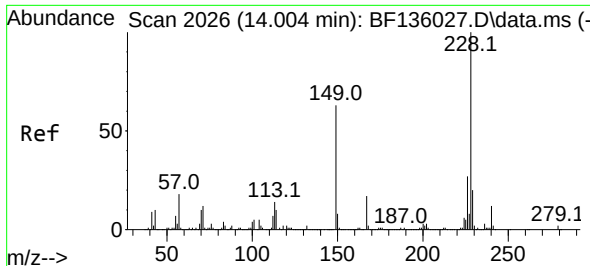
Ion Ratio Lower Upper

149 100

91 68.6 57.6 86.4

206 20.6 17.4 26.0





#81
Benzo(a)anthracene
Concen: 44.061 ng
RT: 13.998 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

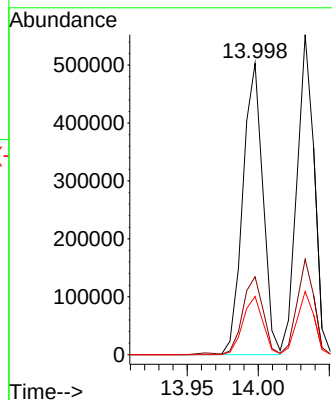
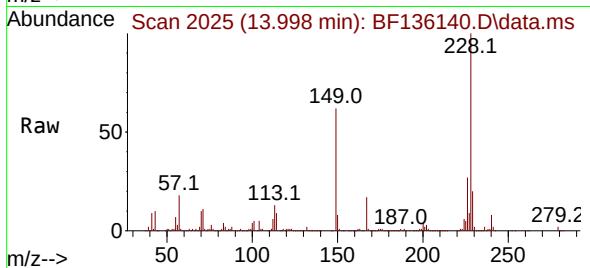
PB156876BS

Tgt Ion:228 Resp: 49512
Ion Ratio Lower Upper
228 100
226 26.8 21.5 32.3
229 20.0 15.8 23.6

Manual Integrations

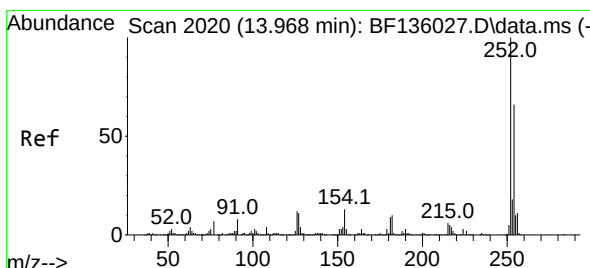
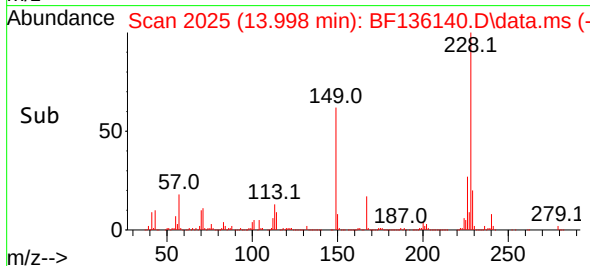
APPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



