

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136200.D
 Acq On : 25 Nov 2023 02:51
 Operator : CG\JU
 Sample : PB157264BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157264BS

Quant Time: Nov 25 04:13:01 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 11/25/2023
 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	138381	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	617590	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	320981	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	616328	20.000	ng	0.00
76) Chrysene-d12	13.986	240	305041	20.000	ng	0.00
86) Perylene-d12	15.462	264	308169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1379621	158.742	ng	0.02
7) Phenol-d6	6.451	99	1676894	156.800	ng	0.00
23) Nitrobenzene-d5	7.375	82	1021755	92.322	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	540134	160.670	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2122925	97.766	ng	0.00
79) Terphenyl-d14	12.933	244	2396638	111.525	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	155215	44.599	ng	97
3) Pyridine	3.404	79	331503	35.450	ng	96
4) n-Nitrosodimethylamine	3.375	42	220578	51.426	ng	90
6) Aniline	6.475	93	512783	37.831	ng	98
8) 2-Chlorophenol	6.592	128	508211	54.320	ng	95
10) Phenol	6.463	94	645771	55.291	ng	92
11) bis(2-Chloroethyl)ether	6.551	93	450186	52.446	ng	96
12) 1,3-Dichlorobenzene	6.751	146	540915	54.810	ng	95
13) 1,4-Dichlorobenzene	6.828	146	554300	56.014	ng	94
14) 1,2-Dichlorobenzene	6.975	146	523845	56.319	ng	93
15) Benzyl Alcohol	6.951	79	371675m	46.468	ng	
16) 2,2'-oxybis(1-Chloropr...	7.087	45	632417	56.395	ng	97
17) 2-Methylphenol	7.063	107	407947	52.260	ng	95
18) Hexachloroethane	7.316	117	191891	53.136	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	352549	57.108	ng	# 93
20) 3+4-Methylphenols	7.216	107	521448	53.526	ng	93
22) Acetophenone	7.216	105	750451	52.630	ng	# 87
24) Nitrobenzene	7.392	77	517660	48.062	ng	95
25) Isophorone	7.628	82	945117	49.484	ng	96
26) 2-Nitrophenol	7.704	139	232809	44.597	ng	99
27) 2,4-Dimethylphenol	7.745	122	421990	48.125	ng	89
28) bis(2-Chloroethoxy)met...	7.839	93	571988	49.659	ng	93
29) 2,4-Dichlorophenol	7.945	162	415755	48.628	ng	95
30) 1,2,4-Trichlorobenzene	8.028	180	474935	49.891	ng	97
31) Naphthalene	8.110	128	1550057	50.950	ng	96
32) Benzoic acid	7.875	122	285239m	44.439	ng	
33) 4-Chloroaniline	8.157	127	426603	33.808	ng	97
34) Hexachlorobutadiene	8.228	225	269888	46.638	ng	97
35) Caprolactam	8.534	113	122660m	49.550	ng	
36) 4-Chloro-3-methylphenol	8.645	107	449518	50.077	ng	99
37) 2-Methylnaphthalene	8.798	142	961750	47.149	ng	89
38) 1-Methylnaphthalene	8.898	142	888284	46.937	ng	87
40) 1,2,4,5-Tetrachloroben...	8.963	216	459097	47.724	ng	98
41) Hexachlorocyclopentadiene	8.951	237	557779	112.440	ng	94
43) 2,4,6-Trichlorophenol	9.081	196	283923	47.135	ng	95
44) 2,4,5-Trichlorophenol	9.128	196	325614	46.924	ng	94

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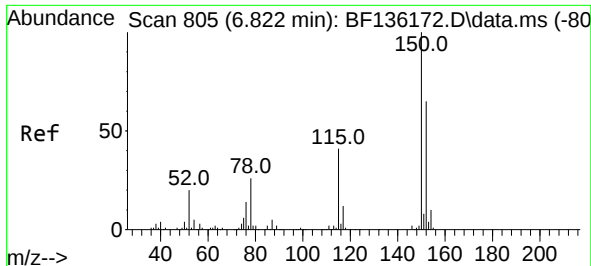
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) 1,1'-Biphenyl	9.269	154	1274975	50.620	ng	96	11/25/2023
47) 2-Chloronaphthalene	9.292	162	952731	51.751	ng	94	Supervised By :mohammad ahmed
48) 2-Nitroaniline	9.386	65	277761	49.485	ng	84	
49) Acenaphthylene	9.704	152	1465939	51.586	ng	96	
50) Dimethylphthalate	9.575	163	1127732	52.000	ng	96	
51) 2,6-Dinitrotoluene	9.633	165	218387	46.406	ng	97	
52) Acenaphthene	9.880	154	905126	47.821	ng	88	11/27/2023
53) 3-Nitroaniline	9.804	138	197637	39.389	ng	97	
54) 2,4-Dinitrophenol	9.910	184	222862	95.844	ng	97	
55) Dibenzofuran	10.051	168	1347908	51.221	ng	99	
56) 4-Nitrophenol	9.969	139	335266	100.552	ng	98	
57) 2,4-Dinitrotoluene	10.039	165	307325	51.419	ng	92	
58) Fluorene	10.398	166	1053014	52.723	ng	90	
59) 2,3,4,6-Tetrachlorophenol	10.169	232	275300	52.345	ng	95	
60) Diethylphthalate	10.275	149	1113436	51.176	ng	95	
61) 4-Chlorophenyl-phenyle...	10.392	204	501448	49.389	ng	90	
62) 4-Nitroaniline	10.422	138	227539	49.759	ng	94	
63) Azobenzene	10.551	77	1035107	54.376	ng	94	
65) 4,6-Dinitro-2-methylph...	10.445	198	153563	43.749	ng	98	
66) n-Nitrosodiphenylamine	10.510	169	908065	46.440	ng	93	
67) 4-Bromophenyl-phenylether	10.880	248	318560	46.409	ng	93	
68) Hexachlorobenzene	10.939	284	367134	50.378	ng	98	
69) Atrazine	11.039	200	173078	34.940	ng	96	
70) Pentachlorophenol	11.139	266	376416	92.352	ng	96	
71) Phenanthrene	11.363	178	1612296m	51.085	ng		
72) Anthracene	11.410	178	1653823	51.335	ng	96	
73) Carbazole	11.569	167	1376773	53.332	ng	97	
74) Di-n-butylphthalate	11.904	149	1723059	56.421	ng	# 96	
75) Fluoranthene	12.551	202	1545386	53.618	ng	96	
77) Benzidine	12.674	184	255734	48.416	ng	97	
78) Pyrene	12.780	202	1535897	53.844	ng	95	
80) Butylbenzylphthalate	13.410	149	517287	56.911	ng	96	
81) Benzo(a)anthracene	13.974	228	1057863	52.284	ng	96	
82) 3,3'-Dichlorobenzidine	13.939	252	332137	51.135	ng	96	
83) Chrysene	14.010	228	1009125	50.980	ng	96	
84) Bis(2-ethylhexyl)phtha...	13.974	149	642525	58.567	ng	95	
85) Di-n-octyl phthalate	14.592	149	1006740	54.809	ng	98	
87) Indeno(1,2,3-cd)pyrene	16.974	276	1133428	50.197	ng	98	
88) Benzo(b)fluoranthene	15.027	252	989534	58.160	ng	95	
89) Benzo(k)fluoranthene	15.063	252	960536	56.063	ng	96	
90) Benzo(a)pyrene	15.404	252	858486	51.157	ng	97	
91) Dibenzo(a,h)anthracene	16.998	278	929451	49.669	ng	98	
92) Benzo(g,h,i)perylene	17.433	276	897338	47.297	ng	96	

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



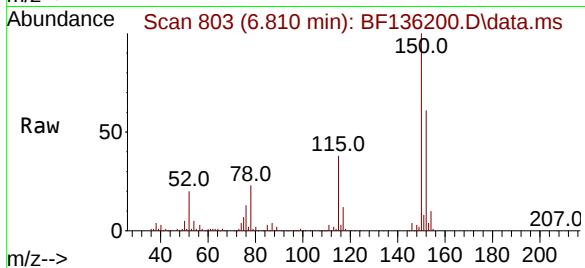
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

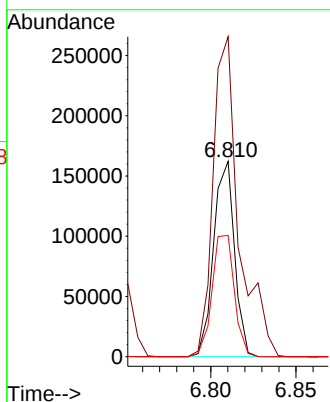
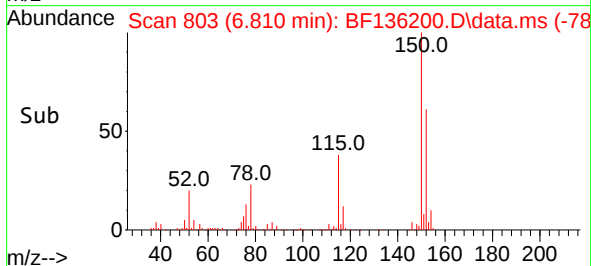
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Tgt Ion:152 Resp: 13838
Ion Ratio Lower Upper
152 100
150 163.8 123.1 184.7
115 62.1 50.5 75.7

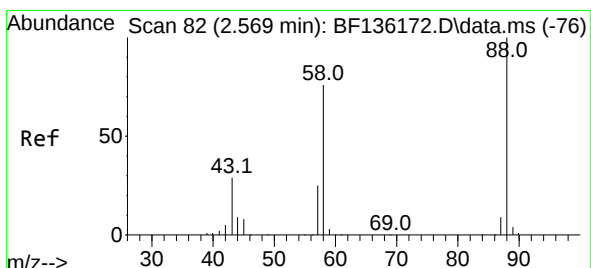
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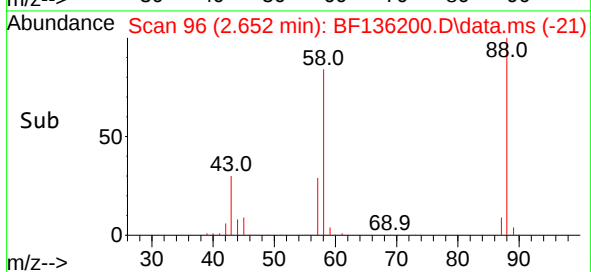
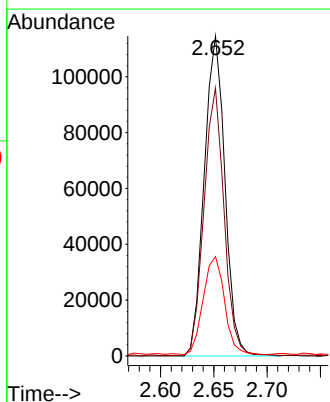
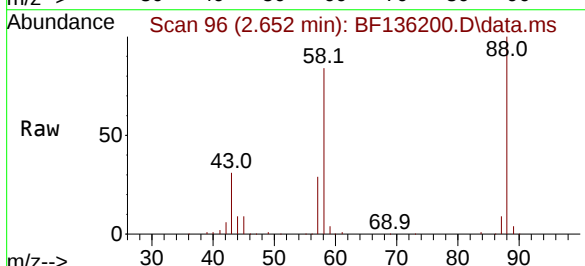
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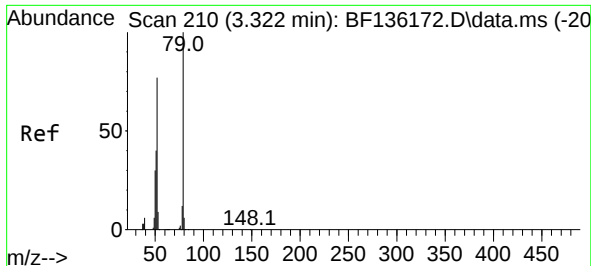
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#2
1,4-Dioxane
Concen: 44.599 ng
RT: 2.652 min Scan# 96
Delta R.T. 0.094 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

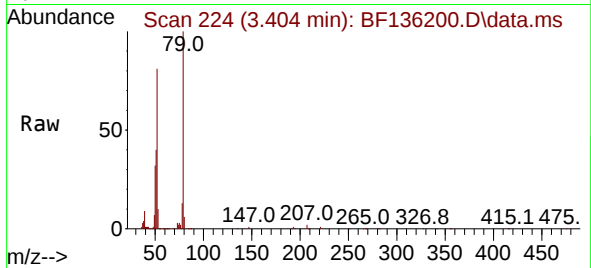
Tgt Ion: 88 Resp: 155215
Ion Ratio Lower Upper
88 100
58 81.1 62.8 94.2
43 31.5 23.9 35.9





#3
Pyridine
Concen: 35.450 ng
RT: 3.404 min Scan# 210
Delta R.T. 0.082 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

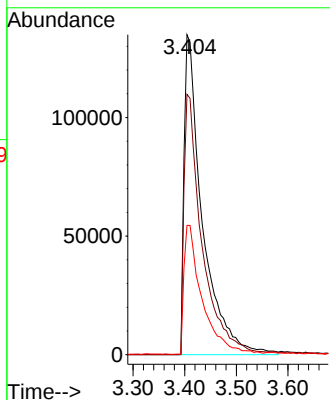
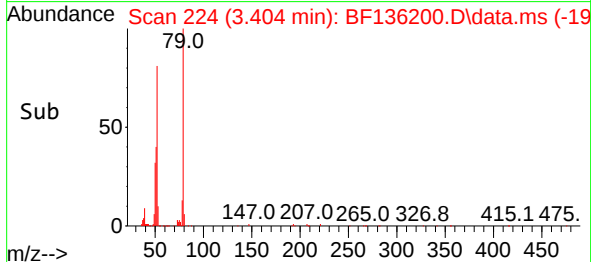
Instrument :
BNA_F
ClientSampleId :
PB157264BS



Tgt Ion: 79 Resp: 33150
Ion Ratio Lower Upper
79 100
52 81.4 61.8 92.6
51 40.4 31.6 47.4

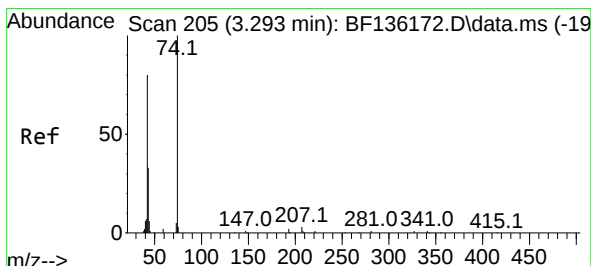
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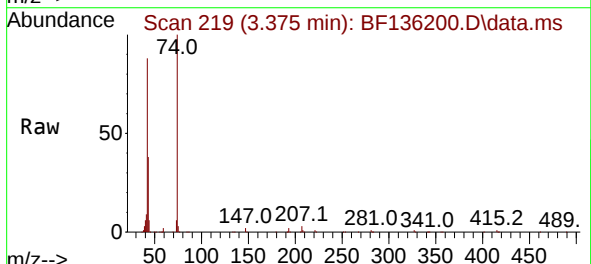


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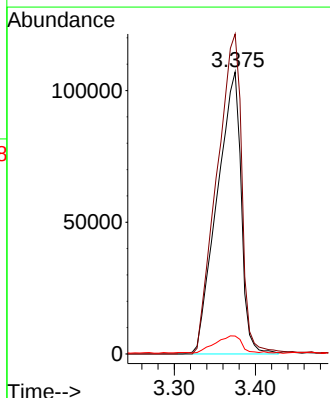
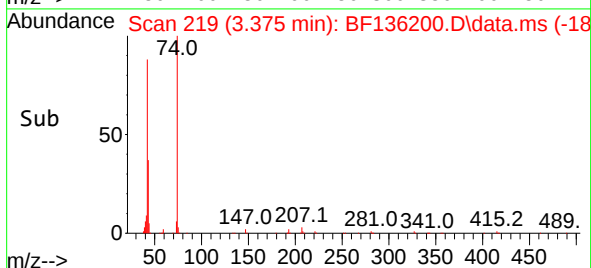
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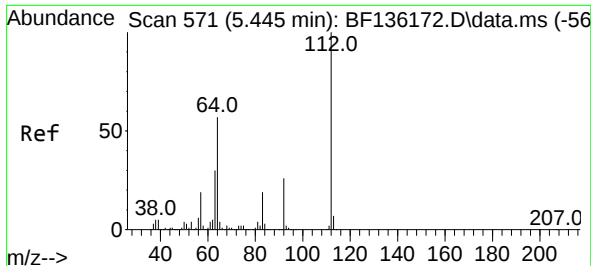


#4
n-Nitrosodimethylamine
Concen: 51.426 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.094 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51



Tgt Ion: 42 Resp: 220578
Ion Ratio Lower Upper
42 100
74 113.4 100.2 150.2
44 6.4 5.6 8.4





#5
2-Fluorophenol
Concen: 158.742 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

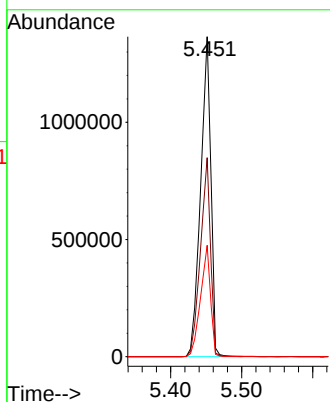
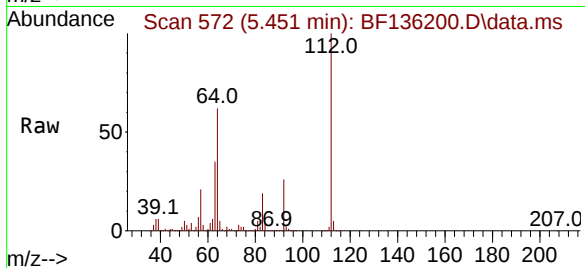
ClientSampleId :

PB157264BS

Tgt Ion:112 Resp: 137962
Ion Ratio Lower Upper
112 100
64 62.2 45.4 68.0
63 34.8 24.4 36.6

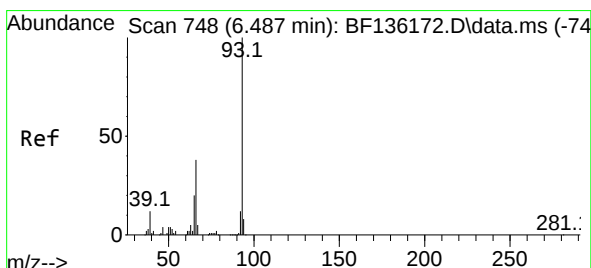
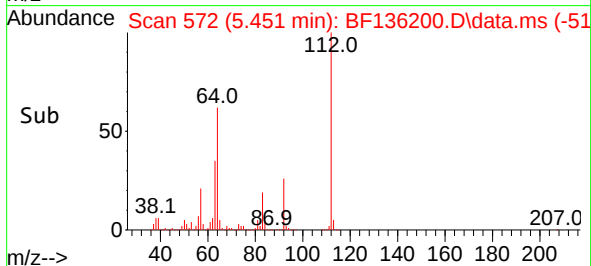
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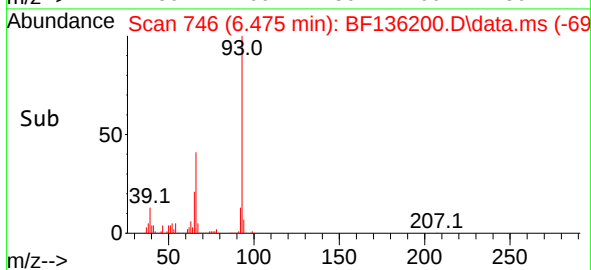
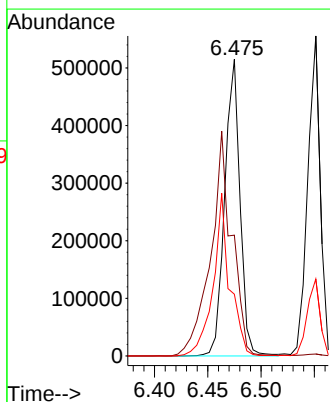
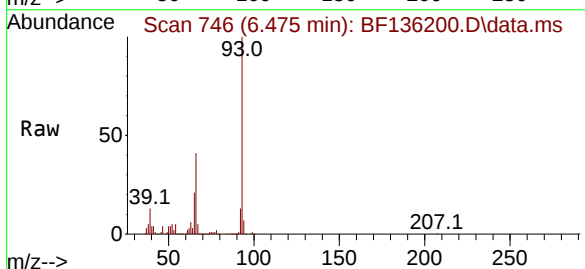
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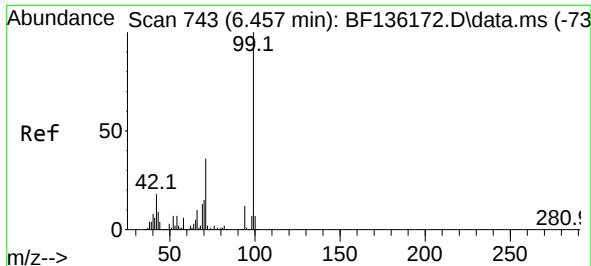
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#6
Aniline
Concen: 37.831 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF136200.D
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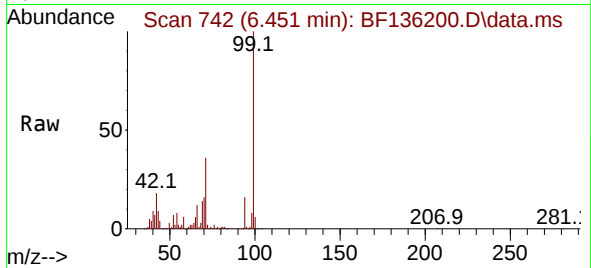
Tgt Ion: 93 Resp: 512783
Ion Ratio Lower Upper
93 100
66 40.7 31.7 47.5
65 20.8 16.1 24.1





#7
Phenol-d6
Concen: 156.800 ng
RT: 6.451 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

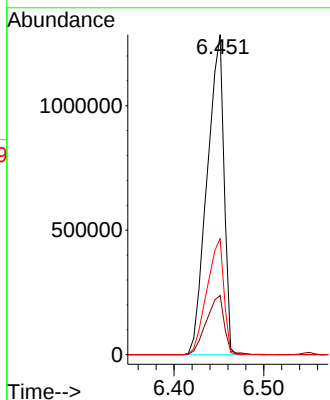
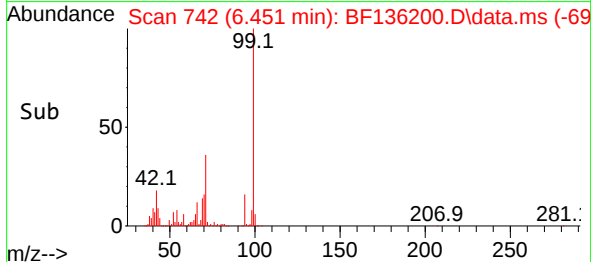
Instrument :
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PB157264BS



Tgt Ion: 99 Resp: 1676894
Ion Ratio Lower Upper
99 100
42 18.5 14.1 21.1
71 36.2 29.0 43.4

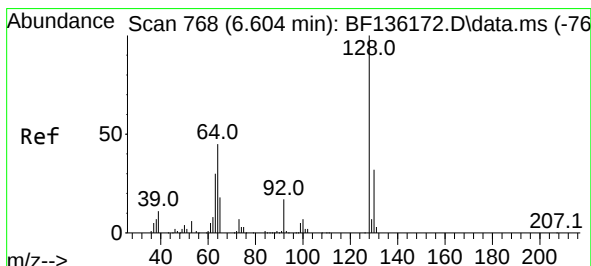
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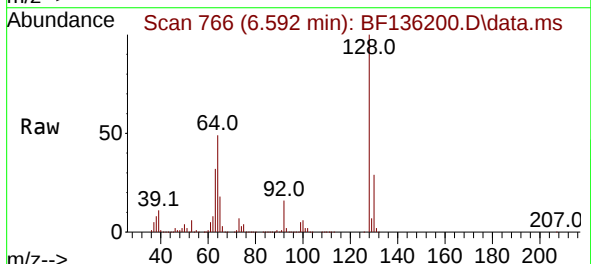


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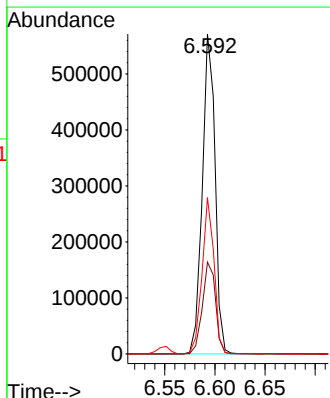
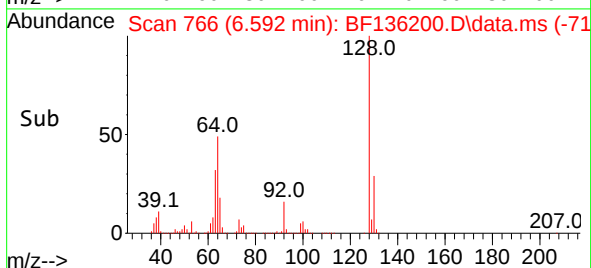
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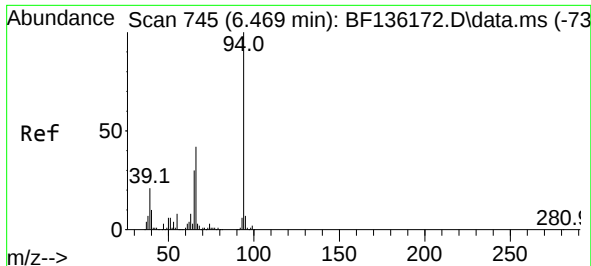


#8
2-Chlorophenol
Concen: 54.320 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51



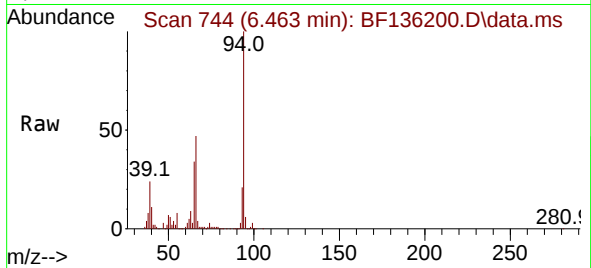
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Ion Ratio Lower Upper
128 100
130 28.7 12.2 52.2
64 48.8 26.5 66.5





