

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136202.D
 Acq On : 25 Nov 2023 03:57
 Operator : CG\JU
 Sample : PB157233BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157233BS

Quant Time: Nov 27 02:14:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:44:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	132867	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	587081	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	304752	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	585163	20.000	ng	0.00
76) Chrysene-d12	13.986	240	292959	20.000	ng	0.00
86) Perylene-d12	15.462	264	291896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1305574	156.456	ng	0.02
7) Phenol-d6	6.451	99	1595712	155.401	ng	0.00
23) Nitrobenzene-d5	7.375	82	967868	91.998	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	511400	160.224	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2018960	97.929	ng	0.00
79) Terphenyl-d14	12.933	244	2340209	113.390	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.652	88	148040	44.302	ng	96
3) Pyridine	3.404	79	318122	35.431	ng	95
4) n-Nitrosodimethylamine	3.375	42	204280	49.602	ng	95
6) Aniline	6.475	93	495852	38.100	ng	99
8) 2-Chlorophenol	6.592	128	479758	53.407	ng	98
10) Phenol	6.463	94	613286	54.689	ng	93
11) bis(2-Chloroethyl)ether	6.551	93	438234	53.172	ng	97
12) 1,3-Dichlorobenzene	6.751	146	517535	54.617	ng	95
13) 1,4-Dichlorobenzene	6.828	146	525563	55.314	ng	95
14) 1,2-Dichlorobenzene	6.975	146	495286	55.459	ng	93
15) Benzyl Alcohol	6.951	79	355923	46.345	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.087	45	603118	56.015	ng	98
17) 2-Methylphenol	7.063	107	390690	52.127	ng	95
18) Hexachloroethane	7.316	117	183438	52.903	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	339886	57.341	ng	95
20) 3+4-Methylphenols	7.216	107	490268	52.414	ng	95
22) Acetophenone	7.222	105	717023	52.899	ng	# 96
24) Nitrobenzene	7.392	77	490659	47.923	ng	97
25) Isophorone	7.628	82	905629	49.881	ng	95
26) 2-Nitrophenol	7.704	139	222139	44.765	ng	99
27) 2,4-Dimethylphenol	7.745	122	409964	49.184	ng	90
28) bis(2-Chloroethoxy)met...	7.839	93	540396	49.354	ng	94
29) 2,4-Dichlorophenol	7.945	162	392518	48.296	ng	94
30) 1,2,4-Trichlorobenzene	8.028	180	454648	50.241	ng	94
31) Naphthalene	8.110	128	1471846	50.894	ng	96
32) Benzoic acid	7.875	122	254479	42.015	ng	94
33) 4-Chloroaniline	8.157	127	412759	34.410	ng	97
34) Hexachlorobutadiene	8.228	225	254627	46.287	ng	97
35) Caprolactam	8.528	113	128800m	54.734	ng	
36) 4-Chloro-3-methylphenol	8.645	107	426495	49.981	ng	98
37) 2-Methylnaphthalene	8.798	142	913953	47.135	ng	91
38) 1-Methylnaphthalene	8.898	142	858603	47.726	ng	88
40) 1,2,4,5-Tetrachloroben...	8.963	216	441824	48.374	ng	98
41) Hexachlorocyclopentadiene	8.951	237	533092	113.186	ng	94
43) 2,4,6-Trichlorophenol	9.081	196	267821	46.830	ng	95
44) 2,4,5-Trichlorophenol	9.128	196	313384	47.566	ng	# 93

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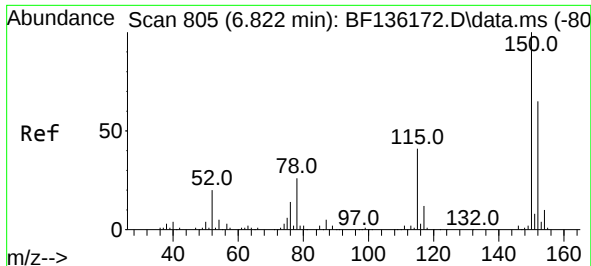
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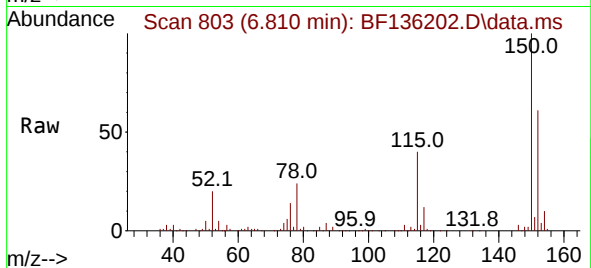
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) 1,1'-Biphenyl	9.269	154	1232404	51.536	ng	96	11/27/2023
47) 2-Chloronaphthalene	9.292	162	918401	52.543	ng	93	Supervised By :mohammad ahmed
48) 2-Nitroaniline	9.386	65	262157	49.192	ng	84	
49) Acenaphthylene	9.704	152	1389152	51.487	ng	96	
50) Dimethylphthalate	9.575	163	1070202	51.975	ng	97	
51) 2,6-Dinitrotoluene	9.633	165	213153	47.706	ng	95	
52) Acenaphthene	9.880	154	841481m	46.826	ng		11/27/2023
53) 3-Nitroaniline	9.804	138	192076	40.320	ng	94	
54) 2,4-Dinitrophenol	9.910	184	216734	98.014	ng	94	
55) Dibenzofuran	10.051	168	1293195	51.759	ng	98	
56) 4-Nitrophenol	9.969	139	318237	100.528	ng	96	
57) 2,4-Dinitrotoluene	10.039	165	301441	53.120	ng	98	
58) Fluorene	10.398	166	992516	52.340	ng	90	
59) 2,3,4,6-Tetrachlorophenol	10.169	232	262779	52.625	ng	95	
60) Diethylphthalate	10.275	149	1058315	51.233	ng	95	
61) 4-Chlorophenyl-phenyle...	10.386	204	478193	49.607	ng	97	
62) 4-Nitroaniline	10.422	138	218279	50.276	ng	94	
63) Azobenzene	10.551	77	981736	54.318	ng	94	
65) 4,6-Dinitro-2-methylph...	10.445	198	148224	44.399	ng	97	
66) n-Nitrosodiphenylamine	10.510	169	874404	47.100	ng	92	
67) 4-Bromophenyl-phenylether	10.880	248	301319	46.235	ng	96	
68) Hexachlorobenzene	10.939	284	344201	49.747	ng	97	
69) Atrazine	11.039	200	167988	35.718	ng	95	
70) Pentachlorophenol	11.139	266	358815	92.723	ng	97	
71) Phenanthrene	11.363	178	1557757	51.985	ng	96	
72) Anthracene	11.410	178	1604685	52.462	ng	95	
73) Carbazole	11.569	167	1318182	53.782	ng	98	
74) Di-n-butylphthalate	11.904	149	1664313	57.400	ng	# 96	
75) Fluoranthene	12.551	202	1507412	55.086	ng	96	
77) Benzidine	12.674	184	269072	53.042	ng	98	
78) Pyrene	12.780	202	1494444	54.552	ng	95	
80) Butylbenzylphthalate	13.410	149	493267	56.507	ng	93	
81) Benzo(a)anthracene	13.974	228	1007156	51.831	ng	95	
82) 3,3'-Dichlorobenzidine	13.939	252	314992	50.495	ng	95	
83) Chrysene	14.010	228	977319	51.409	ng	96	
84) Bis(2-ethylhexyl)phtha...	13.974	149	626013	59.415	ng	95	
85) Di-n-octyl phthalate	14.592	149	980817	55.600	ng	98	
87) Indeno(1,2,3-cd)pyrene	16.974	276	1069925	50.027	ng	98	
88) Benzo(b)fluoranthene	15.027	252	961115	59.638	ng	96	
89) Benzo(k)fluoranthene	15.063	252	901187	55.531	ng	96	
90) Benzo(a)pyrene	15.404	252	829303	52.173	ng	95	
91) Dibenzo(a,h)anthracene	16.998	278	882461	49.787	ng	97	
92) Benzo(g,h,i)perylene	17.439	276	849904	47.295	ng	94	

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136202.D
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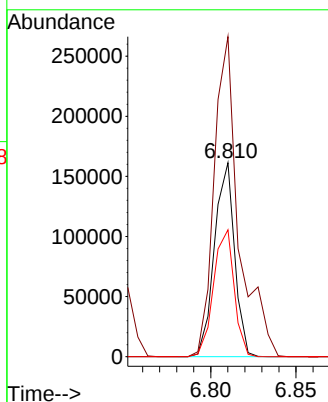
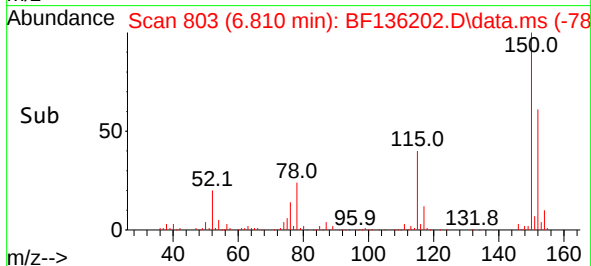
Instrument :
 BNA_F
 ClientSampleId :
 PB157233BS



Tgt Ion: 152 Resp: 13286
 Ion Ratio Lower Upper
 152 100
 150 164.9 123.1 184.7
 115 65.4 50.5 75.7

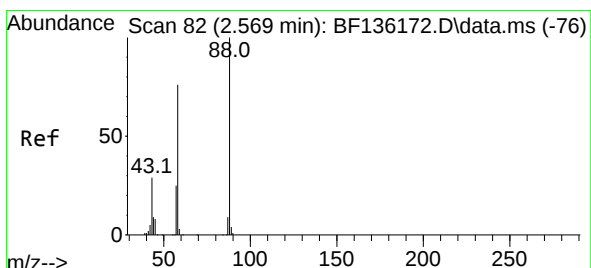
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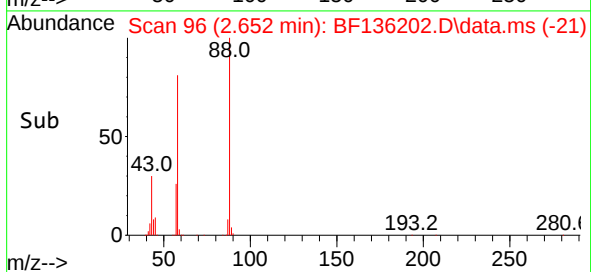
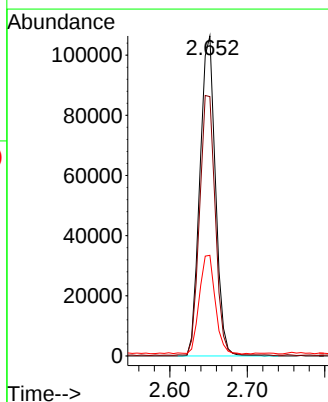
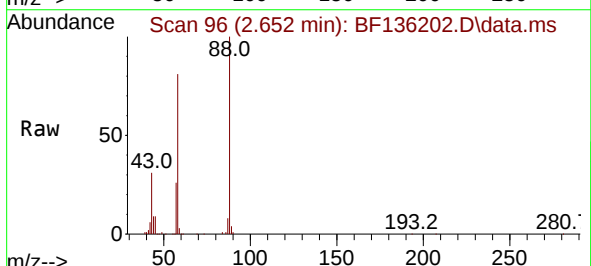
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 ahmed

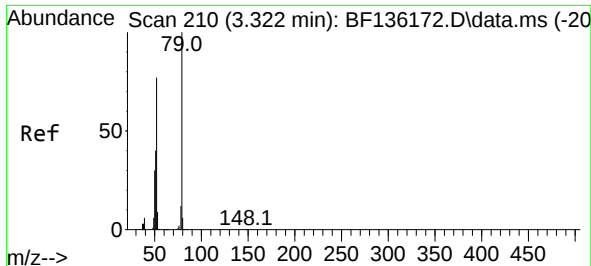
11/27/2023



#2
 1,4-Dioxane
 Concen: 44.302 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.094 min
 Lab File: BF136202.D
 Acq: 25 Nov 2023 03:57

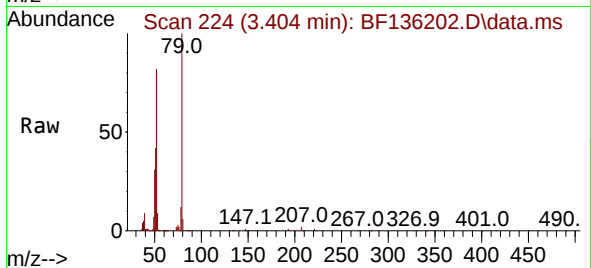
Tgt Ion: 88 Resp: 148040
 Ion Ratio Lower Upper
 88 100
 58 82.3 62.8 94.2
 43 31.5 23.9 35.9





#3
Pyridine
Concen: 35.431 ng
RT: 3.404 min Scan# 210
Delta R.T. 0.082 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

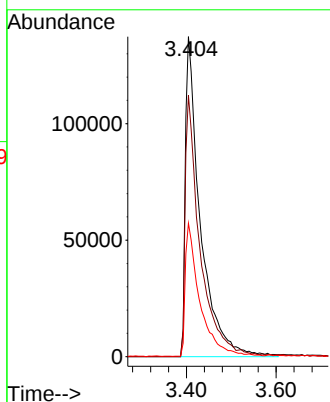
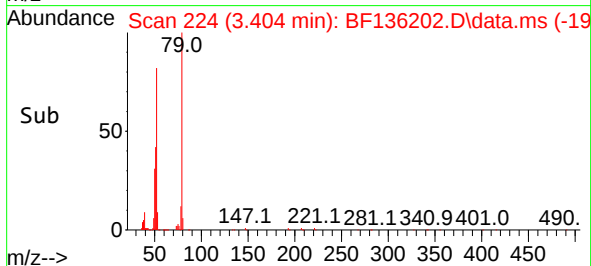
Instrument :
BNA_F
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PB157233BS



Tgt Ion: 79 Resp: 31812
Ion Ratio Lower Upper
79 100
52 81.7 61.8 92.6
51 41.7 31.6 47.4

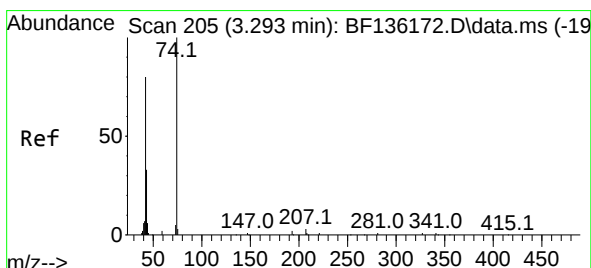
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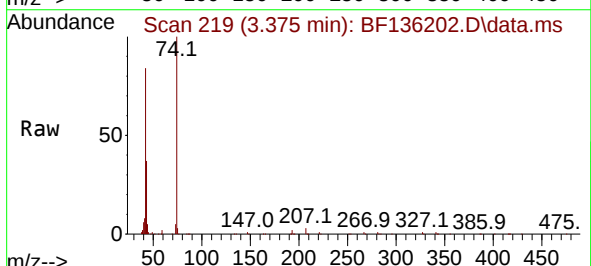


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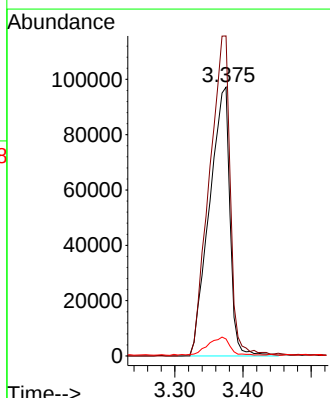
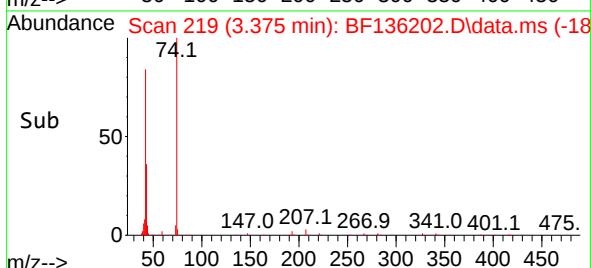
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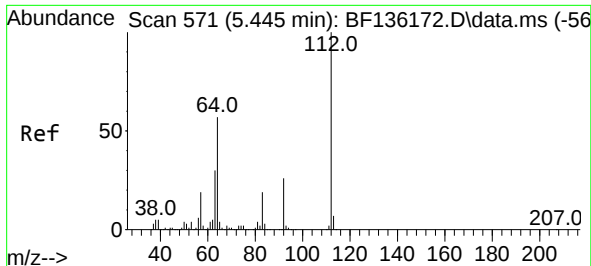


#4
n-Nitrosodimethylamine
Concen: 49.602 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.094 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57



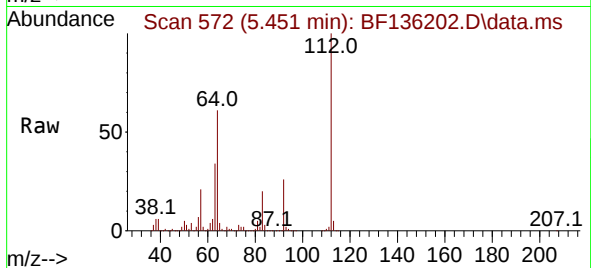
Tgt Ion: 42 Resp: 204280
Ion Ratio Lower Upper
42 100
74 119.1 100.2 150.2
44 6.3 5.6 8.4





#5
2-Fluorophenol
Concen: 156.456 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

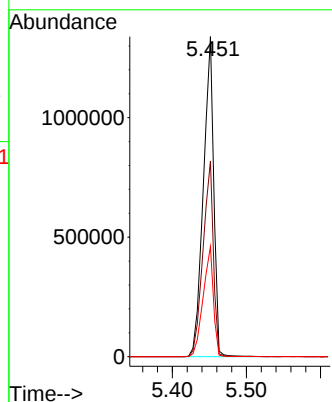
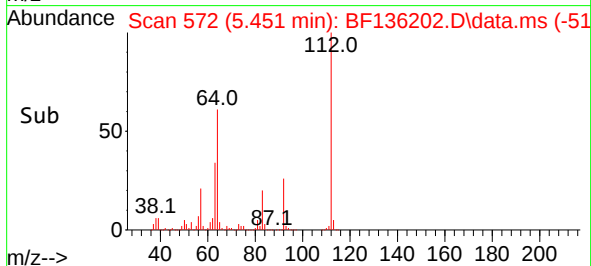
Instrument :
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Tgt Ion:112 Resp: 1305574
Ion Ratio Lower Upper
112 100
64 61.2 45.4 68.0
63 34.4 24.4 36.6

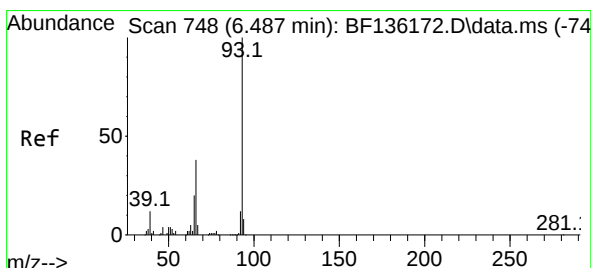
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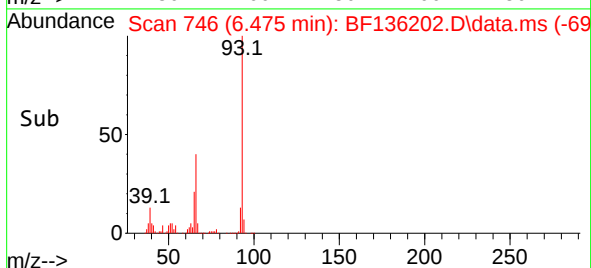
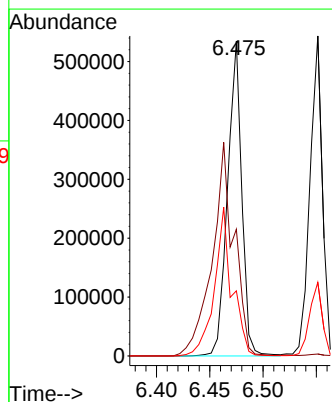
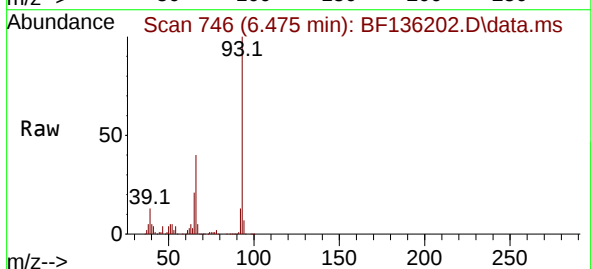
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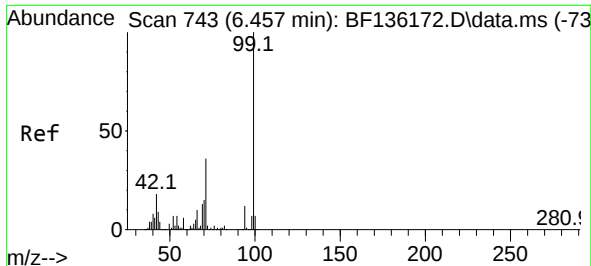
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#6
Aniline
Concen: 38.100 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion: 93 Resp: 495852
Ion Ratio Lower Upper
93 100
66 40.3 31.7 47.5
65 20.7 16.1 24.1





#7

Phenol-d6

Concen: 155.401 ng

RT: 6.451 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

PB157233BS

Tgt Ion: 99 Resp: 159571

Ion Ratio Lower Upper

99 100

42 18.7 14.1 21.1

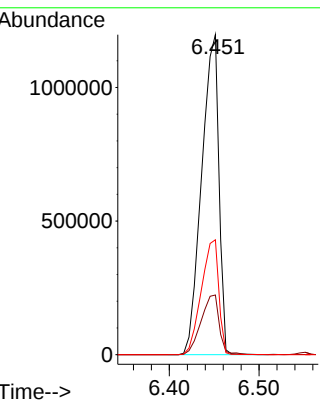
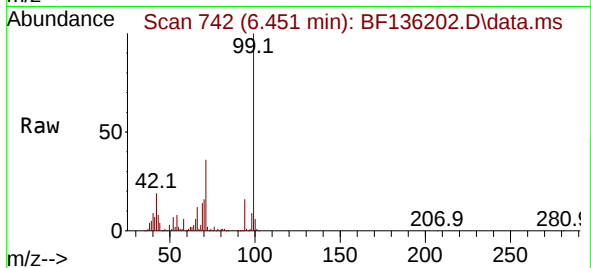
71 35.9 29.0 43.4

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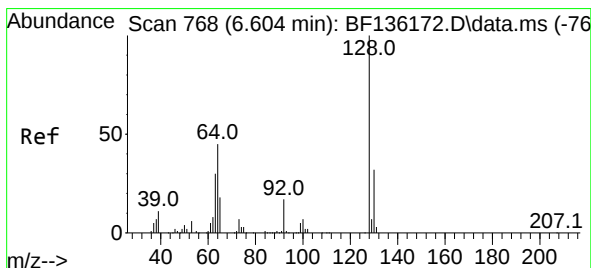
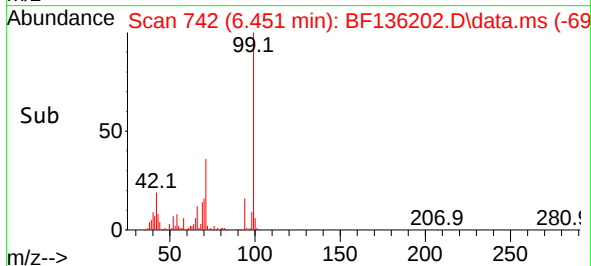
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ahmed

11/27/2023



#8

2-Chlorophenol

Concen: 53.407 ng

RT: 6.592 min Scan# 766

Delta R.T. -0.006 min

Lab File: BF136202.D

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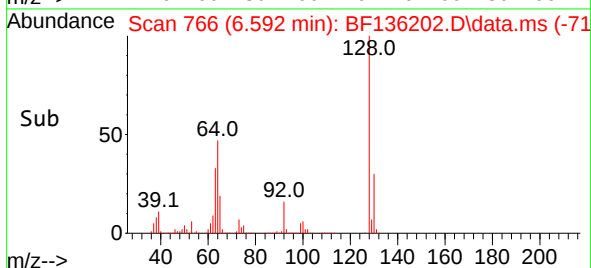
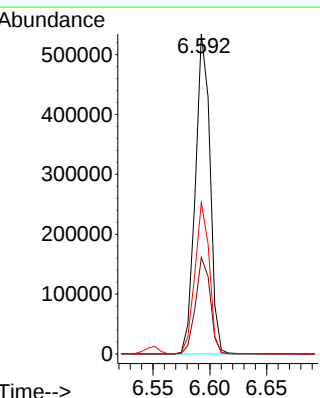
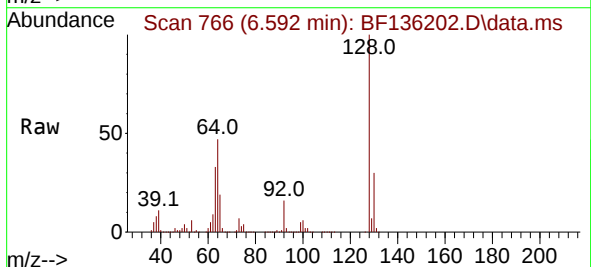
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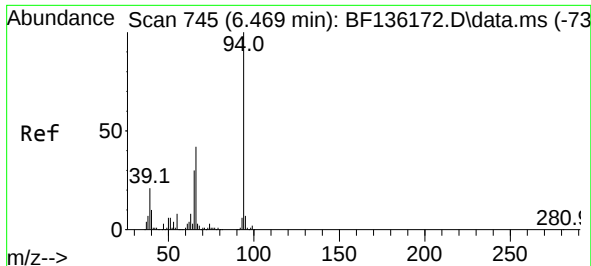
Ion Ratio Lower Upper

128 100

130 30.1 12.2 52.2

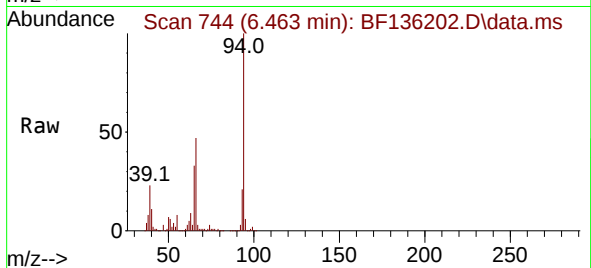
64 47.3 26.5 66.5





#10
Phenol
Concen: 54.689 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

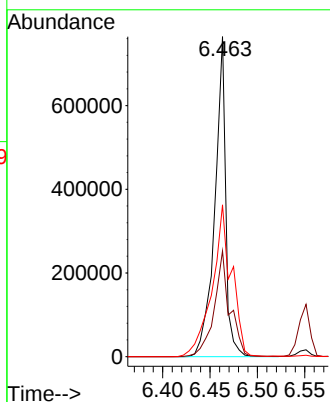
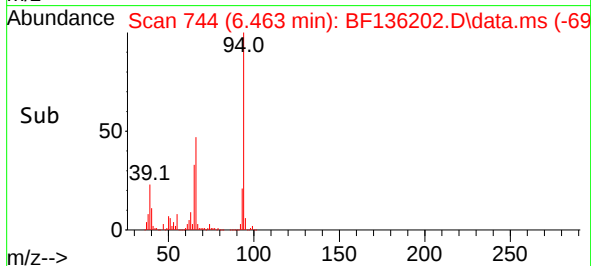
Instrument :
BNA_F
ClientSampleId :
PB157233BS