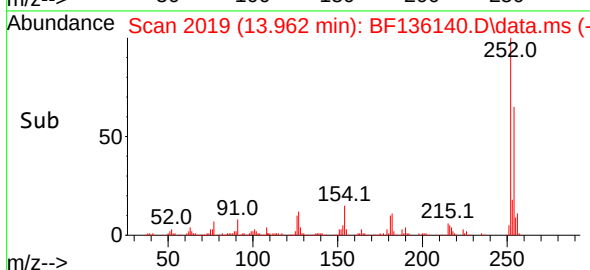
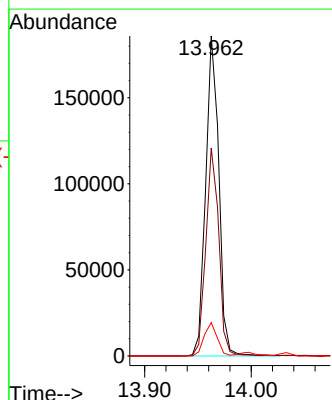
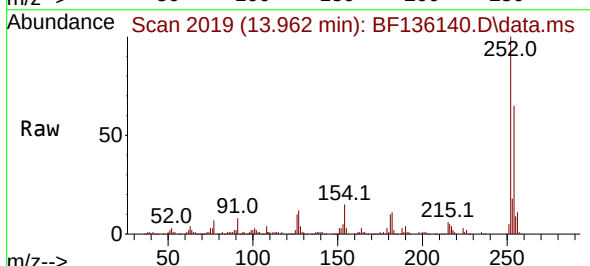
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Supervised By :mohammad
ahmed

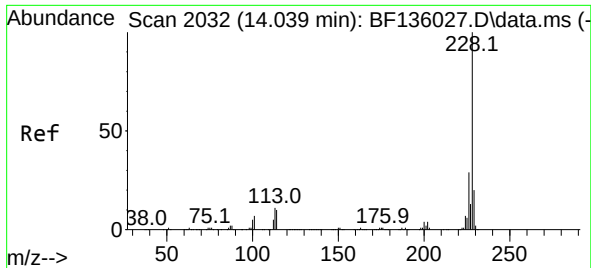
11/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 44.679 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion:252 Resp: 160244
Ion Ratio Lower Upper
252 100
254 65.0 52.5 78.7
126 10.5 9.4 14.2





#83
Chrysene
Concen: 42.267 ng
RT: 14.033 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

ClientSampleId :

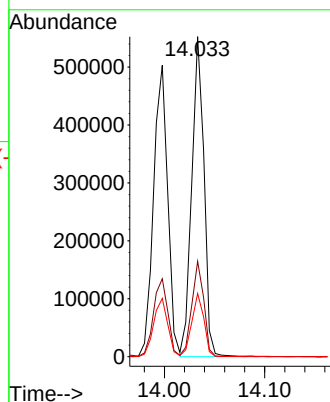
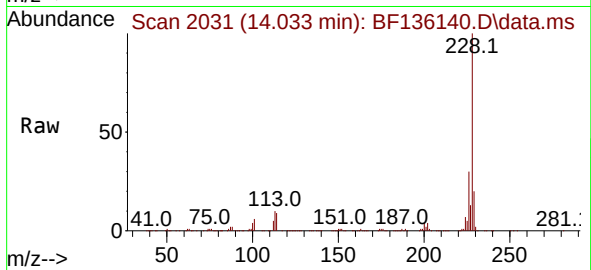
PB156876BS

Tgt Ion:228 Resp: 46775
Ion Ratio Lower Upper
228 100
226 29.8 23.5 35.3
229 19.8 16.0 24.0

Manual Integrations

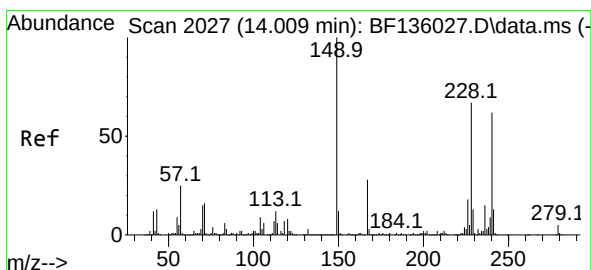
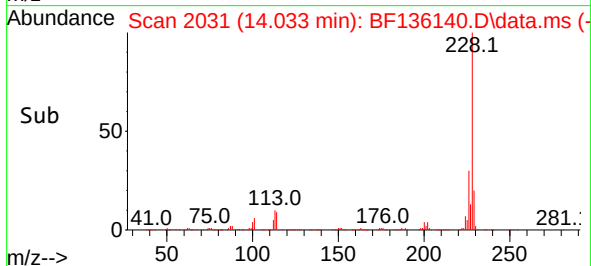
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Supervised By :mohammad ahmed 11/07/2023