#10
Phenol
Concen: 55.291 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

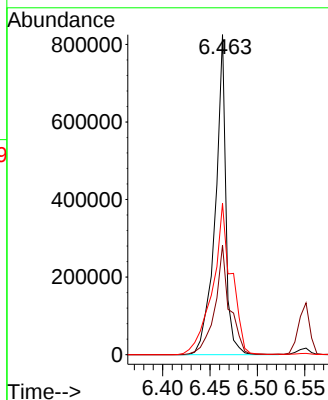
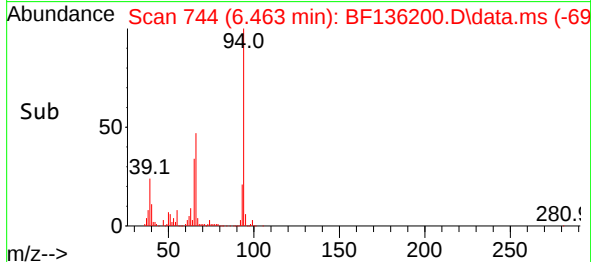
Instrument :
BNA_F
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Tgt Ion: 94 Resp: 64577
Ion Ratio Lower Upper
94 100
65 34.2 9.7 49.7
66 47.3 22.5 62.5

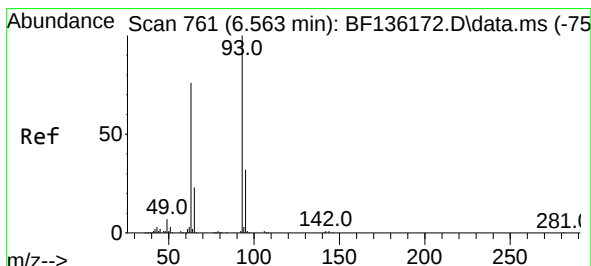
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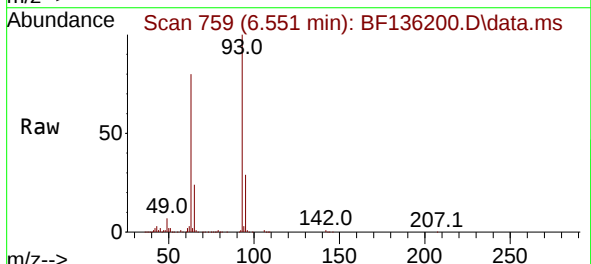


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ahmed

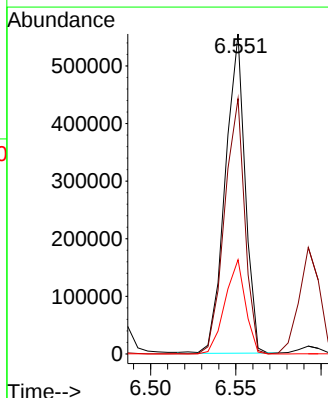
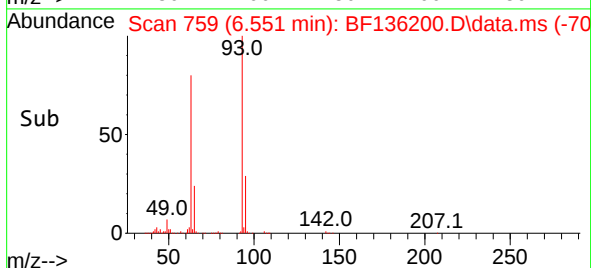
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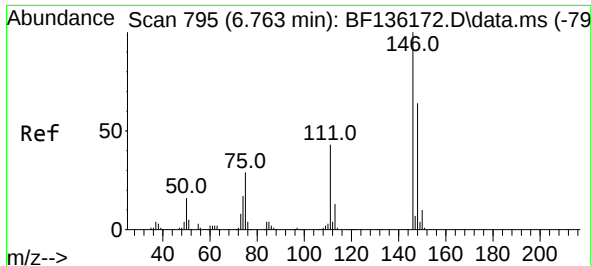


#11
bis(2-Chloroethyl)ether
Concen: 52.446 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51



Tgt Ion: 93 Resp: 450186
Ion Ratio Lower Upper
93 100
63 79.8 56.3 96.3
95 29.4 12.1 52.1





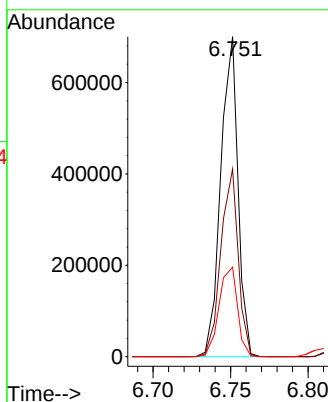
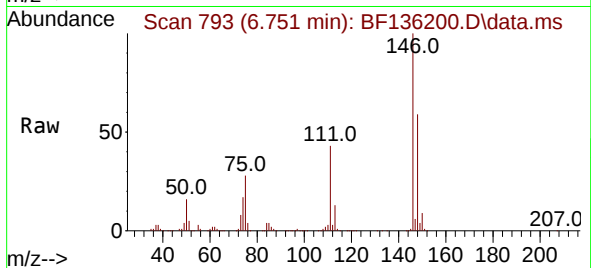
#12
1,3-Dichlorobenzene
Concen: 54.810 ng
RT: 6.751 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :
BNA_F
ClientSampleId :
PB157264BS

Tgt Ion:146 Resp: 540915
Ion Ratio Lower Upper
146 100
148 58.6 51.2 76.8
75 28.0 23.4 35.2

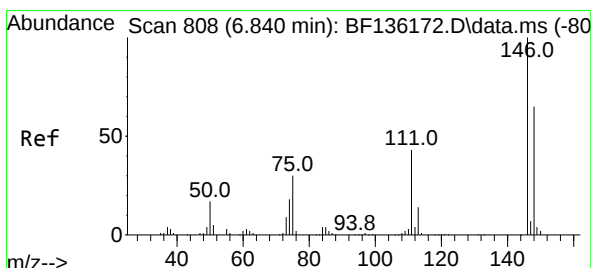
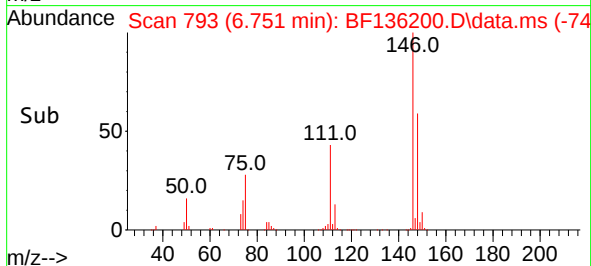
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Supervised By :mohammad ahmed 11/27/2023



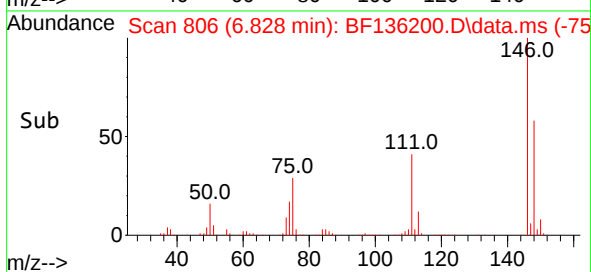
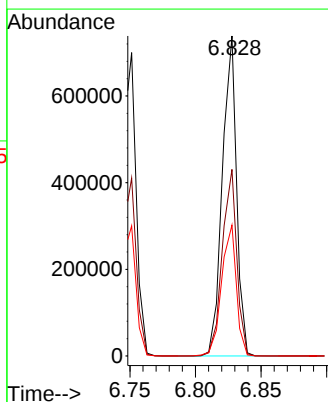
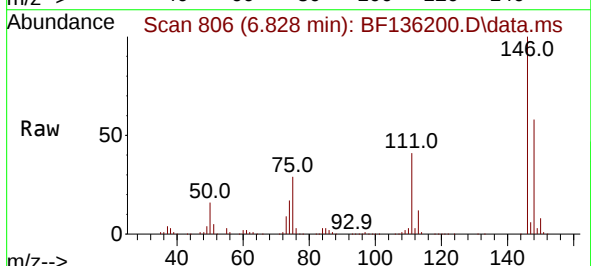
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ahmed

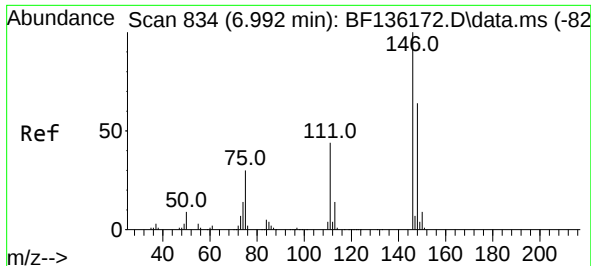
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#13
1,4-Dichlorobenzene
Concen: 56.014 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:146 Resp: 554300
Ion Ratio Lower Upper
146 100
148 58.3 51.8 77.8
111 40.9 34.3 51.5





#14
1,2-Dichlorobenzene
Concen: 56.319 ng
RT: 6.975 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

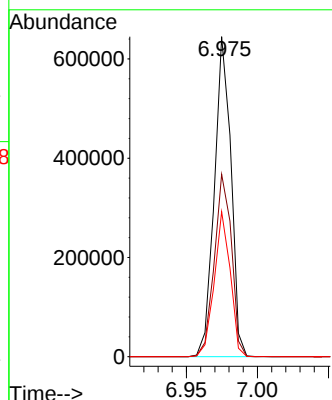
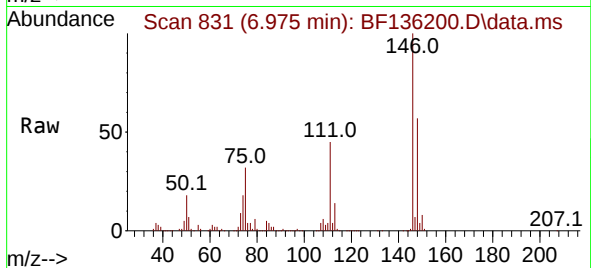
ClientSampleId :

PB157264BS

Tgt Ion:146 Resp: 52384
Ion Ratio Lower Upper
146 100
148 57.0 51.4 77.2
111 45.3 35.0 52.4

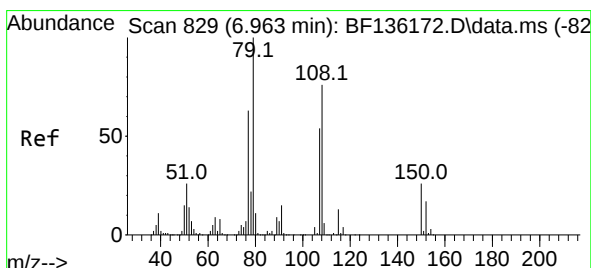
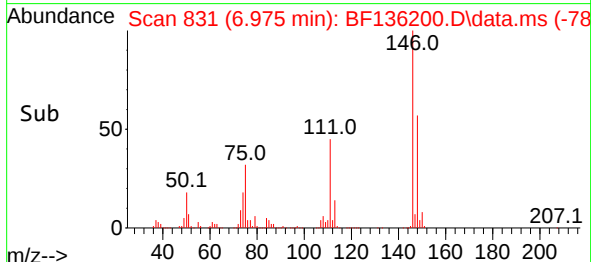
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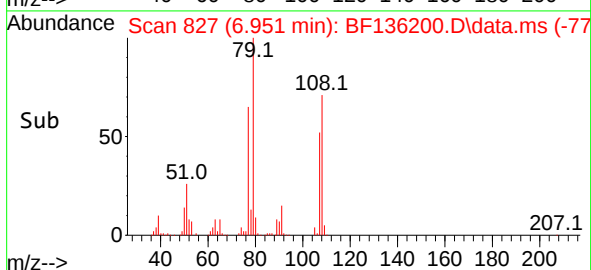
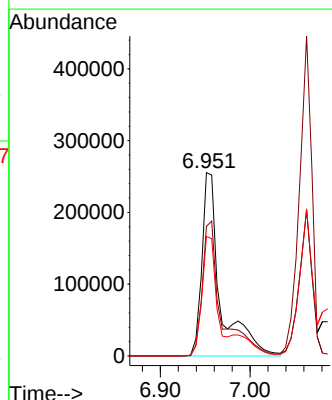
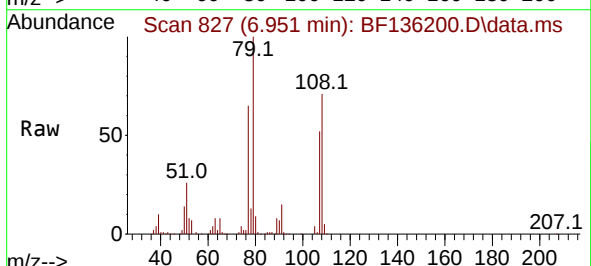
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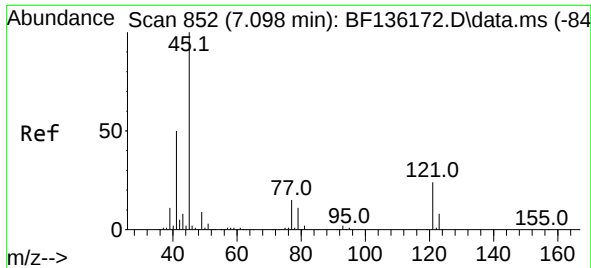
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#15
Benzyl Alcohol
Concen: 46.468 ng m
RT: 6.951 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion: 79 Resp: 371675
Ion Ratio Lower Upper
79 100
108 70.7 60.6 90.8
77 65.2 50.3 75.5





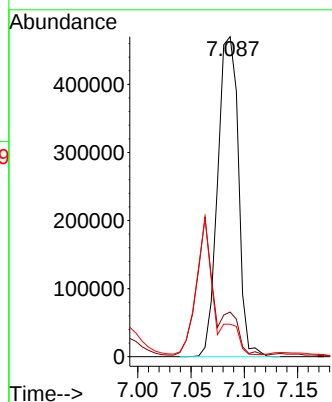
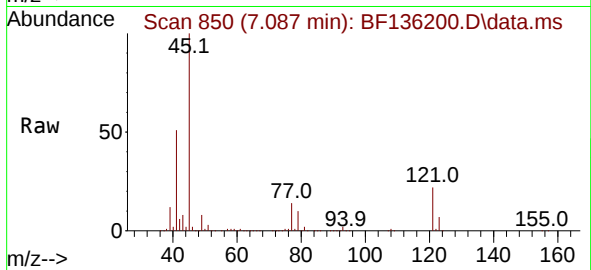
#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.395 ng
RT: 7.087 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :
BNA_F
ClientSampleId :
PB157264BS

Tgt Ion: 45 Resp: 63241
Ion Ratio Lower Upper
45 100
77 14.0 0.0 35.2
79 10.2 0.0 31.2

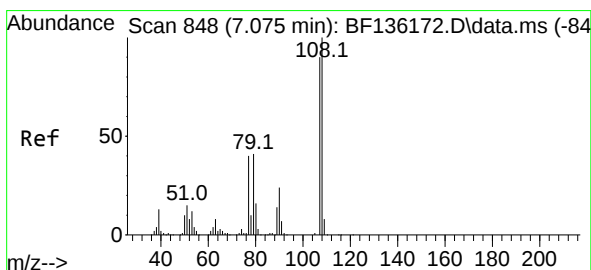
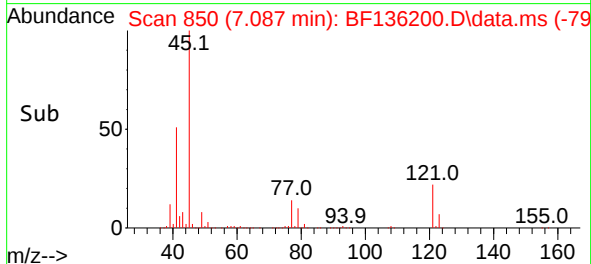
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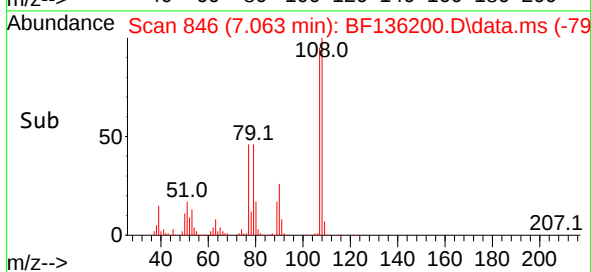
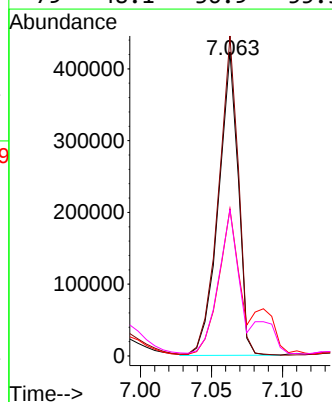
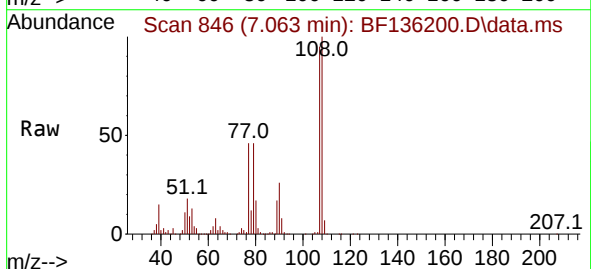
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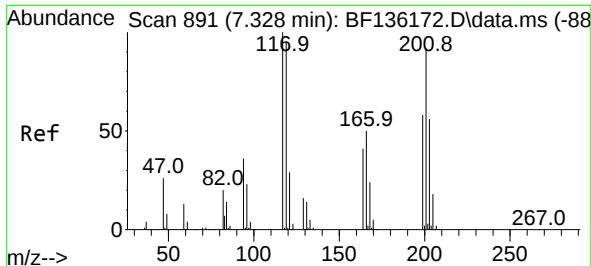
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#17
2-Methylphenol
Concen: 52.260 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:107 Resp: 407947
Ion Ratio Lower Upper
107 100
108 105.2 89.4 134.2
77 48.3 35.9 53.9
79 48.1 36.9 55.3





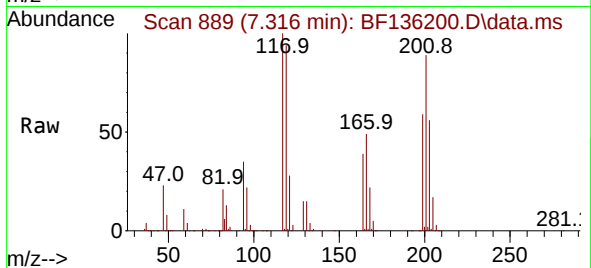
#18
Hexachloroethane
Concen: 53.136 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

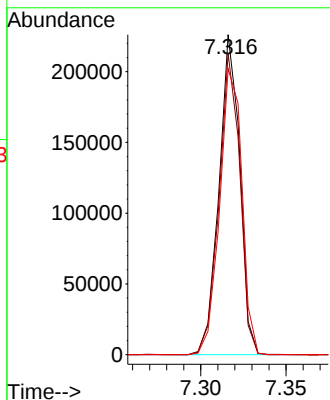
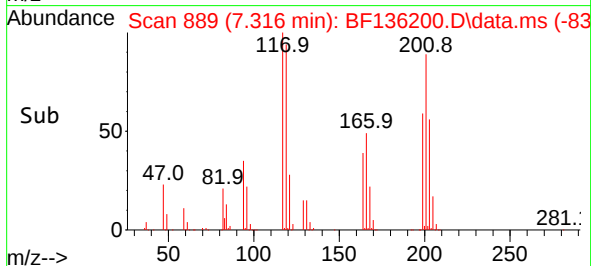
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Tgt Ion:117 Resp: 19189
Ion Ratio Lower Upper
117 100
119 94.1 76.2 114.4
201 89.4 73.7 110.5

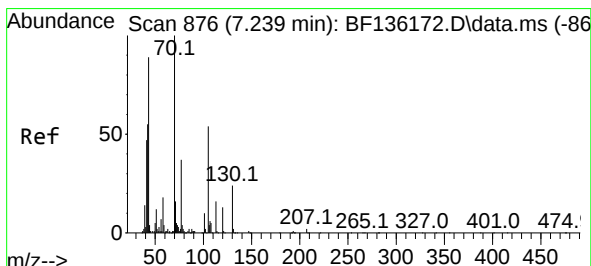
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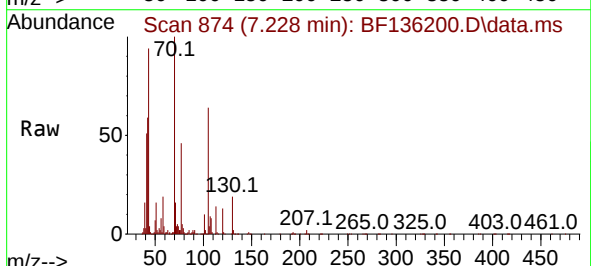


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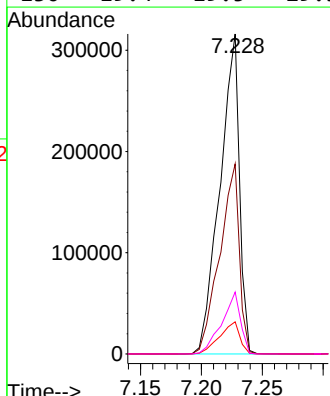
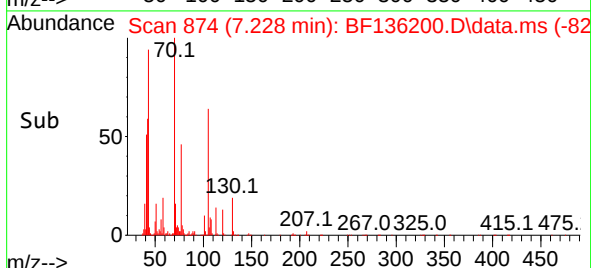
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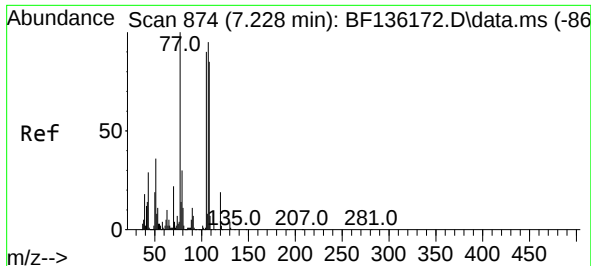


#19
n-Nitroso-di-n-propylamine
Concen: 57.108 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51



Tgt Ion: 70 Resp: 352549
Ion Ratio Lower Upper
70 100
42 59.4 43.9 65.9
101 10.1 8.1 12.1
130 19.4 19.5 29.3#





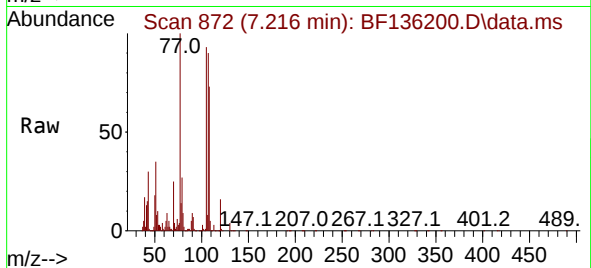
#20
3+4-Methylphenols
Concen: 53.526 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

PB157264BS



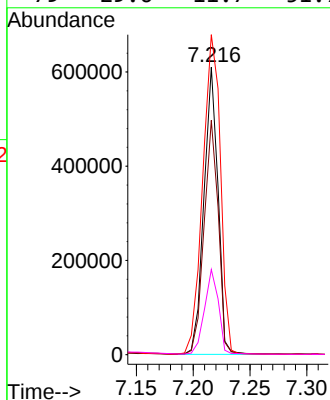
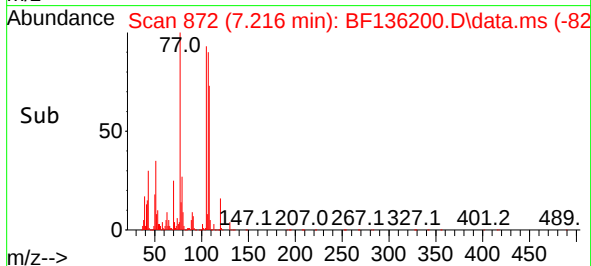
Tgt Ion:107 Resp: 521448
Ion Ratio Lower Upper
107 100
108 81.5 70.1 110.1
77 111.3 85.7 125.7
79 29.6 11.7 51.7

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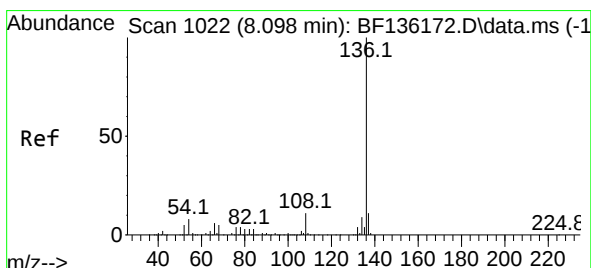
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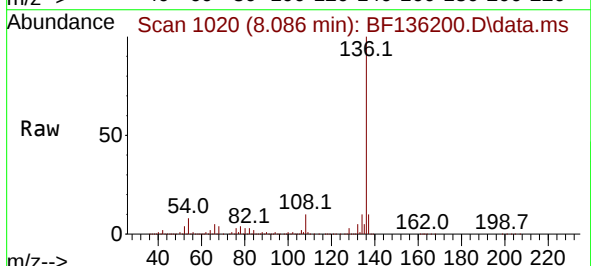
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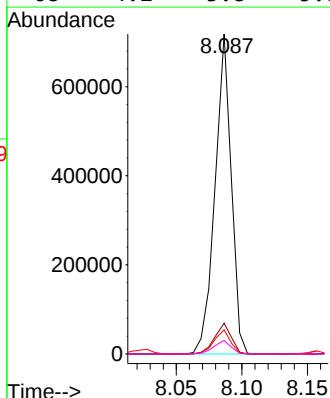
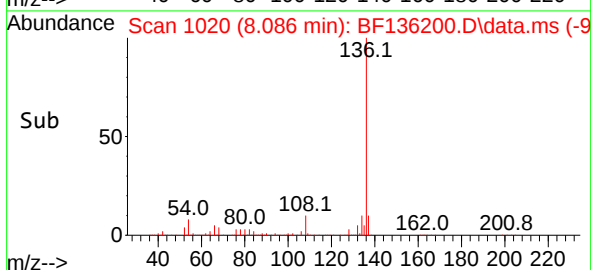
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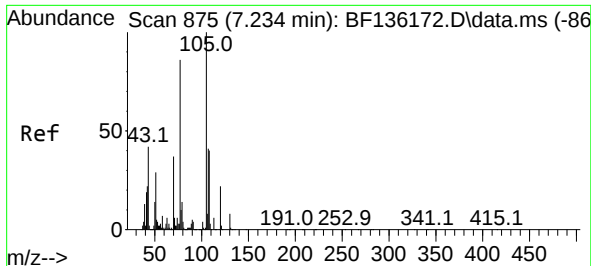