Tgt Ion: 94 Resp: 613280
Ion Ratio Lower Upper
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65 33.1 9.7 49.7
66 47.4 22.5 62.5

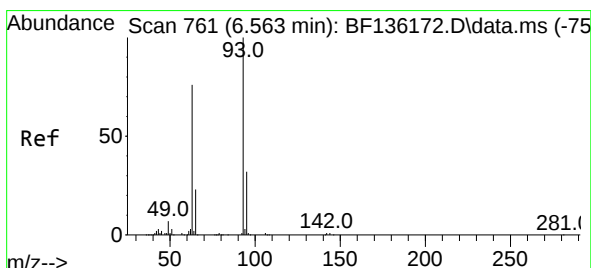
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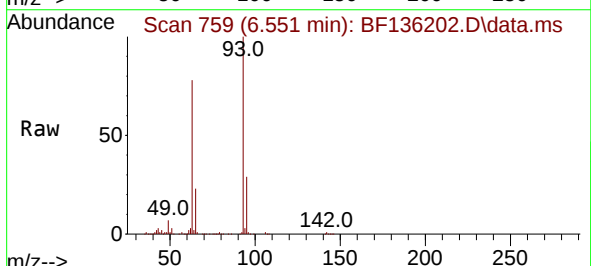


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ahmed

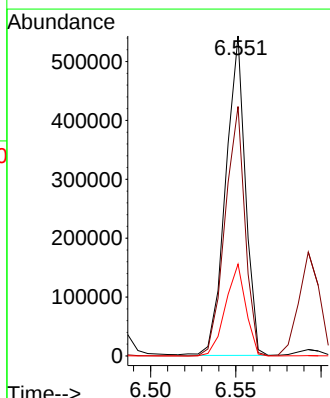
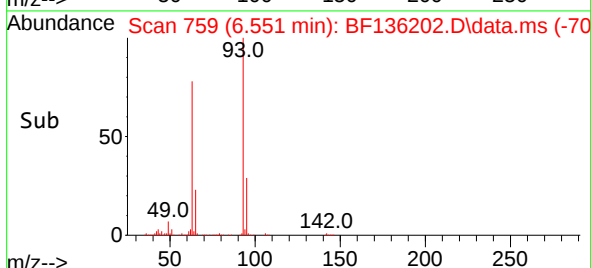
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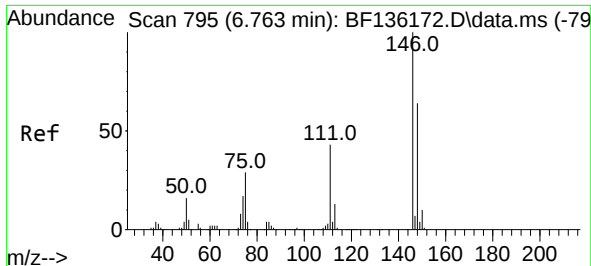


#11
bis(2-Chloroethyl)ether
Concen: 53.172 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57



Tgt Ion: 93 Resp: 438234
Ion Ratio Lower Upper
93 100
63 77.9 56.3 96.3
95 28.7 12.1 52.1





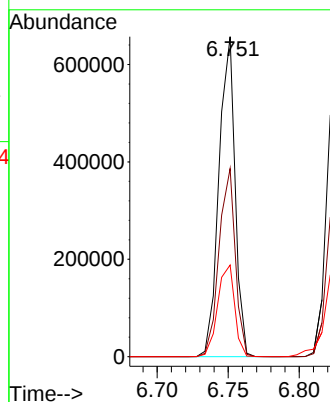
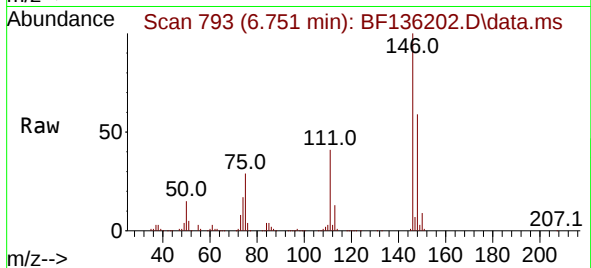
#12
1,3-Dichlorobenzene
Concen: 54.617 ng
RT: 6.751 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :
BNA_F
ClientSampleId :
PB157233BS

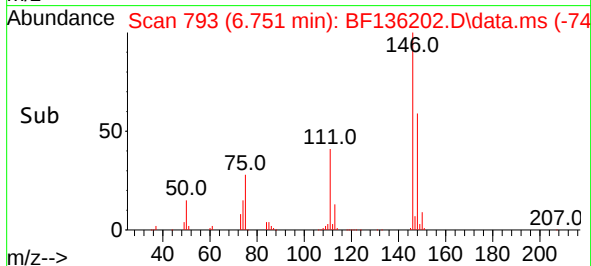
Tgt Ion:146 Resp: 51753
Ion Ratio Lower Upper
146 100
148 58.8 51.2 76.8
75 28.6 23.4 35.2

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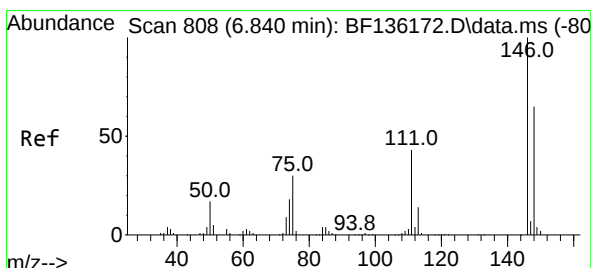
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



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Supervised By :mohammad
ahmed

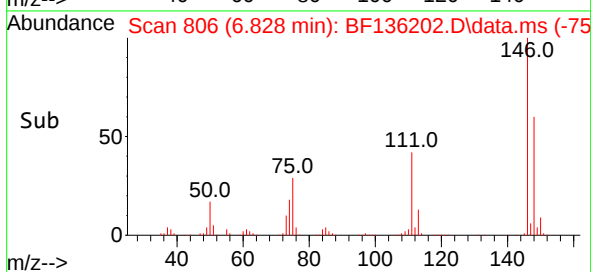
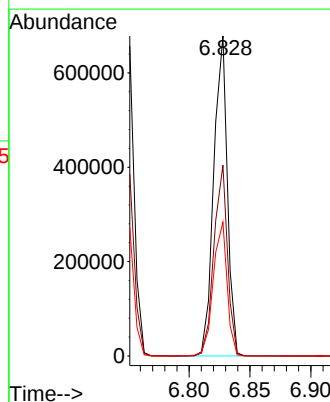
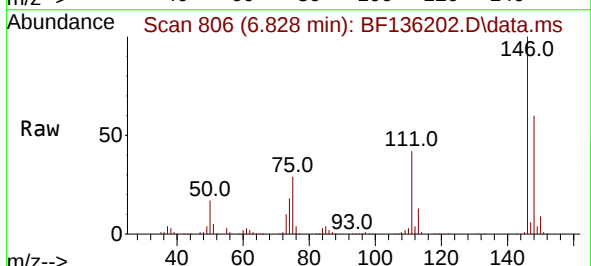


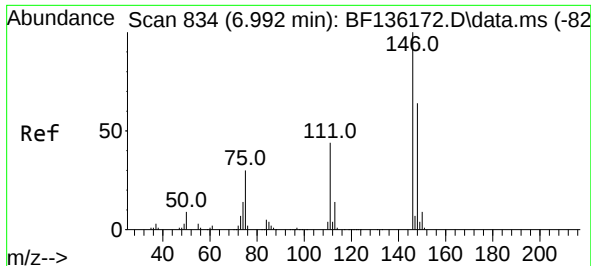
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#13
1,4-Dichlorobenzene
Concen: 55.314 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:146 Resp: 525563
Ion Ratio Lower Upper
146 100
148 59.6 51.8 77.8
111 41.8 34.3 51.5





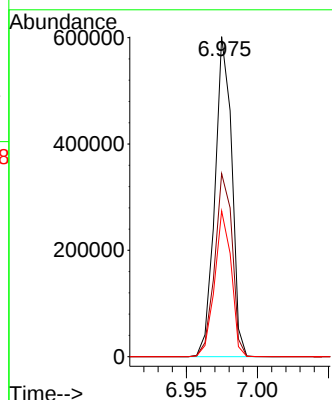
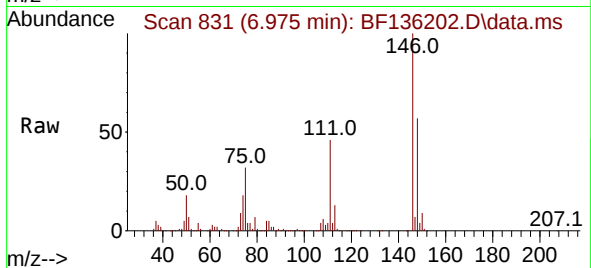
#14
1,2-Dichlorobenzene
Concen: 55.459 ng
RT: 6.975 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :
BNA_F
ClientSampleId :
PB157233BS

Tgt Ion:146 Resp: 495280
Ion Ratio Lower Upper
146 100
148 57.2 51.4 77.2
111 45.5 35.0 52.4

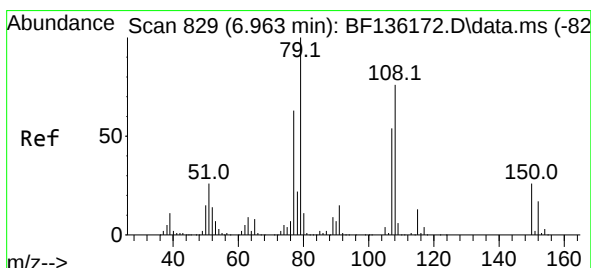
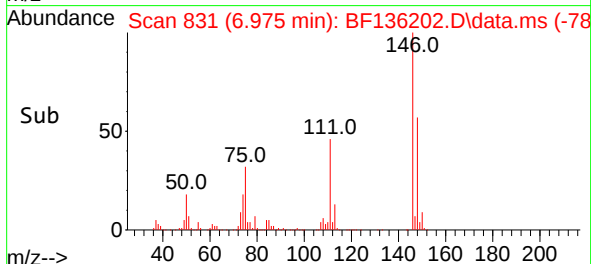
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Supervised By :mohammad ahmed 11/27/2023



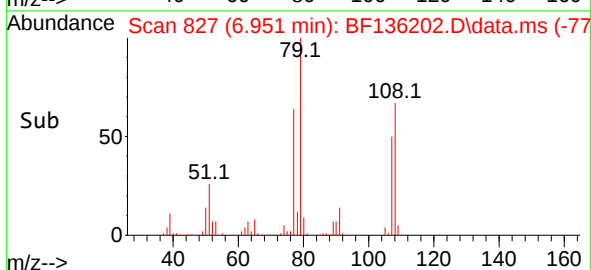
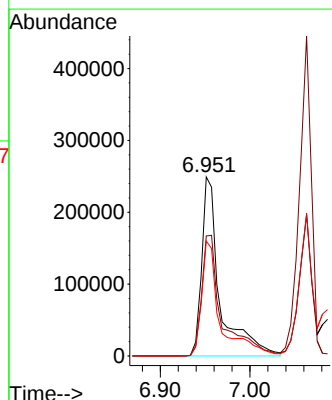
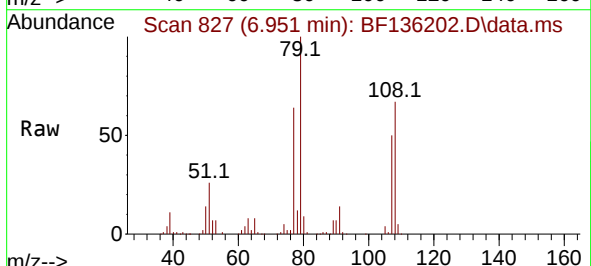
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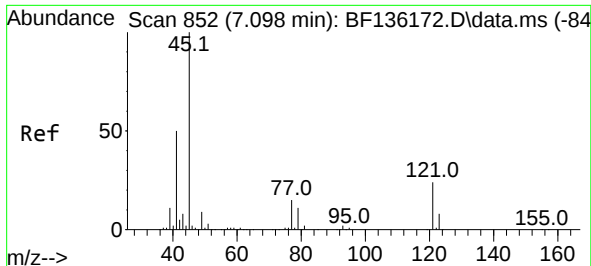
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#15
Benzyl Alcohol
Concen: 46.345 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

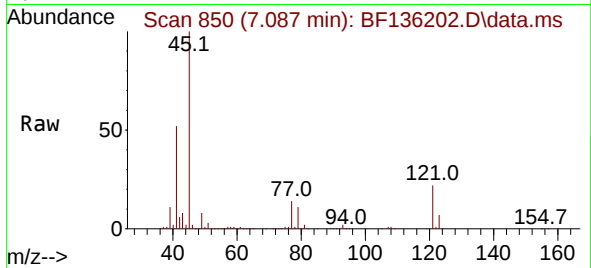
Tgt Ion: 79 Resp: 355923
Ion Ratio Lower Upper
79 100
108 67.0 60.6 90.8
77 64.2 50.3 75.5





#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.015 ng
RT: 7.087 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

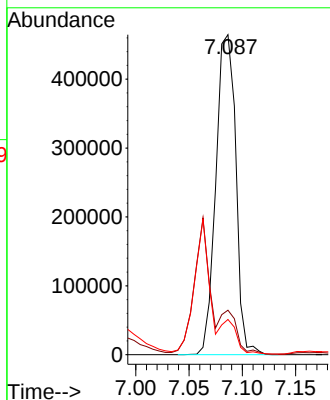
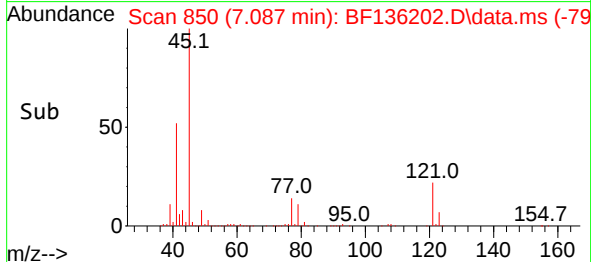
Instrument :
BNA_F
ClientSampleId :
PB157233BS



Tgt Ion: 45 Resp: 603118
Ion Ratio Lower Upper
45 100
77 13.9 0.0 35.2
79 11.0 0.0 31.2

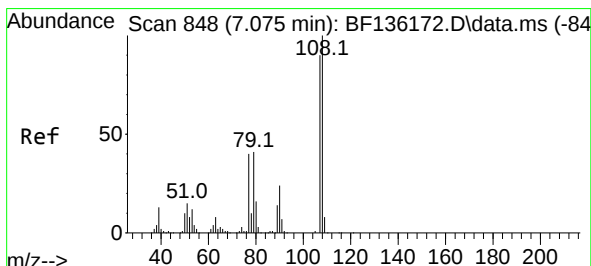
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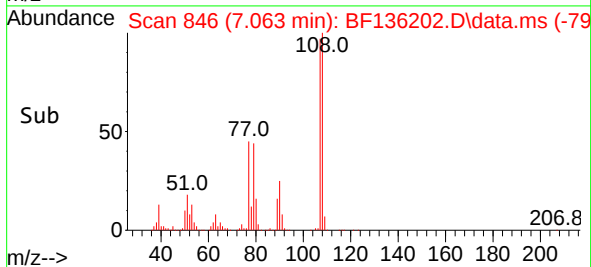
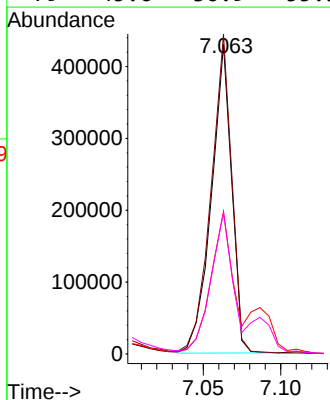
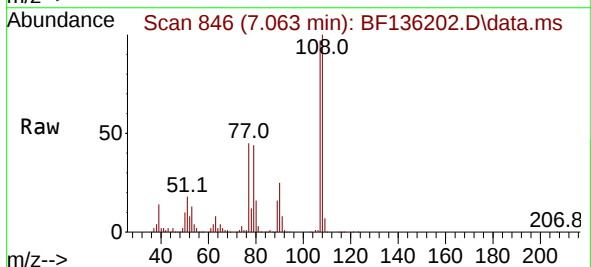
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Supervised By :mohammad
ahmed

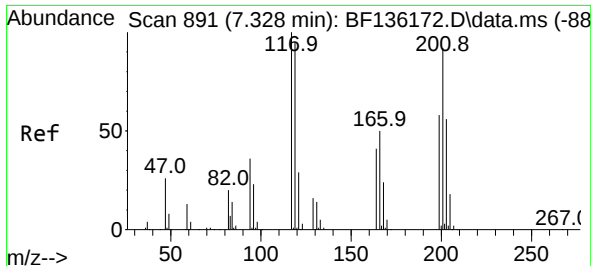
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#17
2-Methylphenol
Concen: 52.127 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:107 Resp: 390690
Ion Ratio Lower Upper
107 100
108 103.3 89.4 134.2
77 46.0 35.9 53.9
79 45.6 36.9 55.3





#18
Hexachloroethane
Concen: 52.903 ng
RT: 7.316 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

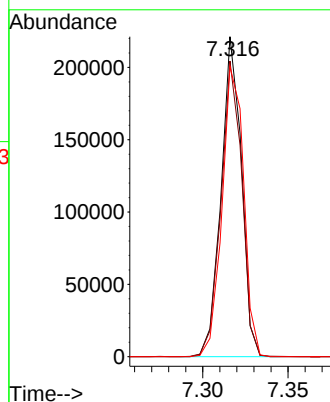
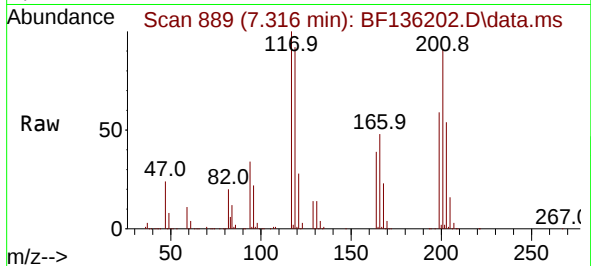
ClientSampleId :

PB157233BS

Tgt Ion:117 Resp: 183438
Ion Ratio Lower Upper
117 100
119 92.4 76.2 114.4
201 90.7 73.7 110.5

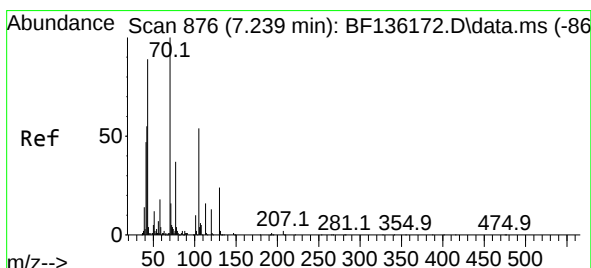
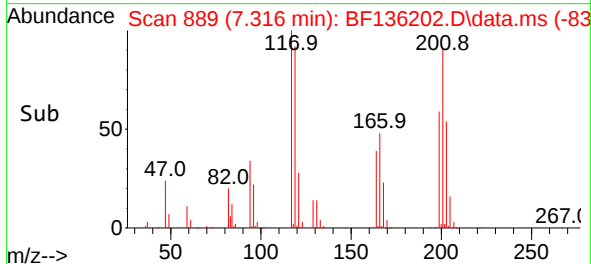
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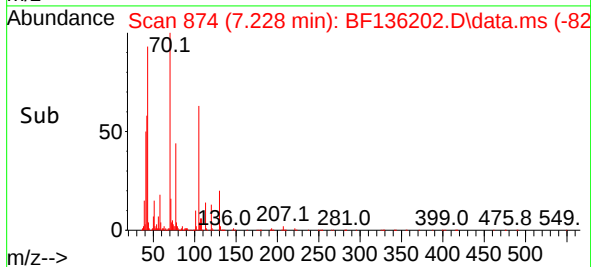
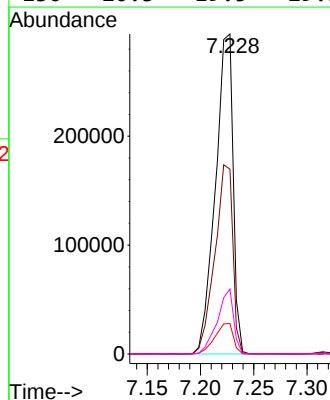
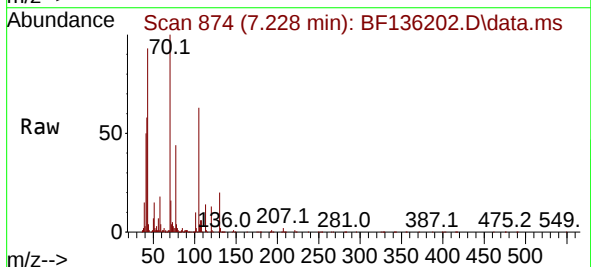
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Supervised By :mohammad
ahmed

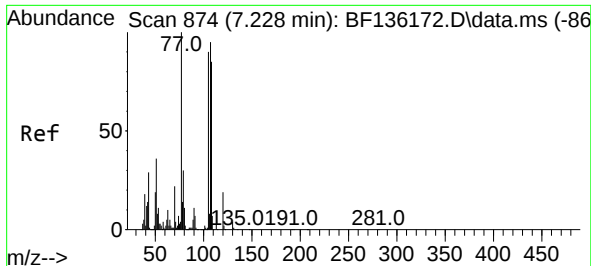
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#19
n-Nitroso-di-n-propylamine
Concen: 57.341 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion: 70 Resp: 339886
Ion Ratio Lower Upper
70 100
42 57.7 43.9 65.9
101 9.5 8.1 12.1
130 20.3 19.5 29.3





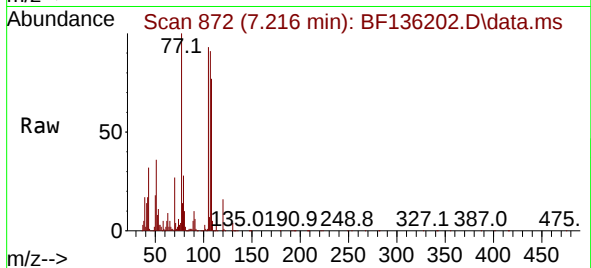
#20
3+4-Methylphenols
Concen: 52.414 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

PB157233BS



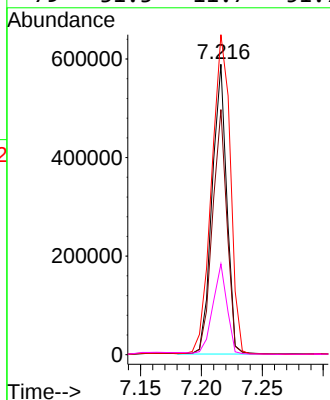
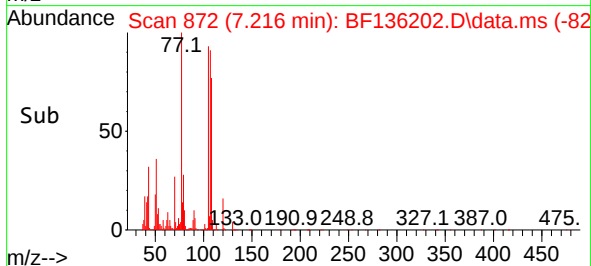
Tgt Ion:107 Resp: 490268
Ion Ratio Lower Upper
107 100
108 84.4 70.1 110.1
77 110.2 85.7 125.7
79 31.3 11.7 51.7

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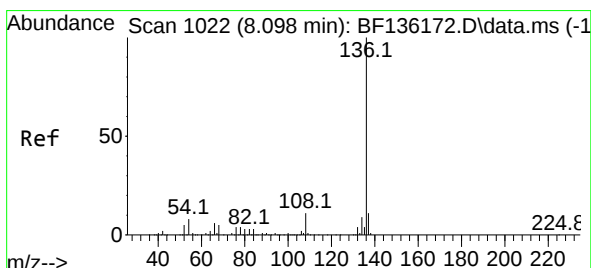
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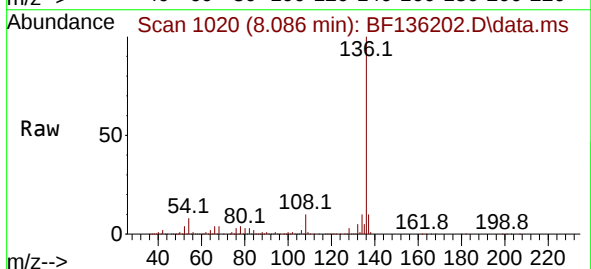
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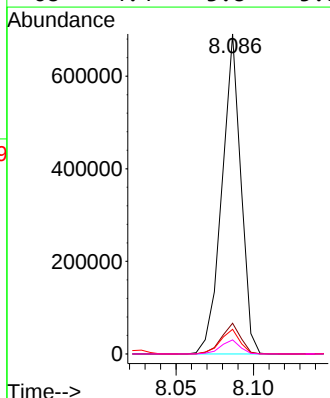
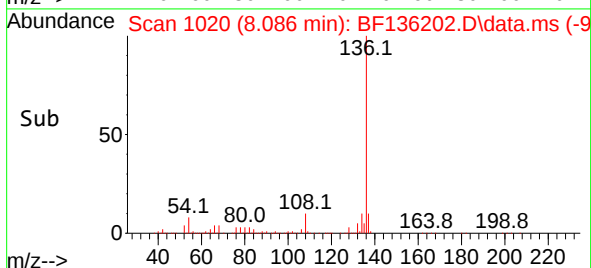
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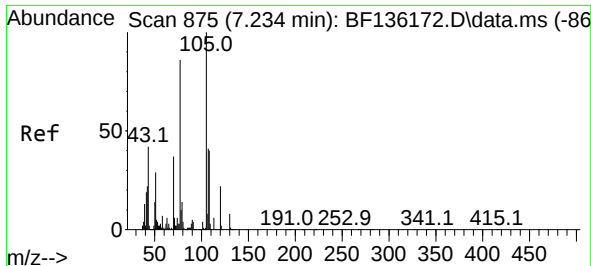


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57



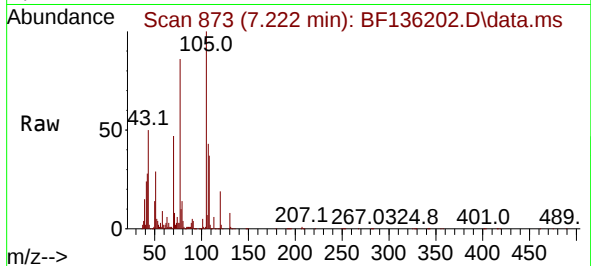
Tgt Ion:136 Resp: 587081
Ion Ratio Lower Upper
136 100
137 9.6 8.6 13.0
54 7.7 6.3 9.5
68 4.4 3.8 5.8





#22
Acetophenone
Concen: 52.899 ng
RT: 7.222 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