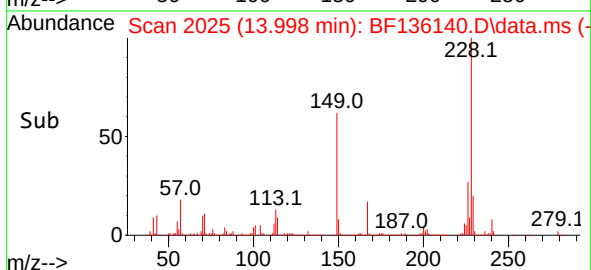
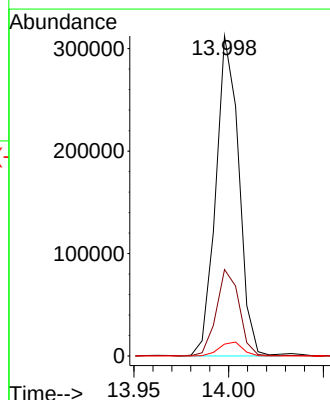
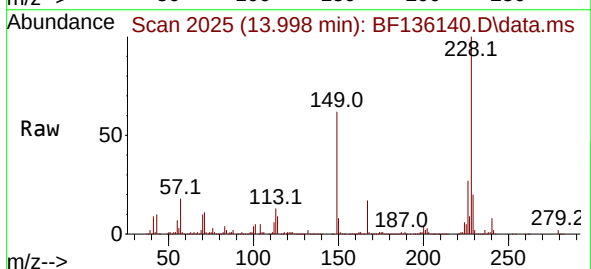
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Supervised By :mohammad
ahmed

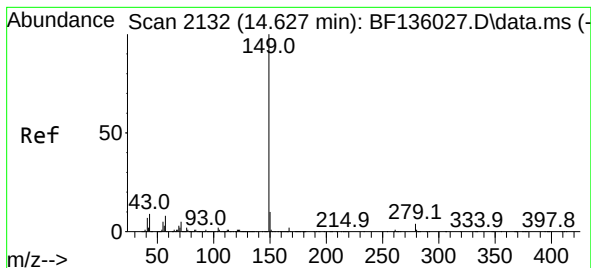
11/07/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.353 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

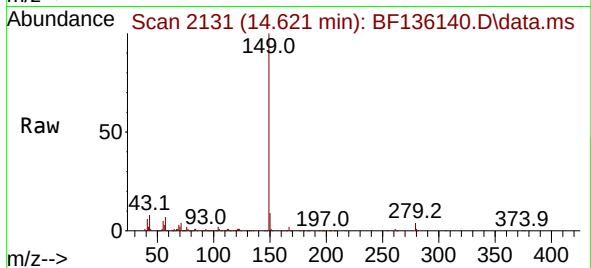
Tgt Ion:149 Resp: 264320
Ion Ratio Lower Upper
149 100
167 27.0 22.6 33.8
279 3.7 4.1 6.1#





#85
Di-n-octyl phthalate
Concen: 42.803 ng
RT: 14.621 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

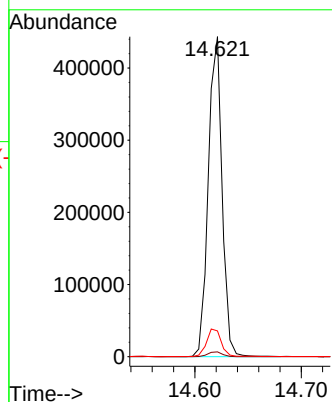
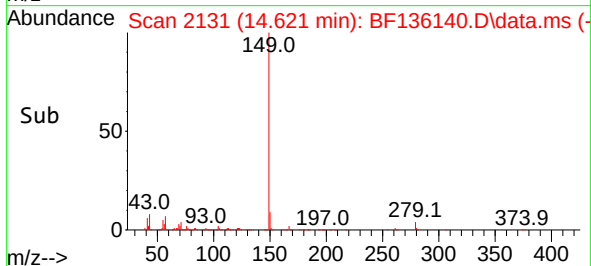
Instrument :
BNA_F
ClientSampleId :
PB156876BS