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51



Tgt Ion:136 Resp: 617590
Ion Ratio Lower Upper
136 100
137 9.6 8.6 13.0
54 7.5 6.3 9.5
68 4.2 3.8 5.8





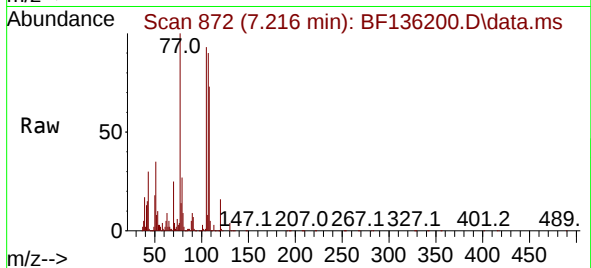
#22
Acetophenone
Concen: 52.630 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

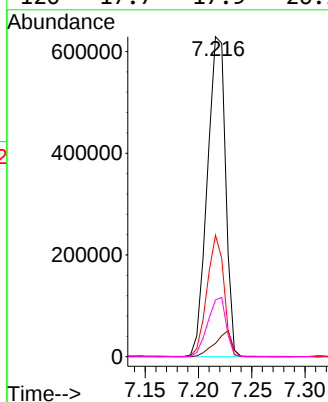
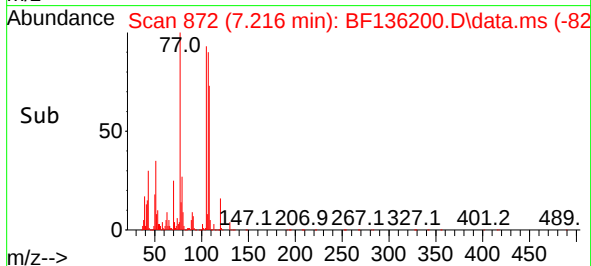
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Tgt Ion:105 Resp: 75045
Ion Ratio Lower Upper
105 100
71 4.2 5.0 7.4
51 38.0 23.5 35.3
120 17.7 17.9 26.9

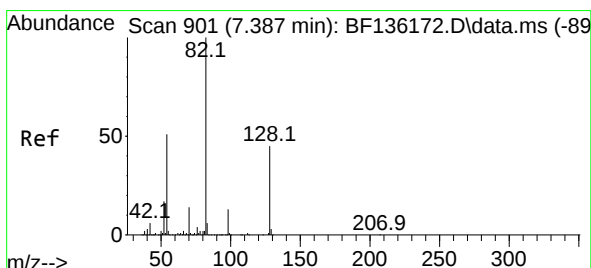
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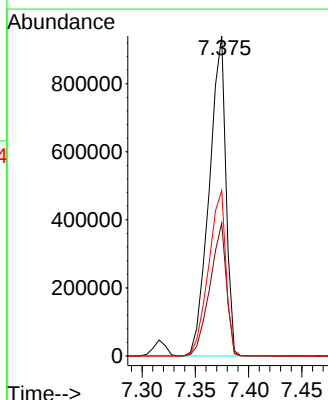
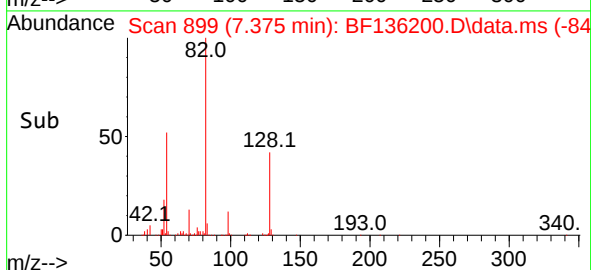
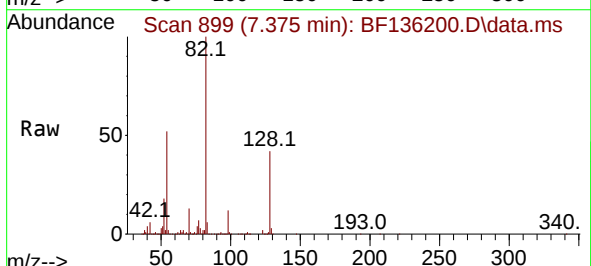
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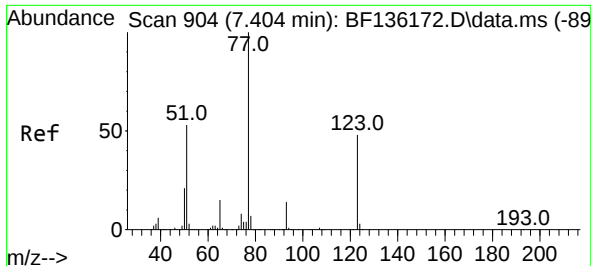
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#23
Nitrobenzene-d5
Concen: 92.322 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion: 82 Resp: 1021755
Ion Ratio Lower Upper
82 100
128 41.5 35.8 53.6
54 51.7 40.6 60.8





#24
Nitrobenzene
Concen: 48.062 ng
RT: 7.392 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

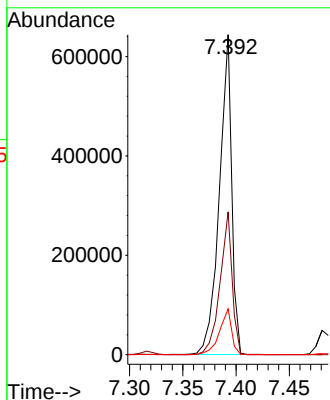
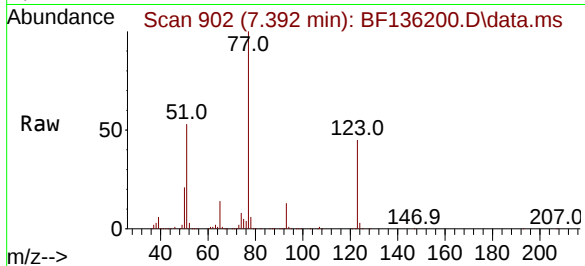
ClientSampleId :

PB157264BS

Tgt Ion: 77 Resp: 517660
Ion Ratio Lower Upper
77 100
123 44.6 38.8 58.2
65 14.3 11.7 17.5

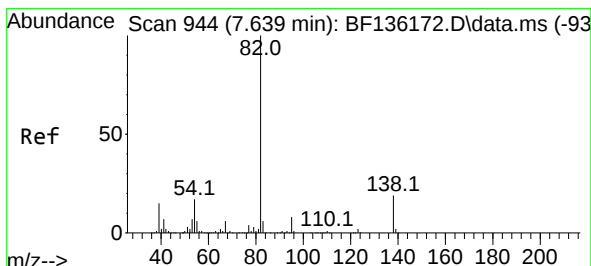
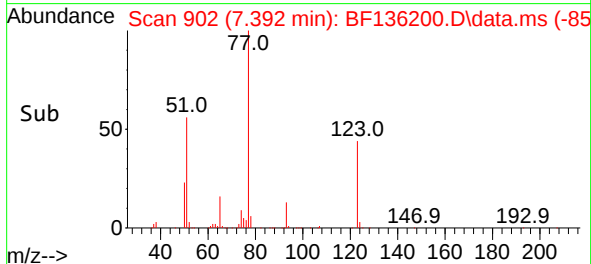
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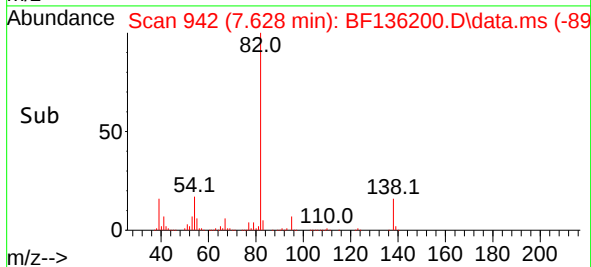
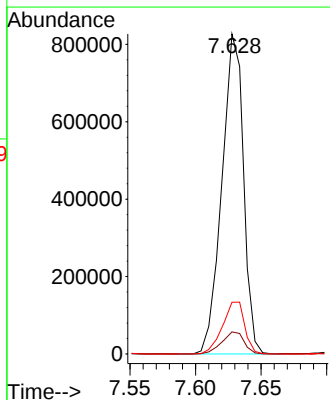
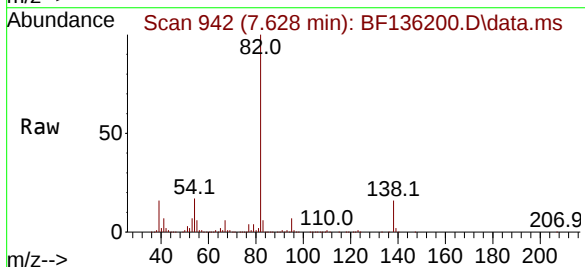
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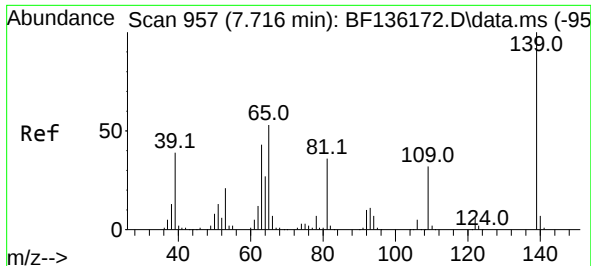
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#25
Isophorone
Concen: 49.484 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion: 82 Resp: 945117
Ion Ratio Lower Upper
82 100
95 6.9 6.2 9.4
138 16.2 14.8 22.2





#26
2-Nitrophenol
Concen: 44.597 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

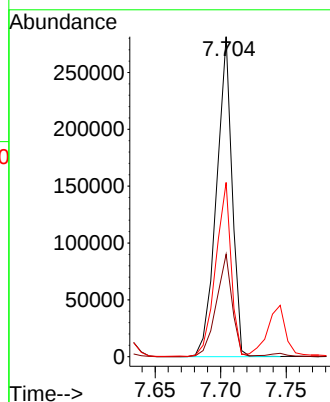
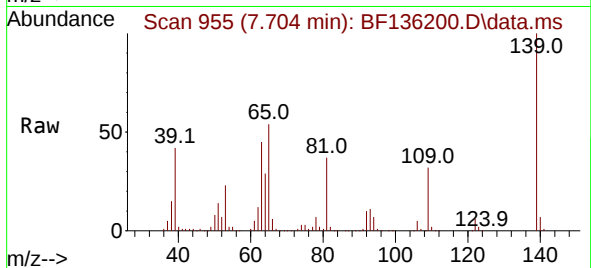
ClientSampleId :

PB157264BS

Tgt Ion:139 Resp: 232809
Ion Ratio Lower Upper
139 100
109 32.0 25.8 38.8
65 54.5 42.7 64.1

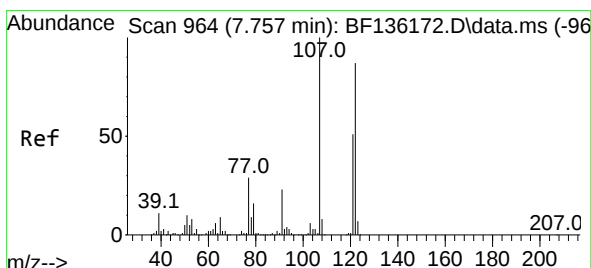
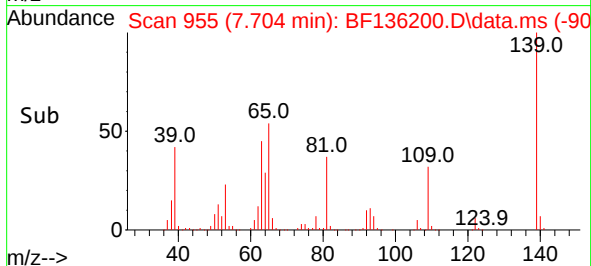
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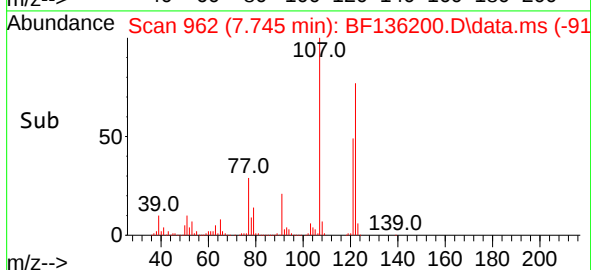
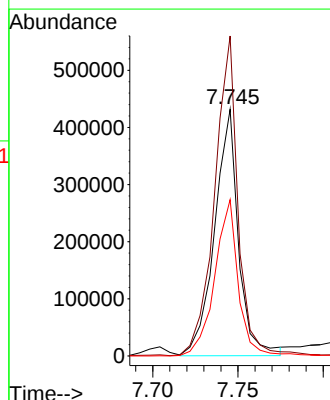
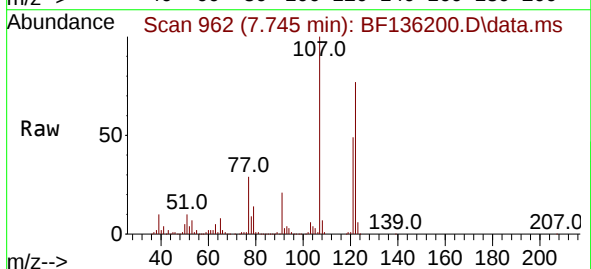
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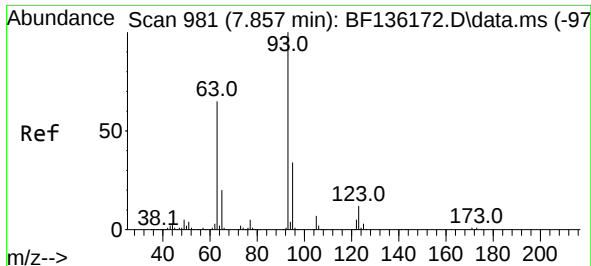
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#27
2,4-Dimethylphenol
Concen: 48.125 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:122 Resp: 421990
Ion Ratio Lower Upper
122 100
107 129.7 91.8 137.8
121 63.4 47.0 70.4





#28
bis(2-Chloroethoxy)methane
Concen: 49.659 ng
RT: 7.839 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

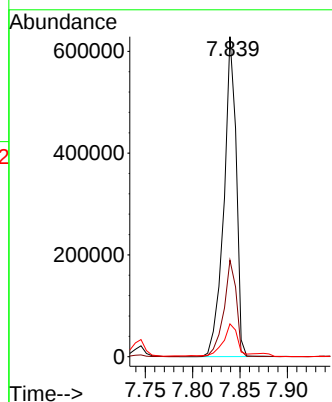
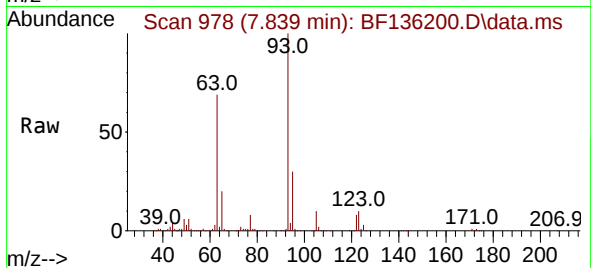
ClientSampleId :

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Tgt Ion: 93 Resp: 571988
Ion Ratio Lower Upper
93 100
95 30.2 27.2 40.8
123 10.3 10.2 15.4

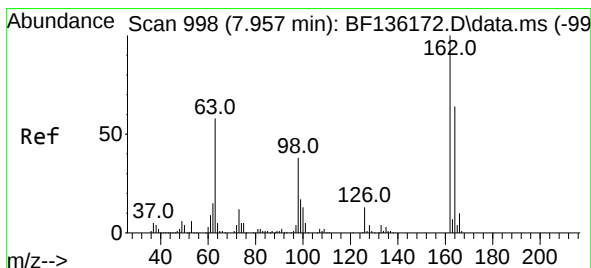
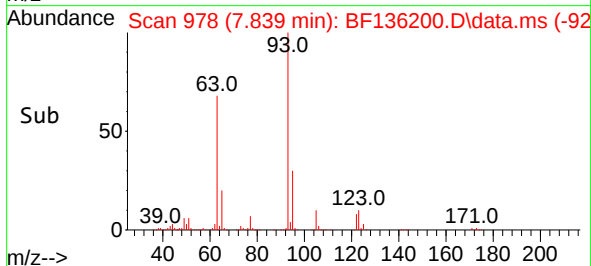
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Supervised By :mohammad ahmed 11/27/2023



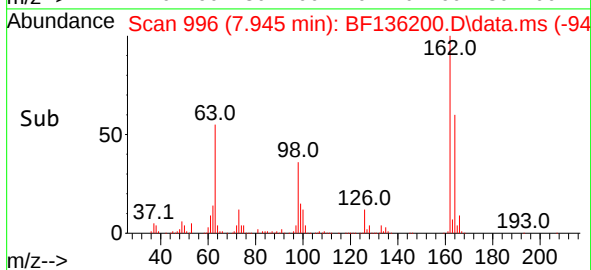
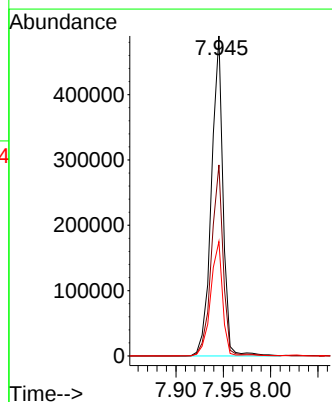
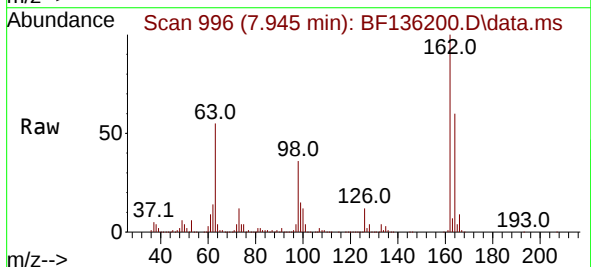
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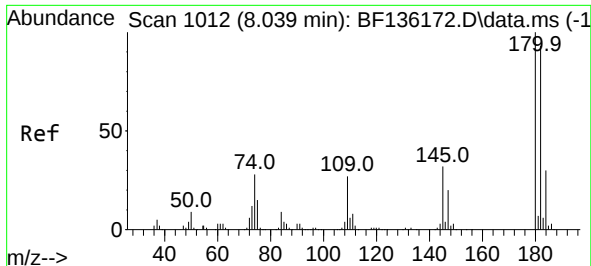
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#29
2,4-Dichlorophenol
Concen: 48.628 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

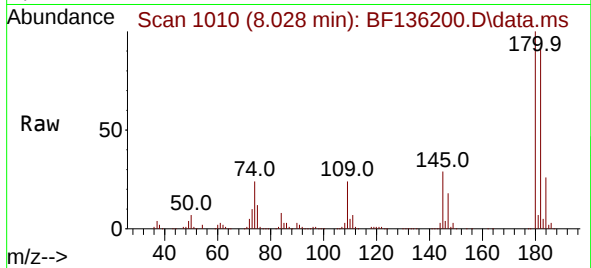
Tgt Ion:162 Resp: 415755
Ion Ratio Lower Upper
162 100
164 59.7 43.7 83.7
98 35.8 18.4 58.4





#30
1,2,4-Trichlorobenzene
Concen: 49.891 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

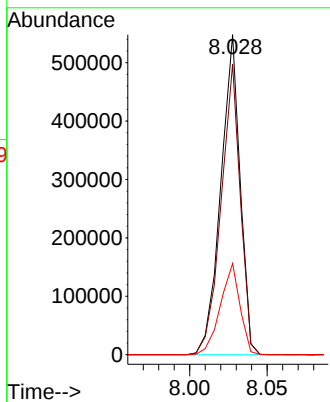
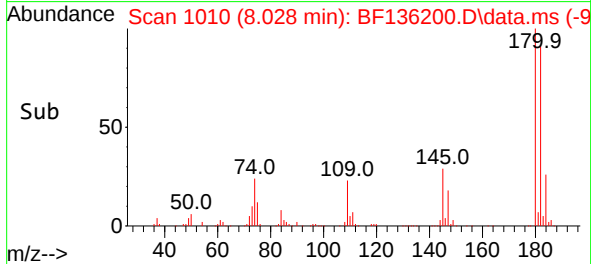
Instrument :
BNA_F
ClientSampleId :
PB157264BS



Tgt Ion:180 Resp: 474935
Ion Ratio Lower Upper
180 100
182 90.8 74.8 112.2
145 28.5 25.3 37.9

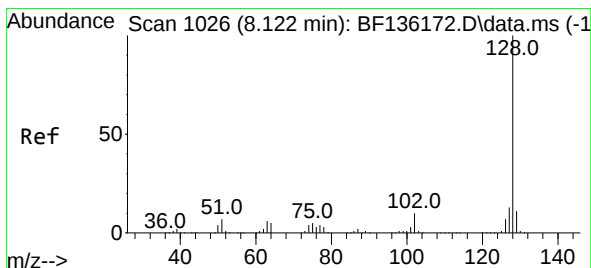
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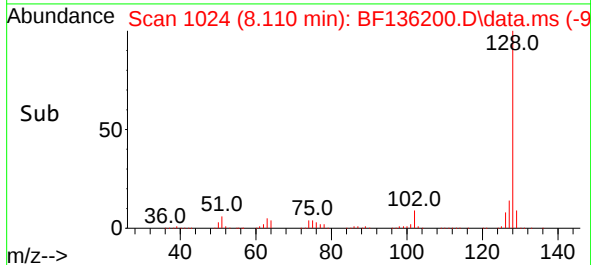
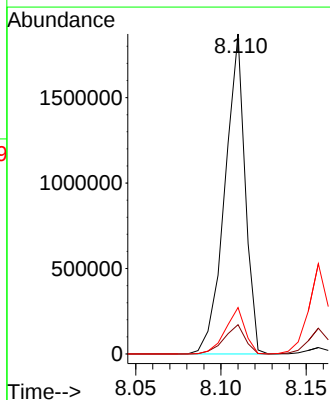
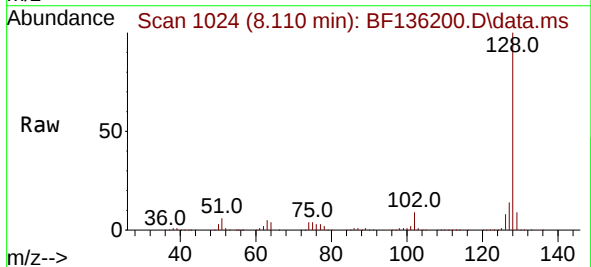
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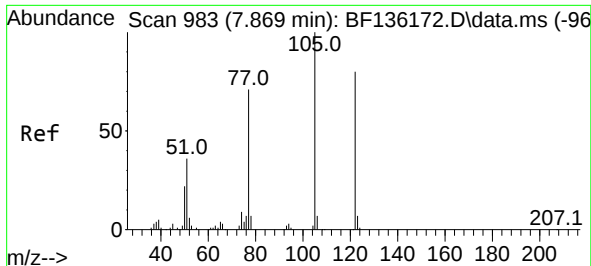
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#31
Naphthalene
Concen: 50.950 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

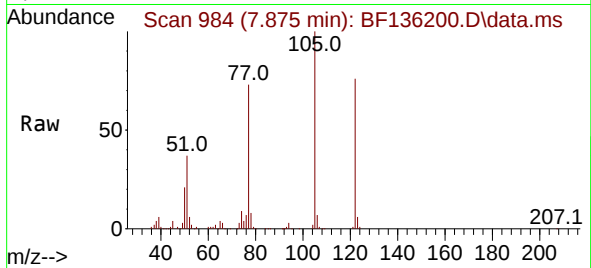
Tgt Ion:128 Resp: 1550057
Ion Ratio Lower Upper
128 100
129 9.2 8.9 13.3
127 14.5 10.6 16.0





#32
Benzoic acid
Concen: 44.439 ng m
RT: 7.875 min Scan# 984
Delta R.T. 0.017 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

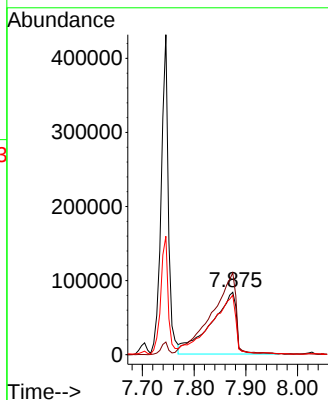
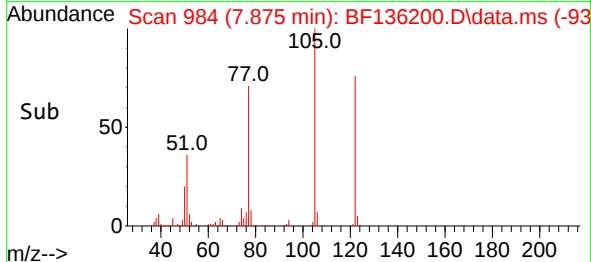
Instrument :
BNA_F
ClientSampleId :
PB157264BS



Tgt Ion:122 Resp: 285239
Ion Ratio Lower Upper
122 100
105 131.2 102.5 142.5
77 95.5 68.1 108.1