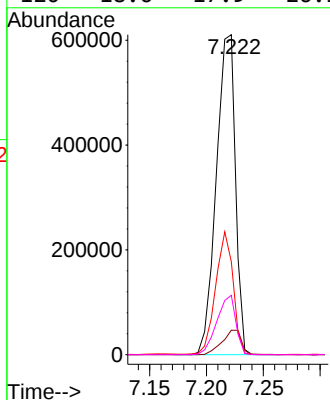
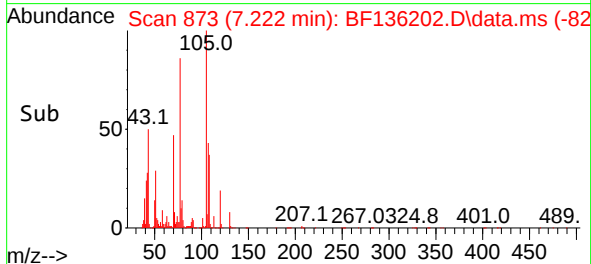
Instrument :
BNA_F
ClientSampleId :
PB157233BS



Tgt Ion:105 Resp: 71702
Ion Ratio Lower Upper
105 100
71 7.7 5.0 7.4
51 29.1 23.5 35.3
120 18.6 17.9 26.9

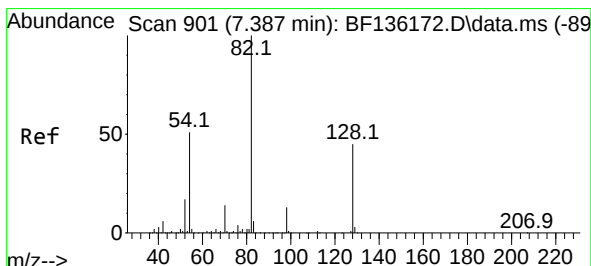
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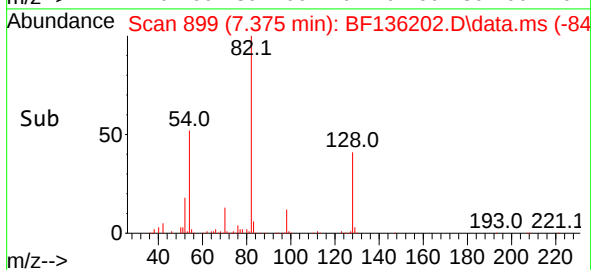
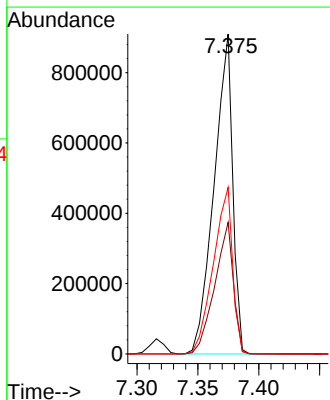
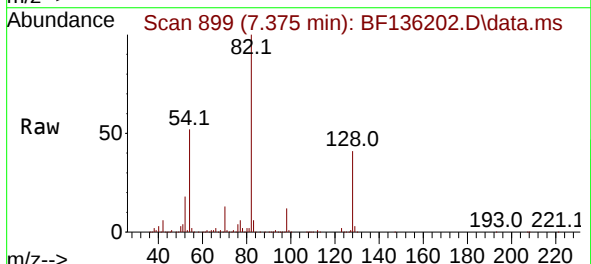
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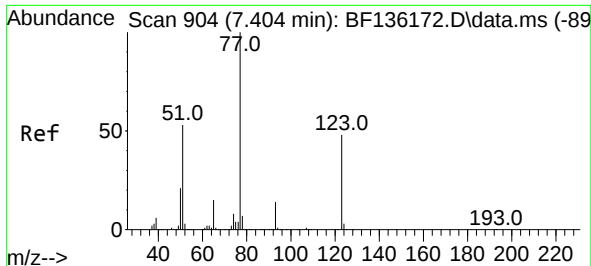
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#23
Nitrobenzene-d5
Concen: 91.998 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion: 82 Resp: 967868
Ion Ratio Lower Upper
82 100
128 41.2 35.8 53.6
54 52.1 40.6 60.8





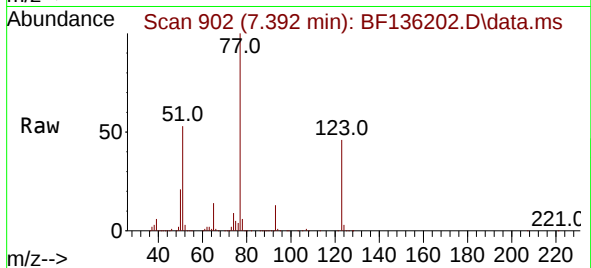
#24
Nitrobenzene
Concen: 47.923 ng
RT: 7.392 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

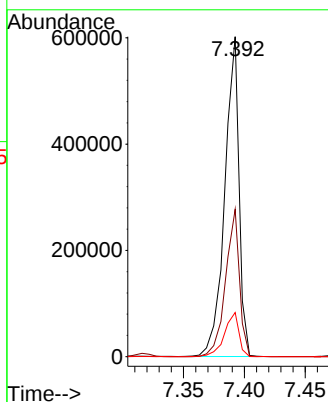
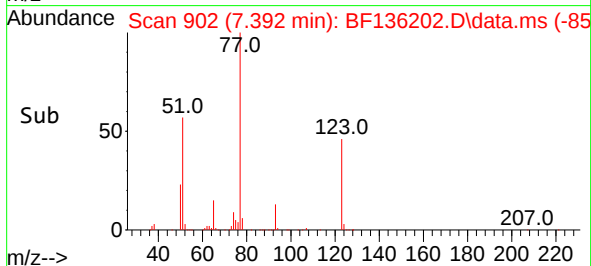
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Tgt Ion: 77 Resp: 490659
Ion Ratio Lower Upper
77 100
123 46.0 38.8 58.2
65 13.8 11.7 17.5

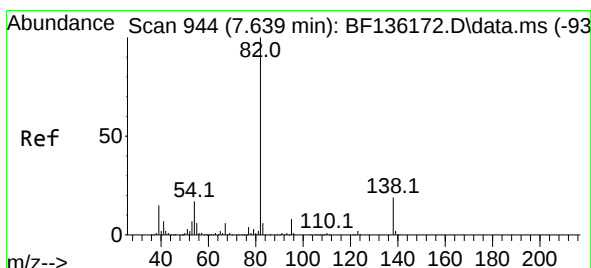
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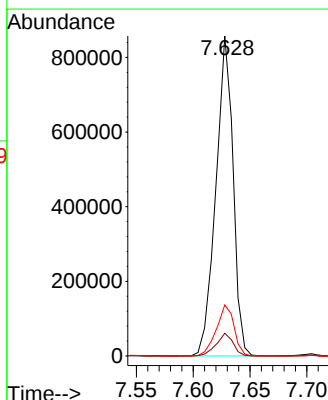
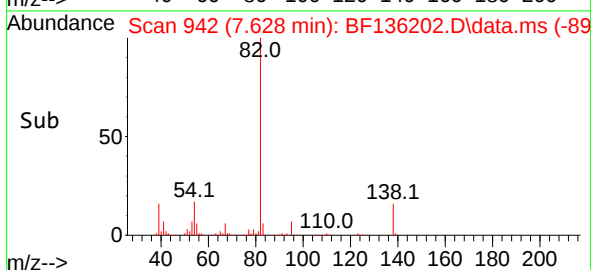
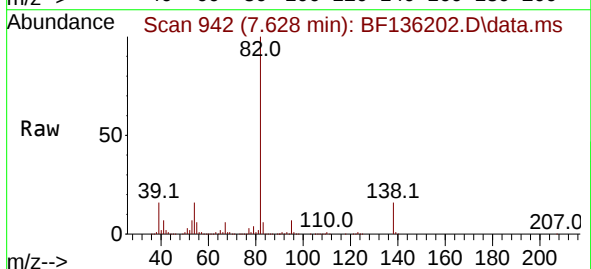
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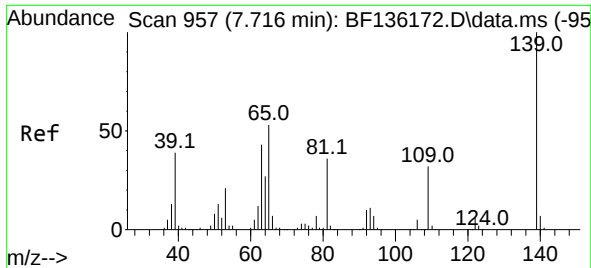
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#25
Isophorone
Concen: 49.881 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion: 82 Resp: 905629
Ion Ratio Lower Upper
82 100
95 7.1 6.2 9.4
138 15.9 14.8 22.2





#26
2-Nitrophenol
Concen: 44.765 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

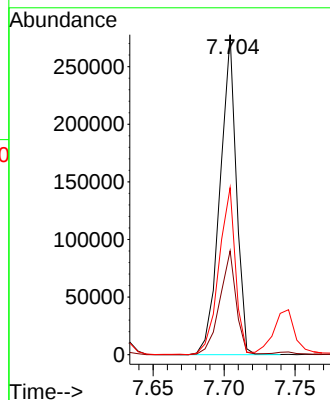
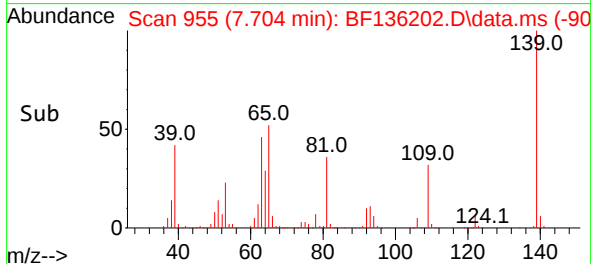
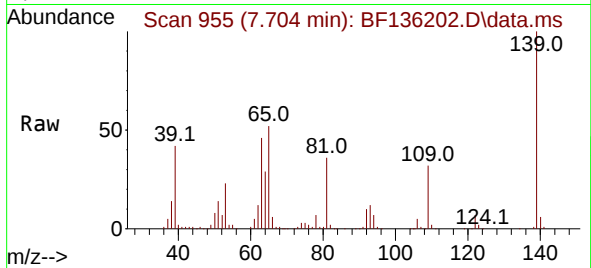
ClientSampleId :

PB157233BS

Tgt Ion:139 Resp: 222139
Ion Ratio Lower Upper
139 100
109 32.5 25.8 38.8
65 52.2 42.7 64.1

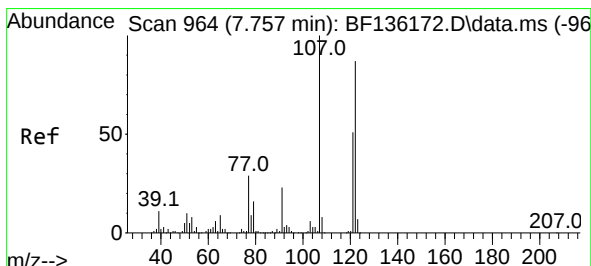
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Supervised By :mohammad ahmed 11/27/2023



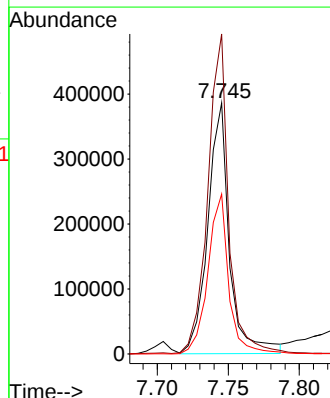
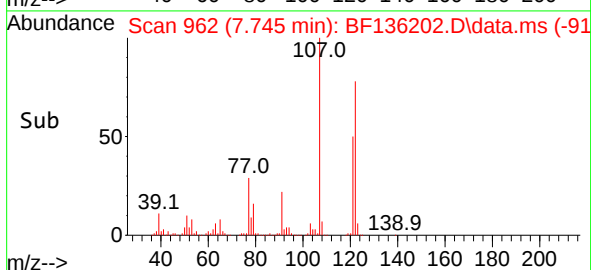
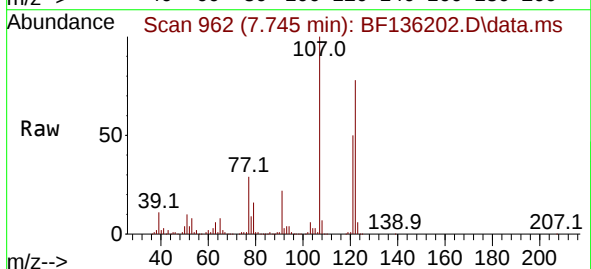
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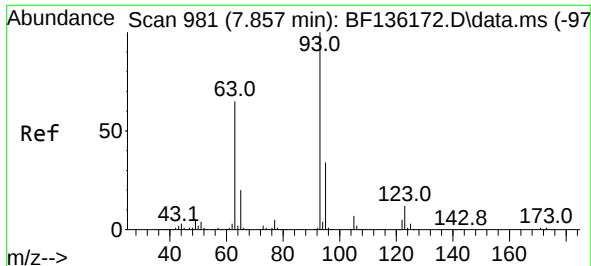
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#27
2,4-Dimethylphenol
Concen: 49.184 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:122 Resp: 409964
Ion Ratio Lower Upper
122 100
107 127.5 91.8 137.8
121 63.7 47.0 70.4





#28
bis(2-Chloroethoxy)methane
Concen: 49.354 ng
RT: 7.839 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

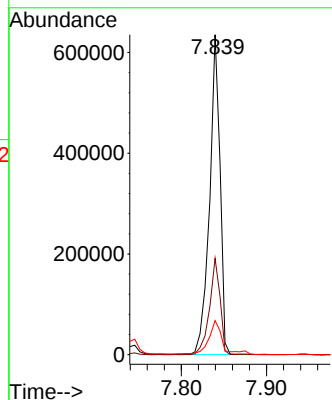
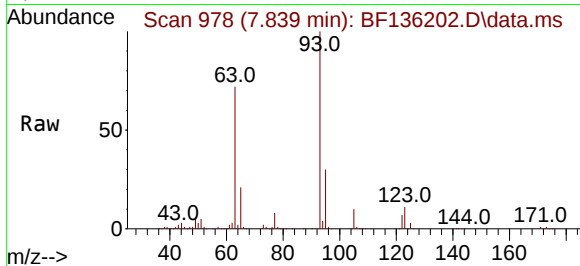
ClientSampleId :

PB157233BS

Tgt Ion: 93 Resp: 540390
Ion Ratio Lower Upper
93 100
95 30.1 27.2 40.8
123 10.7 10.2 15.4

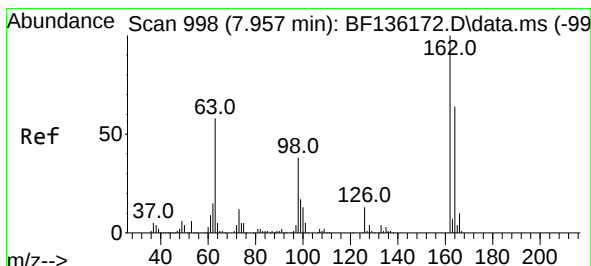
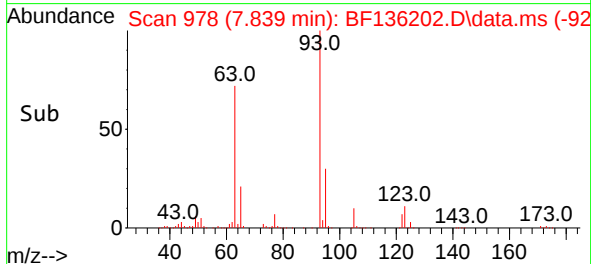
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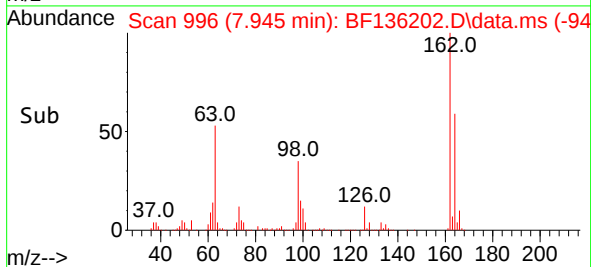
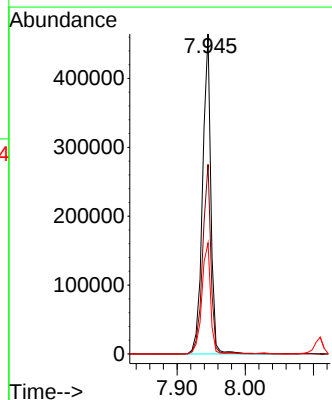
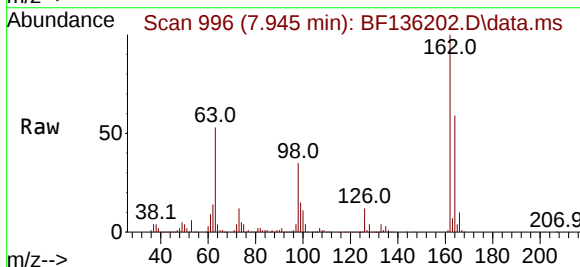
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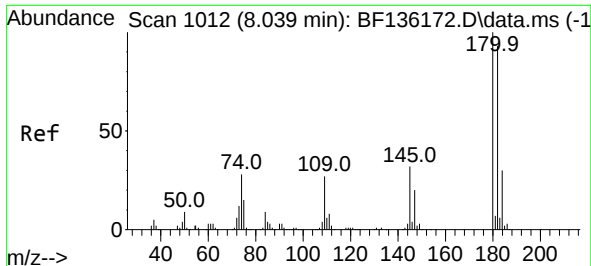
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#29
2,4-Dichlorophenol
Concen: 48.296 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:162 Resp: 392518
Ion Ratio Lower Upper
162 100
164 59.2 43.7 83.7
98 34.7 18.4 58.4





#30
1,2,4-Trichlorobenzene
Concen: 50.241 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

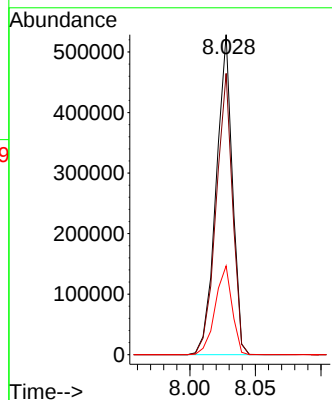
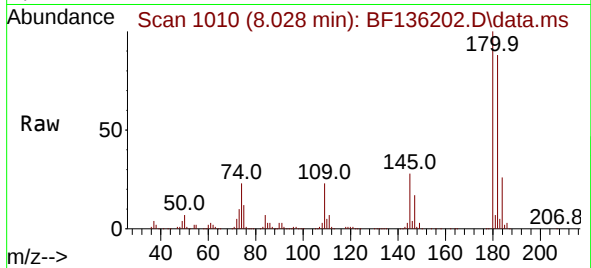
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Tgt Ion:180 Resp: 45464
Ion Ratio Lower Upper
180 100
182 87.9 74.8 112.2
145 27.7 25.3 37.9

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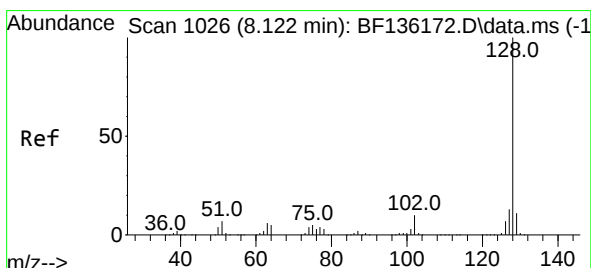
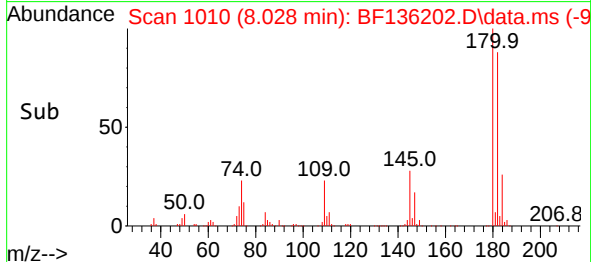
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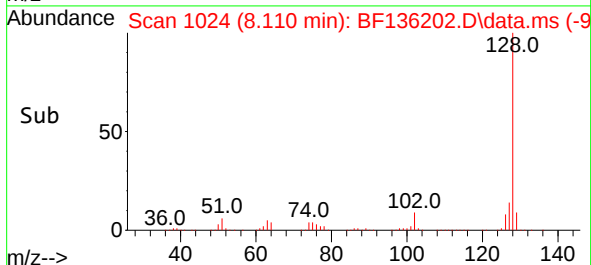
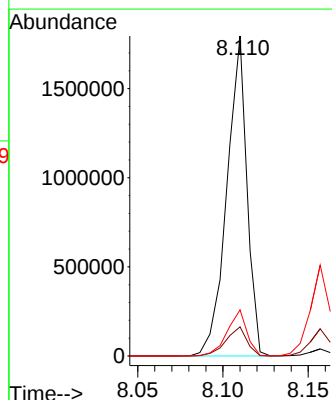
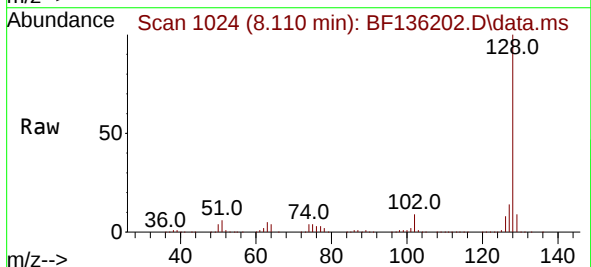
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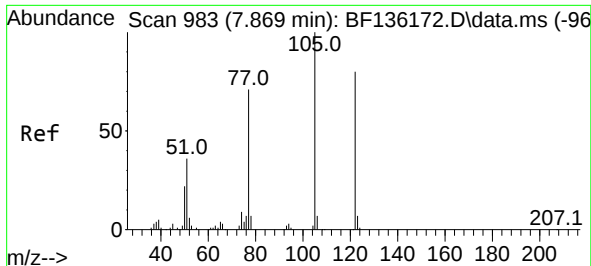
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#31
Naphthalene
Concen: 50.894 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:128 Resp: 1471846
Ion Ratio Lower Upper
128 100
129 9.1 8.9 13.3
127 14.4 10.6 16.0





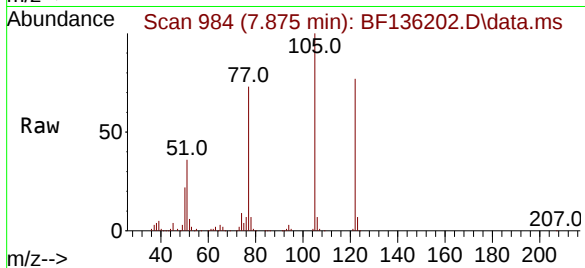
#32
Benzoic acid
Concen: 42.015 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.017 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNF

ClientSampleId :

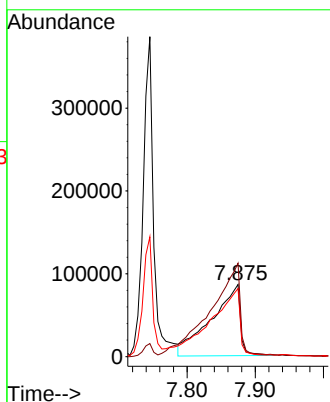
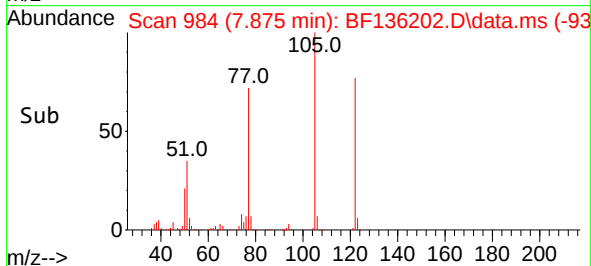
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Tgt Ion:122 Resp: 254479
Ion Ratio Lower Upper
122 100
105 129.4 102.5 142.5
77 94.4 68.1 108.1

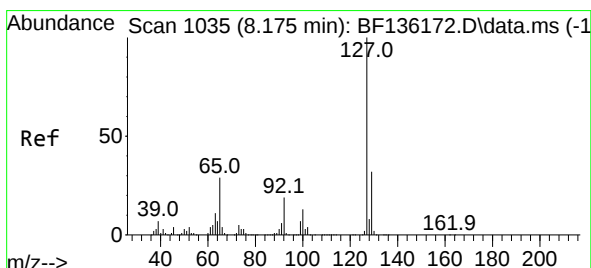
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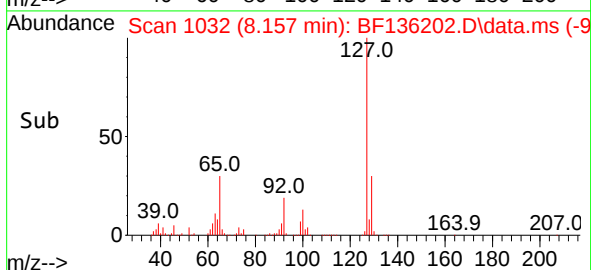
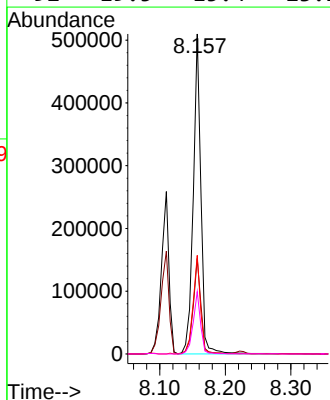
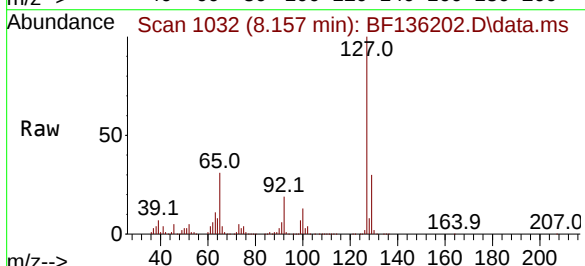
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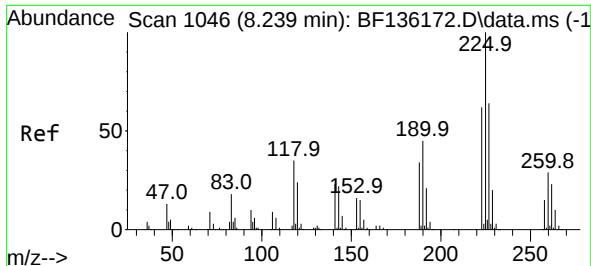
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#33
4-Chloroaniline
Concen: 34.410 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:127 Resp: 412759
Ion Ratio Lower Upper
127 100
129 29.9 25.7 38.5
65 30.8 23.3 34.9
92 19.5 15.4 23.2





#34
Hexachlorobutadiene
Concen: 46.287 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