Tgt Ion:149 Resp: 400174
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4

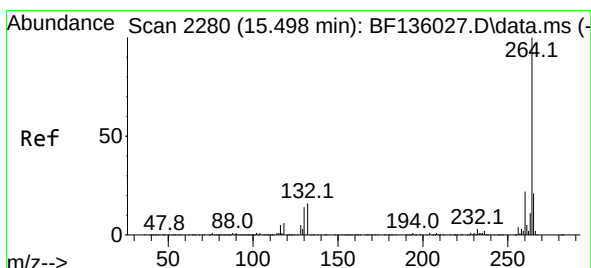
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Supervised By :mohammad ahmed 11/07/2023

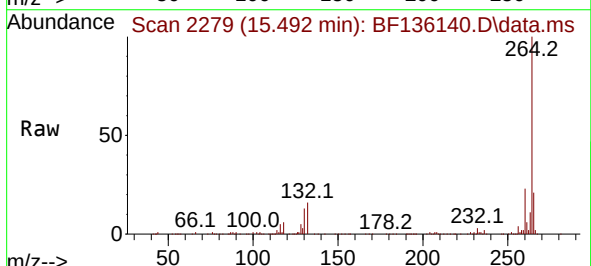


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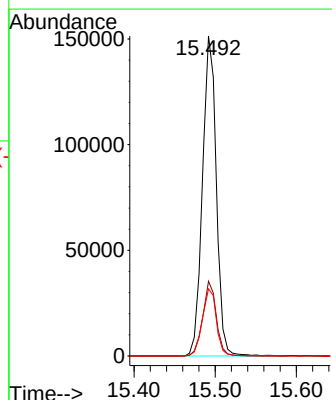
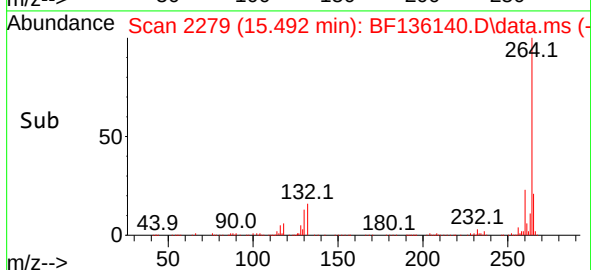
11/07/2023

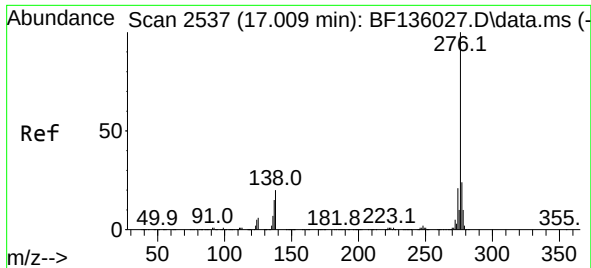


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



Tgt Ion:264 Resp: 179182
Ion Ratio Lower Upper
264 100
260 23.3 17.9 26.9
265 20.9 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.317 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

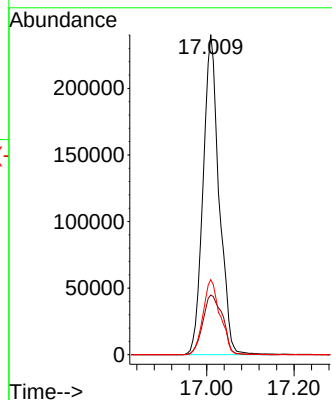
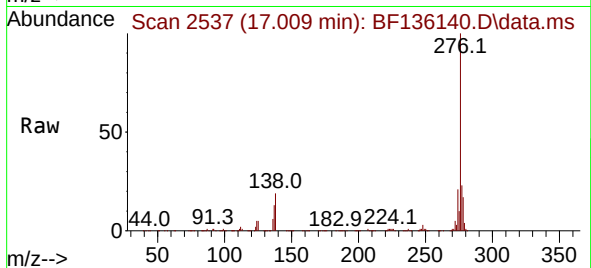
ClientSampleId :