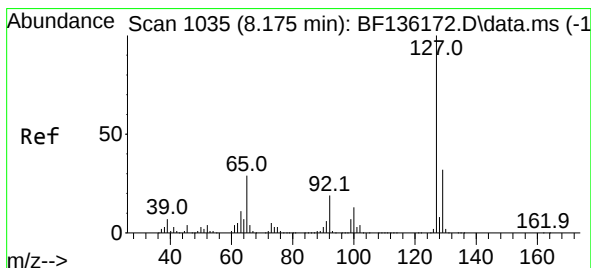
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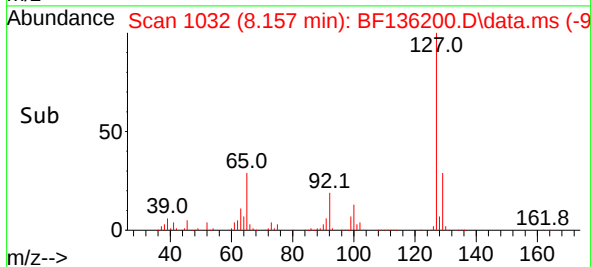
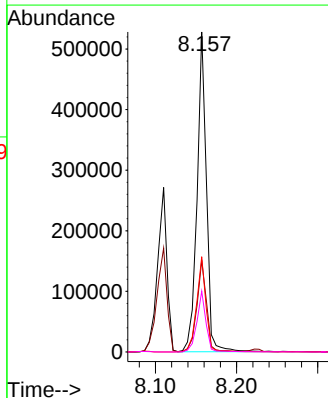
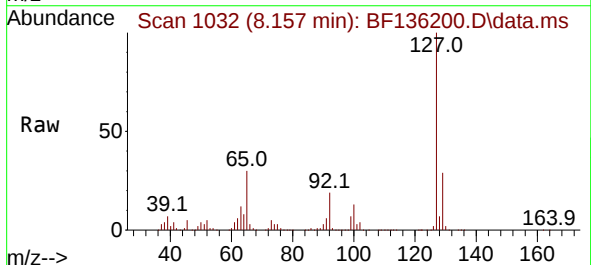
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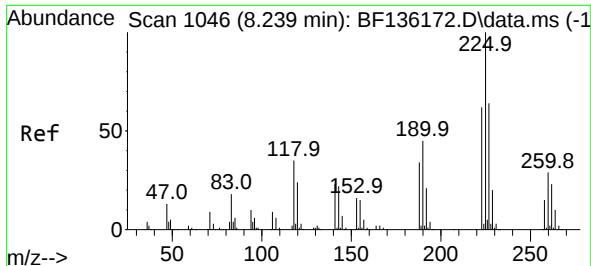
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#33
4-Chloroaniline
Concen: 33.808 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:127 Resp: 426603
Ion Ratio Lower Upper
127 100
129 28.6 25.7 38.5
65 29.8 23.3 34.9
92 19.0 15.4 23.2





#34
Hexachlorobutadiene
Concen: 46.638 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

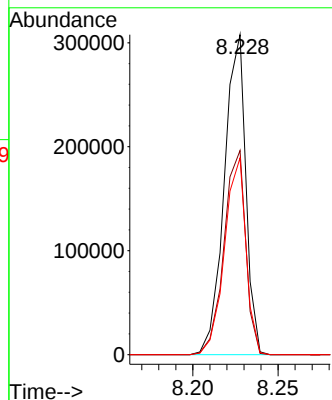
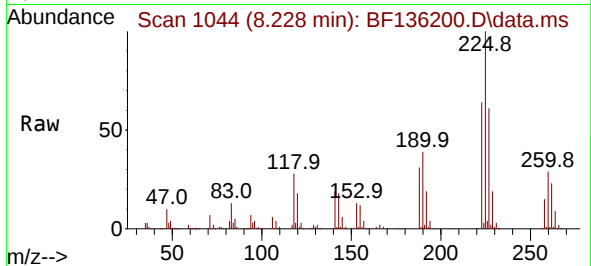
ClientSampleId :

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Tgt Ion:225 Resp: 26988
Ion Ratio Lower Upper
225 100
223 63.8 49.8 74.6
227 61.5 51.1 76.7

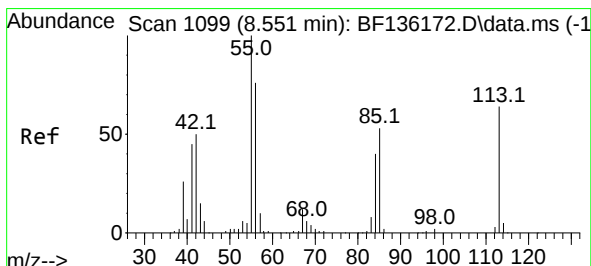
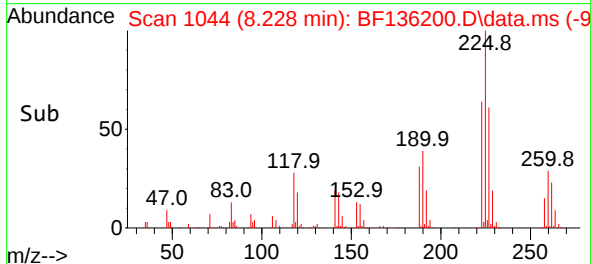
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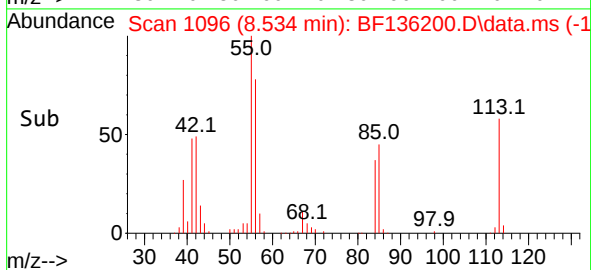
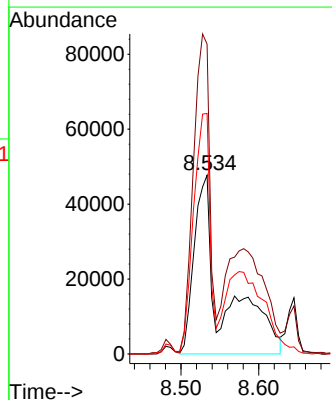
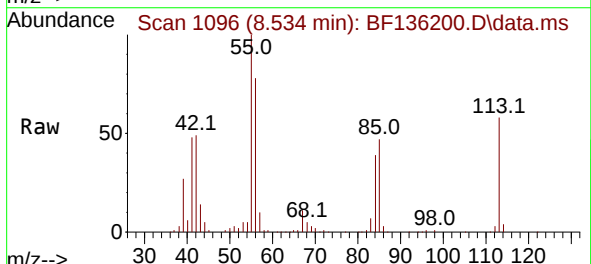
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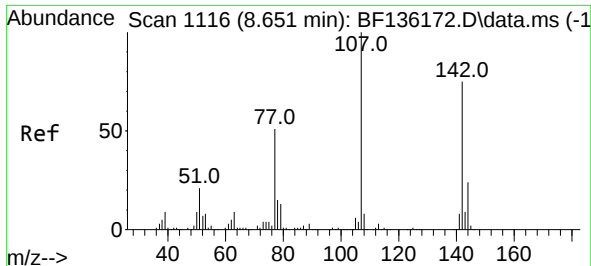
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#35
Caprolactam
Concen: 49.550 ng m
RT: 8.534 min Scan# 1096
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

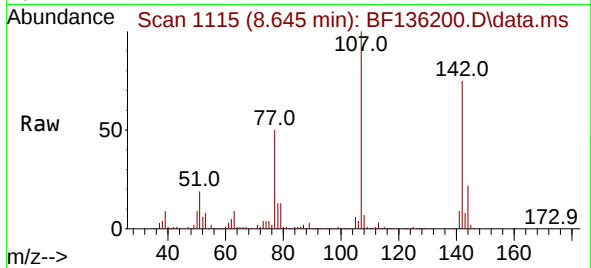
Tgt Ion:113 Resp: 122660
Ion Ratio Lower Upper
113 100
55 173.2 137.2 177.2
56 134.5 99.8 139.8





#36
4-Chloro-3-methylphenol
Concen: 50.077 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

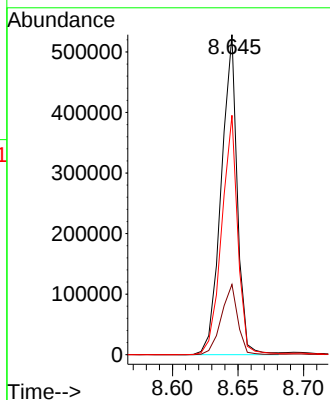
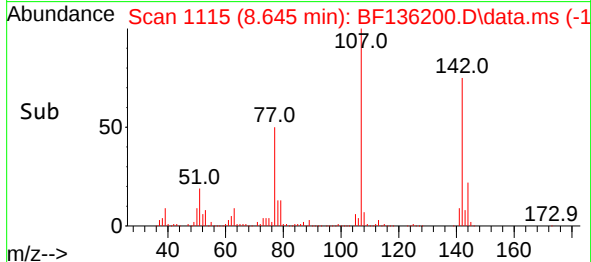
Instrument :
BNA_F
ClientSampleId :
PB157264BS



Tgt Ion:107 Resp: 449518
Ion Ratio Lower Upper
107 100
144 22.0 19.4 29.0
142 74.8 59.9 89.9

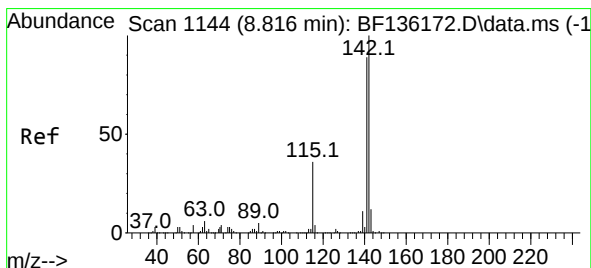
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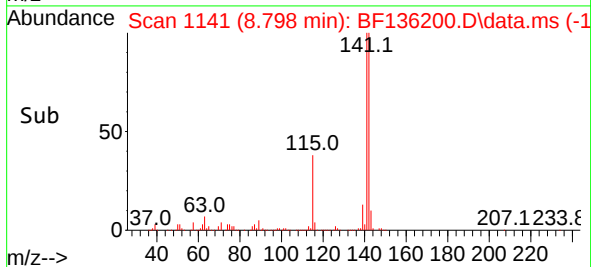
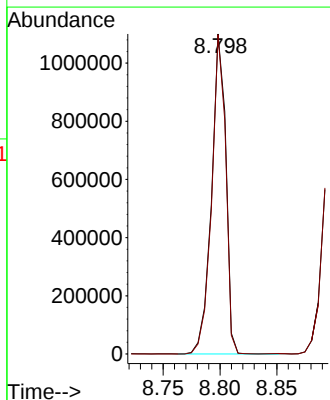
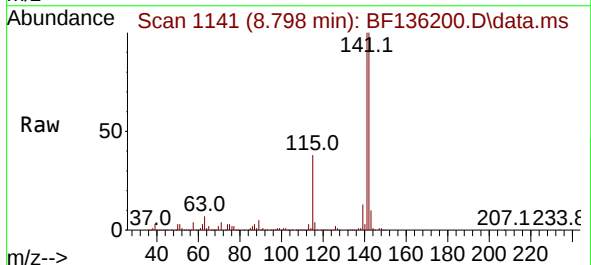
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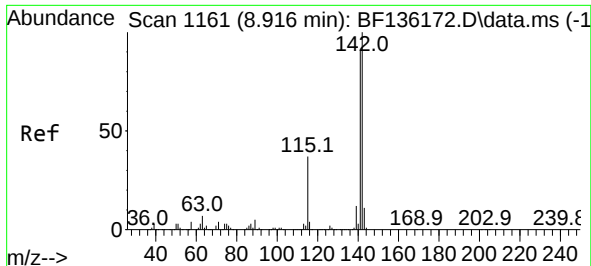
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#37
2-Methylnaphthalene
Concen: 47.149 ng
RT: 8.798 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

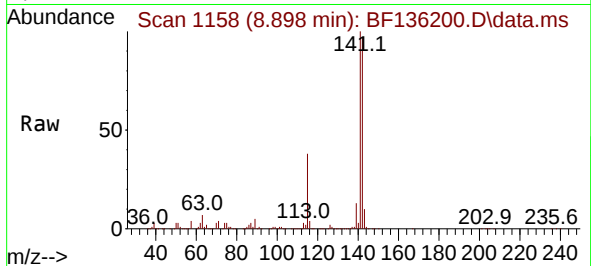
Tgt Ion:142 Resp: 961750
Ion Ratio Lower Upper
142 100
141 99.8 71.4 107.0





#38
1-Methylnaphthalene
Concen: 46.937 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

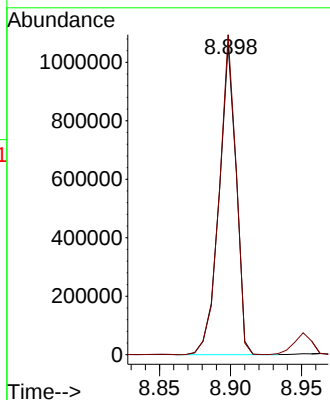
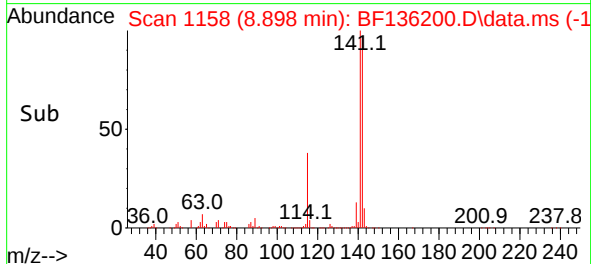
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:142 Resp: 888284
Ion Ratio Lower Upper
142 100
141 103.2 72.7 109.1

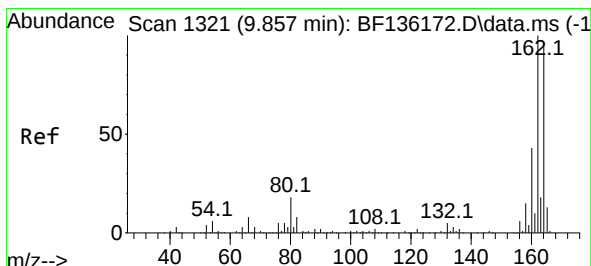
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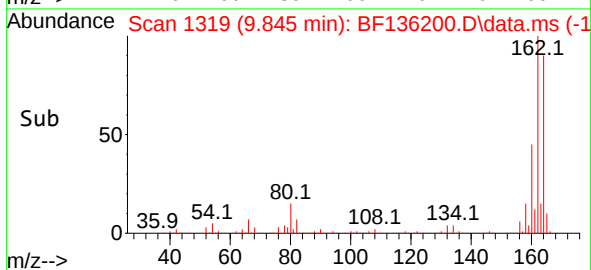
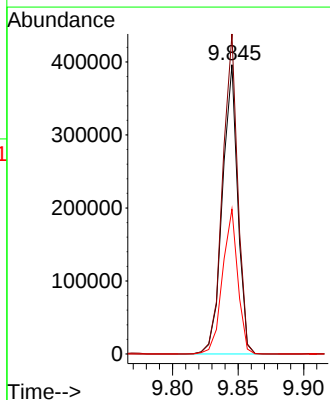
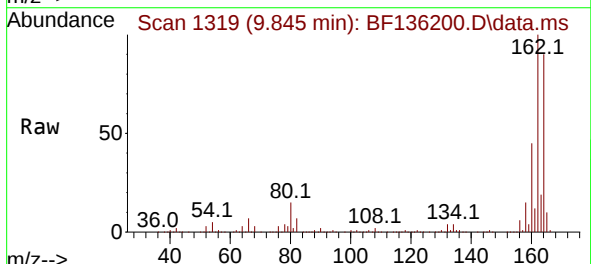
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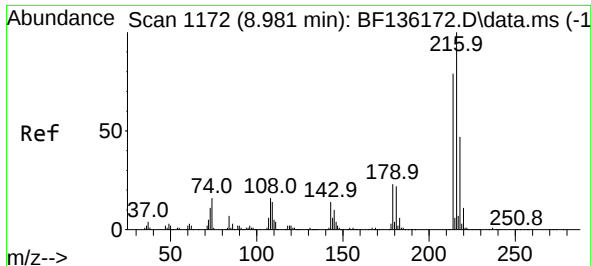
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:164 Resp: 320981
Ion Ratio Lower Upper
164 100
162 110.6 83.2 124.8
160 50.1 35.8 53.8





#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.724 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

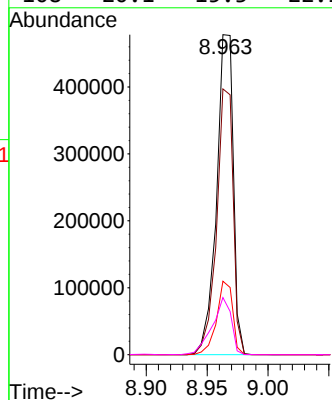
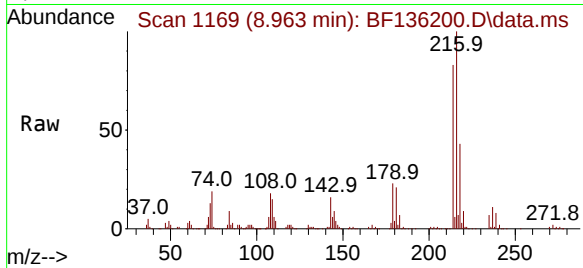
ClientSampleId :

PB157264BS

Tgt Ion:216 Resp: 45909
Ion Ratio Lower Upper
216 100
214 81.9 63.8 95.8
179 21.9 18.0 27.0
108 20.1 15.3 22.9

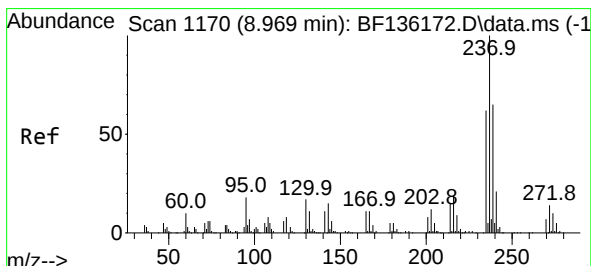
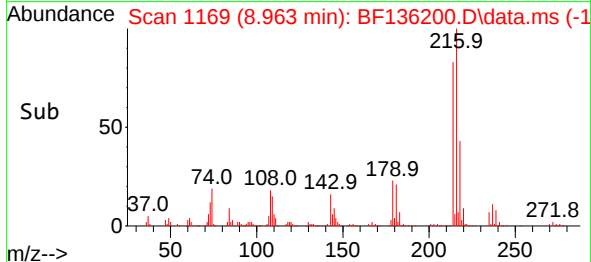
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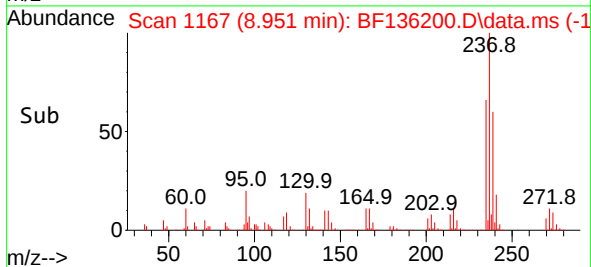
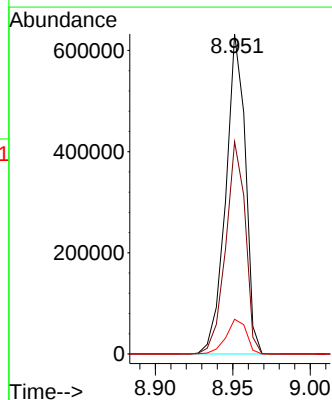
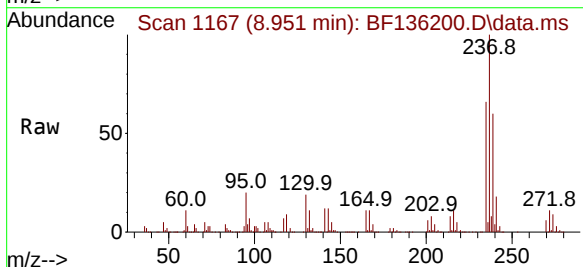
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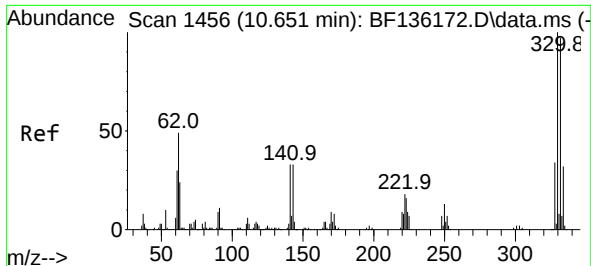
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#41
Hexachlorocyclopentadiene
Concen: 112.440 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:237 Resp: 557779
Ion Ratio Lower Upper
237 100
235 66.3 42.3 82.3
272 10.9 0.0 33.8





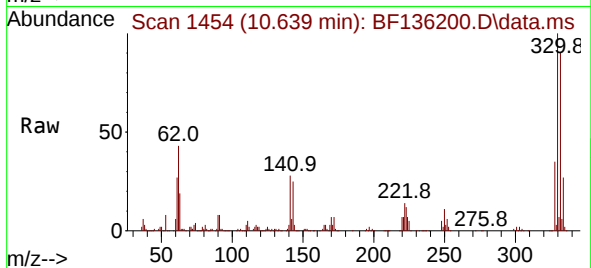
#42
2,4,6-Tribromophenol
Concen: 160.670 ng
RT: 10.639 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

PB157264BS



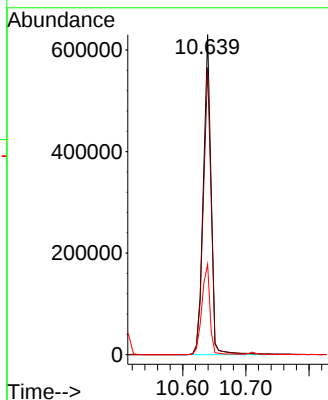
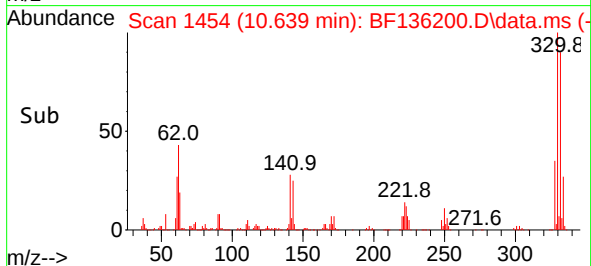
Tgt Ion:330 Resp: 540134
Ion Ratio Lower Upper
330 100
332 91.7 77.6 116.4
141 29.5 25.8 38.6

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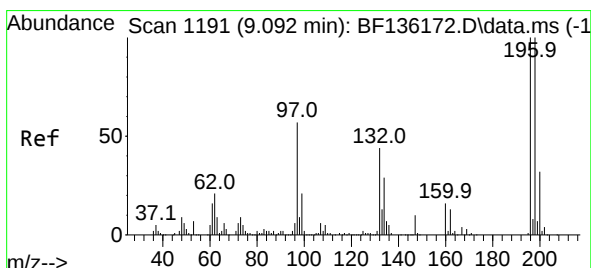
Supervised By :mohammad ahmed 11/27/2023



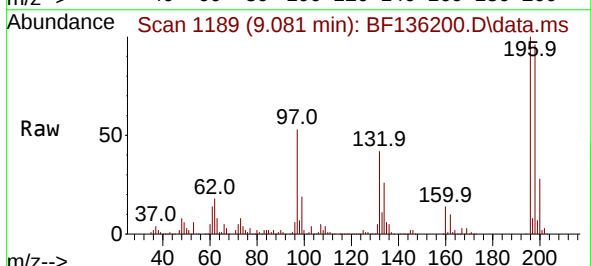
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Supervised By :mohammad
ahmed

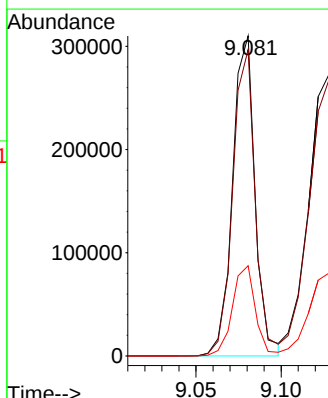
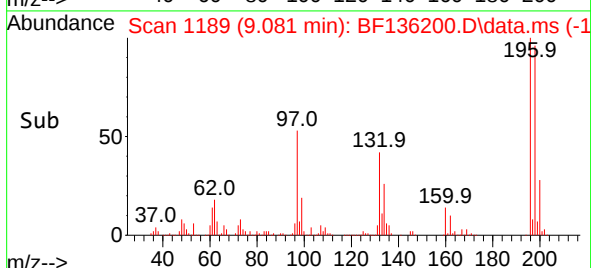
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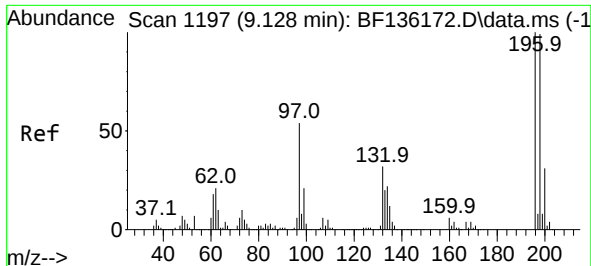


#43
2,4,6-Trichlorophenol
Concen: 47.135 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51



Tgt Ion:196 Resp: 283923
Ion Ratio Lower Upper
196 100
198 95.7 80.2 120.4
200 28.2 25.5 38.3





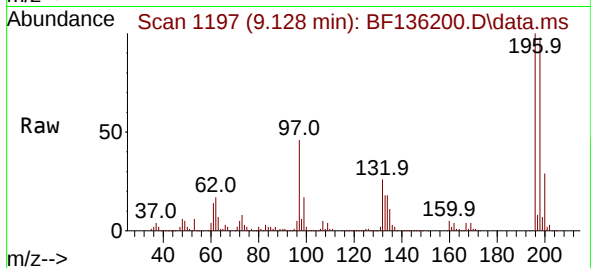
#44
2,4,5-Trichlorophenol
Concen: 46.924 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.012 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

PB157264BS



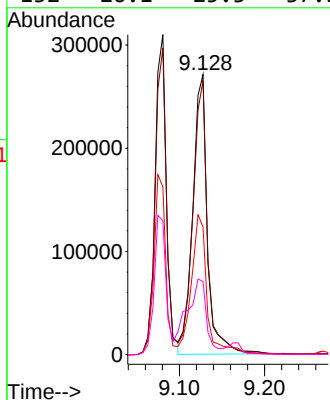
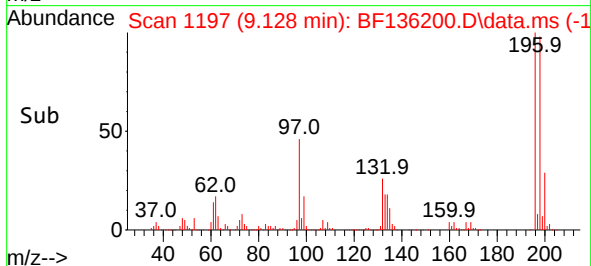
Tgt Ion:196 Resp: 325614
Ion Ratio Lower Upper
196 100
198 97.9 78.9 118.3
97 45.6 43.6 65.4
132 26.1 25.3 37.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/25/2023