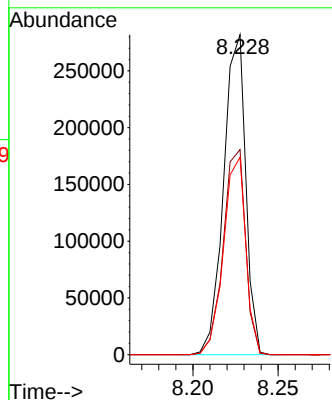
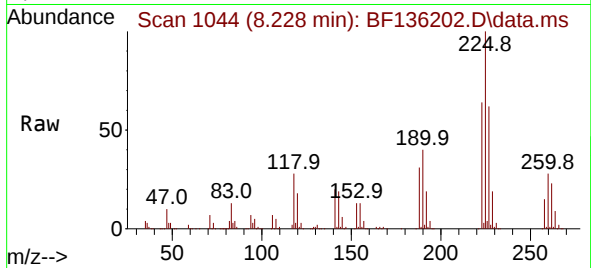
ClientSampleId :

PB157233BS

Tgt Ion:225 Resp: 25462
Ion Ratio Lower Upper
225 100
223 64.1 49.8 74.6
227 61.7 51.1 76.7

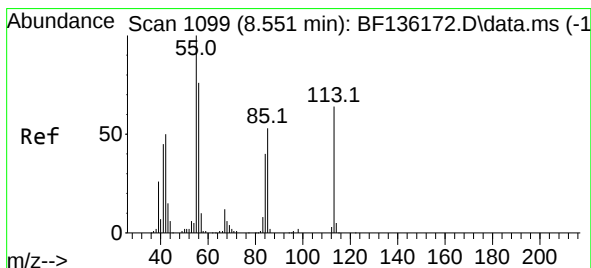
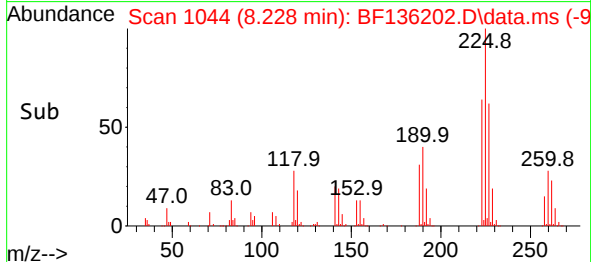
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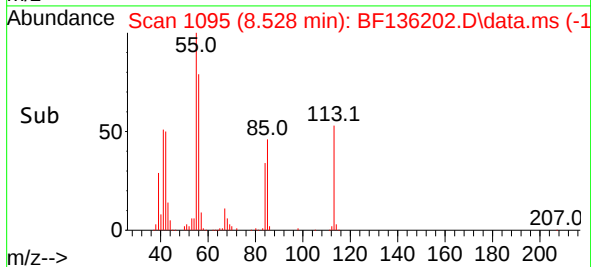
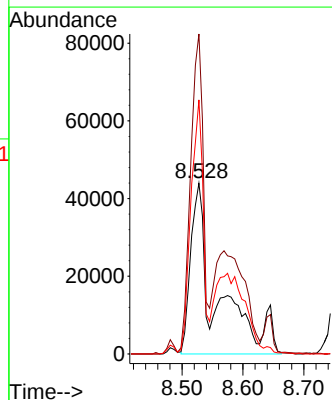
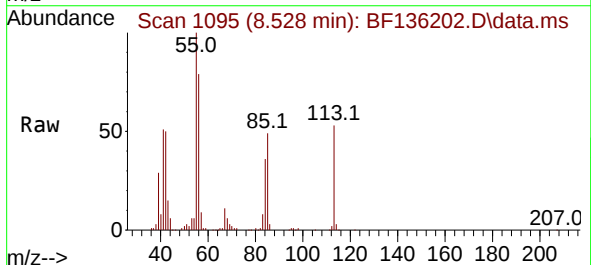
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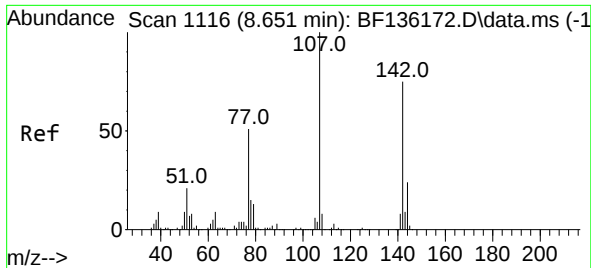
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#35
Caprolactam
Concen: 54.734 ng m
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:113 Resp: 128800
Ion Ratio Lower Upper
113 100
55 187.5 137.2 177.2#
56 148.9 99.8 139.8#





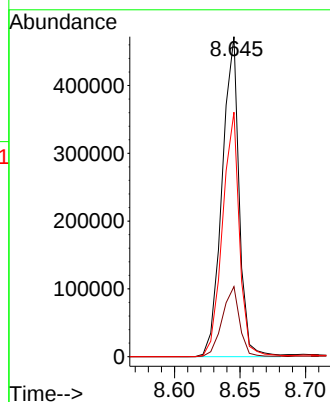
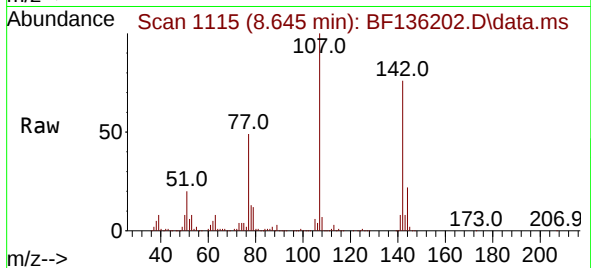
#36
4-Chloro-3-methylphenol
Concen: 49.981 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :
BNA_F
ClientSampleId :
PB157233BS

Tgt Ion:107 Resp: 426495
Ion Ratio Lower Upper
107 100
144 21.9 19.4 29.0
142 76.4 59.9 89.9

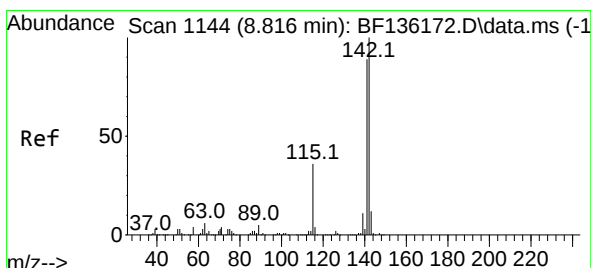
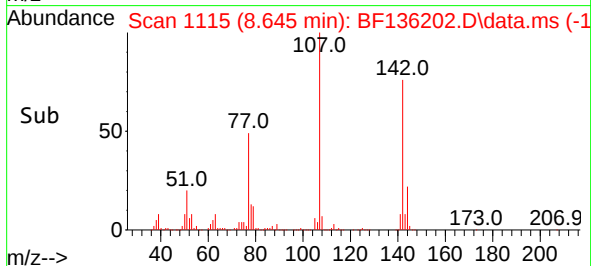
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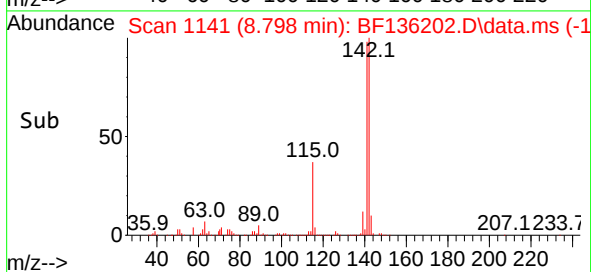
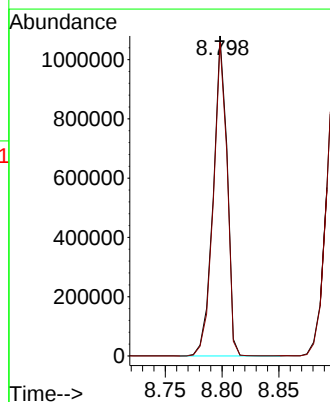
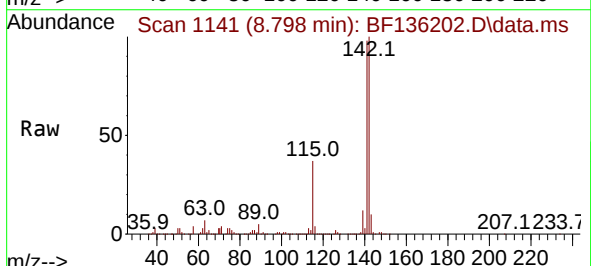
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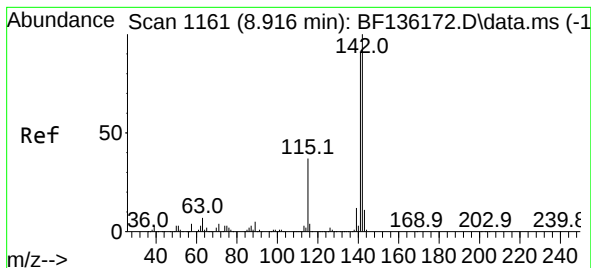
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#37
2-Methylnaphthalene
Concen: 47.135 ng
RT: 8.798 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:142 Resp: 913953
Ion Ratio Lower Upper
142 100
141 98.0 71.4 107.0





#38

1-Methylnaphthalene

Concen: 47.726 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

PB157233BS

Tgt Ion:142 Resp: 85860

Ion Ratio Lower Upper

142 100

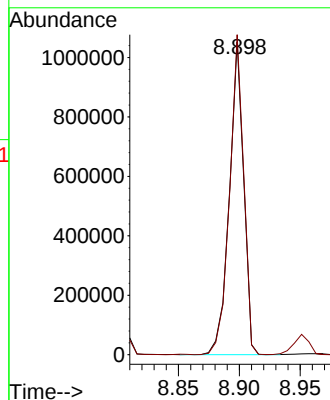
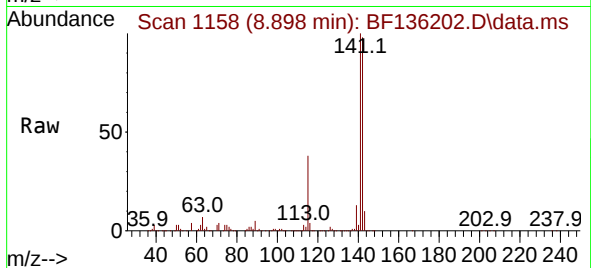
141 102.3 72.7 109.1

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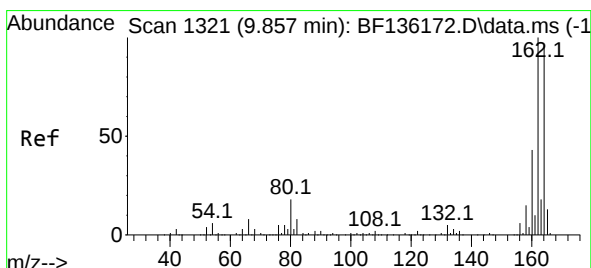
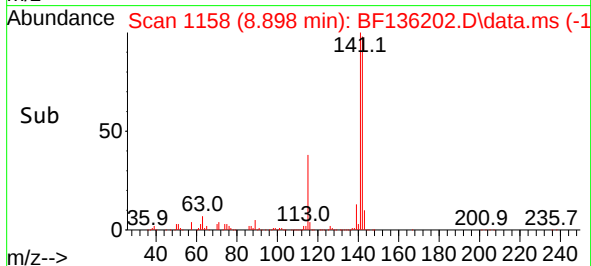
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ahmed

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.000 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

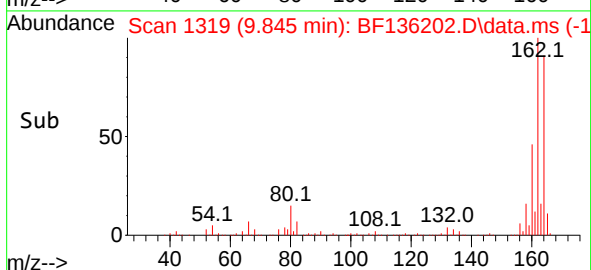
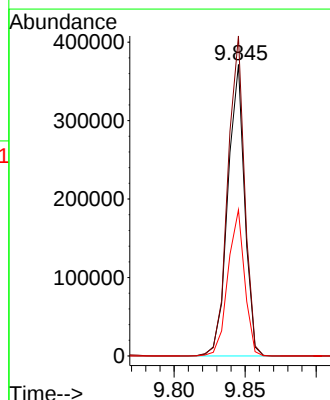
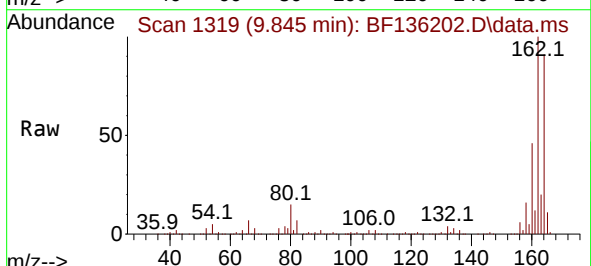
Tgt Ion:164 Resp: 304752

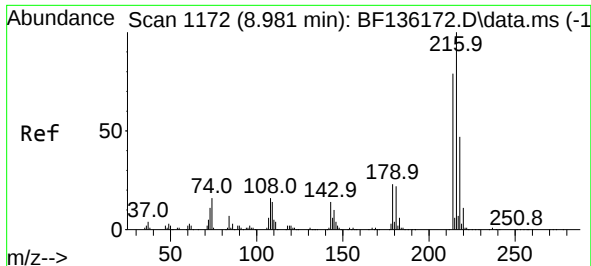
Ion Ratio Lower Upper

164 100

162 109.8 83.2 124.8

160 50.1 35.8 53.8





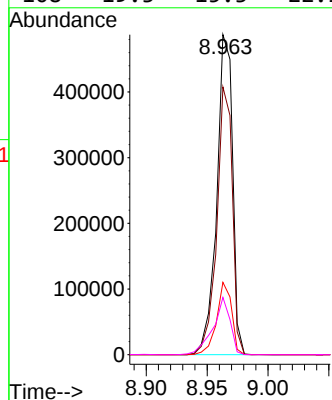
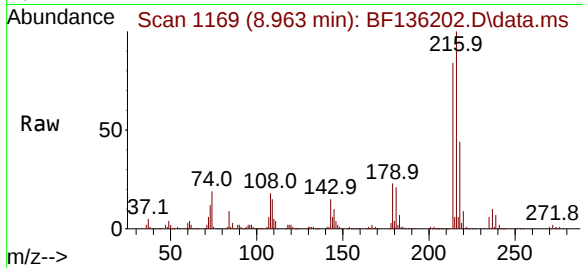
#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.374 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :
BNA_F
ClientSampleId :
PB157233BS

Tgt Ion:216 Resp: 441824
Ion Ratio Lower Upper
216 100
214 81.8 63.8 95.8
179 21.4 18.0 27.0
108 19.3 15.3 22.9

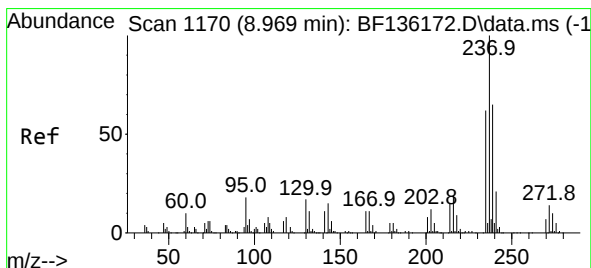
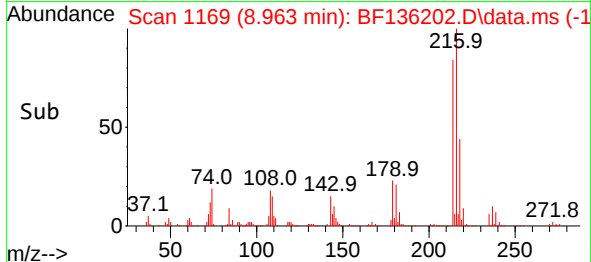
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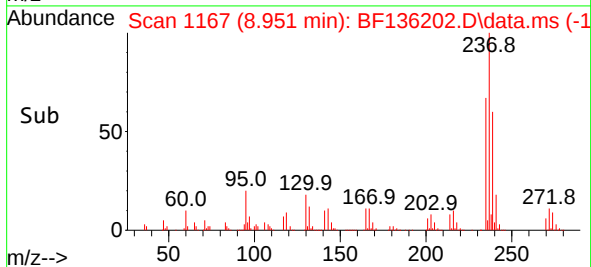
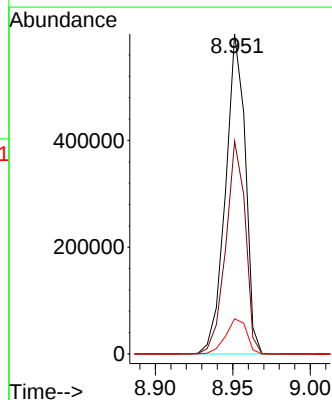
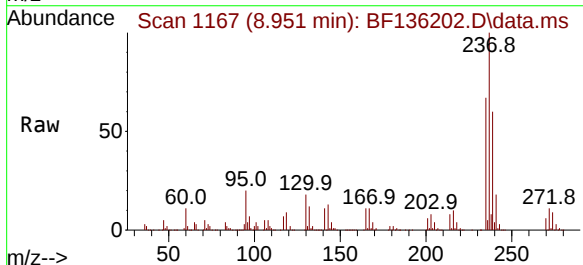
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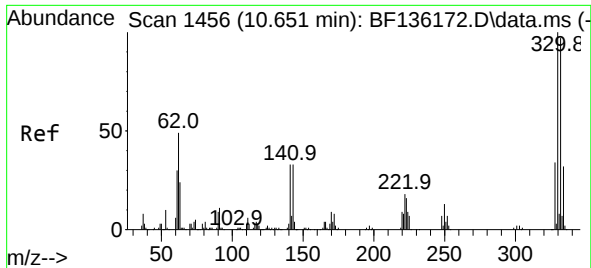
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#41
Hexachlorocyclopentadiene
Concen: 113.186 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:237 Resp: 533092
Ion Ratio Lower Upper
237 100
235 66.5 42.3 82.3
272 11.0 0.0 33.8





#42
2,4,6-Tribromophenol
Concen: 160.224 ng
RT: 10.639 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

PB157233BS

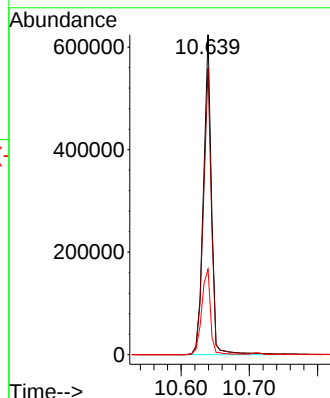
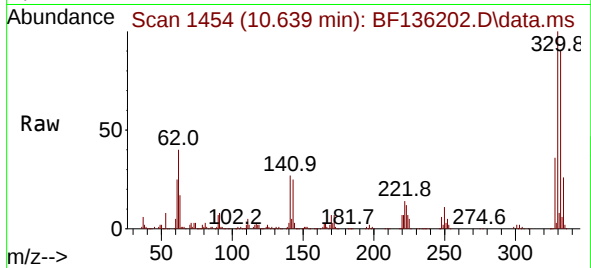
Tgt Ion:330 Resp: 511400
Ion Ratio Lower Upper
330 100
332 91.0 77.6 116.4
141 29.3 25.8 38.6

Manual Integrations

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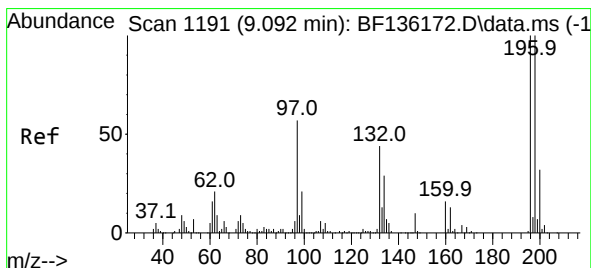
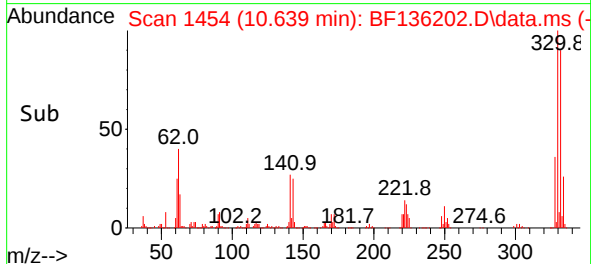
Supervised By :mohammad ahmed 11/27/2023



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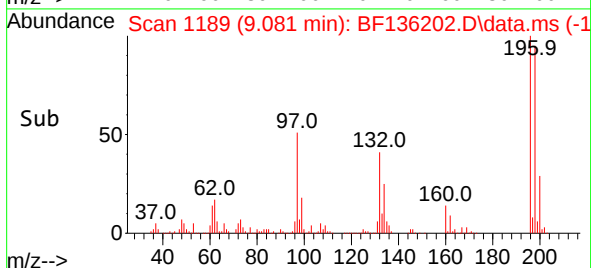
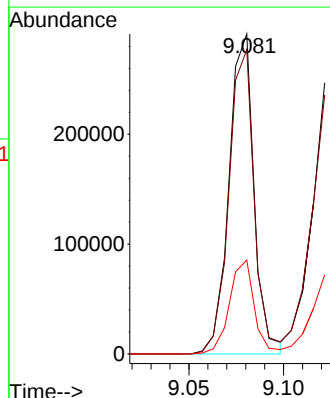
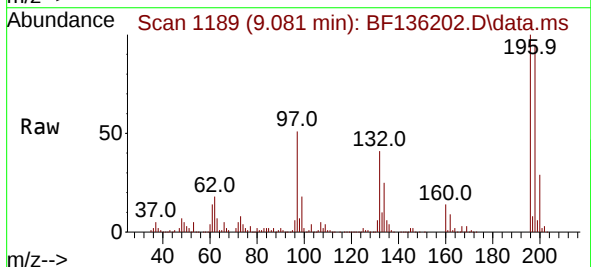
Supervised By :mohammad
ahmed

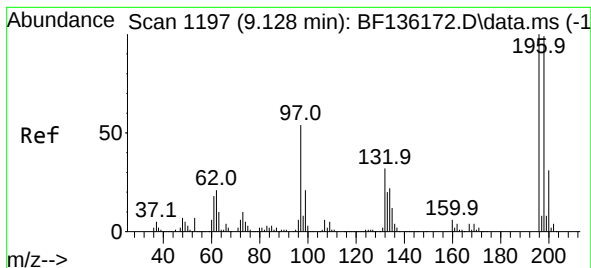
11/27/2023



#43
2,4,6-Trichlorophenol
Concen: 46.830 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:196 Resp: 267821
Ion Ratio Lower Upper
196 100
198 95.1 80.2 120.4
200 29.4 25.5 38.3





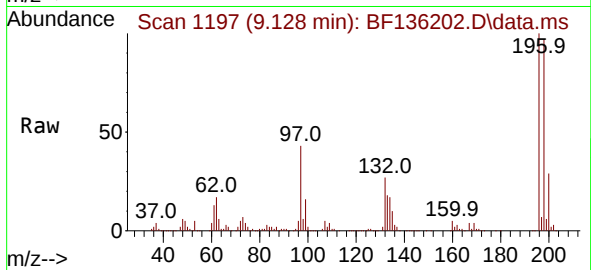
#44
2,4,5-Trichlorophenol
Concen: 47.566 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.012 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

PB157233BS



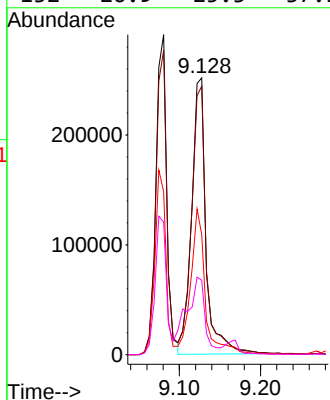
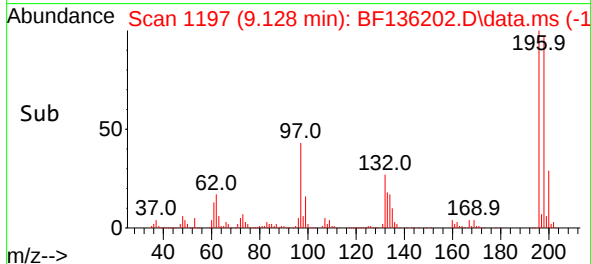
Tgt Ion:196 Resp: 313384
Ion Ratio Lower Upper
196 100
198 97.0 78.9 118.3
97 43.3 43.6 65.4
132 26.9 25.3 37.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2023

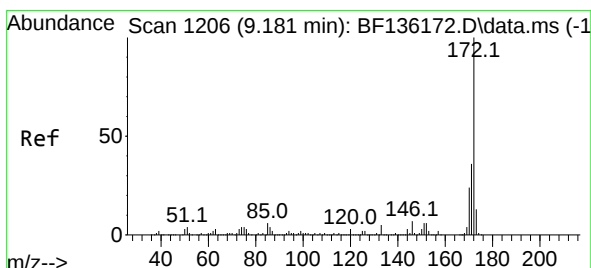
Supervised By :mohammad ahmed 11/27/2023



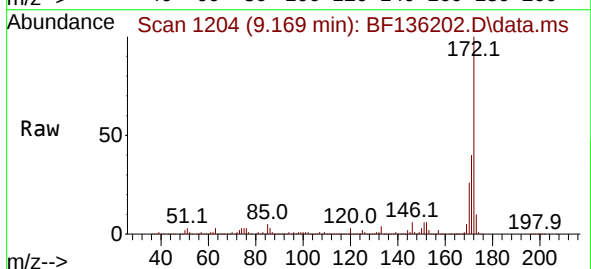
11/27/2023

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ahmed

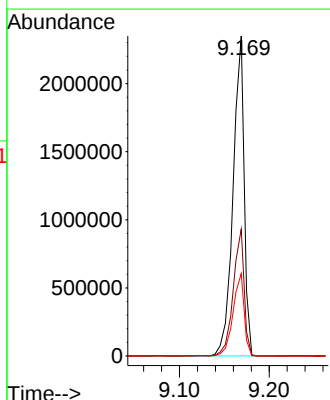
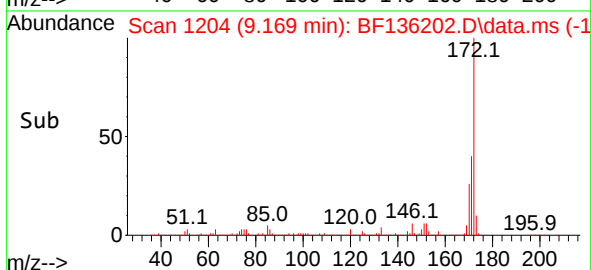
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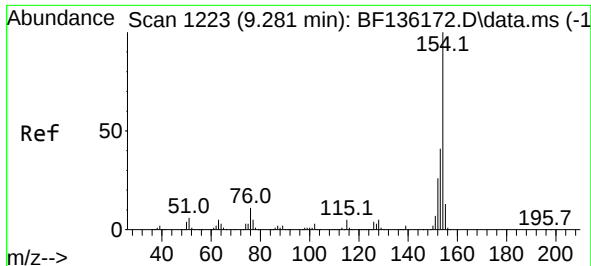


#45
2-Fluorobiphenyl
Concen: 97.929 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57



Tgt Ion:172 Resp: 2018960
Ion Ratio Lower Upper
172 100
171 39.7 28.9 43.3
170 25.7 19.1 28.7