PB156876BS

Tgt Ion:276 Resp: 612658
Ion Ratio Lower Upper
276 100
138 23.1 20.4 30.6
277 25.0 20.2 30.2

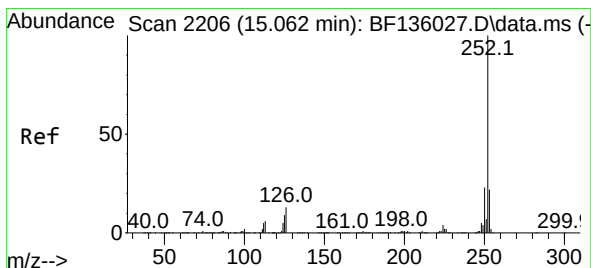
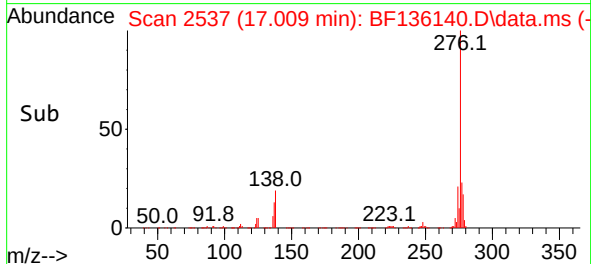
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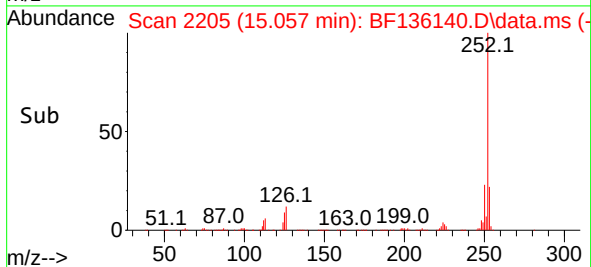
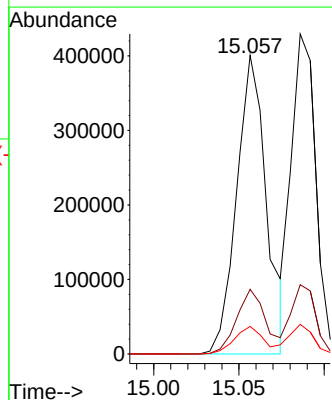
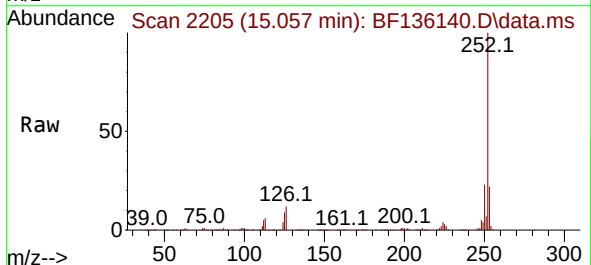
11/06/2023
Supervised By :mohammad
ahmed

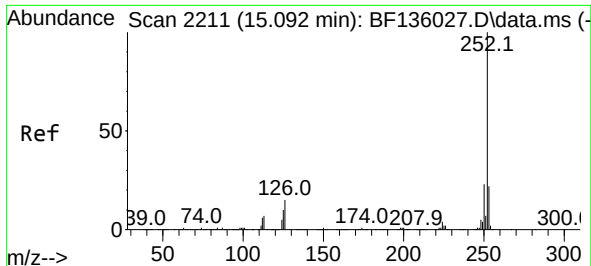
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#88
Benzo(b)fluoranthene
Concen: 45.969 ng
RT: 15.057 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