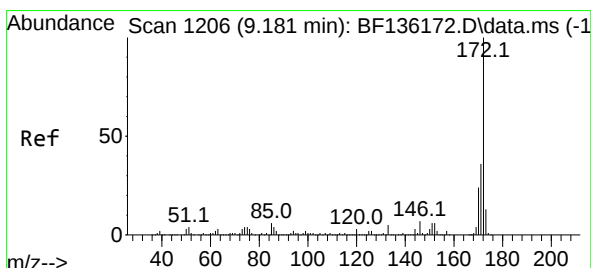
Supervised By :mohammad ahmed 11/27/2023



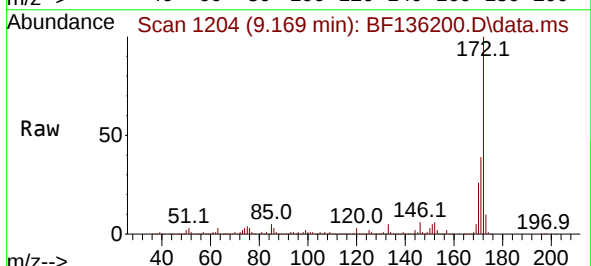
11/25/2023

Supervised By :mohammad
ahmed

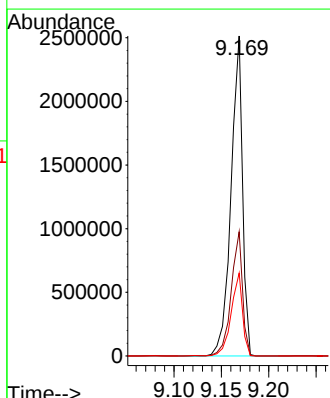
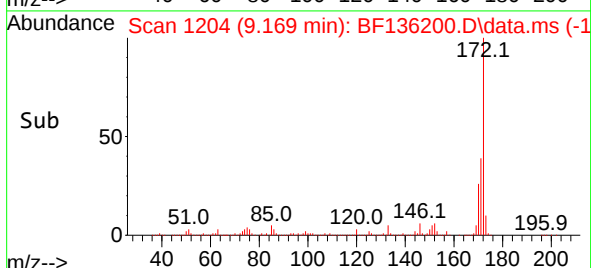
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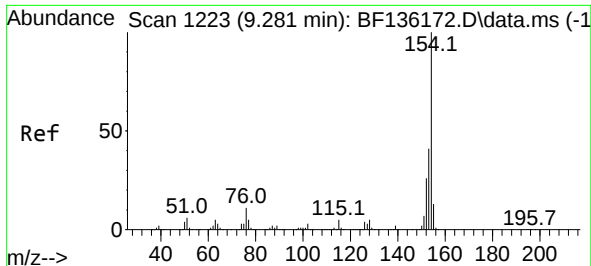


#45
2-Fluorobiphenyl
Concen: 97.766 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51



Tgt Ion:172 Resp: 2122925
Ion Ratio Lower Upper
172 100
171 38.8 28.9 43.3
170 25.9 19.1 28.7





#46
1,1'-Biphenyl
Concen: 50.620 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

PB157264BS

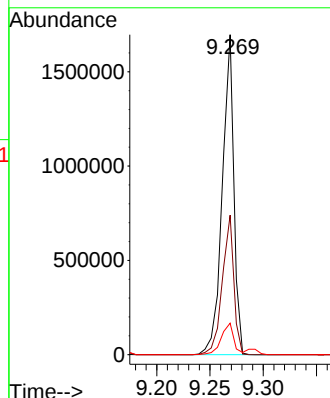
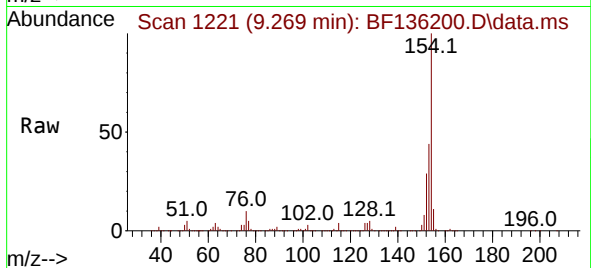
Tgt Ion:154 Resp: 127497
Ion Ratio Lower Upper
154 100
153 43.6 21.1 61.1
76 9.9 0.0 31.2

Manual Integrations

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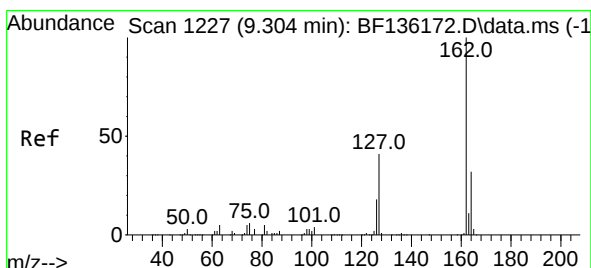
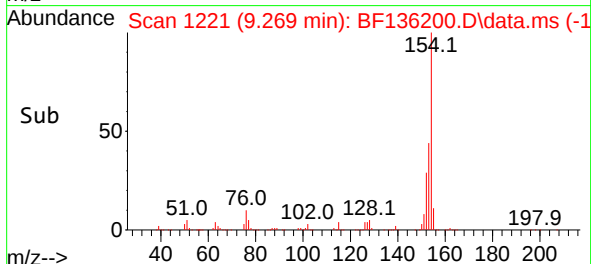
Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



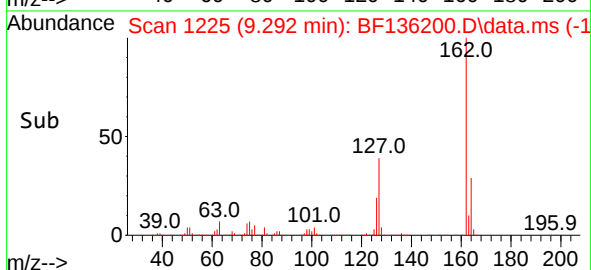
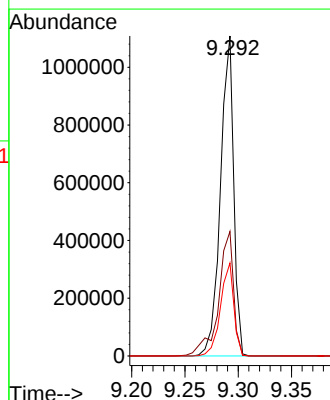
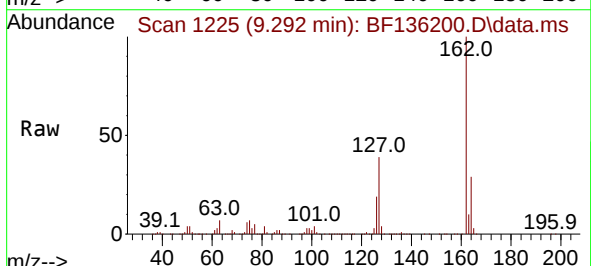
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Supervised By :mohammad
ahmed

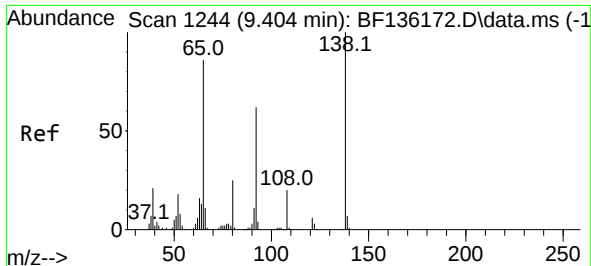
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#47
2-Chloronaphthalene
Concen: 51.751 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:162 Resp: 952731
Ion Ratio Lower Upper
162 100
127 38.9 34.2 51.4
164 29.0 25.6 38.4





#48
2-Nitroaniline
Concen: 49.485 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

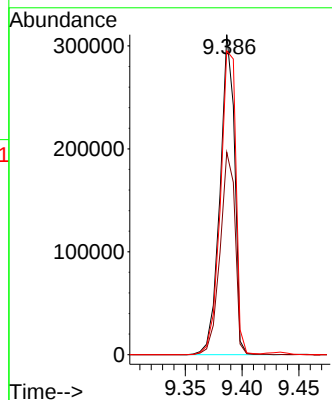
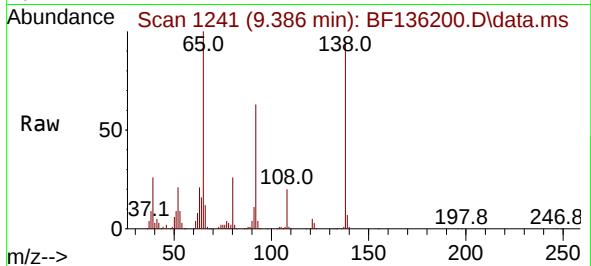
ClientSampleId :

PB157264BS

Tgt Ion: 65 Resp: 27776
Ion Ratio Lower Upper
65 100
92 63.3 57.5 86.3
138 94.9 93.4 140.2

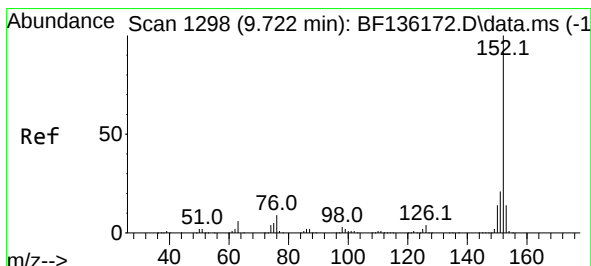
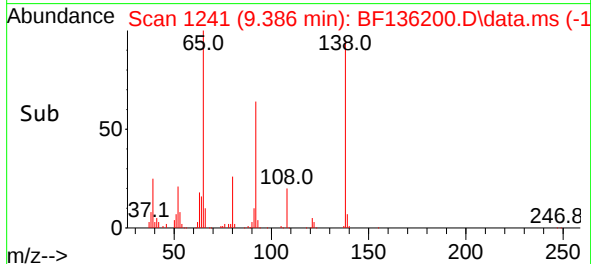
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Supervised By :mohammad ahmed 11/27/2023



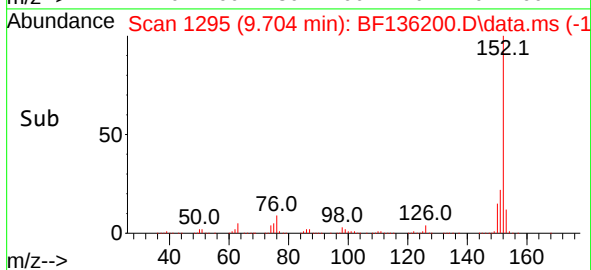
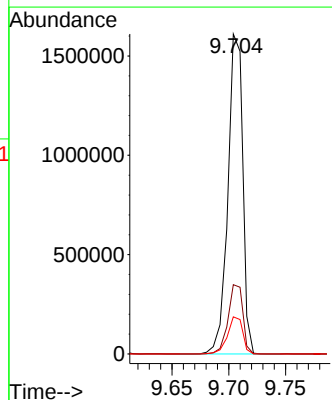
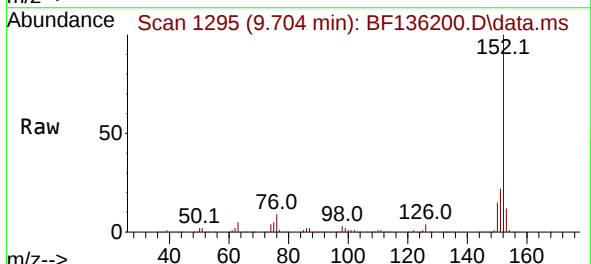
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Supervised By :mohammad
ahmed

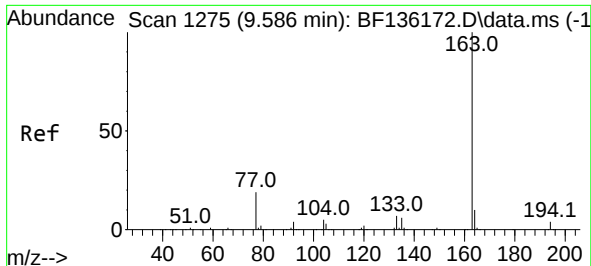
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#49
Acenaphthylene
Concen: 51.586 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:152 Resp: 1465939
Ion Ratio Lower Upper
152 100
151 21.6 16.4 24.6
153 11.6 11.1 16.7





#50
Dimethylphthalate
Concen: 52.000 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

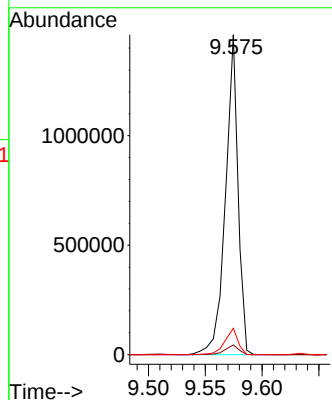
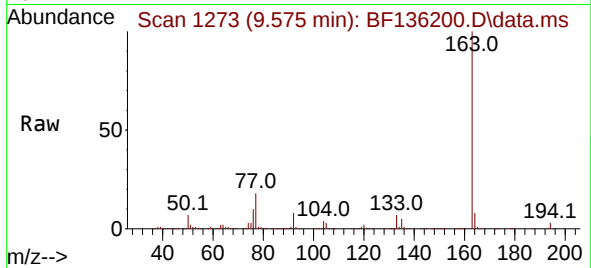
ClientSampleId :

PB157264BS

Tgt Ion:163 Resp: 112773
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 8.3 7.8 11.8

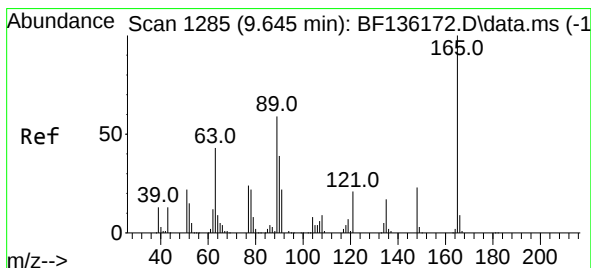
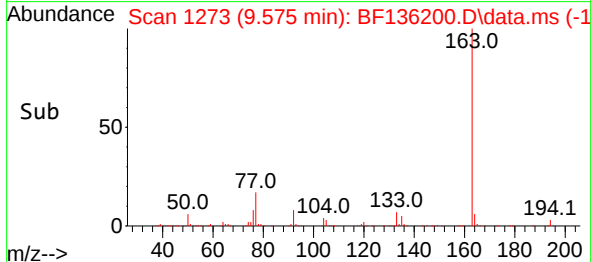
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Supervised By :mohammad ahmed 11/27/2023



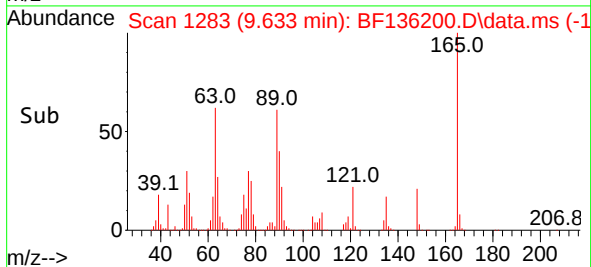
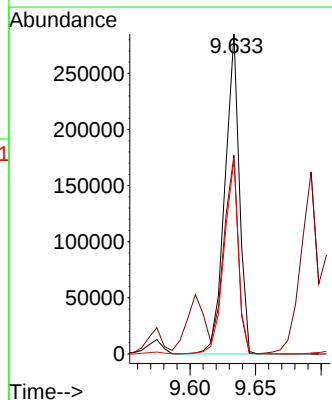
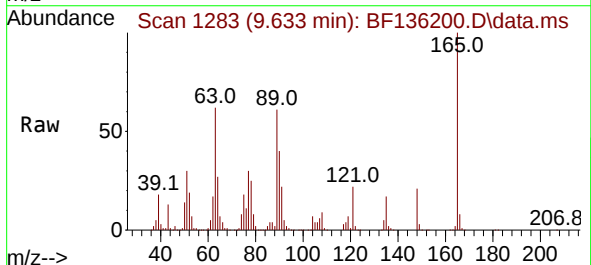
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Supervised By :mohammad
ahmed

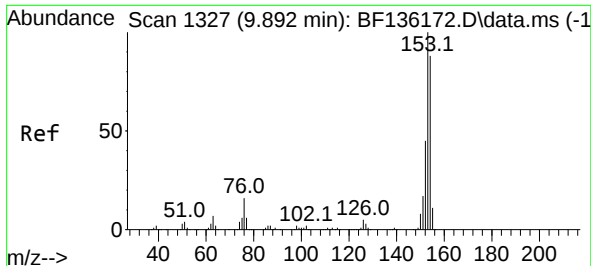
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#51
2,6-Dinitrotoluene
Concen: 46.406 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:165 Resp: 218387
Ion Ratio Lower Upper
165 100
63 62.1 48.0 72.0
89 60.9 47.2 70.8





#52
Acenaphthene
Concen: 47.821 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

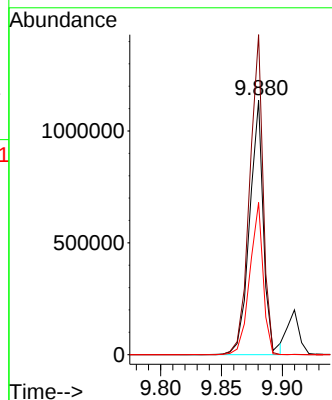
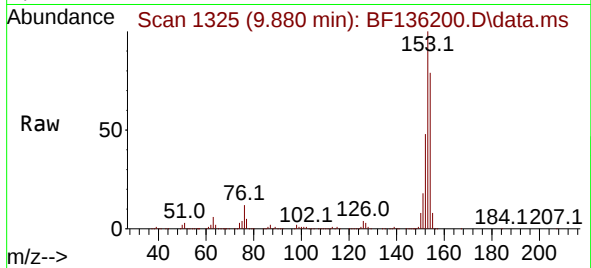
ClientSampleId :

PB157264BS

Tgt Ion:154 Resp: 905120
Ion Ratio Lower Upper
154 100
153 125.9 90.4 135.6
152 59.9 41.1 61.7

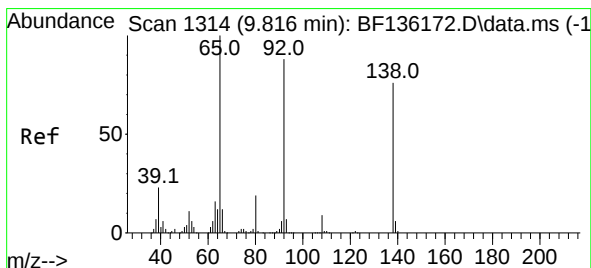
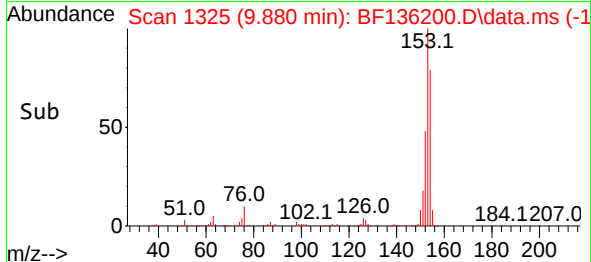
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Supervised By :mohammad ahmed 11/27/2023



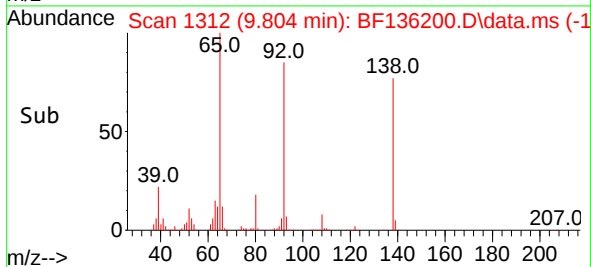
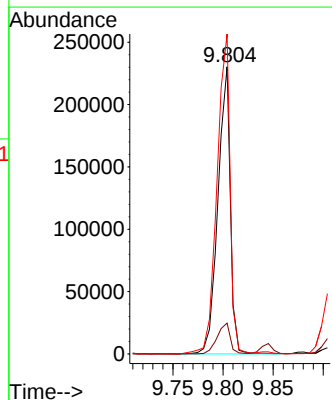
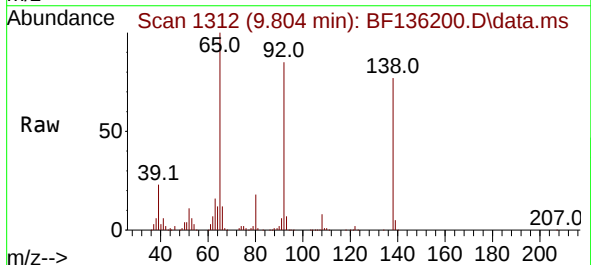
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ahmed

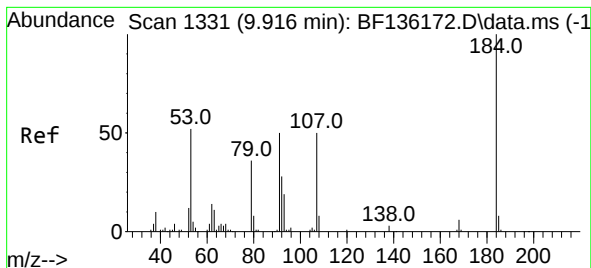
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#53
3-Nitroaniline
Concen: 39.389 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:138 Resp: 197637
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 111.4 92.2 138.2





#54
2,4-Dinitrophenol
Concen: 95.844 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

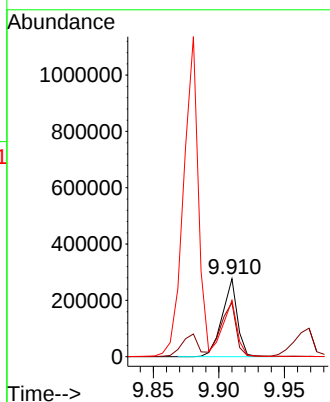
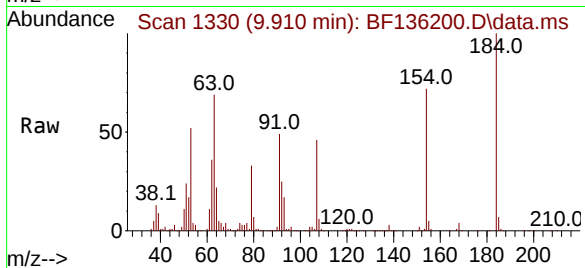
ClientSampleId :

PB157264BS

Tgt Ion:184 Resp: 222862
Ion Ratio Lower Upper
184 100
63 69.4 59.1 88.7
154 72.3 58.2 87.2

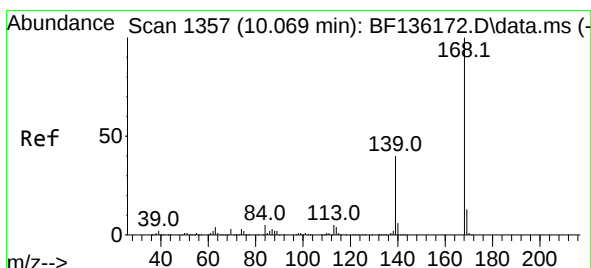
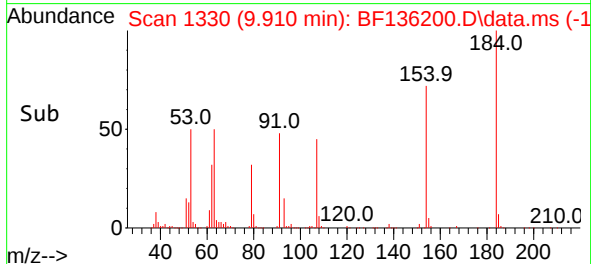
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Supervised By :mohammad ahmed 11/27/2023



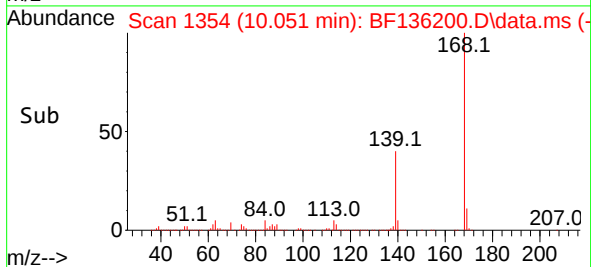
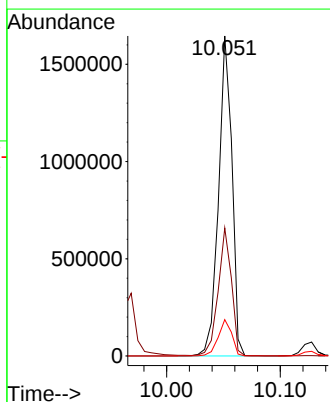
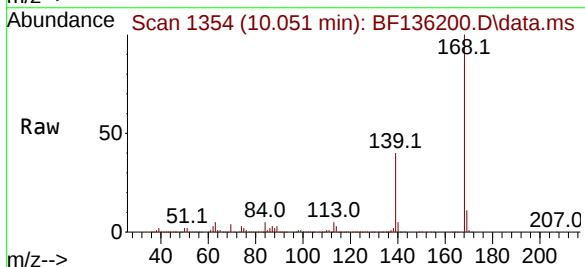
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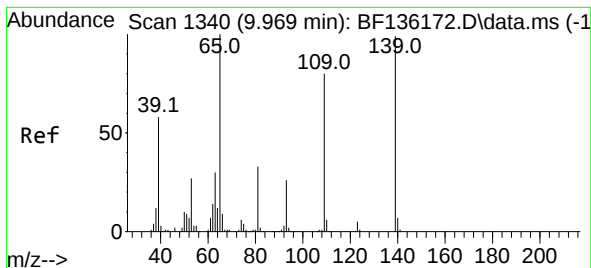
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#55
Dibenzofuran
Concen: 51.221 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:168 Resp: 1347908
Ion Ratio Lower Upper
168 100
139 40.0 31.9 47.9
169 11.4 10.6 16.0





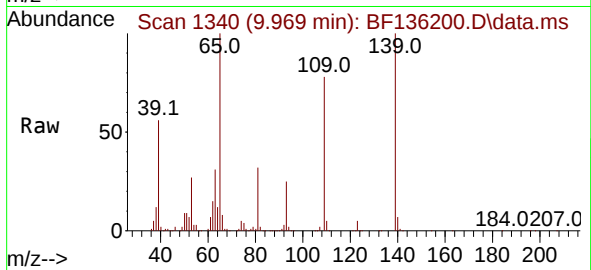
#56
4-Nitrophenol
Concen: 100.552 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