#46
1,1'-Biphenyl
Concen: 51.536 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

PB157233BS

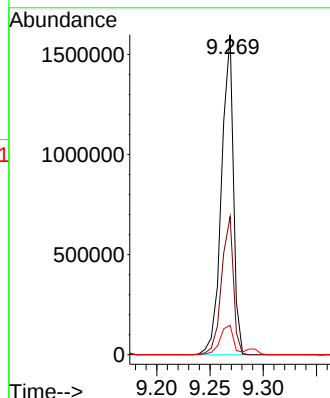
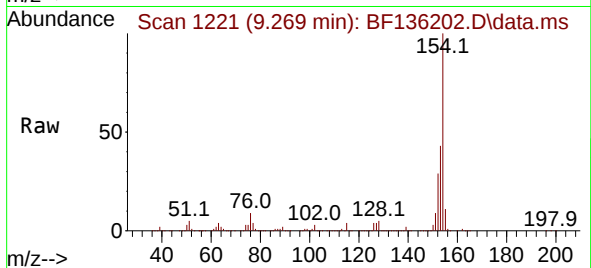
Tgt Ion:154 Resp: 1232404
Ion Ratio Lower Upper
154 100
153 43.1 21.1 61.1
76 9.2 0.0 31.2

Manual Integrations

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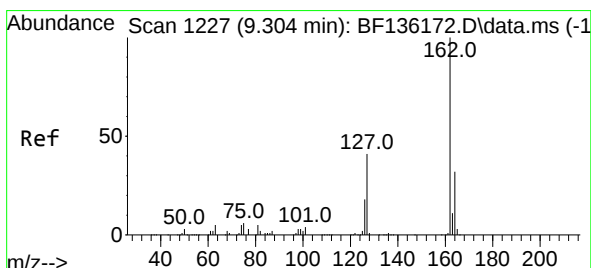
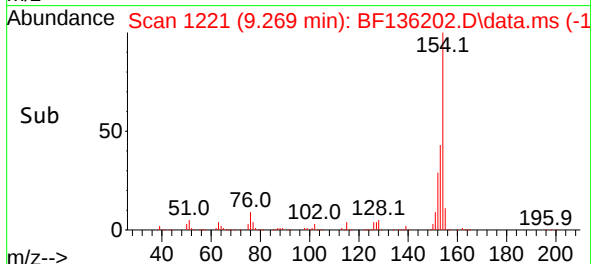
Supervised By :mohammad ahmed 11/27/2023



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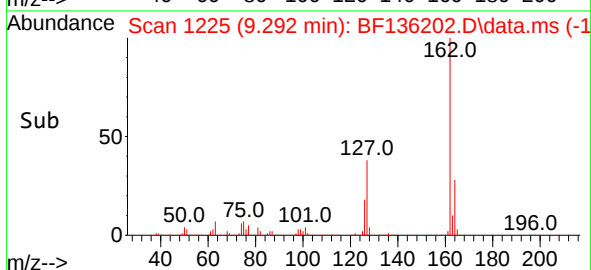
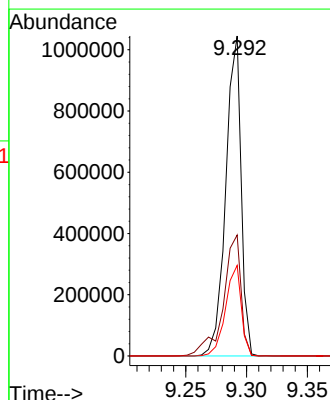
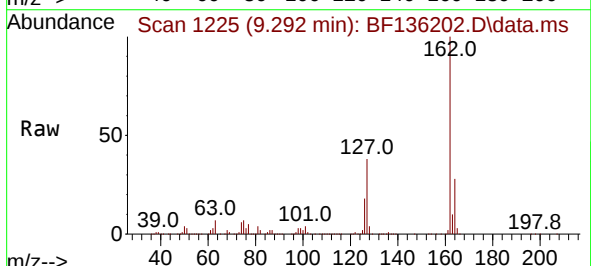
Supervised By :mohammad
ahmed

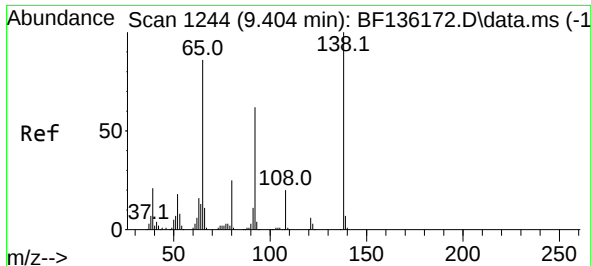
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#47
2-Chloronaphthalene
Concen: 52.543 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:162 Resp: 918401
Ion Ratio Lower Upper
162 100
127 37.8 34.2 51.4
164 28.3 25.6 38.4





#48
2-Nitroaniline
Concen: 49.192 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

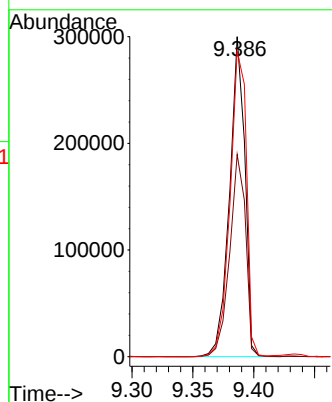
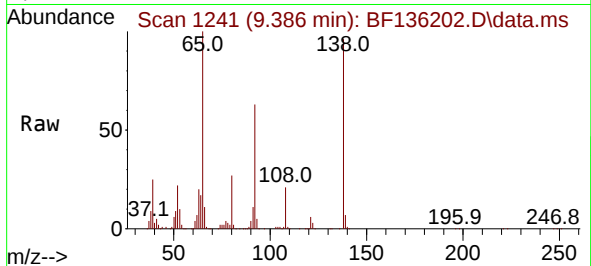
ClientSampleId :

PB157233BS

Tgt Ion: 65 Resp: 26215
Ion Ratio Lower Upper
65 100
92 63.2 57.5 86.3
138 95.5 93.4 140.2

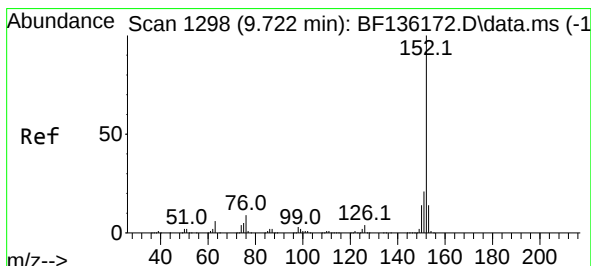
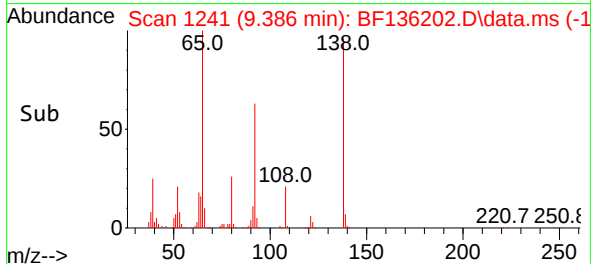
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Supervised By :mohammad ahmed 11/27/2023



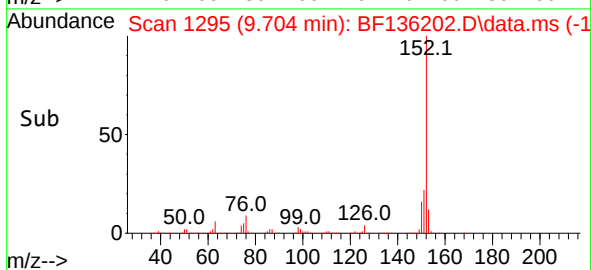
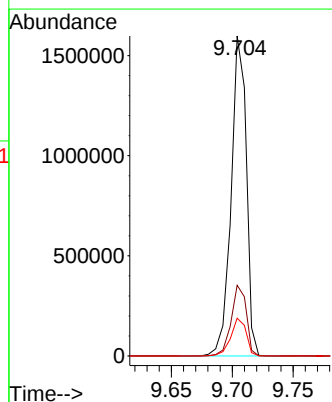
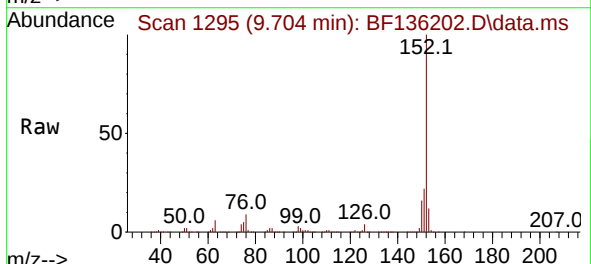
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ahmed

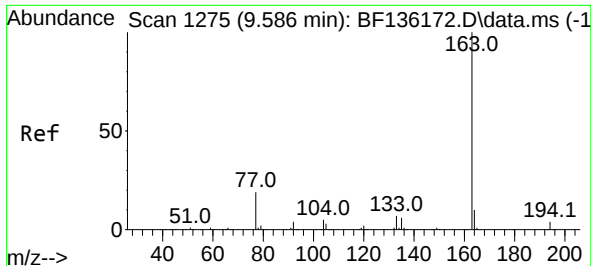
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#49
Acenaphthylene
Concen: 51.487 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:152 Resp: 1389152
Ion Ratio Lower Upper
152 100
151 22.1 16.4 24.6
153 11.8 11.1 16.7





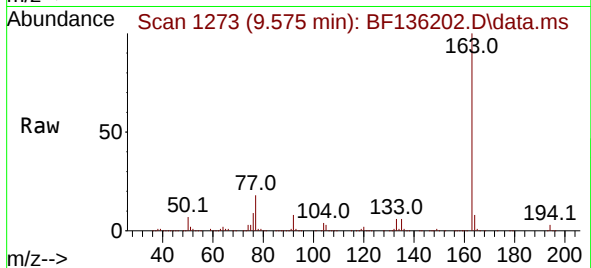
#50
Dimethylphthalate
Concen: 51.975 ng
RT: 9.575 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

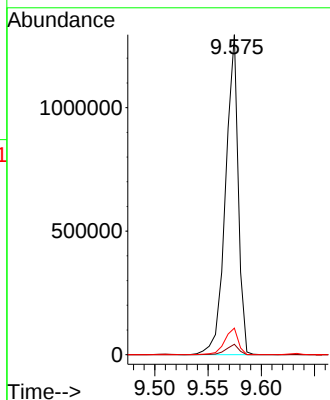
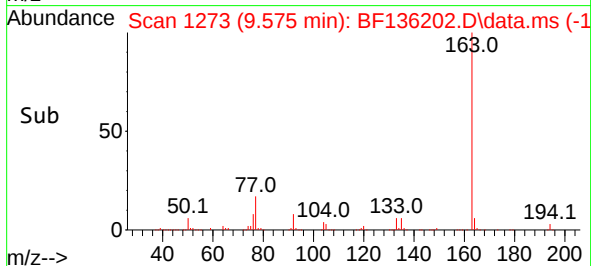
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Tgt Ion:163 Resp: 107020
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 8.3 7.8 11.8

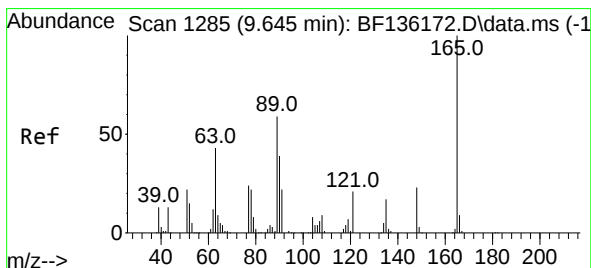
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Supervised By :mohammad ahmed 11/27/2023

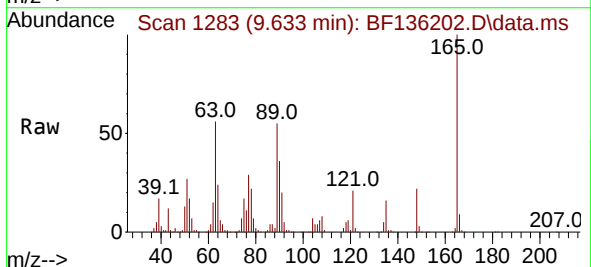


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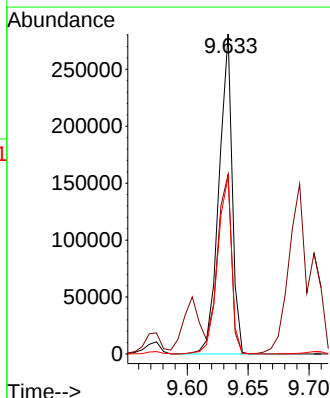
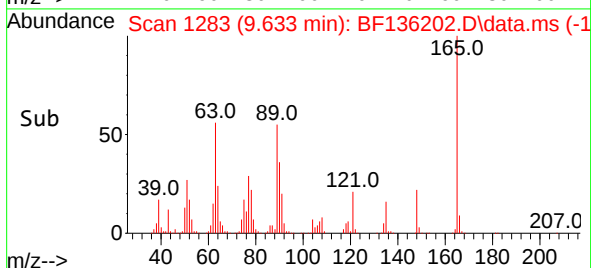
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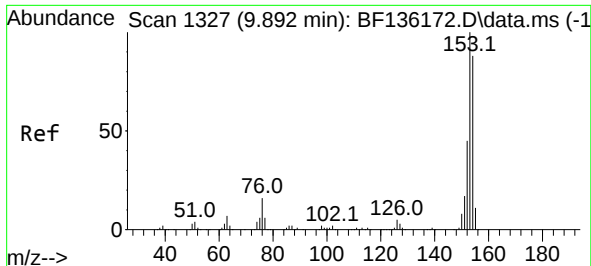


#51
2,6-Dinitrotoluene
Concen: 47.706 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57



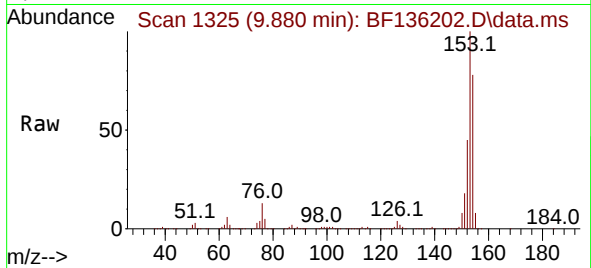
Tgt Ion:165 Resp: 213153
Ion Ratio Lower Upper
165 100
63 56.1 48.0 72.0
89 55.4 47.2 70.8





#52
Acenaphthene
Concen: 46.826 ng m
RT: 9.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

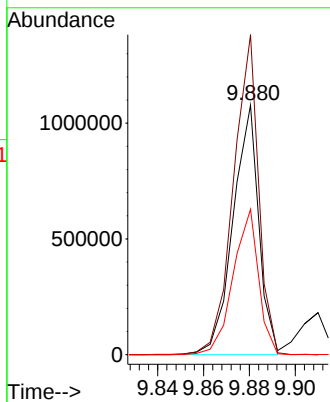
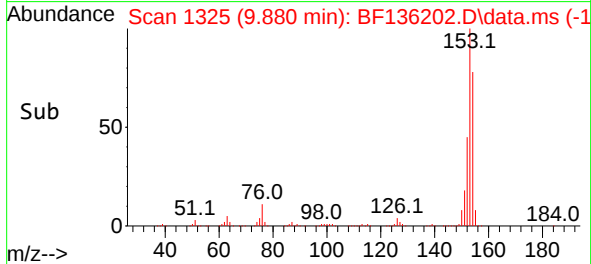
Instrument :
BNA_F
ClientSampleId :
PB157233BS



Tgt Ion:154 Resp: 84148
Ion Ratio Lower Upper
154 100
153 128.2 90.4 135.6
152 58.3 41.1 61.7

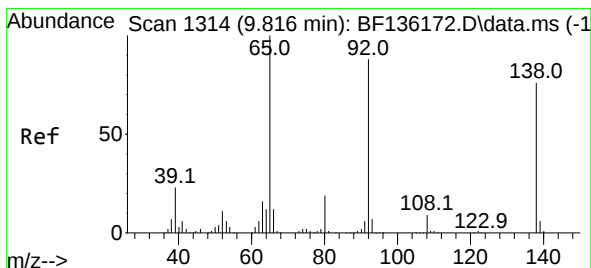
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Supervised By :mohammad ahmed 11/27/2023



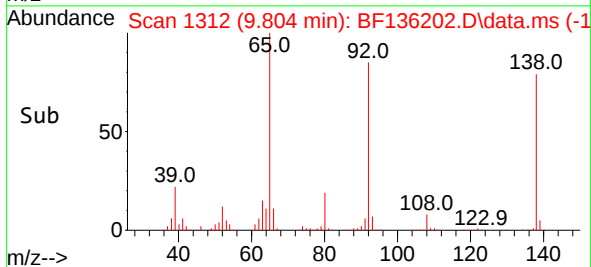
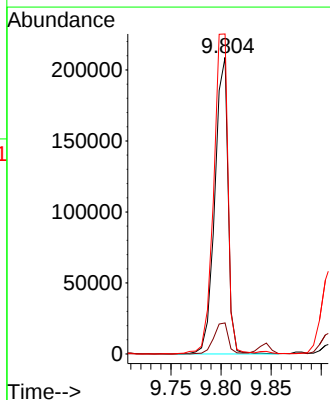
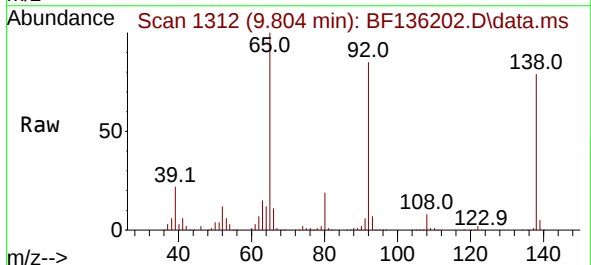
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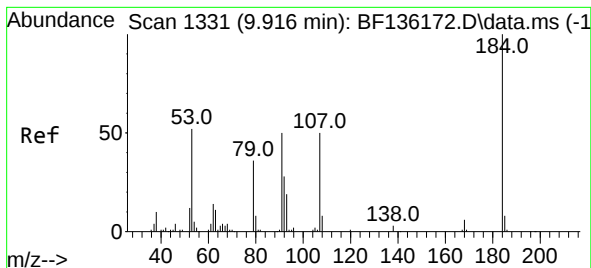
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#53
3-Nitroaniline
Concen: 40.320 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:138 Resp: 192076
Ion Ratio Lower Upper
138 100
108 10.5 9.0 13.4
92 107.9 92.2 138.2





#54
2,4-Dinitrophenol
Concen: 98.014 ng
RT: 9.910 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

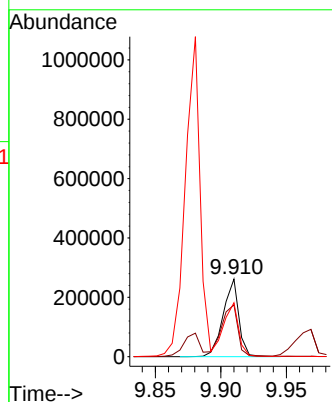
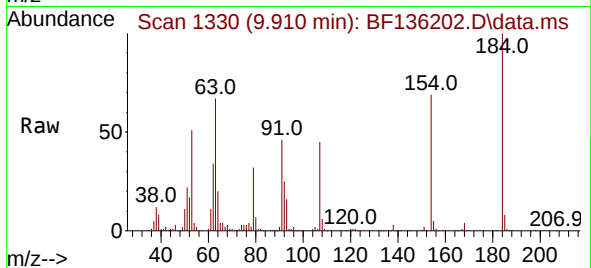
ClientSampleId :

PB157233BS

Tgt Ion:184 Resp: 216734
Ion Ratio Lower Upper
184 100
63 66.7 59.1 88.7
154 69.5 58.2 87.2

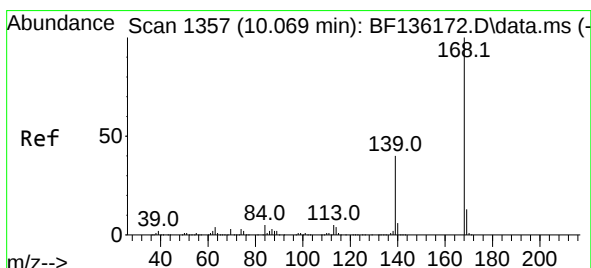
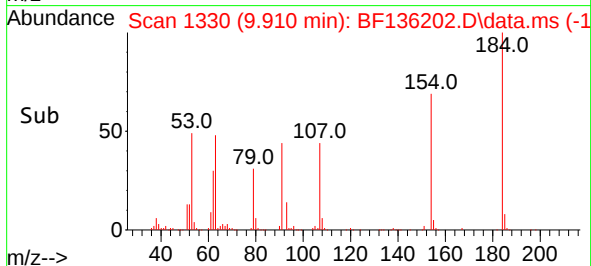
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Supervised By :mohammad ahmed 11/27/2023



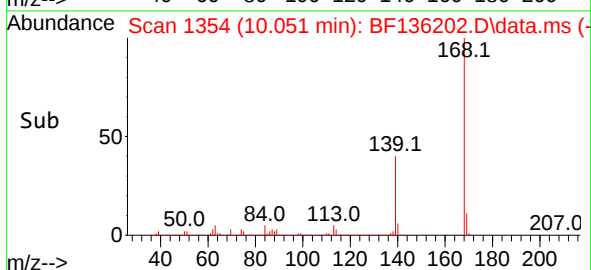
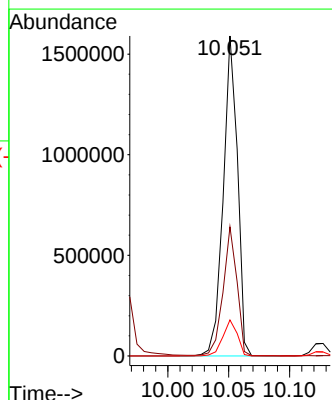
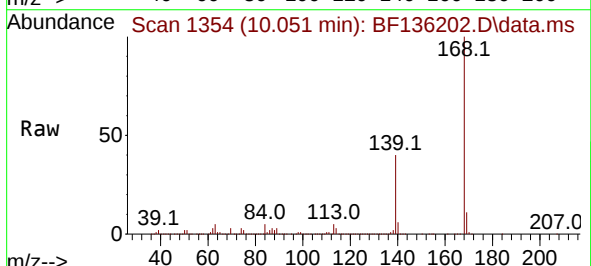
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Supervised By :mohammad
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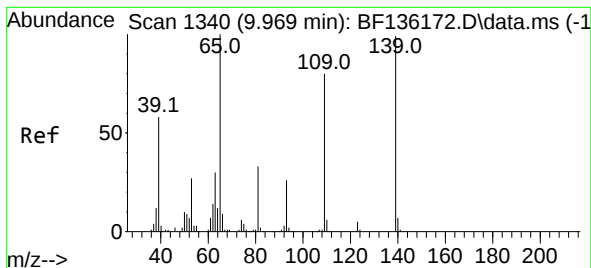
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#55
Dibenzofuran
Concen: 51.759 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:168 Resp: 1293195
Ion Ratio Lower Upper
168 100
139 40.4 31.9 47.9
169 11.3 10.6 16.0





#56
4-Nitrophenol
Concen: 100.528 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

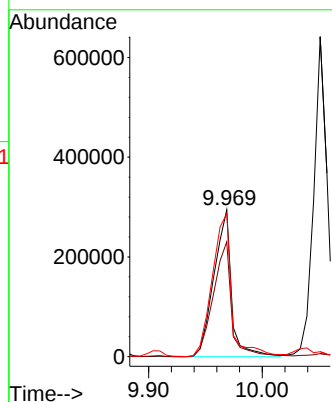
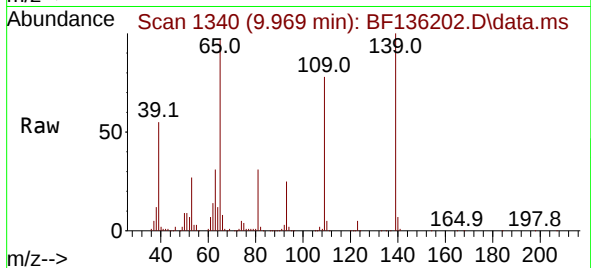
ClientSampleId :

PB157233BS

Tgt Ion:139 Resp: 31823
Ion Ratio Lower Upper
139 100
109 78.3 60.9 100.9
65 97.4 81.6 121.6

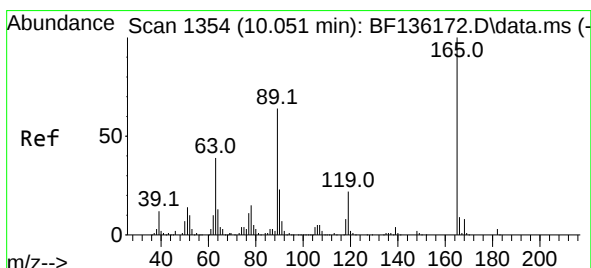
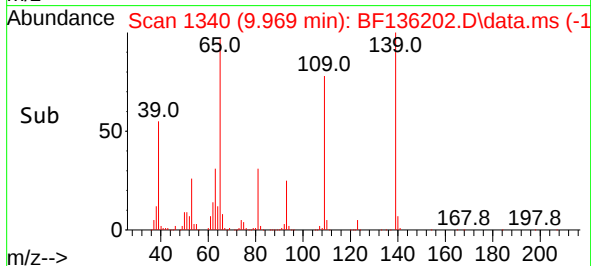
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Supervised By :mohammad ahmed 11/27/2023



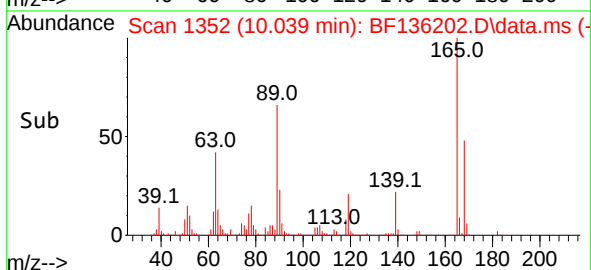
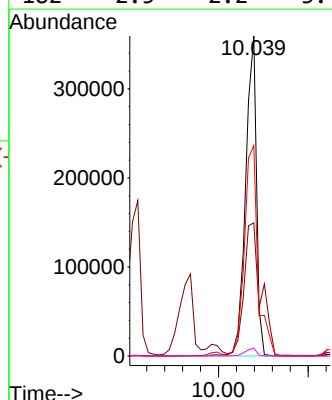
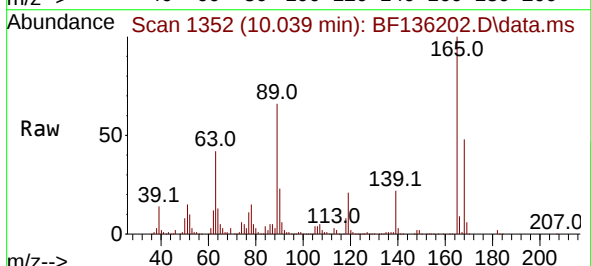
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ahmed