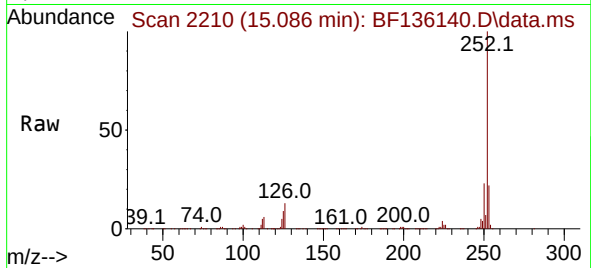
Tgt Ion:252 Resp: 487383
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.2 7.5 11.3





#89
Benzo(k)fluoranthene
Concen: 41.253 ng
RT: 15.086 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

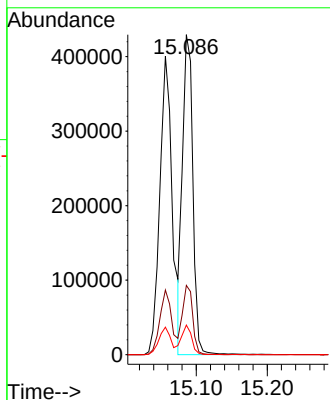
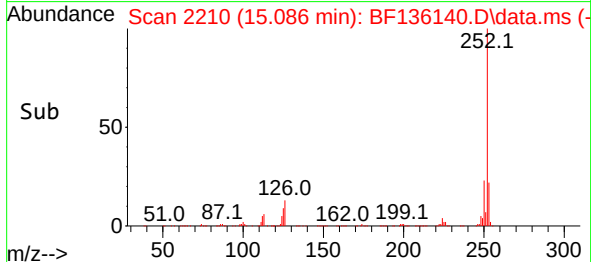
Instrument :
BNA_F
ClientSampleId :
PB156876BS



Tgt Ion:252 Resp: 432774
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.3 8.0 12.0

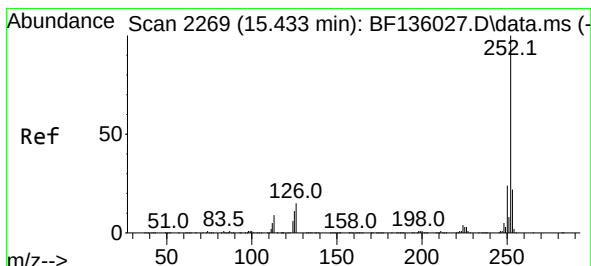
Manual Integrations
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Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

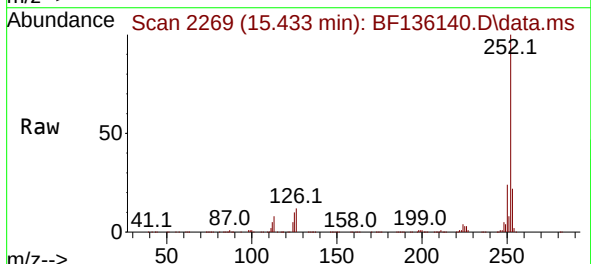


11/06/2023
Supervised By :mohammad
ahmed

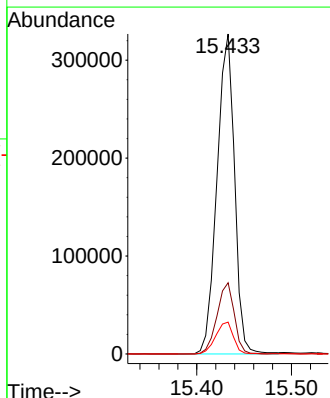
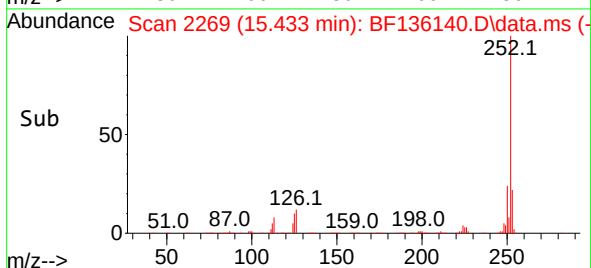
11/07/2023