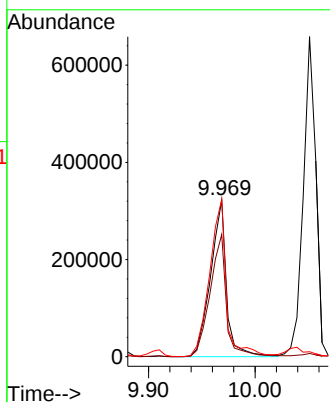
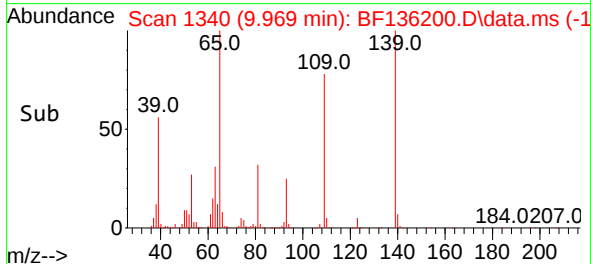
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Tgt Ion:139 Resp: 335260
Ion Ratio Lower Upper
139 100
109 78.0 60.9 100.9
65 100.4 81.6 121.6

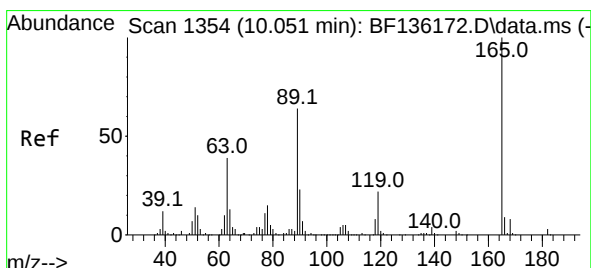
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Supervised By :mohammad ahmed 11/27/2023



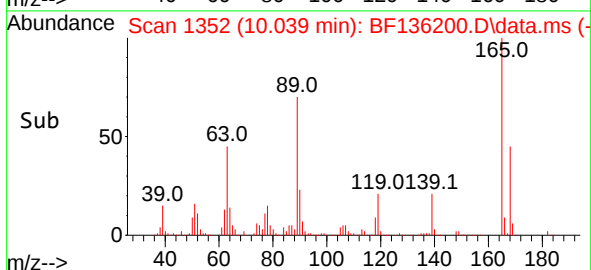
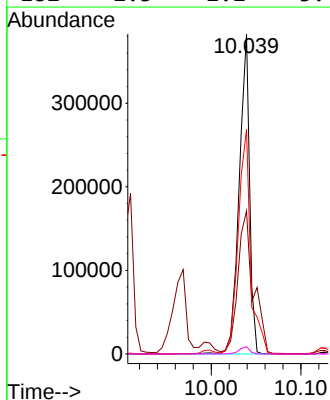
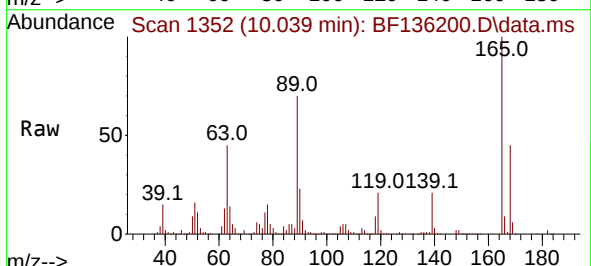
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Supervised By :mohammad
ahmed

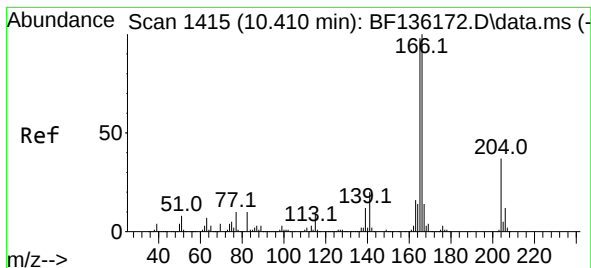
11/27/2023



#57
2,4-Dinitrotoluene
Concen: 51.419 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

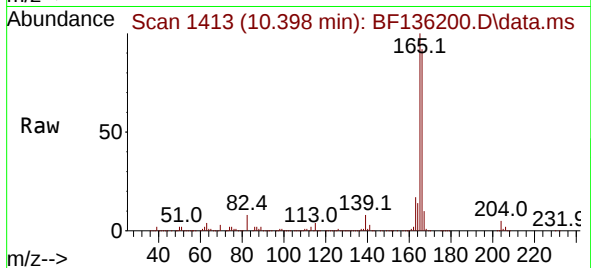
Tgt Ion:165 Resp: 307325
Ion Ratio Lower Upper
165 100
63 44.7 31.4 47.0
89 70.1 51.6 77.4
182 2.3 2.2 3.4





#58
Fluorene
Concen: 52.723 ng
RT: 10.398 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

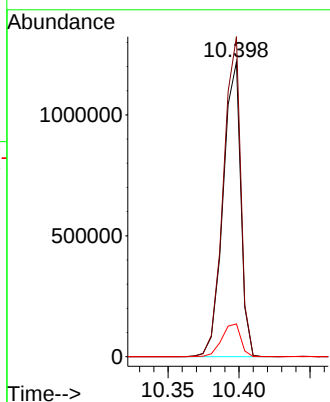
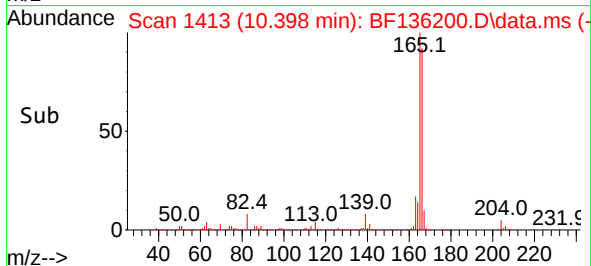
Instrument :
BNA_F
ClientSampleId :
PB157264BS



Tgt Ion:166 Resp: 1053014
Ion Ratio Lower Upper
166 100
165 108.6 78.8 118.2
167 11.1 10.9 16.3

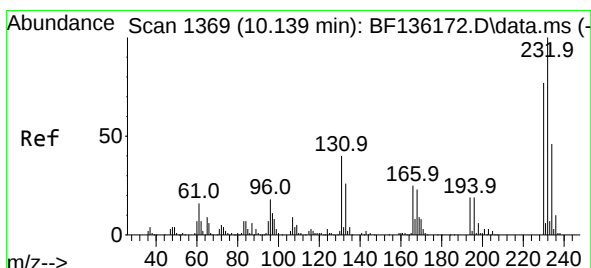
Manual Integrations
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Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

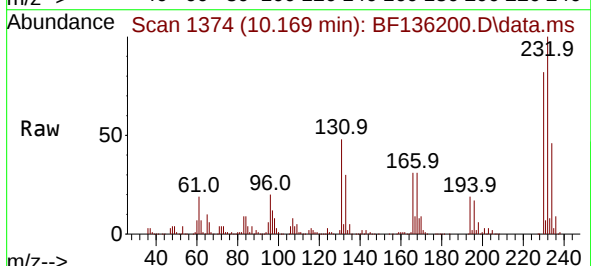


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Supervised By :mohammad
ahmed

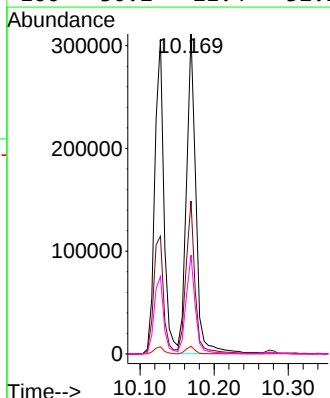
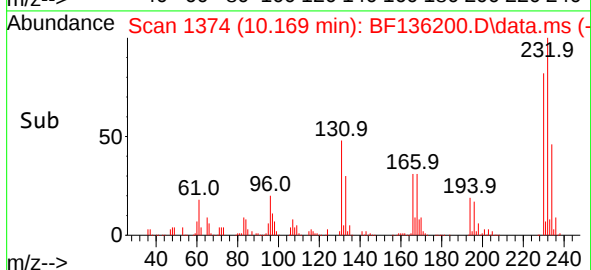
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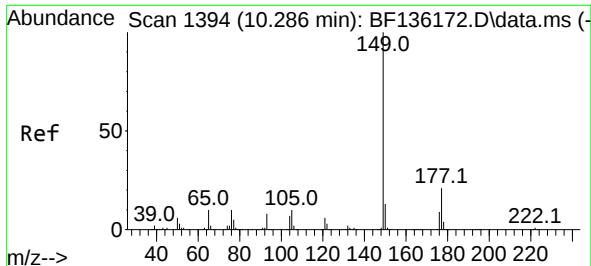


#59
2,3,4,6-Tetrachlorophenol
Concen: 52.345 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51



Tgt Ion:232 Resp: 275300
Ion Ratio Lower Upper
232 100
131 46.3 34.6 52.0
130 2.5 1.9 2.9
166 30.2 21.4 32.2





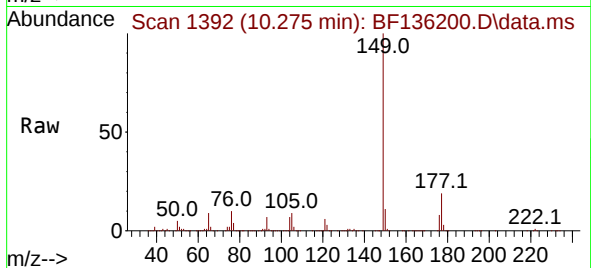
#60
Diethylphthalate
Concen: 51.176 ng
RT: 10.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

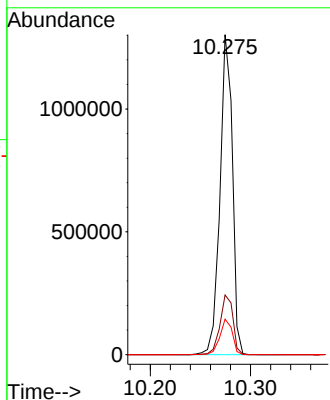
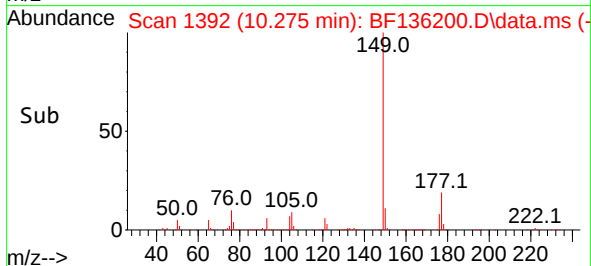
PB157264BS



Tgt Ion:149 Resp: 1113430
Ion Ratio Lower Upper
149 100
177 18.7 17.2 25.8
150 11.1 10.3 15.5

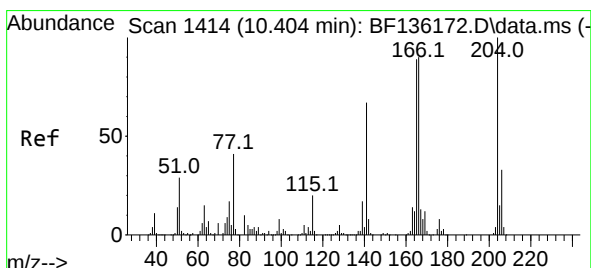
Manual Integrations
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Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

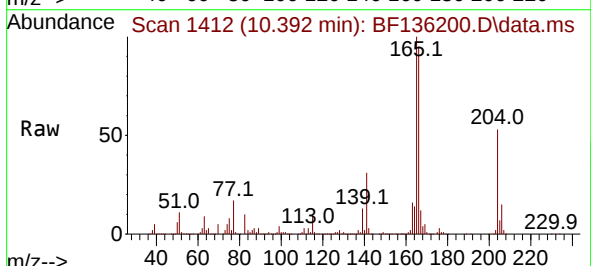


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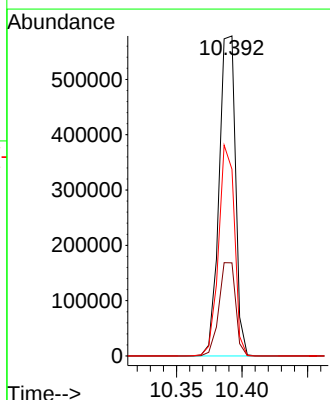
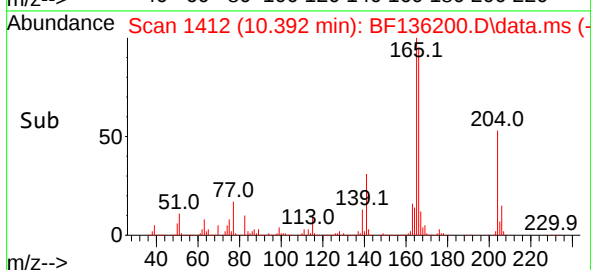
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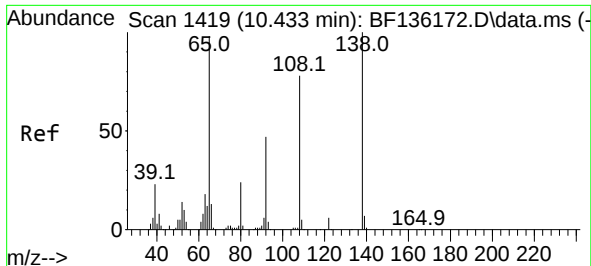


#61
4-Chlorophenyl-phenylether
Concen: 49.389 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51



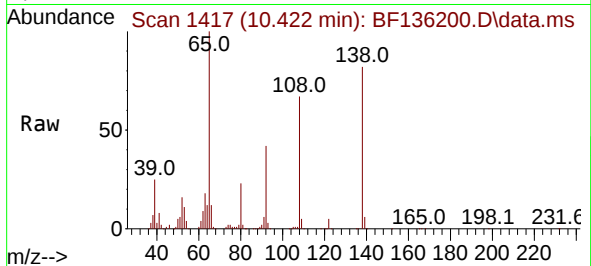
Tgt Ion:204 Resp: 501448
Ion Ratio Lower Upper
204 100
206 29.1 26.1 39.1
141 58.4 53.9 80.9





#62
4-Nitroaniline
Concen: 49.759 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

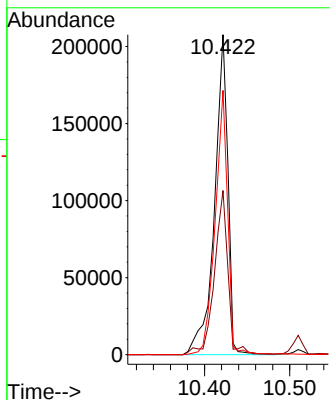
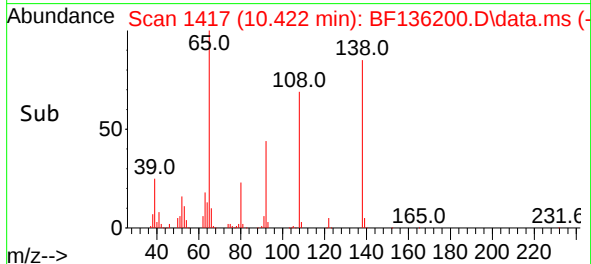
Instrument :
BNA_F
ClientSampleId :
PB157264BS



Tgt Ion:138 Resp: 227539
Ion Ratio Lower Upper
138 100
92 51.3 26.6 66.6
108 82.6 58.0 98.0

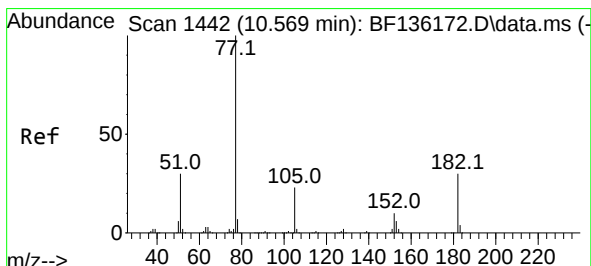
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Supervised By :mohammad ahmed 11/27/2023



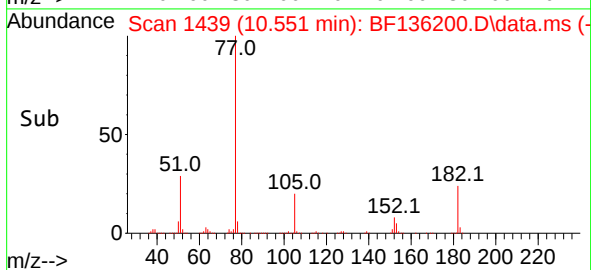
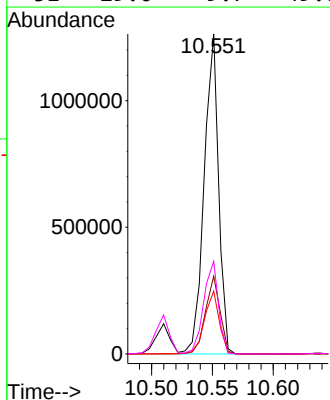
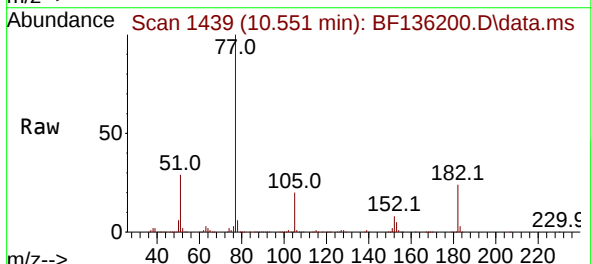
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ahmed

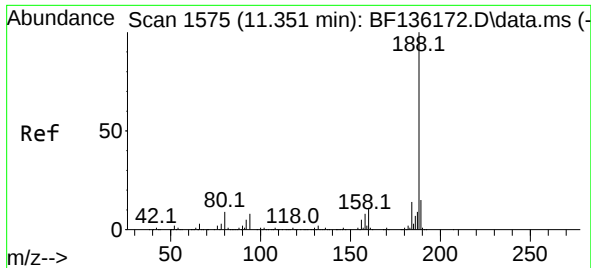
11/27/2023



#63
Azobenzene
Concen: 54.376 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion: 77 Resp: 1035107
Ion Ratio Lower Upper
77 100
182 24.3 10.3 50.3
105 19.6 2.6 42.6
51 29.0 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: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

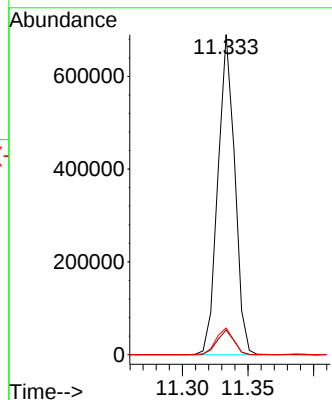
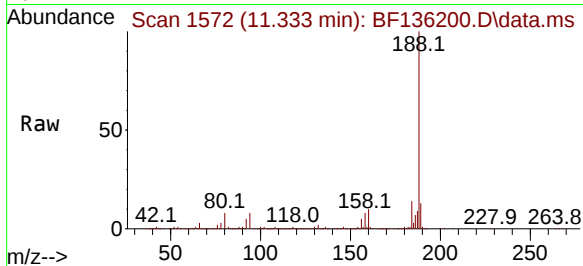
ClientSampleId :

PB157264BS

Tgt Ion:188 Resp: 616328
Ion Ratio Lower Upper
188 100
94 7.7 6.6 9.8
80 8.4 7.3 10.9

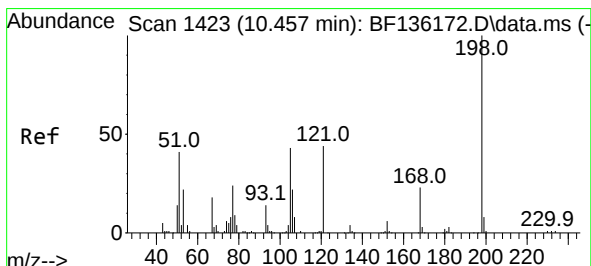
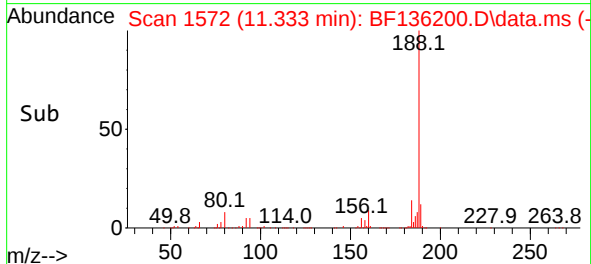
Manual Integrations
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Supervised By :mohammad ahmed 11/27/2023



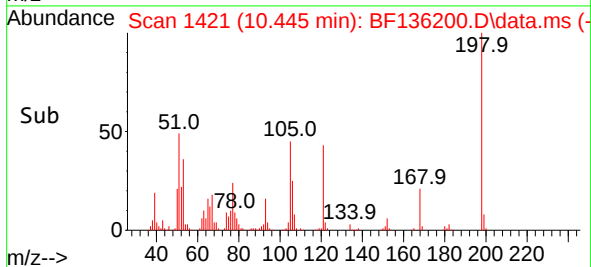
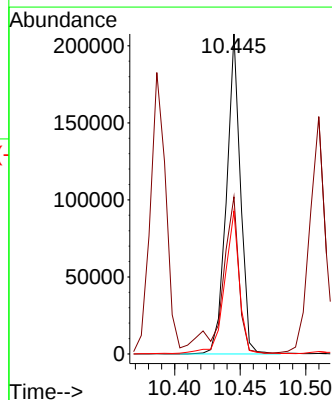
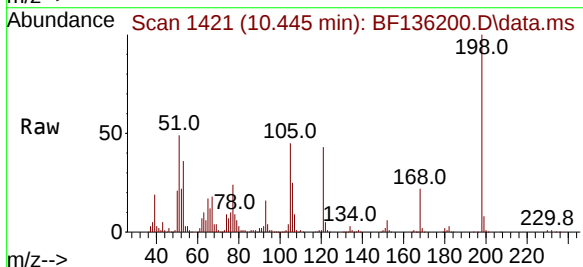
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Supervised By :mohammad
ahmed

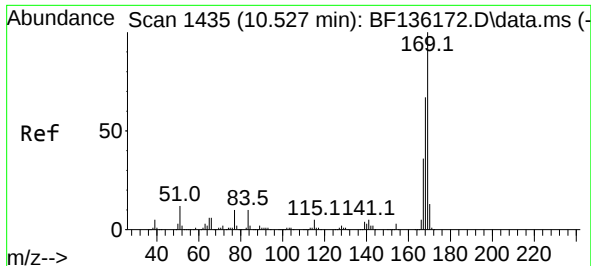
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#65
4,6-Dinitro-2-methylphenol
Concen: 43.749 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

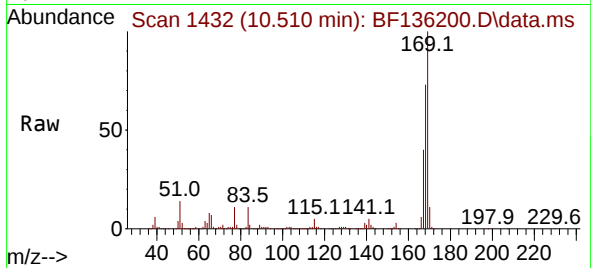
Tgt Ion:198 Resp: 153563
Ion Ratio Lower Upper
198 100
51 49.1 27.3 67.3
105 44.6 24.2 64.2





#66
n-Nitrosodiphenylamine
Concen: 46.440 ng
RT: 10.510 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

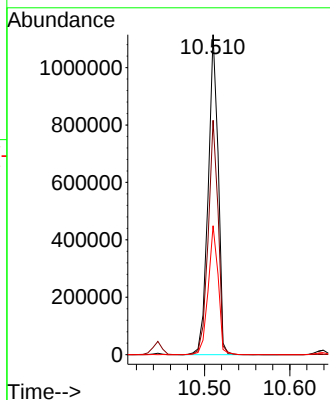
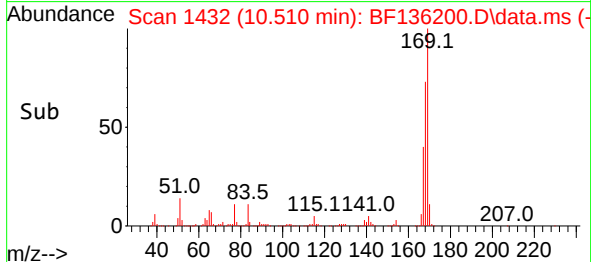
Instrument :
BNA_F
ClientSampleId :
PB157264BS



Tgt Ion:169 Resp: 90806
Ion Ratio Lower Upper
169 100
168 73.3 53.9 80.9
167 40.3 28.9 43.3

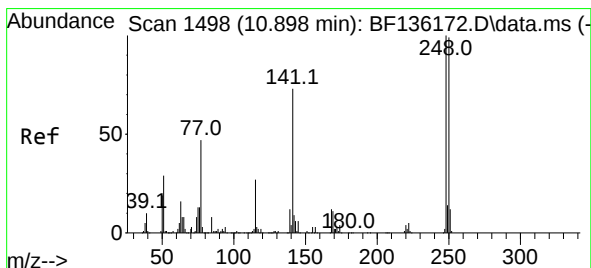
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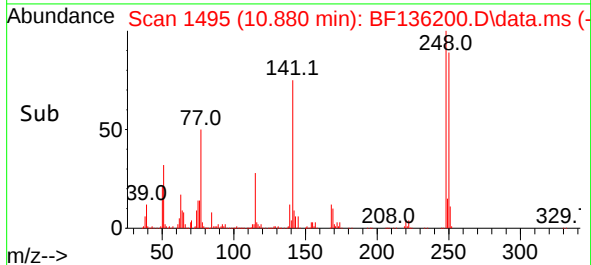
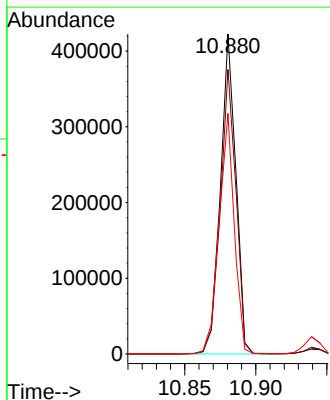
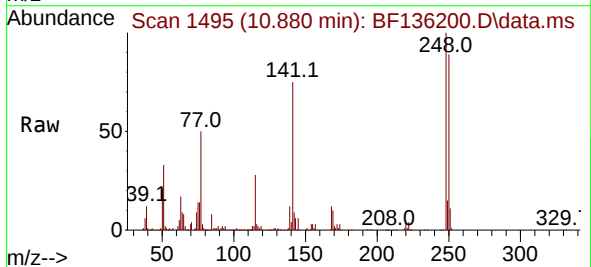
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Supervised By :mohammad
ahmed