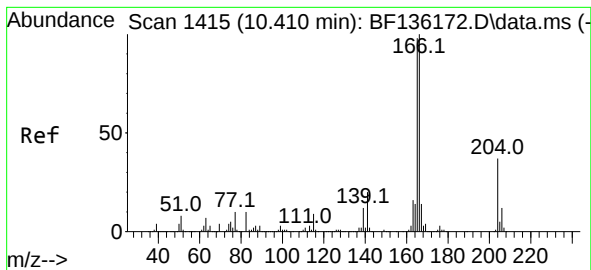
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#57
2,4-Dinitrotoluene
Concen: 53.120 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:165 Resp: 301441
Ion Ratio Lower Upper
165 100
63 41.6 31.4 47.0
89 65.7 51.6 77.4
182 2.5 2.2 3.4





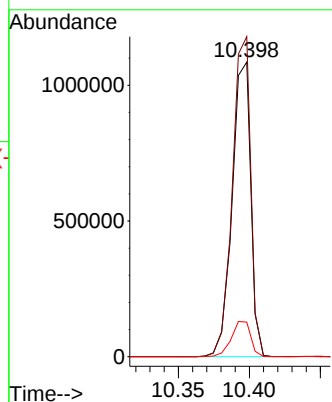
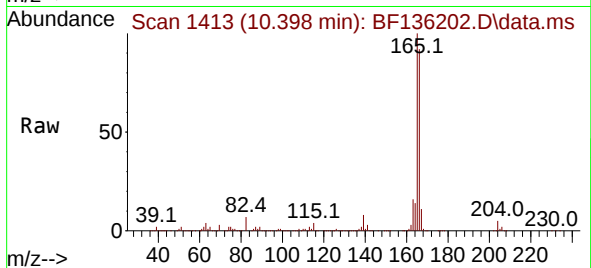
#58
Fluorene
Concen: 52.340 ng
RT: 10.398 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :
BNA_F
ClientSampleId :
PB157233BS

Tgt Ion:166 Resp: 992510
Ion Ratio Lower Upper
166 100
165 108.6 78.8 118.2
167 11.7 10.9 16.3

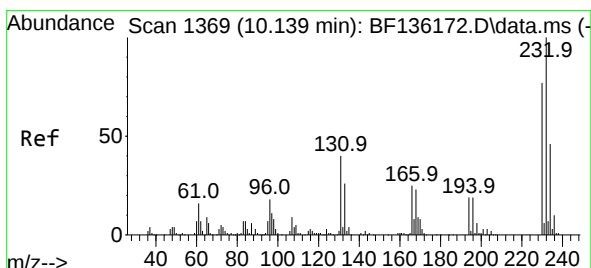
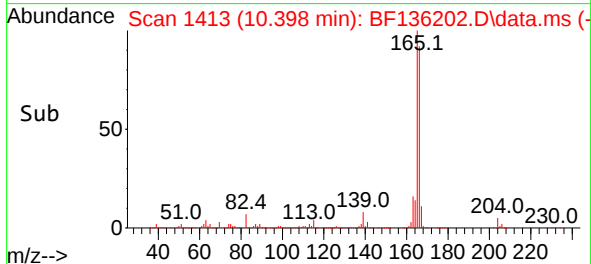
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Supervised By :mohammad ahmed 11/27/2023



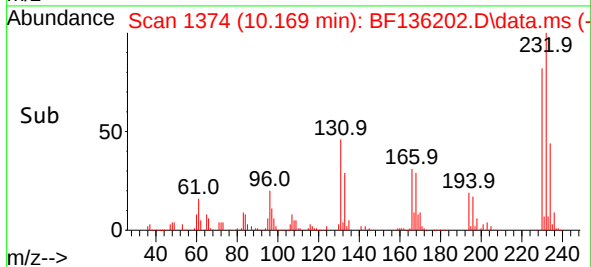
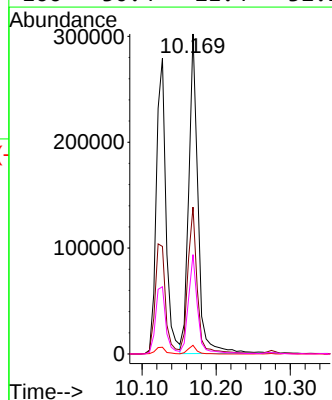
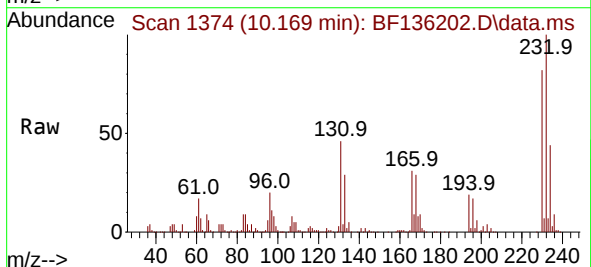
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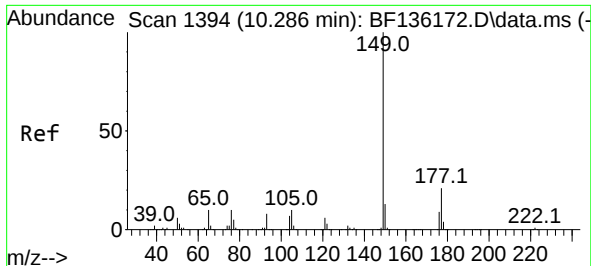
11/27/2023



#59
2,3,4,6-Tetrachlorophenol
Concen: 52.625 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:232 Resp: 262779
Ion Ratio Lower Upper
232 100
131 46.0 34.6 52.0
130 2.5 1.9 2.9
166 30.4 21.4 32.2





#60
Diethylphthalate
Concen: 51.233 ng
RT: 10.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

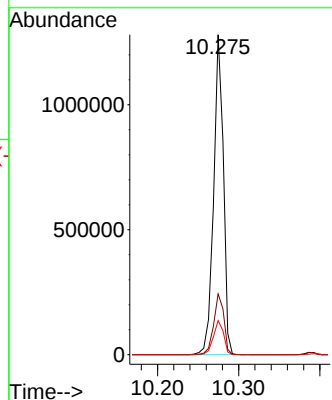
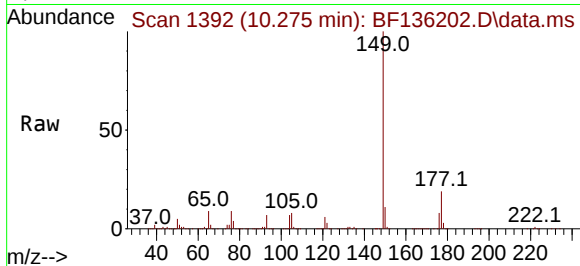
ClientSampleId :

PB157233BS

Tgt Ion:149 Resp: 105831
Ion Ratio Lower Upper
149 100
177 19.0 17.2 25.8
150 10.6 10.3 15.5

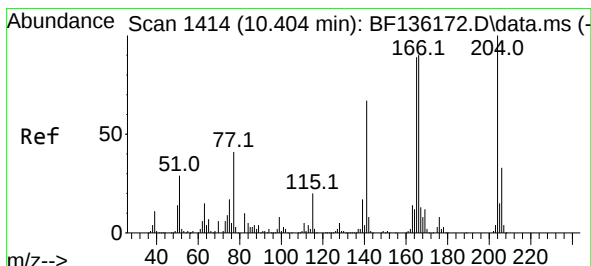
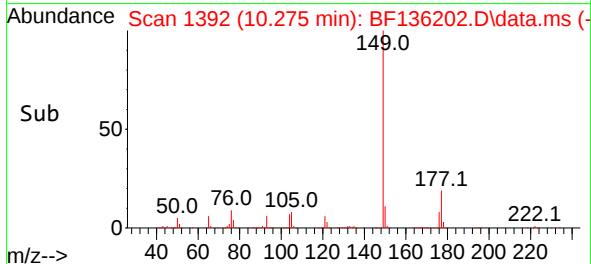
Manual Integrations
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Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



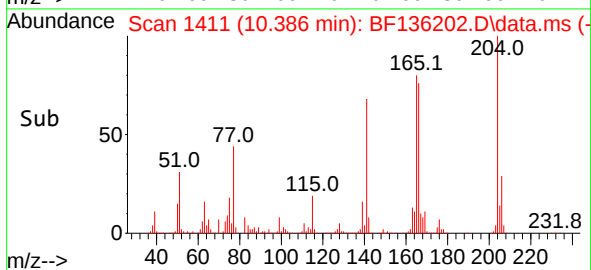
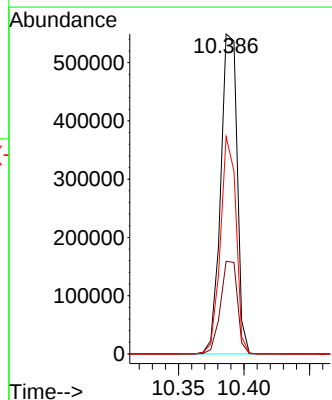
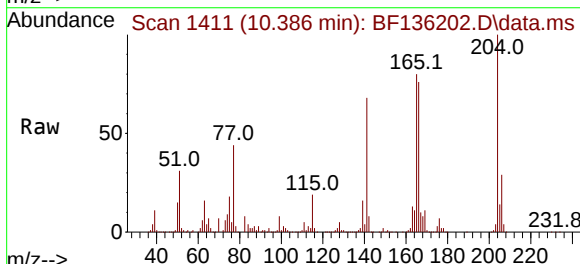
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ahmed

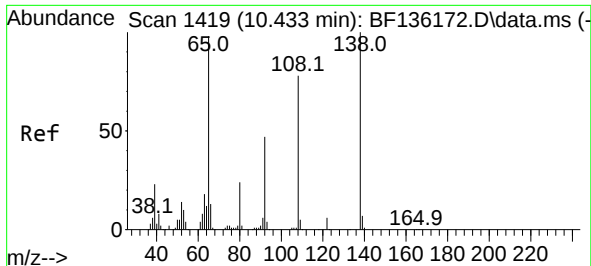
11/27/2023



#61
4-Chlorophenyl-phenylether
Concen: 49.607 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

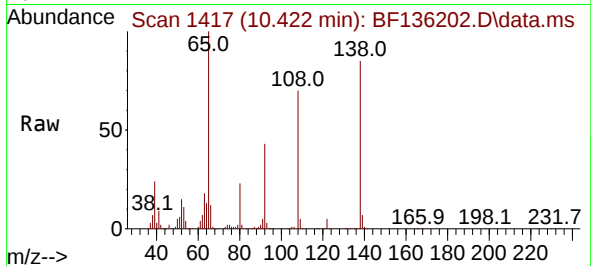
Tgt Ion:204 Resp: 478193
Ion Ratio Lower Upper
204 100
206 29.0 26.1 39.1
141 68.0 53.9 80.9





#62
4-Nitroaniline
Concen: 50.276 ng
RT: 10.422 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

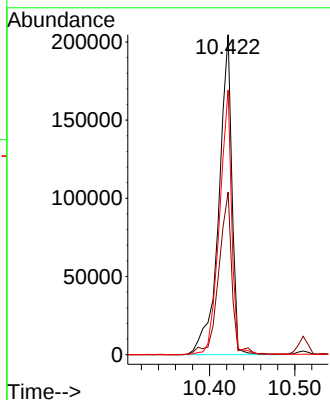
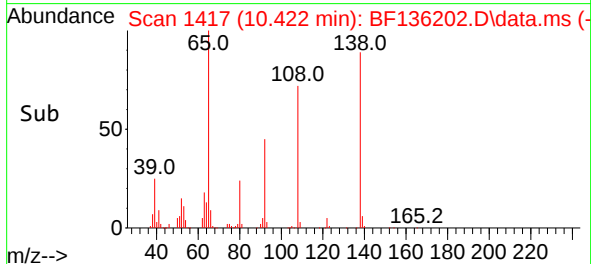
Instrument :
BNA_F
ClientSampleId :
PB157233BS



Tgt Ion:138 Resp: 218279
Ion Ratio Lower Upper
138 100
92 50.8 26.6 66.6
108 82.7 58.0 98.0

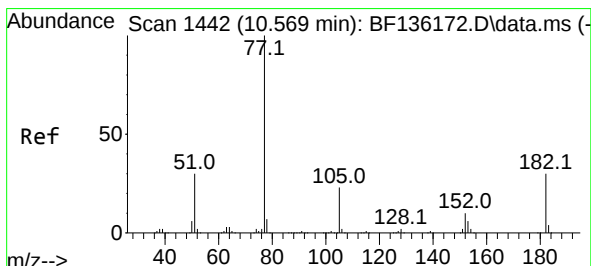
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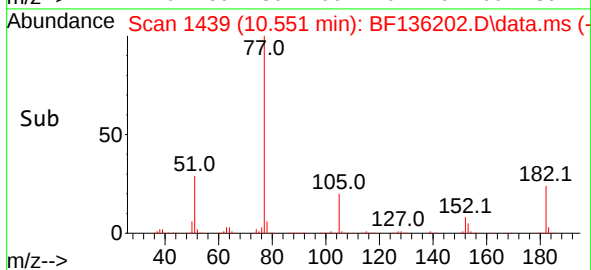
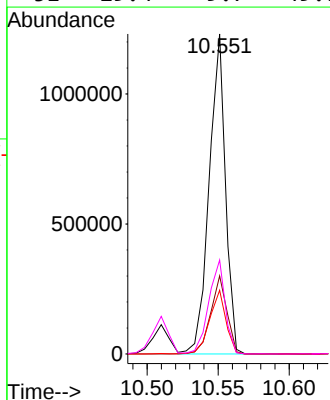
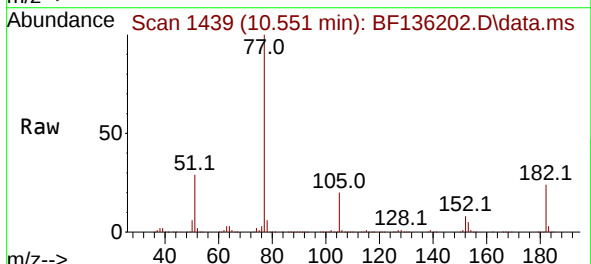
11/27/2023
Supervised By :mohammad
ahmed

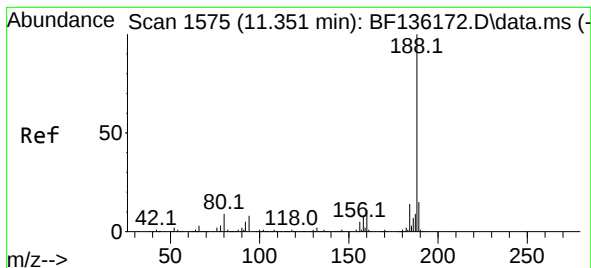
11/27/2023



#63
Azobenzene
Concen: 54.318 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion: 77 Resp: 981736
Ion Ratio Lower Upper
77 100
182 24.4 10.3 50.3
105 19.9 2.6 42.6
51 29.4 9.7 49.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

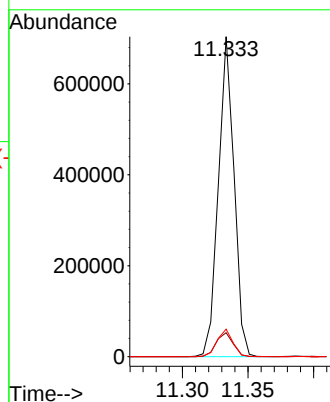
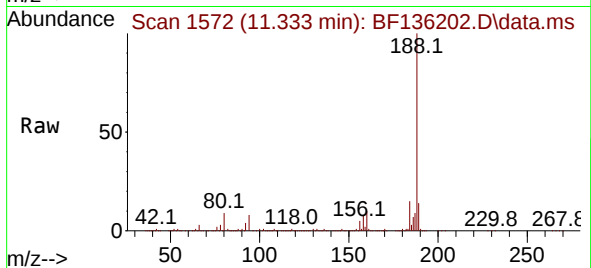
ClientSampleId :

PB157233BS

Tgt Ion:188 Resp: 58516
Ion Ratio Lower Upper
188 100
94 7.5 6.6 9.8
80 8.6 7.3 10.9

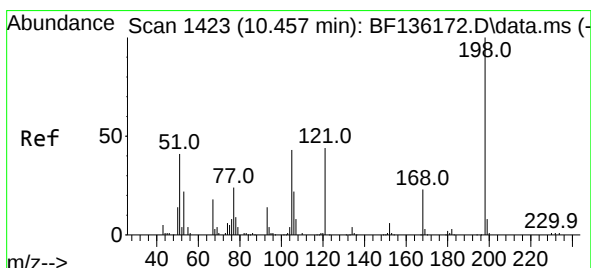
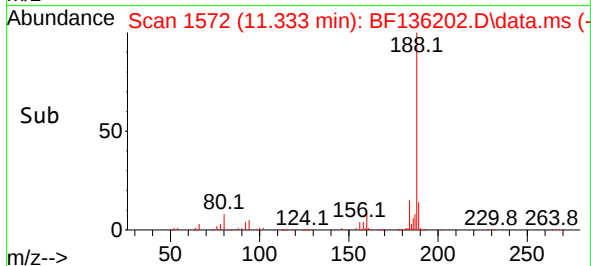
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Supervised By :mohammad ahmed 11/27/2023



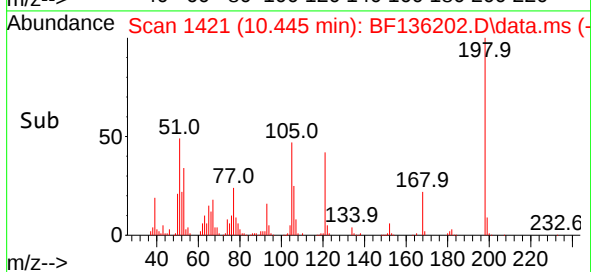
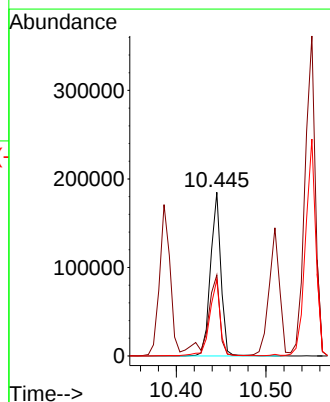
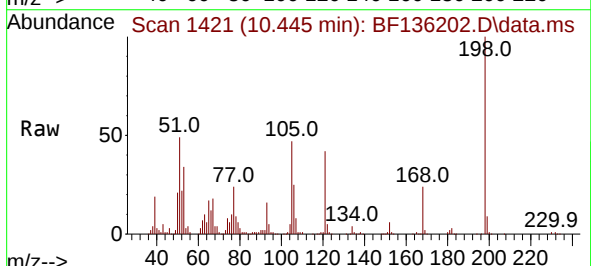
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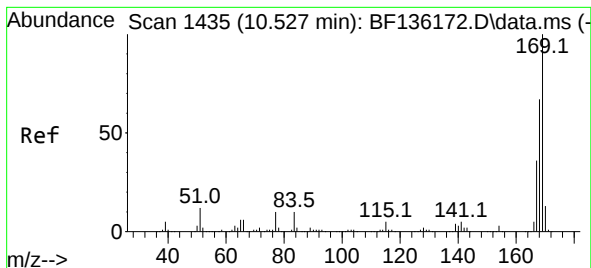
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#65
4,6-Dinitro-2-methylphenol
Concen: 44.399 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

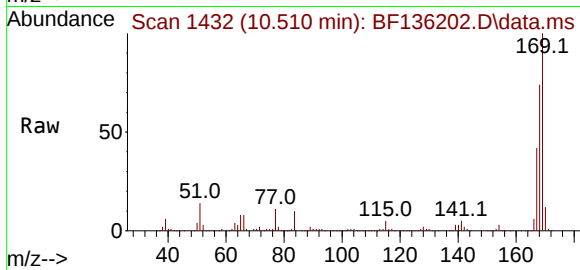
Tgt Ion:198 Resp: 148224
Ion Ratio Lower Upper
198 100
51 49.5 27.3 67.3
105 46.6 24.2 64.2





#66
n-Nitrosodiphenylamine
Concen: 47.100 ng
RT: 10.510 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

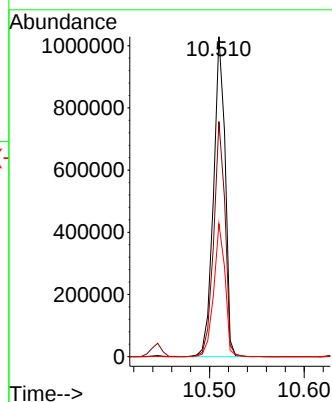
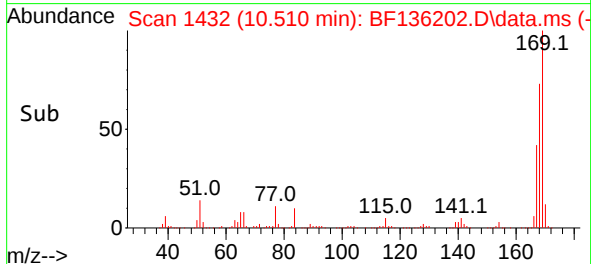
Instrument :
BNA_F
ClientSampleId :
PB157233BS



Tgt Ion:169 Resp: 874404
Ion Ratio Lower Upper
169 100
168 73.5 53.9 80.9
167 41.6 28.9 43.3

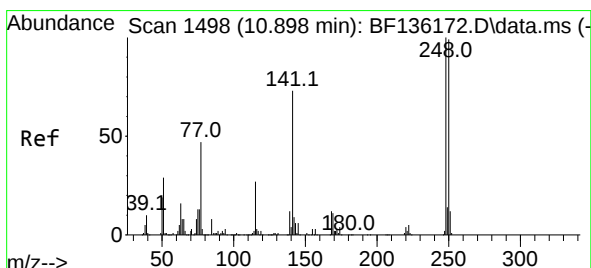
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Supervised By :mohammad ahmed 11/27/2023



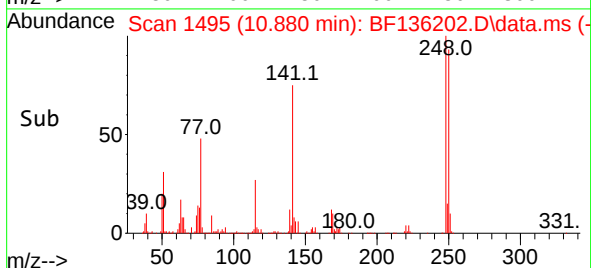
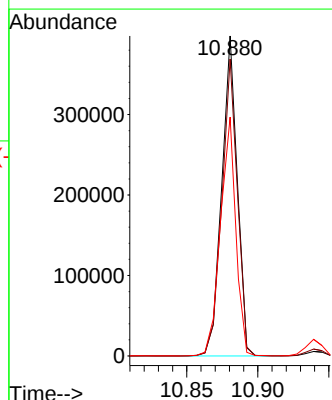
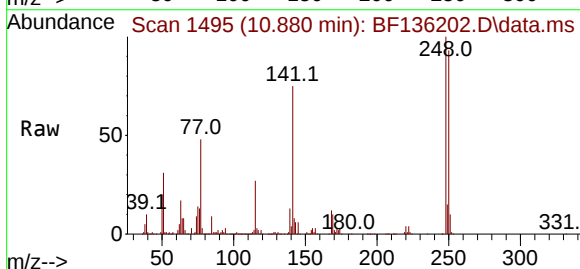
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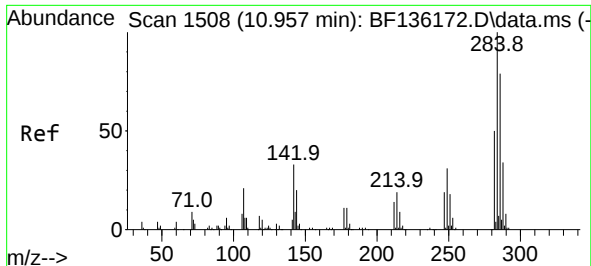
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#67
4-Bromophenyl-phenylether
Concen: 46.235 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:248 Resp: 301319
Ion Ratio Lower Upper
248 100
250 92.8 79.0 118.4
141 74.6 58.8 88.2





#68
Hexachlorobenzene
Concen: 49.747 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

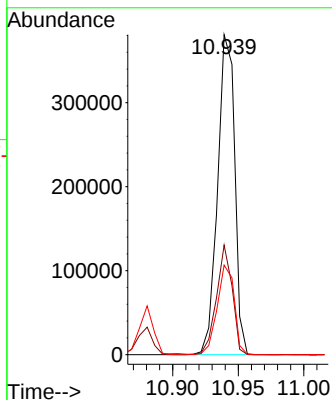
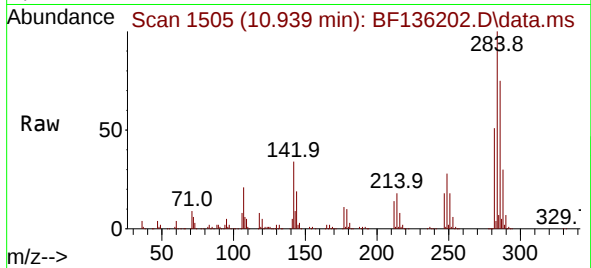
ClientSampleId :

PB157233BS

Tgt Ion:284 Resp: 34420
Ion Ratio Lower Upper
284 100
142 34.3 26.6 39.8
249 28.0 24.6 37.0

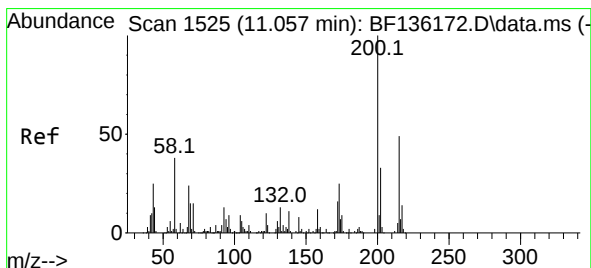
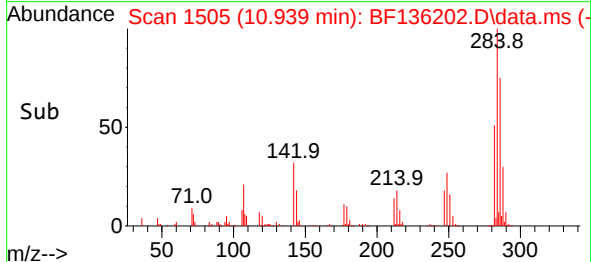
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Supervised By :mohammad ahmed 11/27/2023



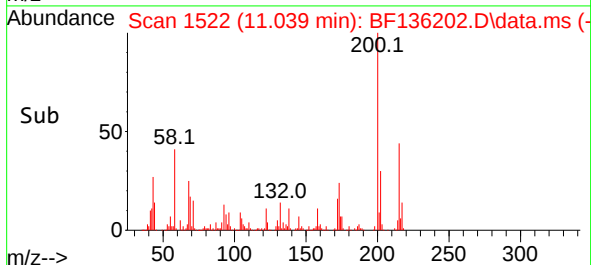
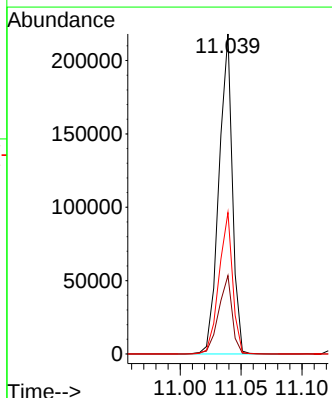
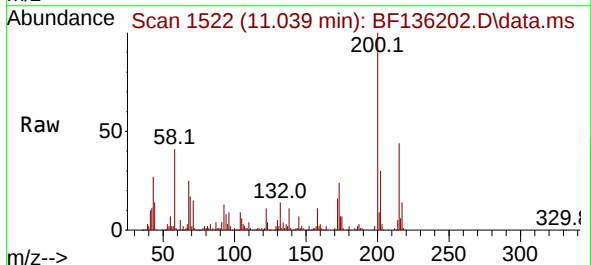
11/27/2023
Supervised By :mohammad
ahmed