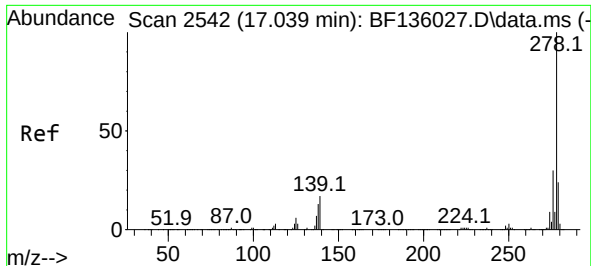


#90
Benzo(a)pyrene
Concen: 42.816 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03



Tgt Ion:252 Resp: 421799
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 10.0 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 52.567 ng
RT: 17.033 min Scan# 2542
Delta R.T. -0.006 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Instrument :

BNA_F

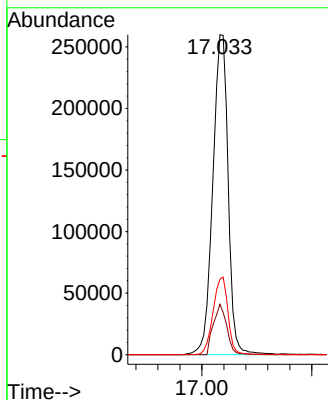
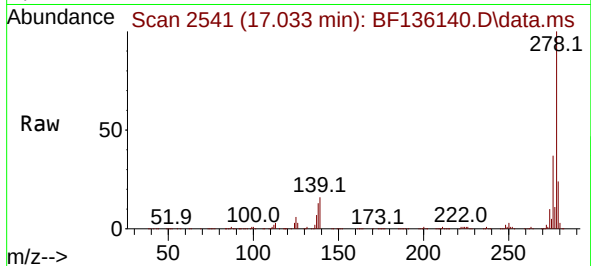
ClientSampleId :

PB156876BS

Tgt Ion:278 Resp: 504249
Ion Ratio Lower Upper
278 100
139 15.8 13.7 20.5
279 23.6 19.0 28.6

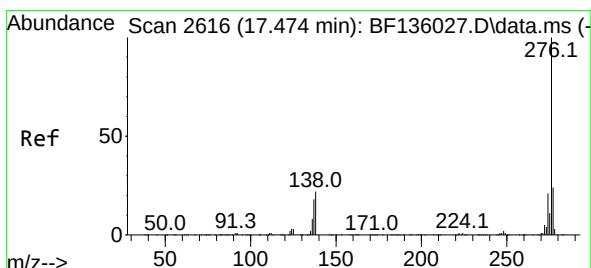
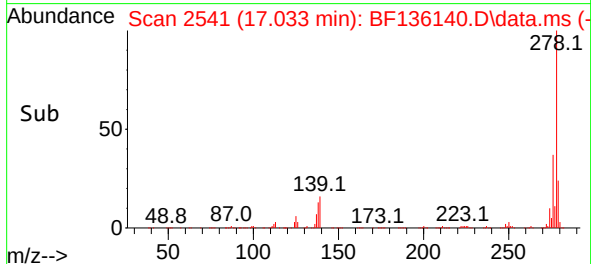
Manual Integrations
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Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



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Supervised By :mohammad
ahmed

11/07/2023



#92
Benzo(g,h,i)perylene
Concen: 46.789 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF136140.D
Acq: 04 Nov 2023 11:03

Tgt Ion:276 Resp: 510147
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 19.1 17.4 26.2