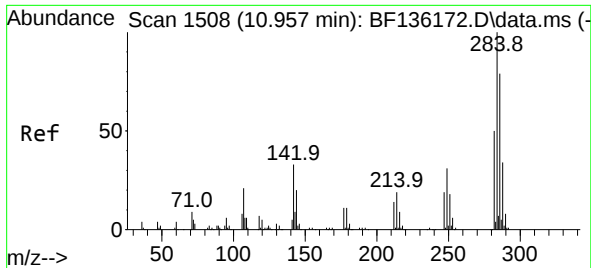
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#67
4-Bromophenyl-phenylether
Concen: 46.409 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

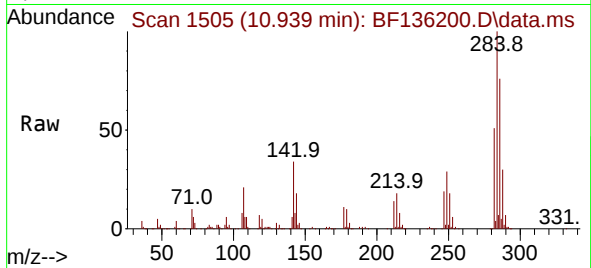
Tgt Ion:248 Resp: 318560
Ion Ratio Lower Upper
248 100
250 88.9 79.0 118.4
141 75.2 58.8 88.2





#68
Hexachlorobenzene
Concen: 50.378 ng
RT: 10.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

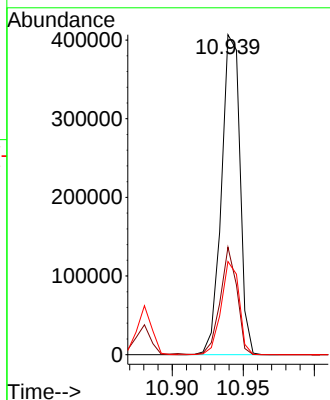
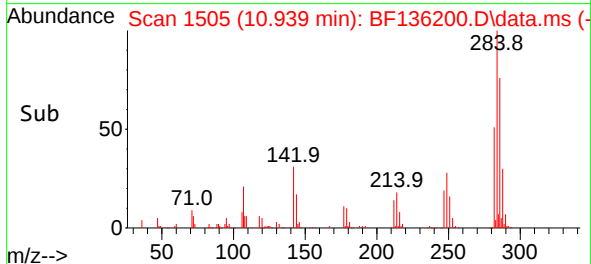
Instrument :
BNA_F
ClientSampleId :
PB157264BS



Tgt Ion:284 Resp: 367134
Ion Ratio Lower Upper
284 100
142 33.6 26.6 39.8
249 29.1 24.6 37.0

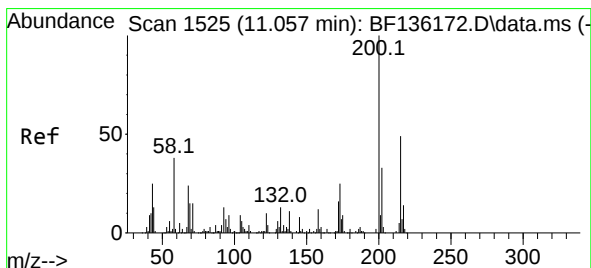
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Supervised By :mohammad ahmed 11/27/2023

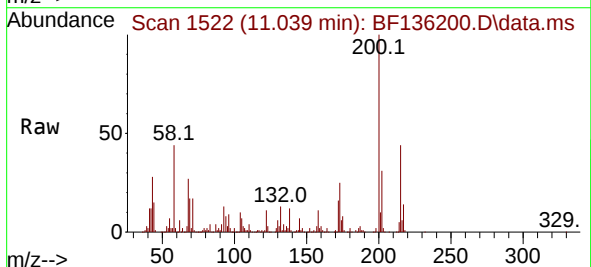


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Supervised By :mohammad
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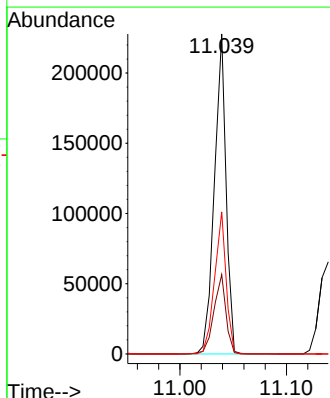
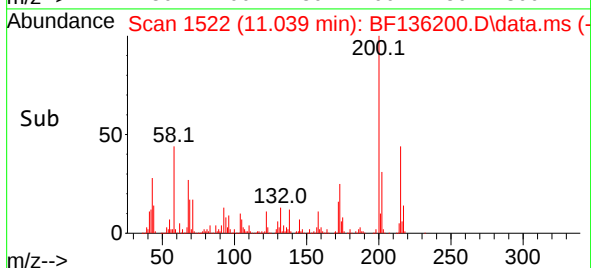
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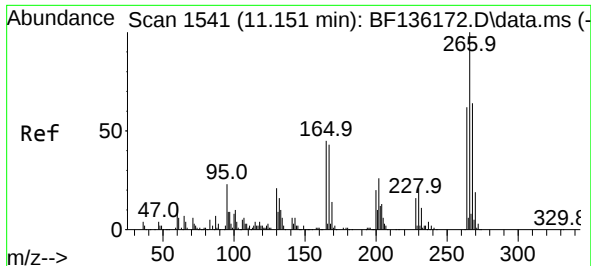


#69
Atrazine
Concen: 34.940 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51



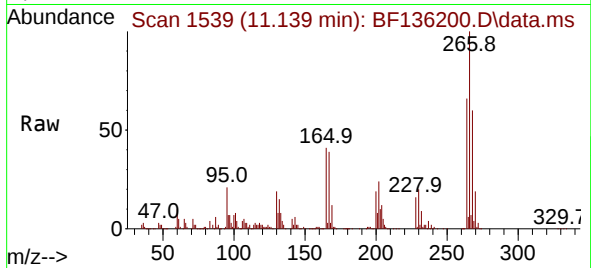
Tgt Ion:200 Resp: 173078
Ion Ratio Lower Upper
200 100
173 24.8 4.9 44.9
215 44.4 28.9 68.9





#70
Pentachlorophenol
Concen: 92.352 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

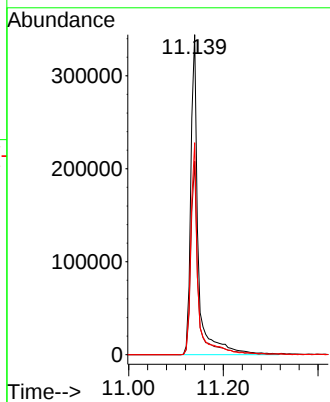
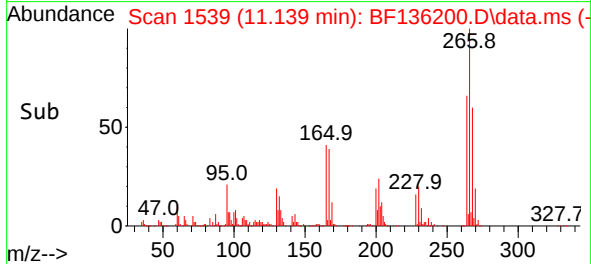
Instrument :
BNA_F
ClientSampleId :
PB157264BS



Tgt Ion:266 Resp: 376410
Ion Ratio Lower Upper
266 100
268 60.4 50.8 76.2
264 66.2 50.0 75.0

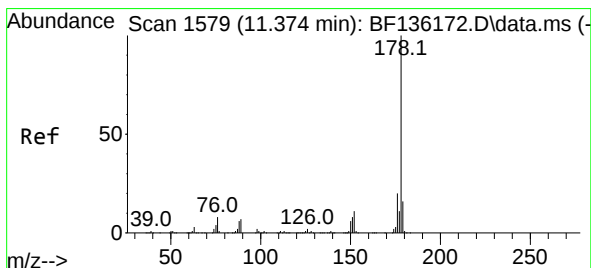
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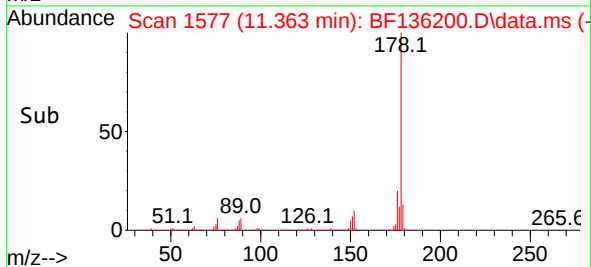
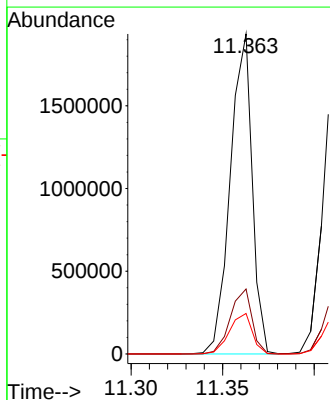
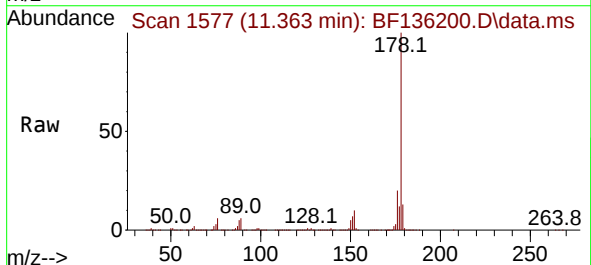
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ahmed

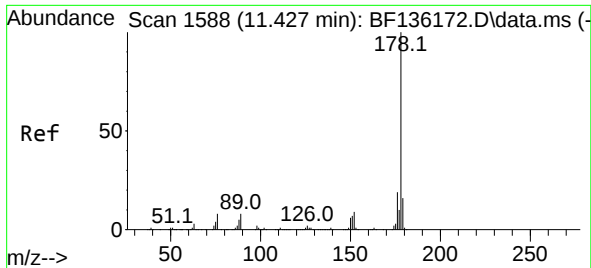
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#71
Phenanthrene
Concen: 51.085 ng m
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

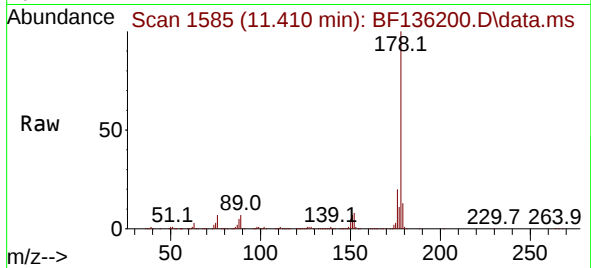
Tgt Ion:178 Resp: 1612296
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 12.6 12.7 19.1#





#72
 Anthracene
 Concen: 51.335 ng
 RT: 11.410 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136200.D
 Acq: 25 Nov 2023 02:51

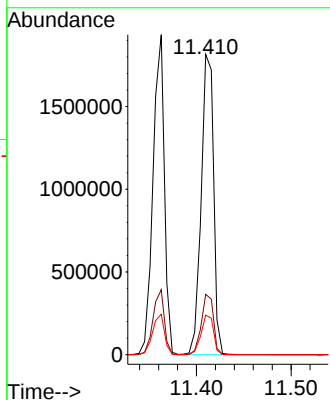
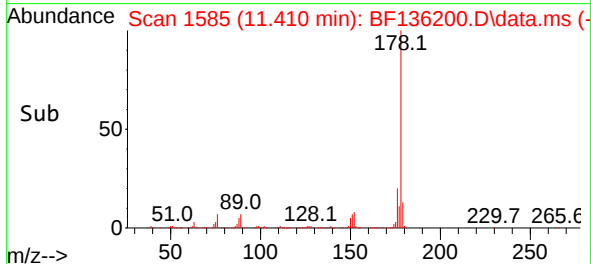
Instrument :
 BNA_F
 ClientSampleId :
 PB157264BS



Tgt Ion:178 Resp: 165382
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.0 22.4
 179 13.2 12.6 18.8

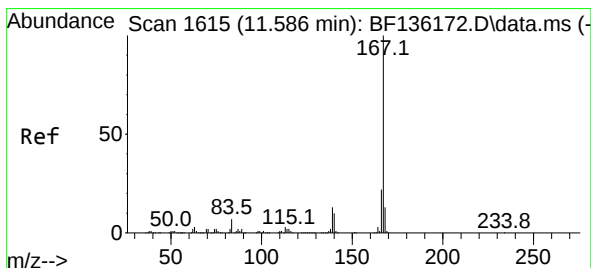
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 Supervised By :mohammad ahmed 11/27/2023

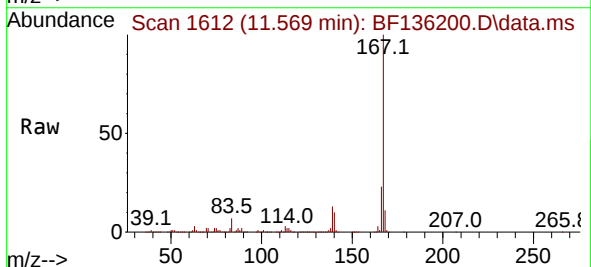


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 Supervised By :mohammad
 ahmed

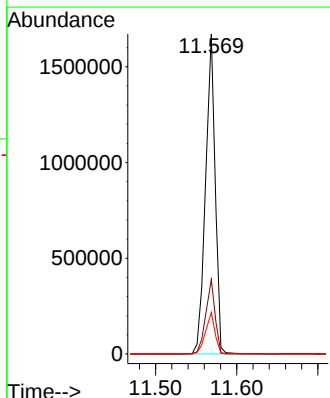
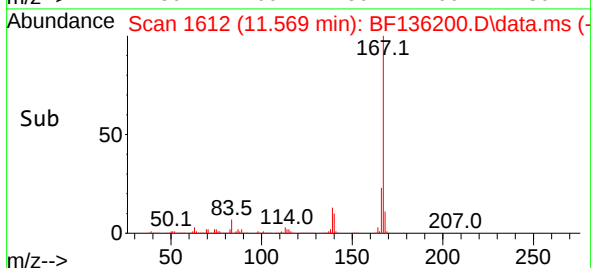
11/27/2023

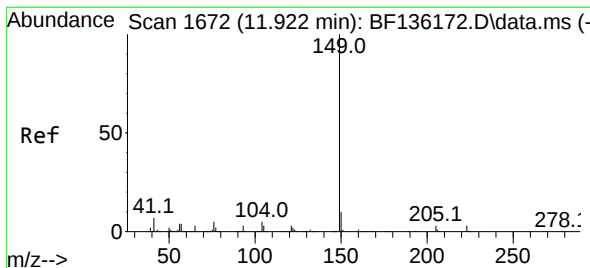


#73
 Carbazole
 Concen: 53.332 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF136200.D
 Acq: 25 Nov 2023 02:51



Tgt Ion:167 Resp: 1376773
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.3 25.9
 139 13.0 10.7 16.1





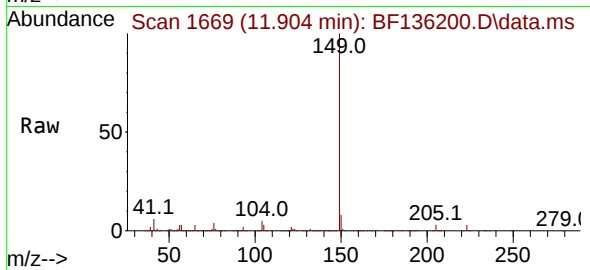
#74
Di-n-butylphthalate
Concen: 56.421 ng
RT: 11.904 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

PB157264BS

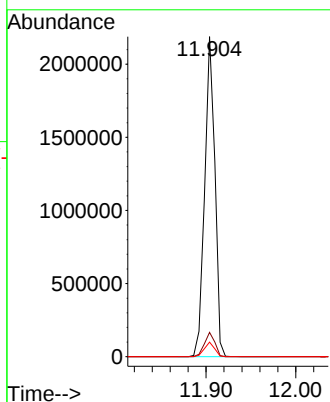
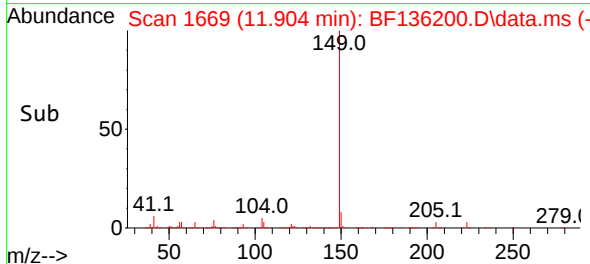


Tgt Ion:149 Resp: 1723059
Ion Ratio Lower Upper
149 100
150 7.6 7.7 11.5
104 4.6 4.2 6.2

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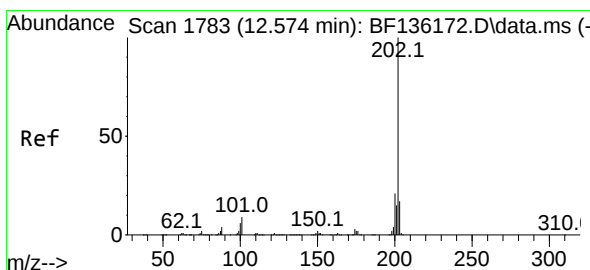
Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023

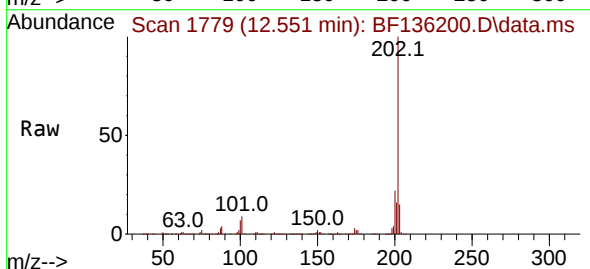


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Supervised By :mohammad
ahmed

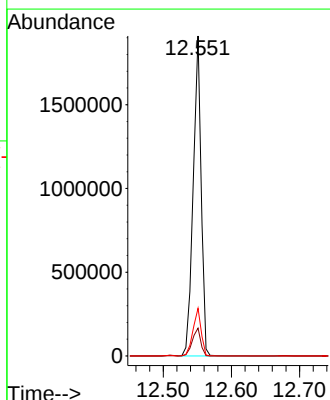
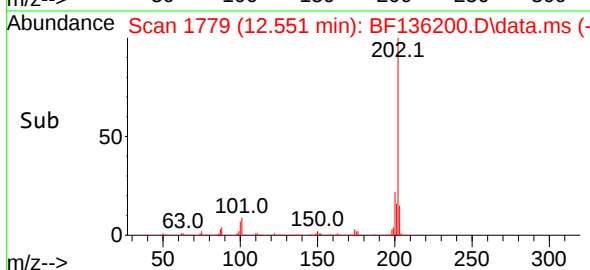
11/27/2023

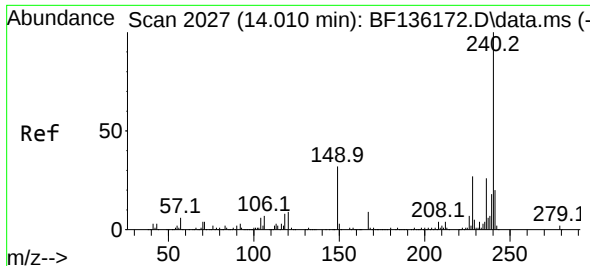


#75
Fluoranthene
Concen: 53.618 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51



Tgt Ion:202 Resp: 1545386
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.6
203 14.9 0.0 37.2





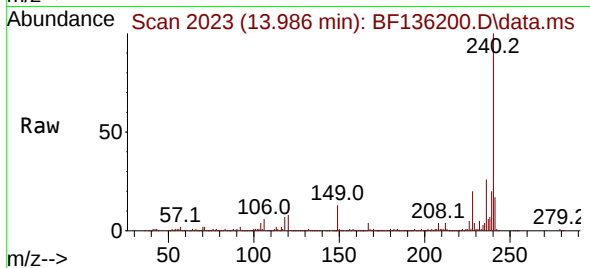
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

PB157264BS

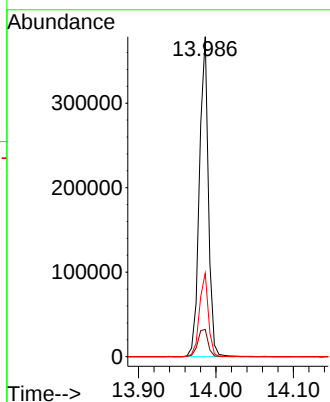
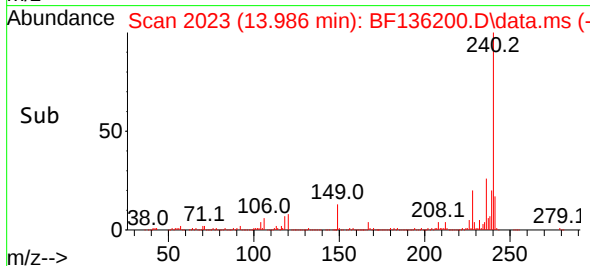


Tgt Ion:240 Resp: 30504
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 26.1 20.9 31.3

Manual Integrations

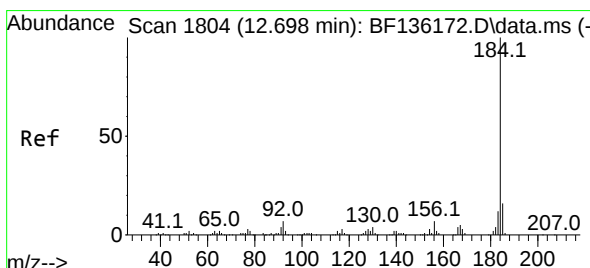
APPROVED

Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



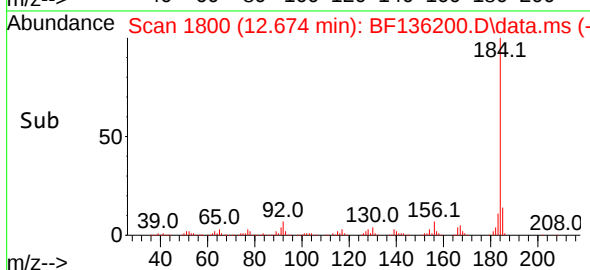
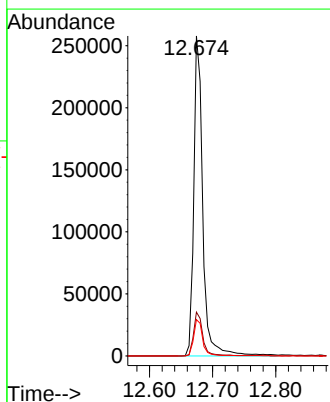
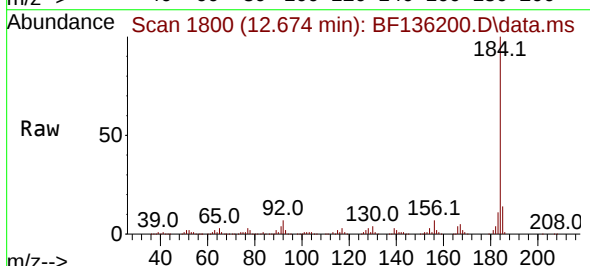
11/25/2023
Supervised By :mohammad
ahmed

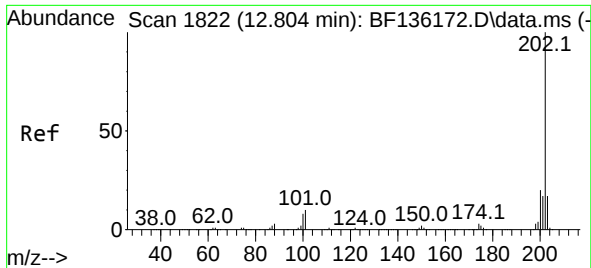
11/27/2023



#77
Benzidine
Concen: 48.416 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:184 Resp: 255734
Ion Ratio Lower Upper
184 100
185 13.7 12.6 18.8
183 11.4 9.2 13.8





#78
 Pyrene
 Concen: 53.844 ng
 RT: 12.780 min Scan# 1818
 Delta R.T. -0.006 min
 Lab File: BF136200.D
 Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

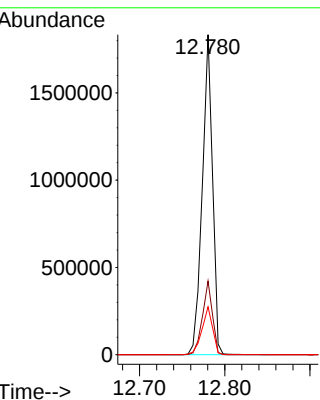
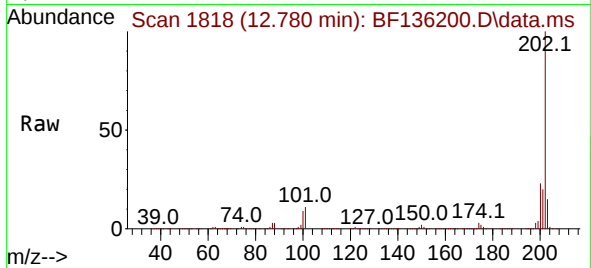
ClientSampleId :

PB157264BS

Tgt Ion:202 Resp: 153589
 Ion Ratio Lower Upper
 202 100
 200 23.0 16.2 24.2
 203 15.0 13.6 20.4

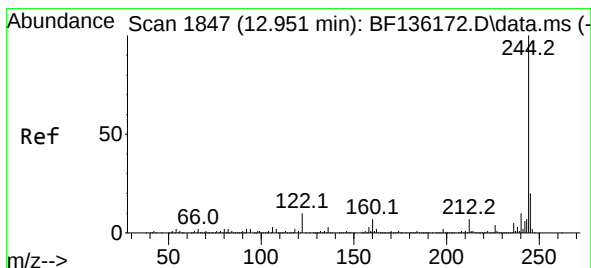
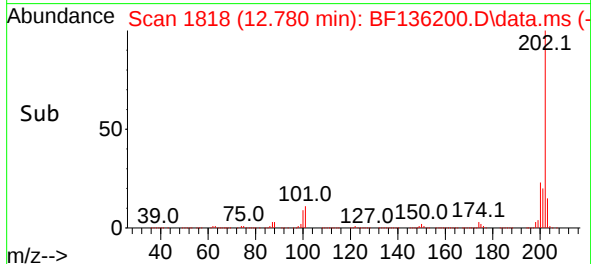
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 Supervised By :mohammad ahmed 11/27/2023