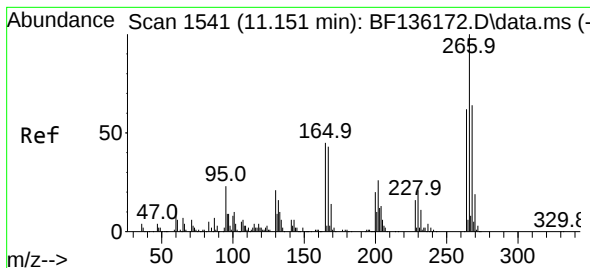
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#69
Atrazine
Concen: 35.718 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:200 Resp: 167988
Ion Ratio Lower Upper
200 100
173 24.5 4.9 44.9
215 44.2 28.9 68.9





#70

Pentachlorophenol

Concen: 92.723 ng

RT: 11.139 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

PB157233BS

Tgt Ion:266 Resp: 35881

Ion Ratio Lower Upper

266 100

268 61.0 50.8 76.2

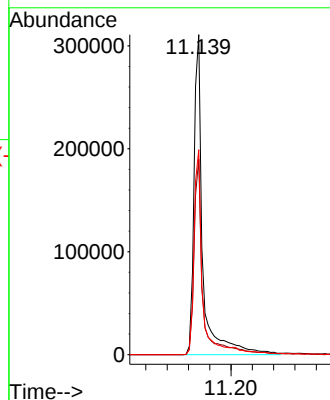
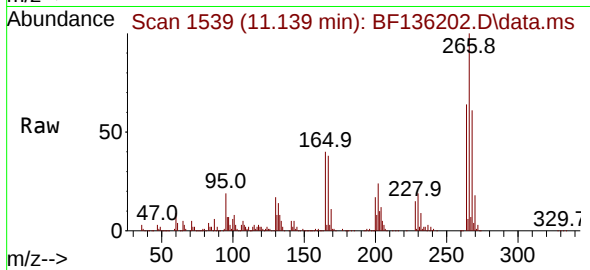
264 64.1 50.0 75.0

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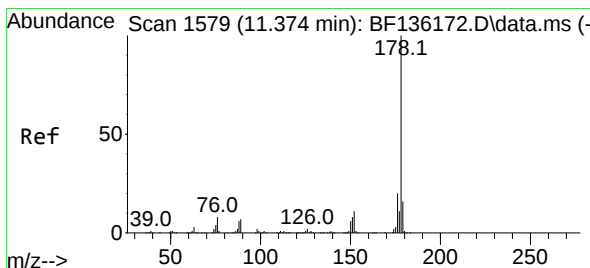
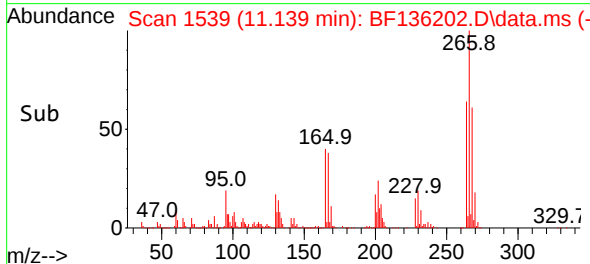
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ahmed

11/27/2023



#71

Phenanthrene

Concen: 51.985 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

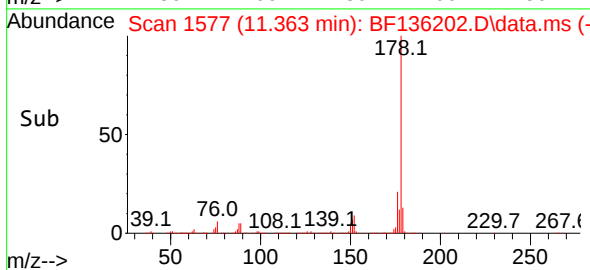
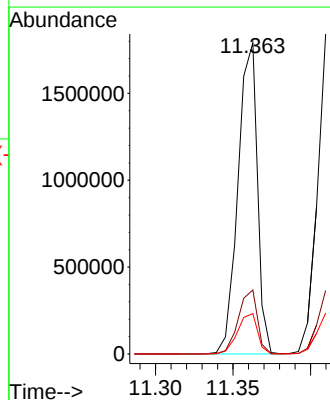
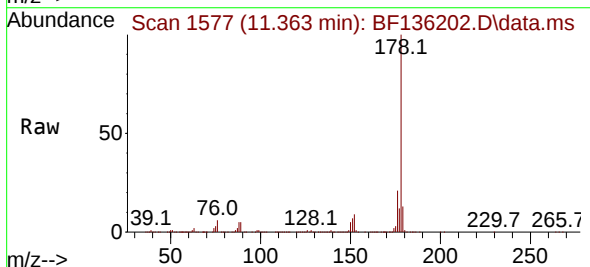
Tgt Ion:178 Resp: 1557757

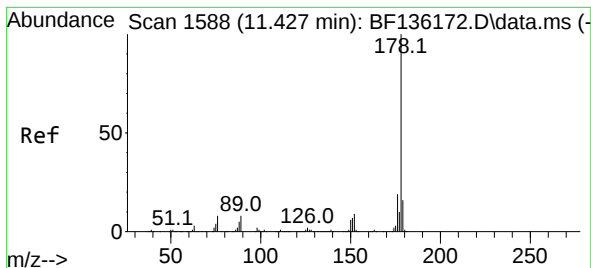
Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

179 12.9 12.7 19.1





#72

Anthracene

Concen: 52.462 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

PB157233BS

Tgt Ion:178 Resp: 160468

Ion Ratio Lower Upper

178 100

176 19.9 15.0 22.4

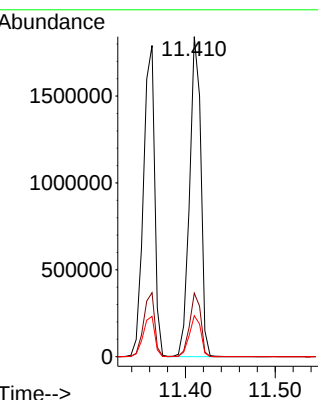
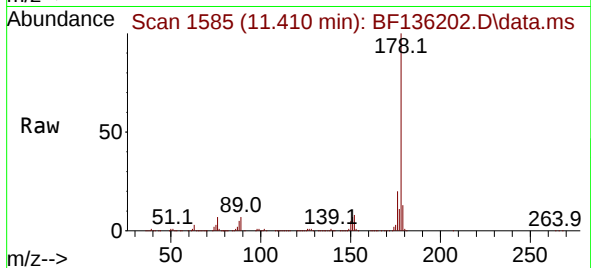
179 12.8 12.6 18.8

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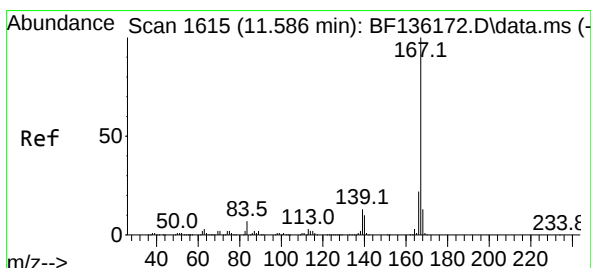
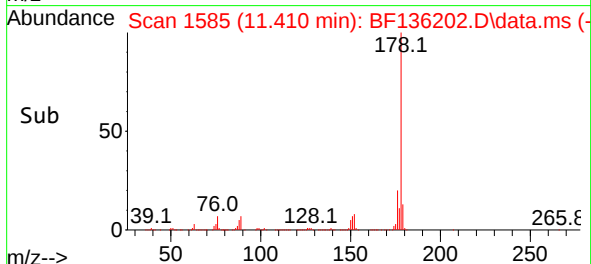
Supervised By :mohammad ahmed 11/27/2023



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ahmed

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#73

Carbazole

Concen: 53.782 ng

RT: 11.569 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

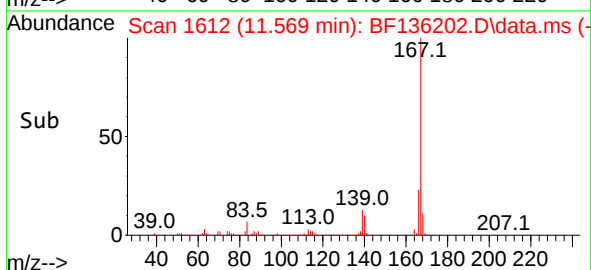
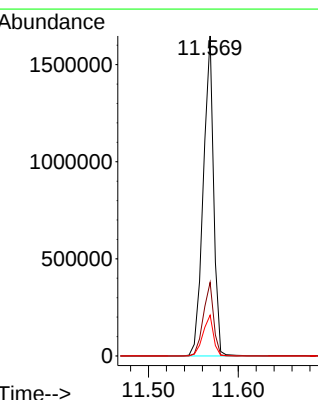
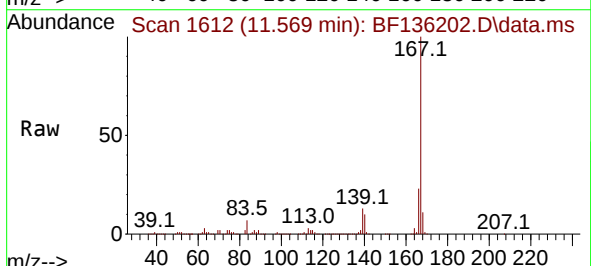
Tgt Ion:167 Resp: 1318182

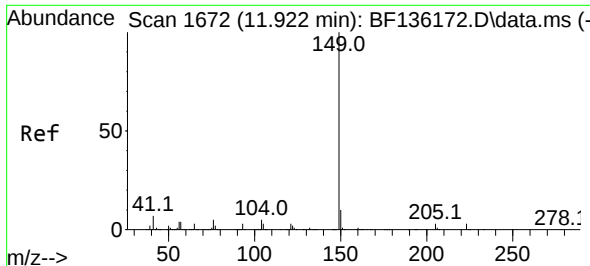
Ion Ratio Lower Upper

167 100

166 23.0 17.3 25.9

139 12.8 10.7 16.1





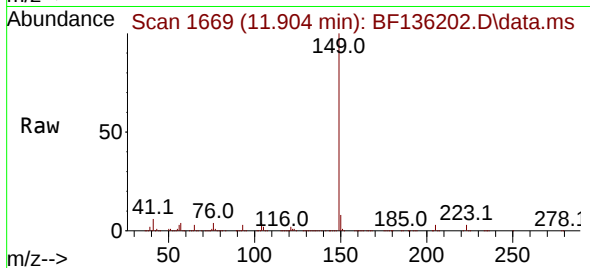
#74
Di-n-butylphthalate
Concen: 57.400 ng
RT: 11.904 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

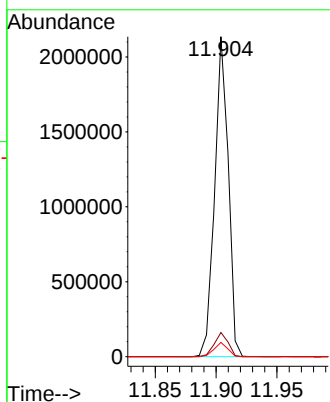
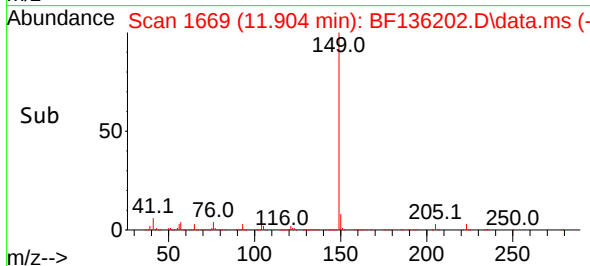
PB157233BS



Tgt Ion:149 Resp: 1664311
Ion Ratio Lower Upper
149 100
150 7.6 7.7 11.5
104 4.5 4.2 6.2

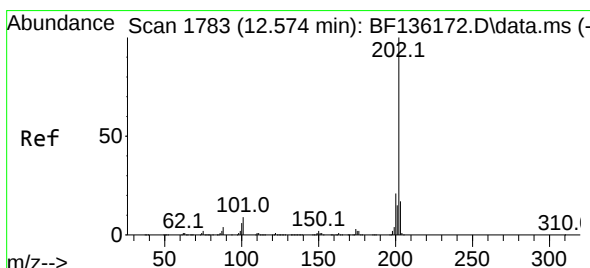
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Supervised By :mohammad ahmed 11/27/2023



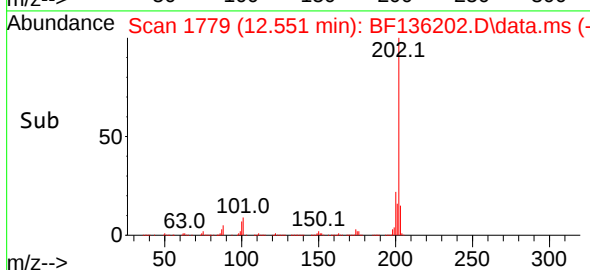
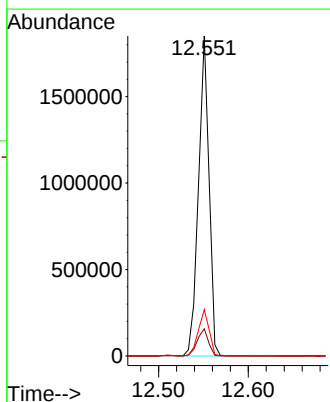
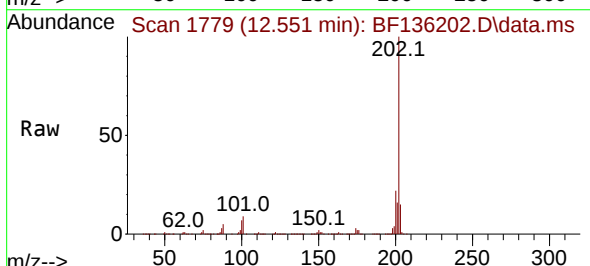
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Supervised By :mohammad
ahmed

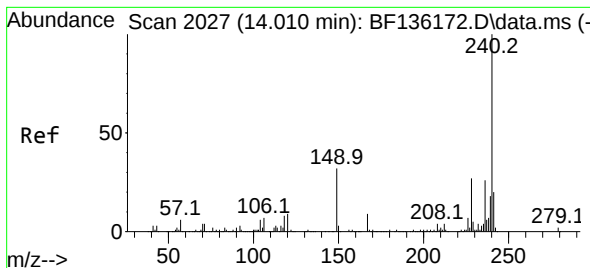
11/27/2023



#75
Fluoranthene
Concen: 55.086 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:202 Resp: 1507412
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.6
203 14.5 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

PB157233BS

Tgt Ion:240 Resp: 29295

Ion Ratio Lower Upper

240 100

120 8.4 7.1 10.7

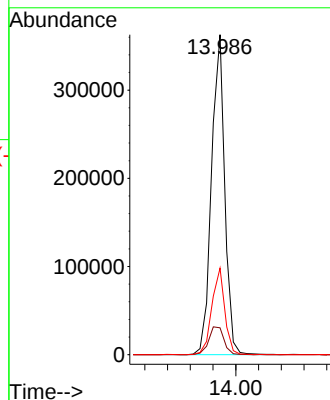
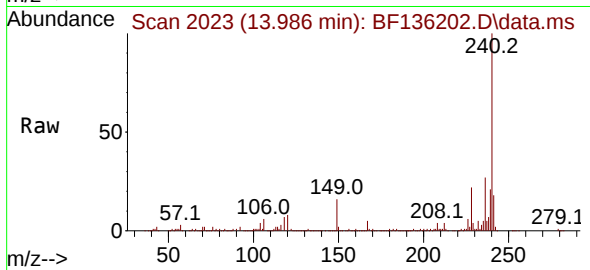
236 27.1 20.9 31.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2023

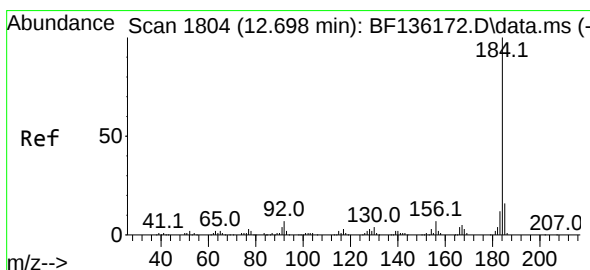
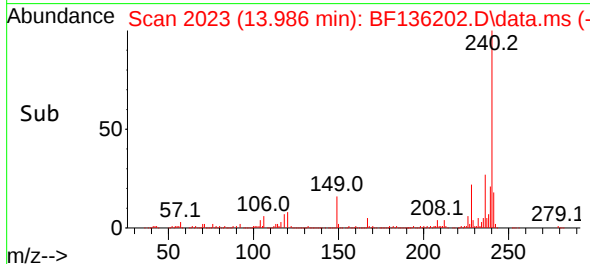
Supervised By :mohammad ahmed 11/27/2023



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Supervised By :mohammad
ahmed

11/27/2023



#77

Benzidine

Concen: 53.042 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

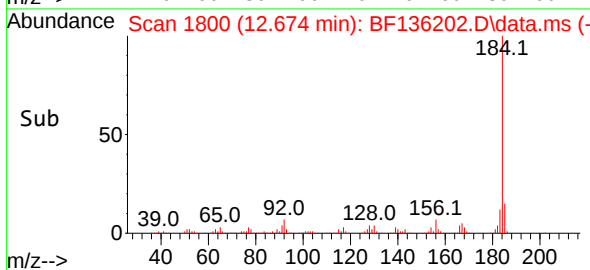
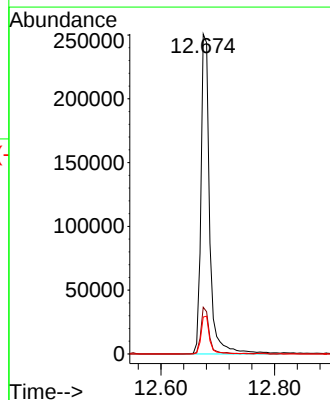
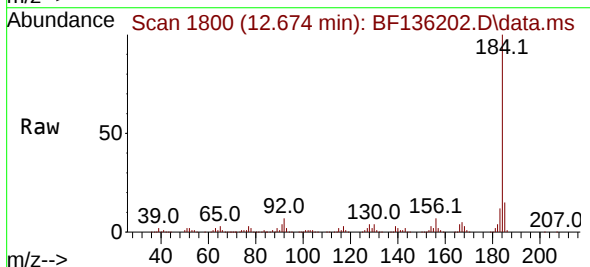
Tgt Ion:184 Resp: 269072

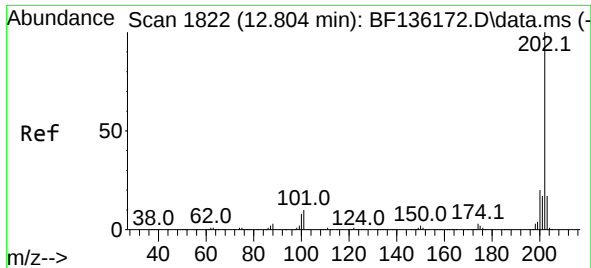
Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

183 11.5 9.2 13.8





#78
 Pyrene
 Concen: 54.552 ng
 RT: 12.780 min Scan# 1818
 Delta R.T. -0.006 min
 Lab File: BF136202.D
 Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

PB157233BS

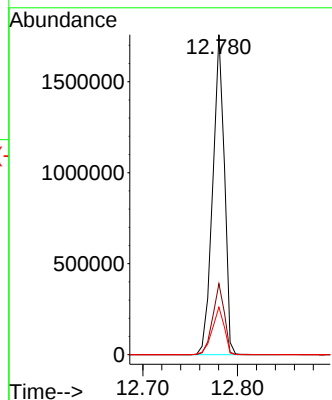
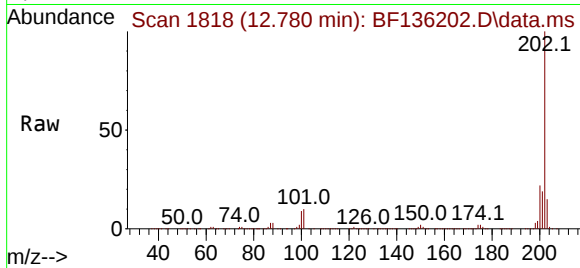
Tgt Ion:202 Resp: 149444
 Ion Ratio Lower Upper
 202 100
 200 22.2 16.2 24.2
 203 14.8 13.6 20.4

Manual Integrations

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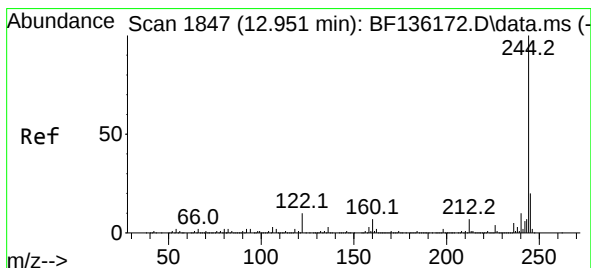
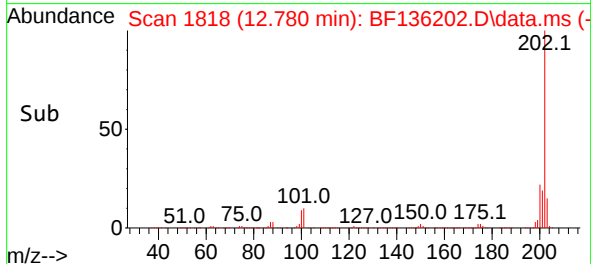
Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/27/2023



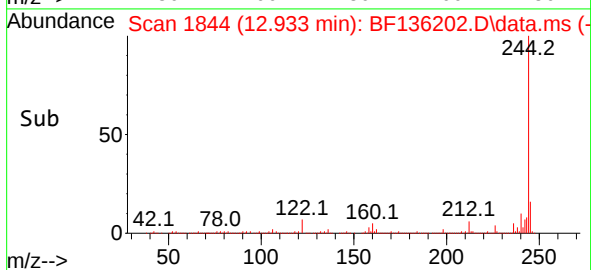
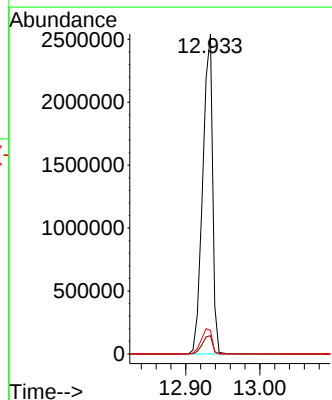
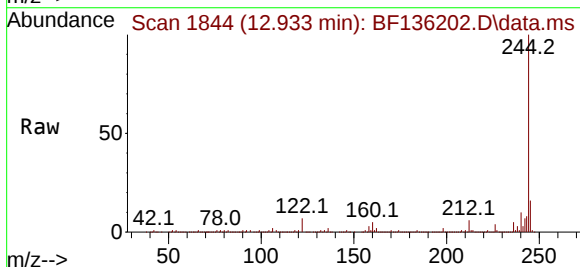
11/27/2023
 Supervised By :mohammad
 ahmed

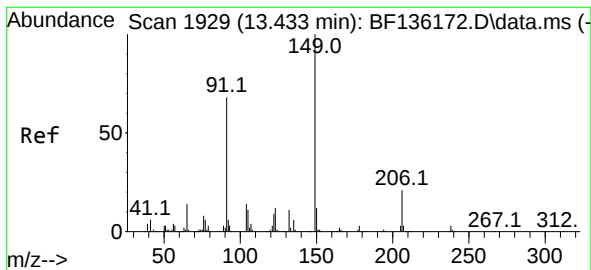
11/27/2023



#79
 Terphenyl-d14
 Concen: 113.390 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF136202.D
 Acq: 25 Nov 2023 03:57

Tgt Ion:244 Resp: 2340209
 Ion Ratio Lower Upper
 244 100
 212 5.7 5.4 8.0
 122 7.4 8.1 12.1#





#80
Butylbenzylphthalate
Concen: 56.507 ng
RT: 13.410 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

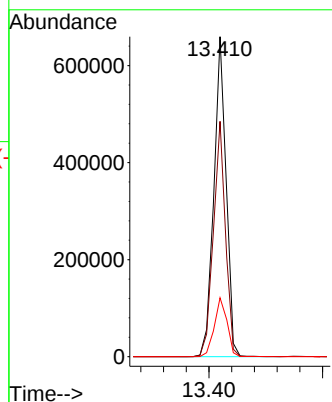
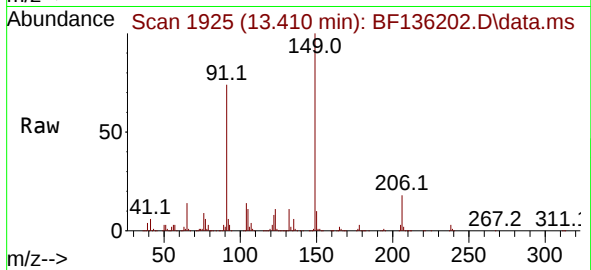
ClientSampleId :

PB157233BS

Tgt Ion:149 Resp: 49326
Ion Ratio Lower Upper
149 100
91 73.6 54.2 81.2
206 18.4 16.6 25.0

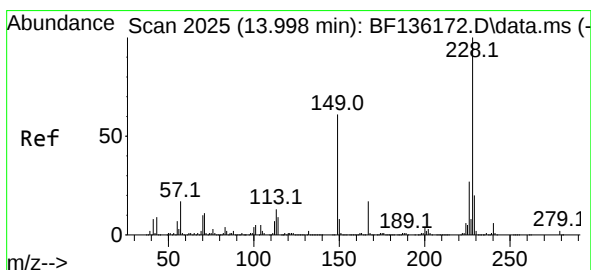
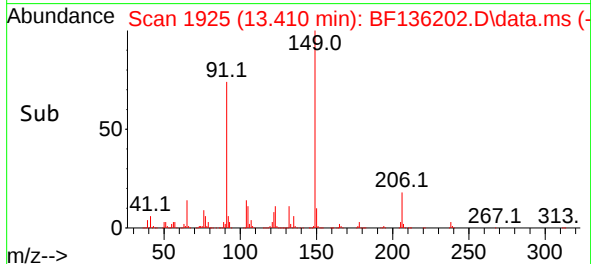
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Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



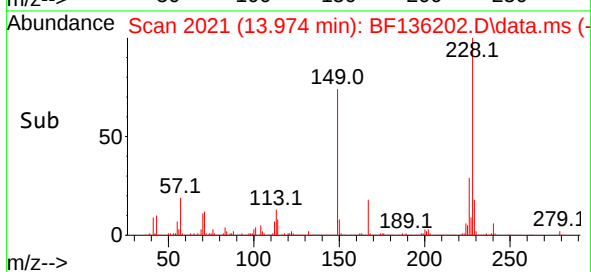
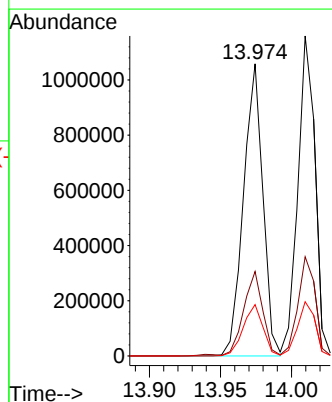
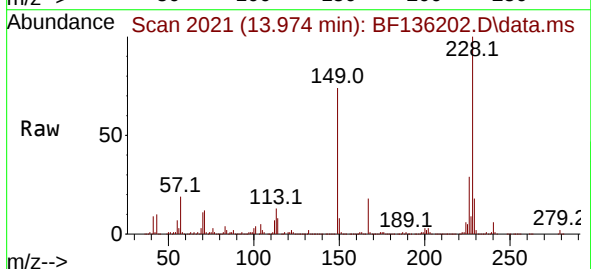
11/27/2023
Supervised By :mohammad
ahmed

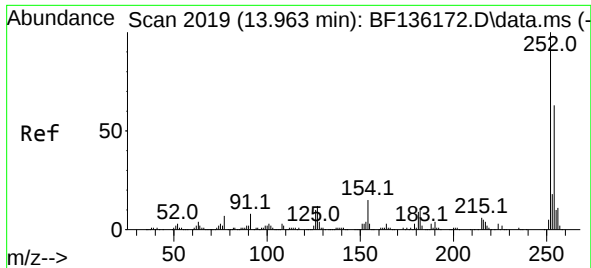
11/27/2023



#81
Benzo(a)anthracene
Concen: 51.831 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:228 Resp: 1007156
Ion Ratio Lower Upper
228 100
226 28.9 21.3 31.9
229 17.6 15.9 23.9





#82
 3,3'-Dichlorobenzidine
 Concen: 50.495 ng
 RT: 13.939 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF136202.D
 Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

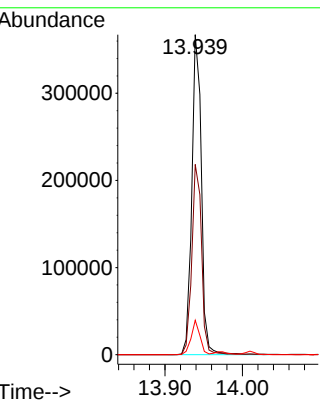
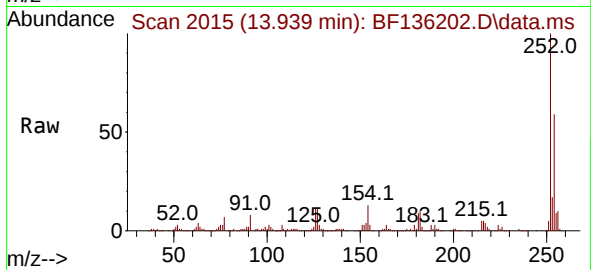
ClientSampleId :

PB157233BS

Tgt Ion:252 Resp: 314992
 Ion Ratio Lower Upper
 252 100
 254 59.5 50.7 76.1
 126 10.7 8.2 12.2

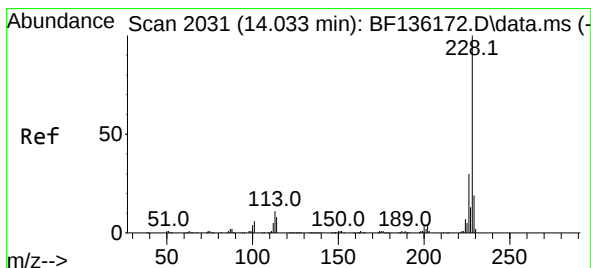
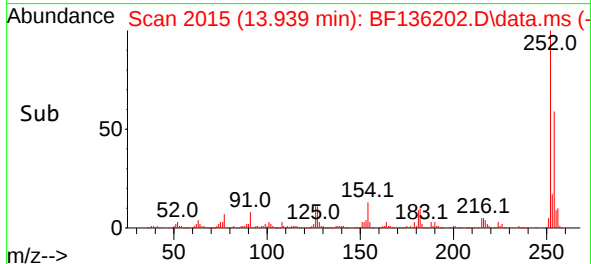
Manual Integrations
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Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/27/2023



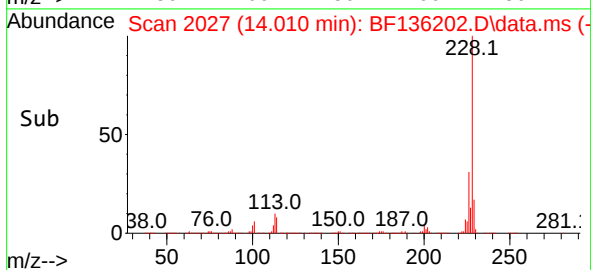
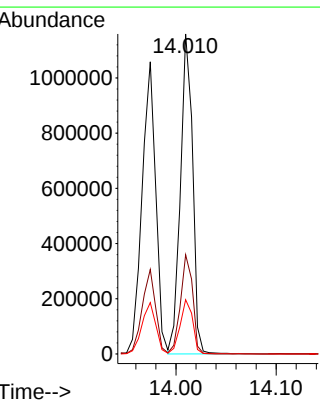
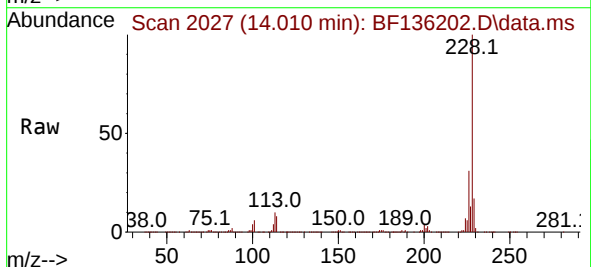
11/27/2023
 Supervised By :mohammad
 ahmed

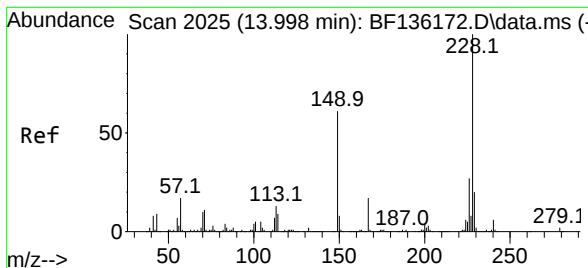
11/27/2023



#83
 Chrysene
 Concen: 51.409 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. -0.006 min
 Lab File: BF136202.D
 Acq: 25 Nov 2023 03:57

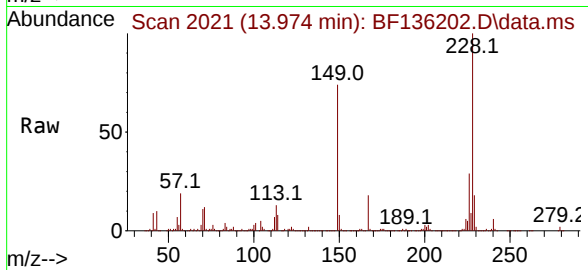
Tgt Ion:228 Resp: 977319
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.8 35.6
 229 17.0 15.7 23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 59.415 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

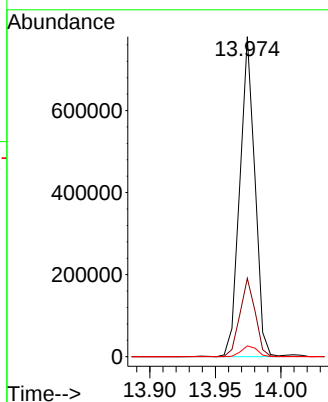
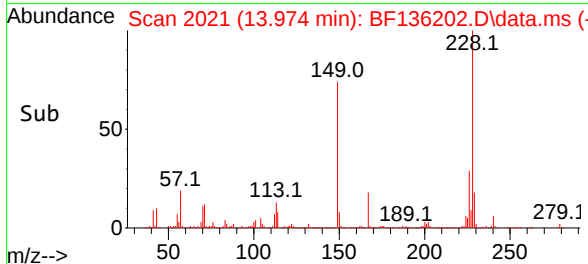
Instrument :
BNA_F
ClientSampleId :
PB157233BS



Tgt Ion:149 Resp: 62601
Ion Ratio Lower Upper
149 100
167 24.5 21.8 32.8
279 3.4 2.9 4.3

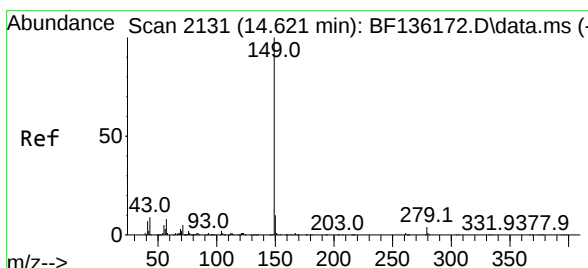
Manual Integrations
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Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



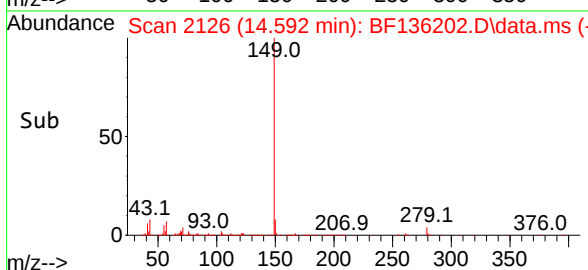
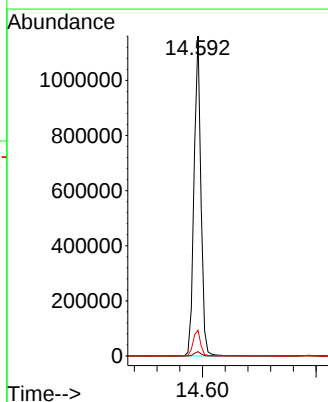
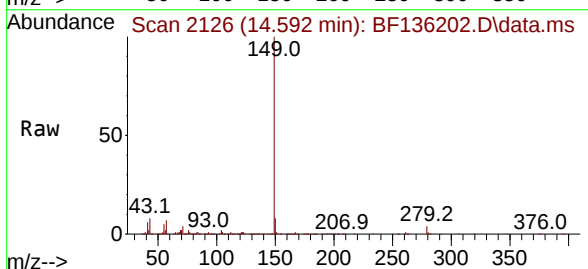
11/27/2023
Supervised By :mohammad
ahmed

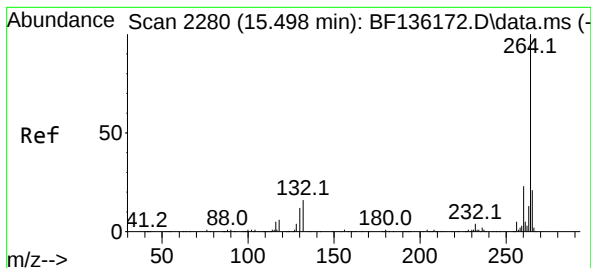
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#85
Di-n-octyl phthalate
Concen: 55.600 ng
RT: 14.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

Tgt Ion:149 Resp: 980817
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 8.8 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

PB157233BS

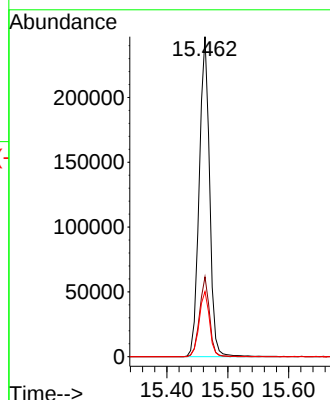
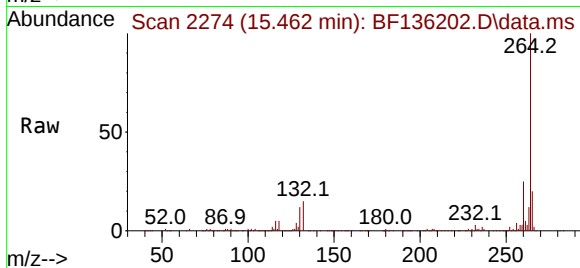
Tgt Ion:264 Resp: 291890
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.5 27.7
 265 20.4 16.9 25.3

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Reviewed By :Yogesh Patel 11/27/2023

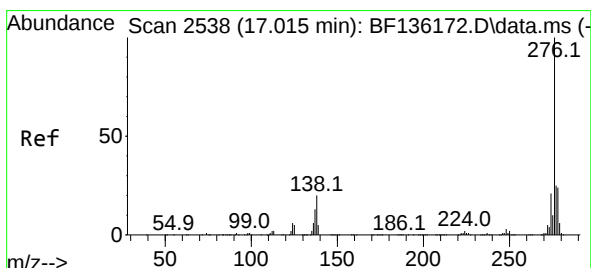
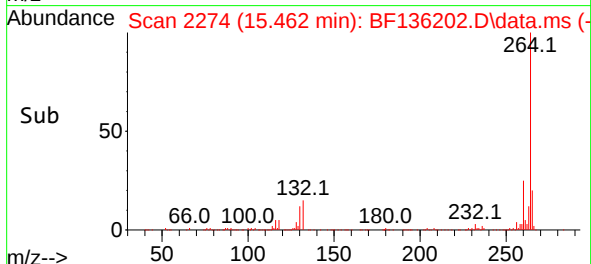
Supervised By :mohammad ahmed 11/27/2023



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Supervised By :mohammad
ahmed

11/27/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 50.027 ng

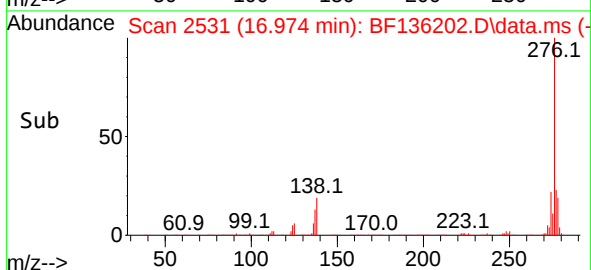
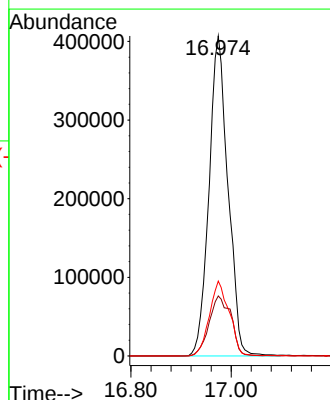
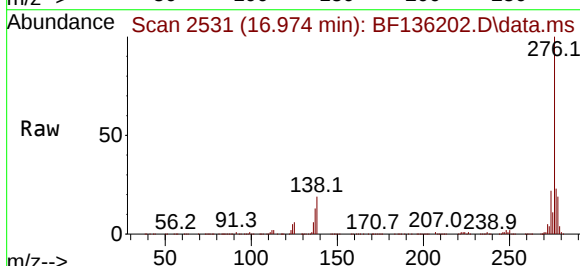
RT: 16.974 min Scan# 2531

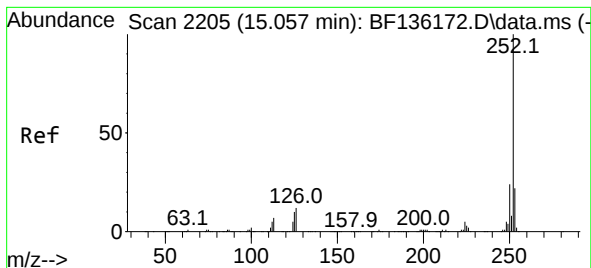
Delta R.T. -0.006 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

Tgt Ion:276 Resp: 1069925
 Ion Ratio Lower Upper
 276 100
 138 21.7 17.7 26.5
 277 24.5 20.6 31.0





#88

Benzo(b)fluoranthene

Concen: 59.638 ng

RT: 15.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

PB157233BS

Tgt Ion:252 Resp: 96111

Ion Ratio Lower Upper

252 100

253 19.6 17.6 26.4

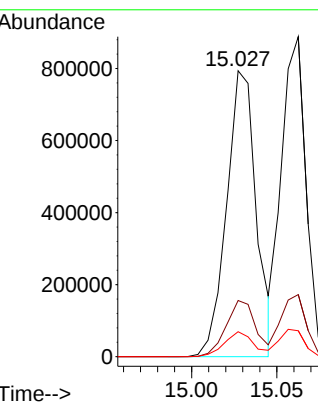
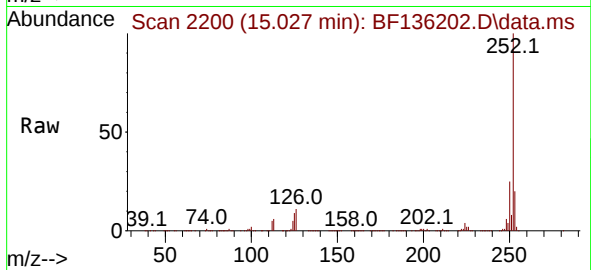
125 8.8 7.8 11.8

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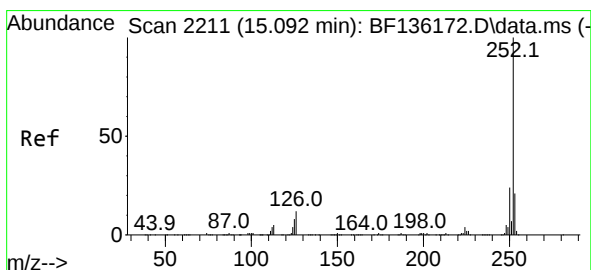
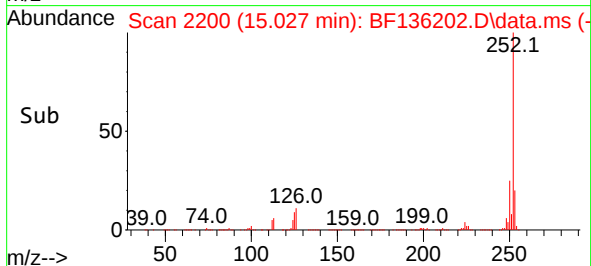
Supervised By :mohammad ahmed 11/27/2023



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Supervised By :mohammad
ahmed

11/27/2023



#89

Benzo(k)fluoranthene

Concen: 55.531 ng

RT: 15.063 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

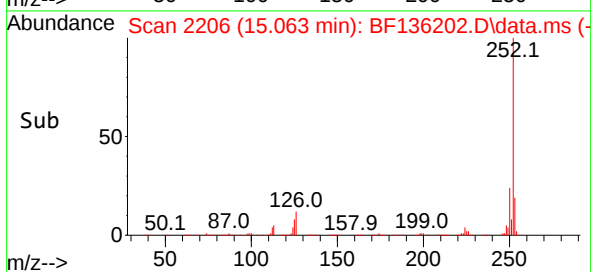
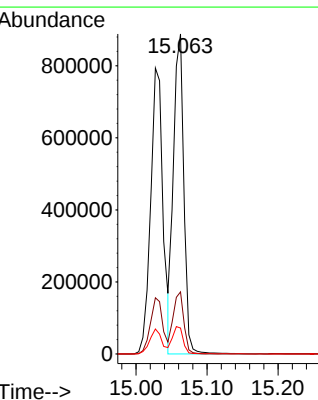
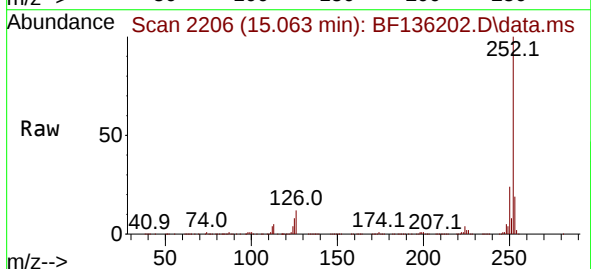
Tgt Ion:252 Resp: 901187

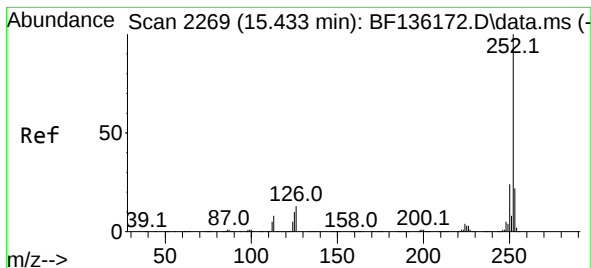
Ion Ratio Lower Upper

252 100

253 19.4 17.3 25.9

125 8.1 6.7 10.1





#90

Benzo(a)pyrene

Concen: 52.173 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

Instrument :

BNA_F

ClientSampleId :

PB157233BS

Tgt Ion:252 Resp: 82930

Ion Ratio Lower Upper

252 100

253 18.8 17.3 25.9

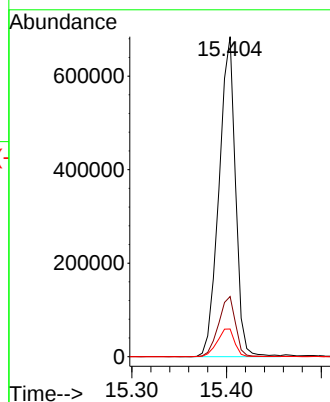
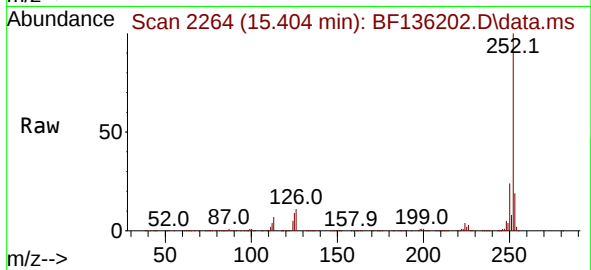
125 8.7 7.7 11.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2023

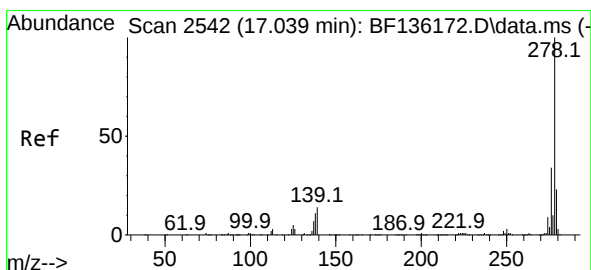
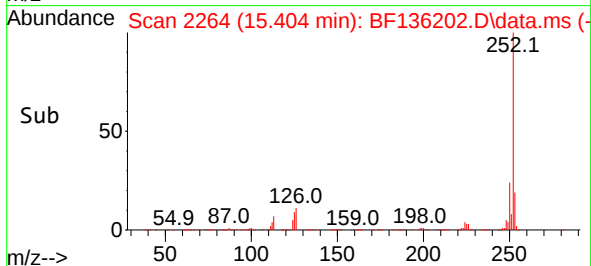
Supervised By :mohammad ahmed 11/27/2023



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Supervised By :mohammad
ahmed

11/27/2023



#91

Dibenzo(a,h)anthracene

Concen: 49.787 ng

RT: 16.998 min Scan# 2535

Delta R.T. -0.006 min

Lab File: BF136202.D

Acq: 25 Nov 2023 03:57

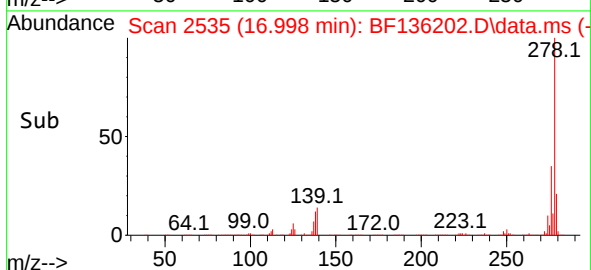
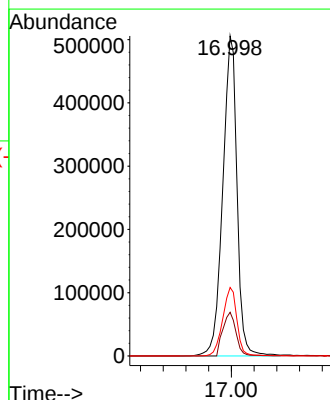
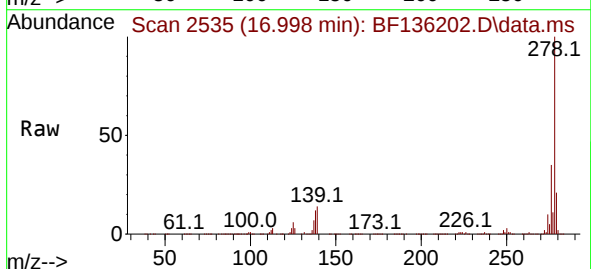
Tgt Ion:278 Resp: 882461

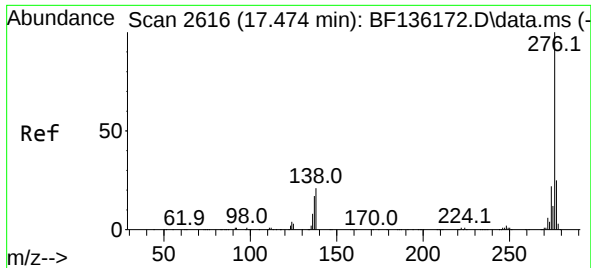
Ion Ratio Lower Upper

278 100

139 13.7 11.2 16.8

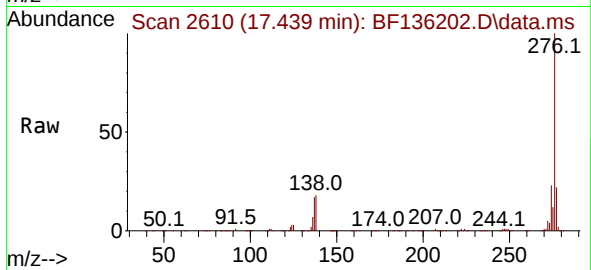
279 21.4 18.6 27.8





#92
Benzo(g,h,i)perylene
Concen: 47.295 ng
RT: 17.439 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF136202.D
Acq: 25 Nov 2023 03:57

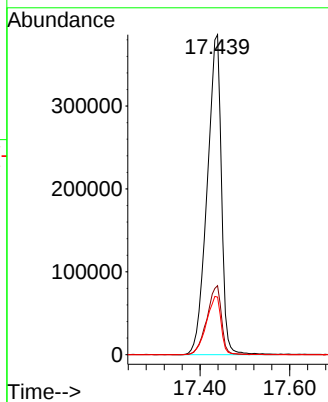
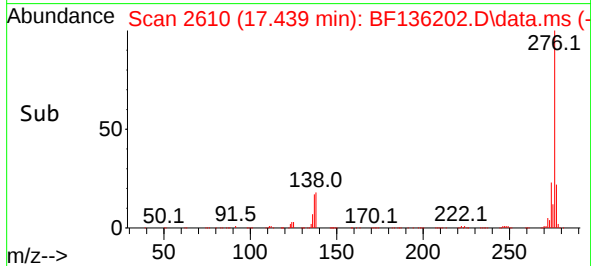
Instrument :
BNA_F
ClientSampleId :
PB157233BS



Tgt Ion:276 Resp: 849904
Ion Ratio Lower Upper
276 100
277 21.6 19.8 29.6
138 18.0 16.4 24.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



11/27/2023
Supervised By :mohammad
ahmed

11/27/2023