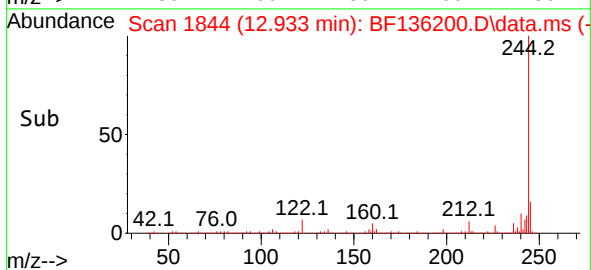
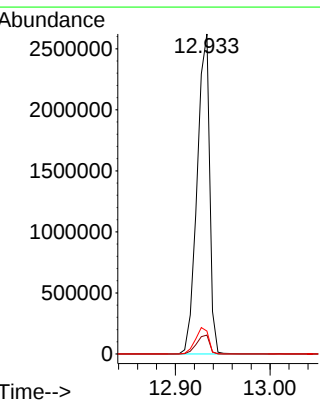
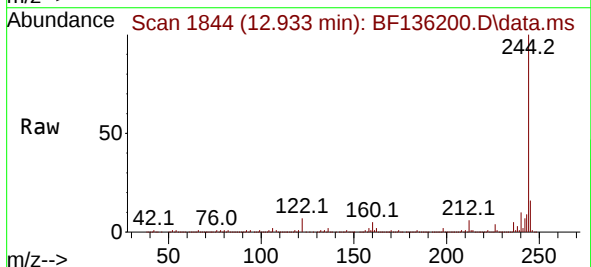
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 Supervised By :mohammad
 ahmed

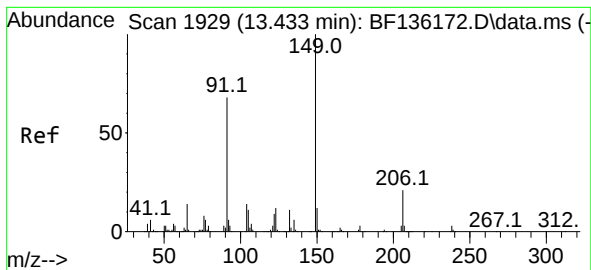
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#79
 Terphenyl-d14
 Concen: 111.525 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF136200.D
 Acq: 25 Nov 2023 02:51

Tgt Ion:244 Resp: 2396638
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.4 8.0
 122 7.2 8.1 12.1#





#80
Butylbenzylphthalate
Concen: 56.911 ng
RT: 13.410 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

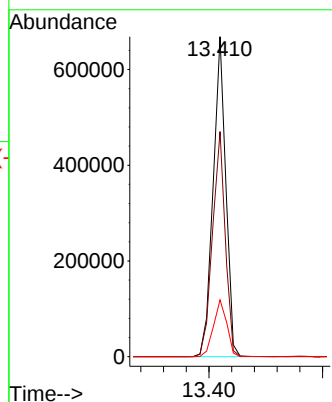
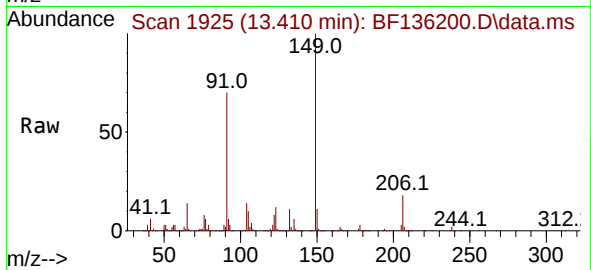
ClientSampleId :

PB157264BS

Tgt Ion:149 Resp: 51728
Ion Ratio Lower Upper
149 100
91 70.3 54.2 81.2
206 17.8 16.6 25.0

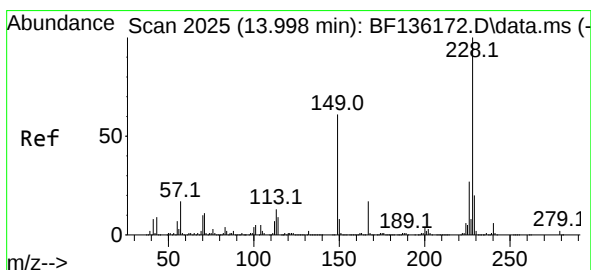
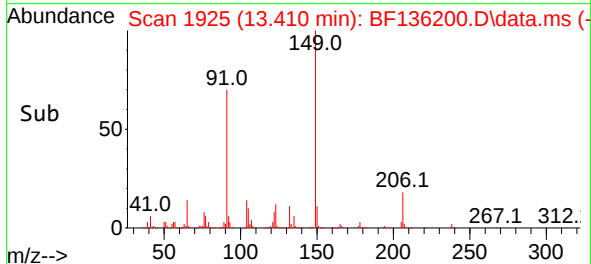
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Supervised By :mohammad ahmed 11/27/2023



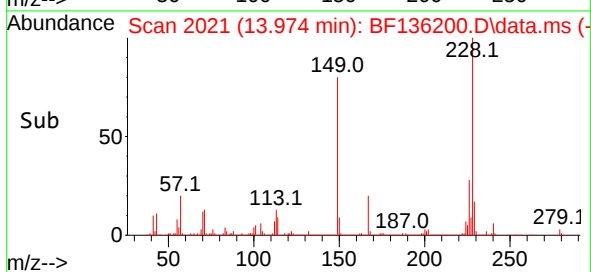
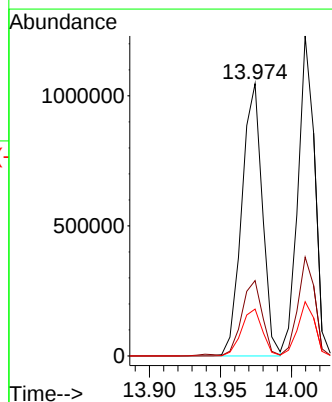
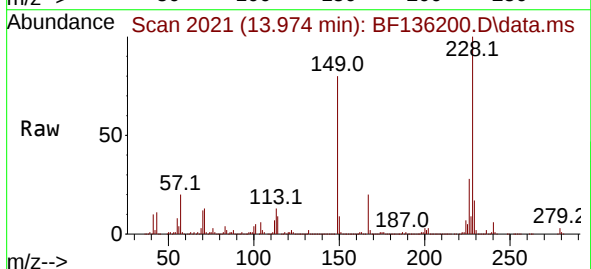
11/25/2023
Supervised By :mohammad
ahmed

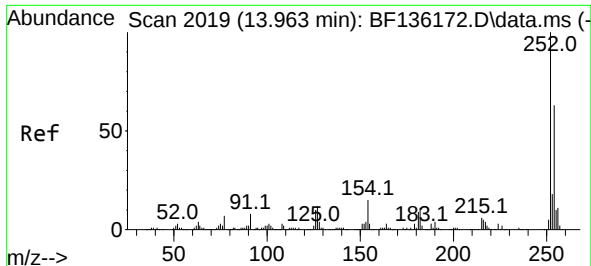
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#81
Benzo(a)anthracene
Concen: 52.284 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:228 Resp: 1057863
Ion Ratio Lower Upper
228 100
226 27.7 21.3 31.9
229 17.2 15.9 23.9





#82
 3,3'-Dichlorobenzidine
 Concen: 51.135 ng
 RT: 13.939 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: BF136200.D
 Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

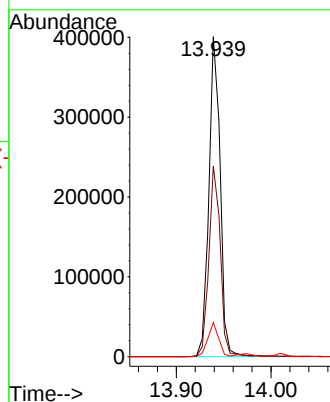
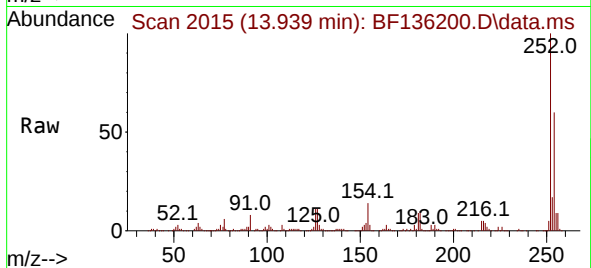
PB157264BS

Tgt Ion:252 Resp: 33213
 Ion Ratio Lower Upper
 252 100
 254 59.6 50.7 76.1
 126 10.7 8.2 12.2

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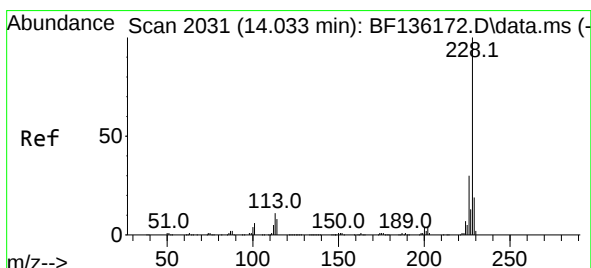
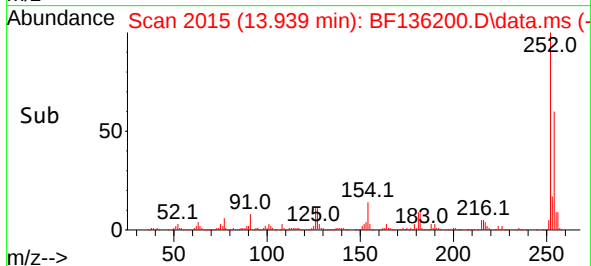
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Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/27/2023



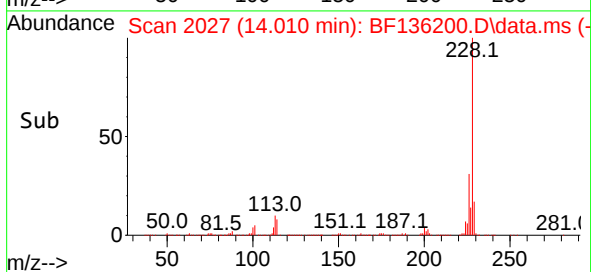
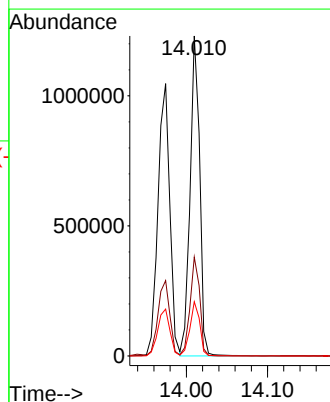
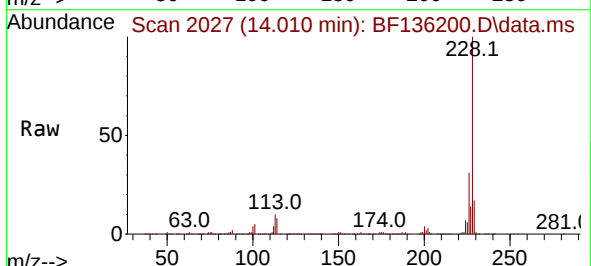
11/25/2023
 Supervised By :mohammad
 ahmed

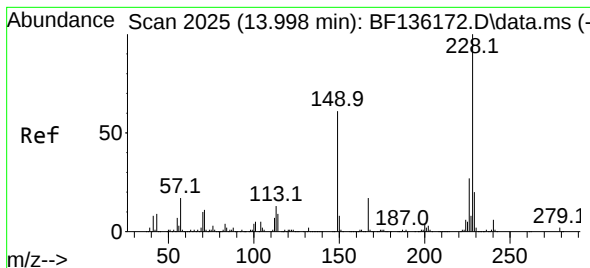
11/27/2023



#83
 Chrysene
 Concen: 50.980 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. -0.006 min
 Lab File: BF136200.D
 Acq: 25 Nov 2023 02:51

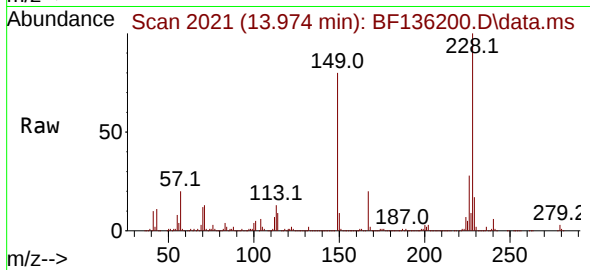
Tgt Ion:228 Resp: 1009125
 Ion Ratio Lower Upper
 228 100
 226 30.9 23.8 35.6
 229 17.0 15.7 23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 58.567 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

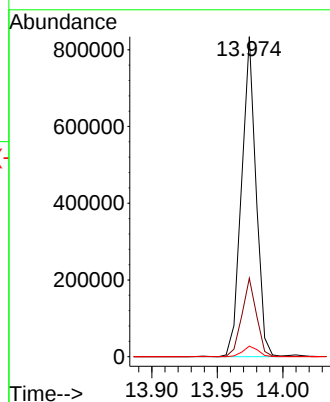
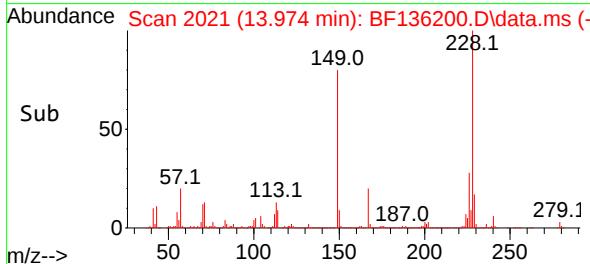
Instrument :
BNA_F
ClientSampleId :
PB157264BS



Tgt Ion:149 Resp: 64252
Ion Ratio Lower Upper
149 100
167 24.5 21.8 32.8
279 3.3 2.9 4.3

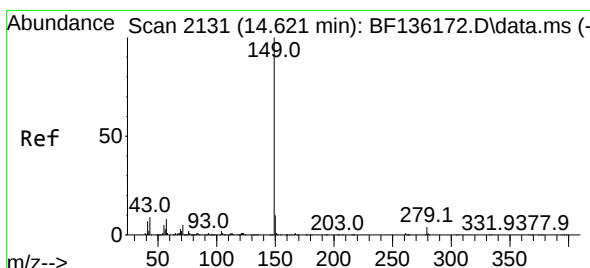
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Supervised By :mohammad ahmed 11/27/2023



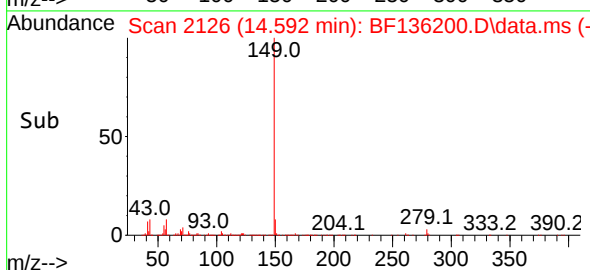
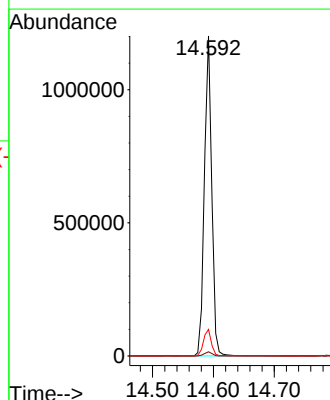
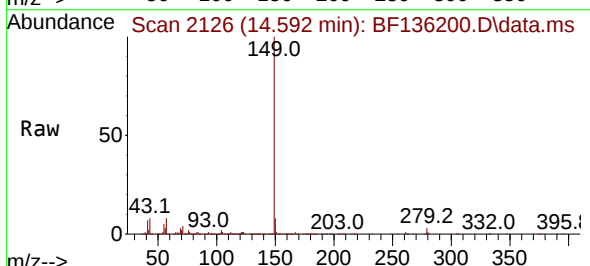
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Supervised By :mohammad
ahmed

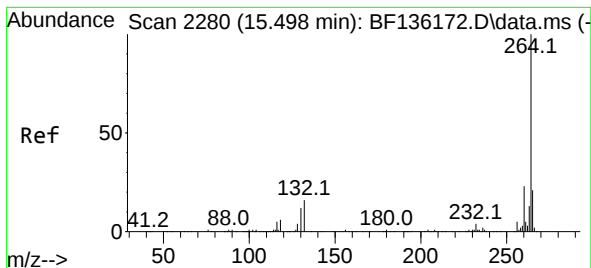
11/27/2023



#85
Di-n-octyl phthalate
Concen: 54.809 ng
RT: 14.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:149 Resp: 1006740
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 9.0 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: BF136200.D

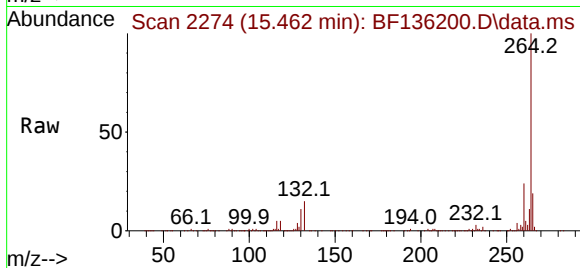
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

PB157264BS



Tgt Ion:264 Resp: 308169

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

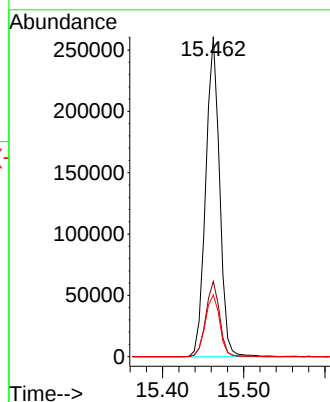
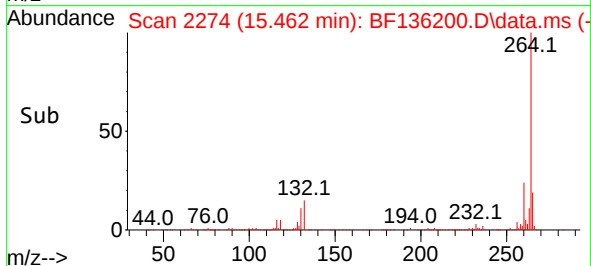
265 19.3 16.9 25.3

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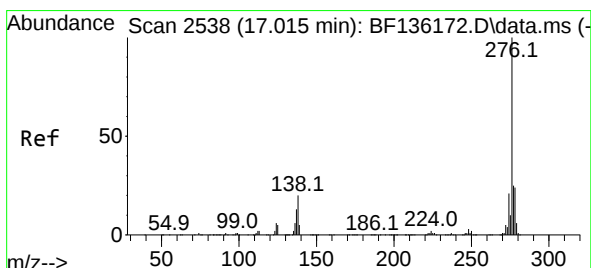
Supervised By :mohammad ahmed 11/27/2023



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ahmed

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#87

Indeno(1,2,3-cd)pyrene

Concen: 50.197 ng

RT: 16.974 min Scan# 2531

Delta R.T. -0.006 min

Lab File: BF136200.D

Acq: 25 Nov 2023 02:51

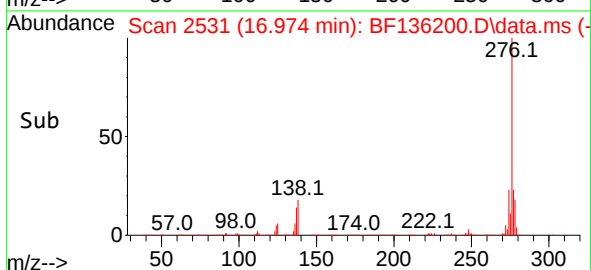
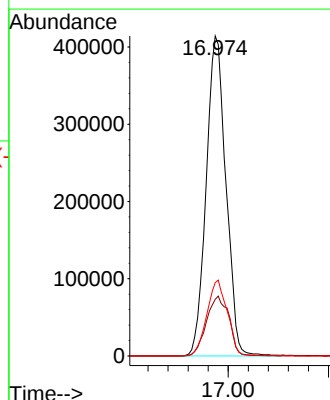
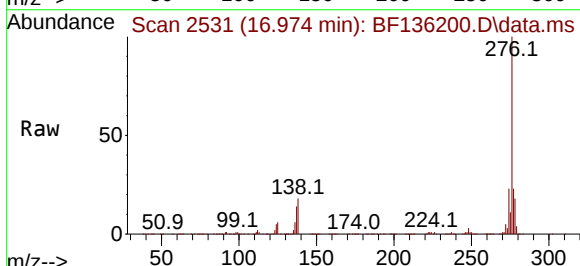
Tgt Ion:276 Resp: 1133428

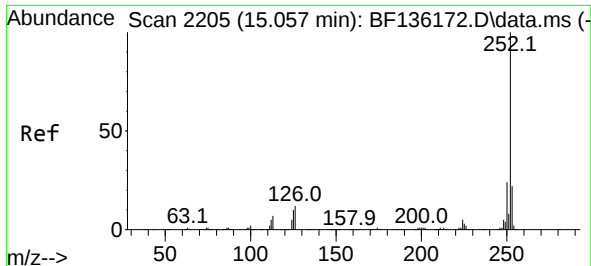
Ion Ratio Lower Upper

276 100

138 21.4 17.7 26.5

277 24.7 20.6 31.0





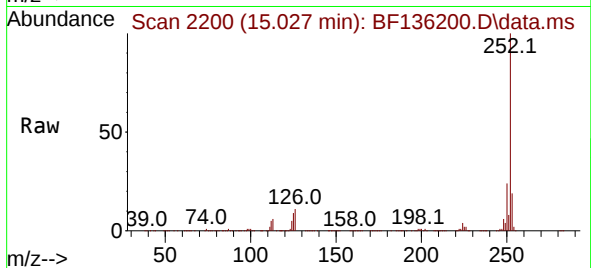
#88
Benzo(b)fluoranthene
Concen: 58.160 ng
RT: 15.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

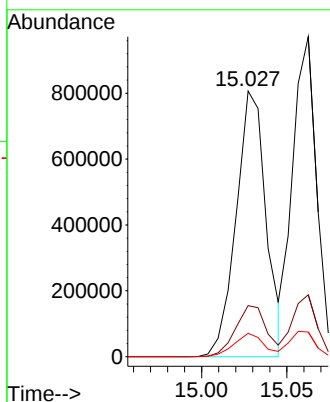
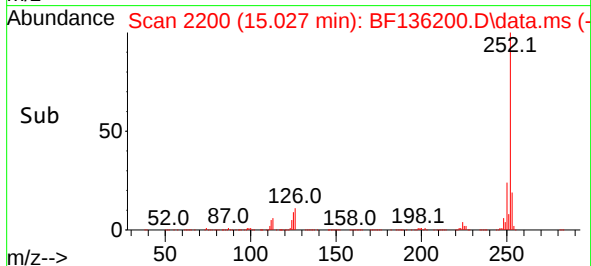
PB157264BS



Tgt Ion:252 Resp: 989534
Ion Ratio Lower Upper
252 100
253 19.2 17.6 26.4
125 8.8 7.8 11.8

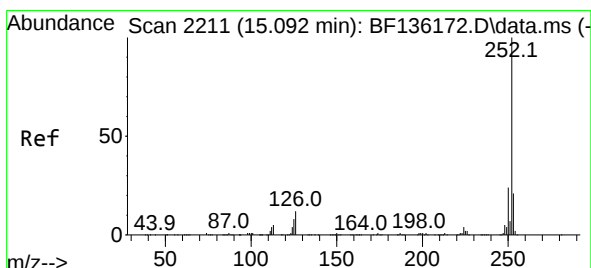
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Supervised By :mohammad ahmed 11/27/2023



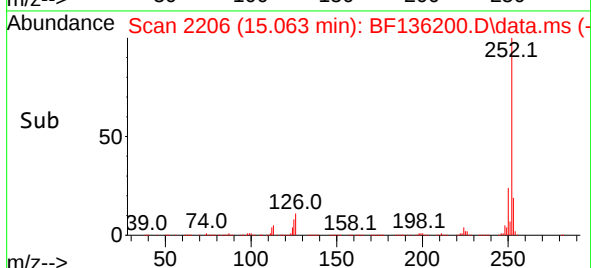
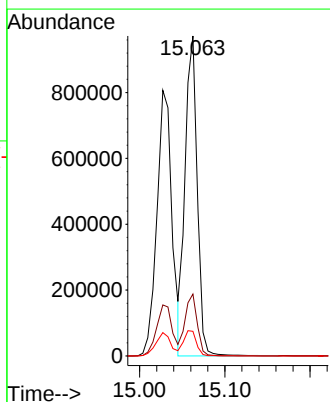
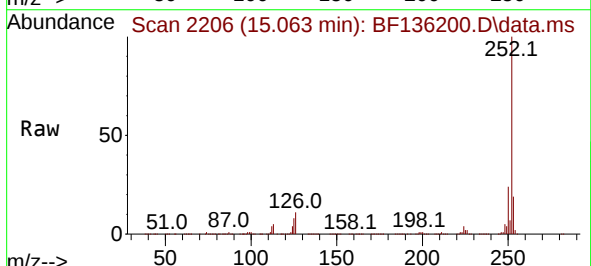
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Supervised By :mohammad
ahmed

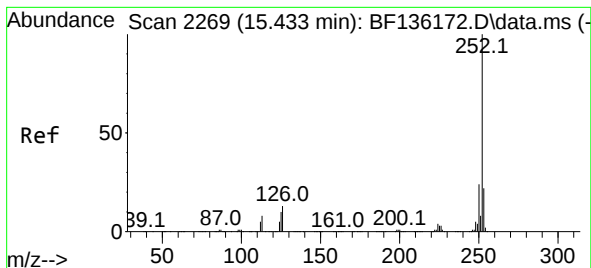
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#89
Benzo(k)fluoranthene
Concen: 56.063 ng
RT: 15.063 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Tgt Ion:252 Resp: 960536
Ion Ratio Lower Upper
252 100
253 19.3 17.3 25.9
125 7.7 6.7 10.1





#90

Benzo(a)pyrene

Concen: 51.157 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136200.D

Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

PB157264BS

Tgt Ion:252 Resp: 858480

Ion Ratio Lower Upper

252 100

253 19.9 17.3 25.9

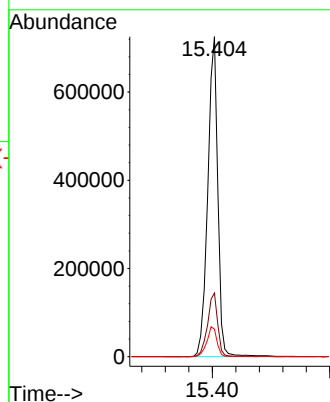
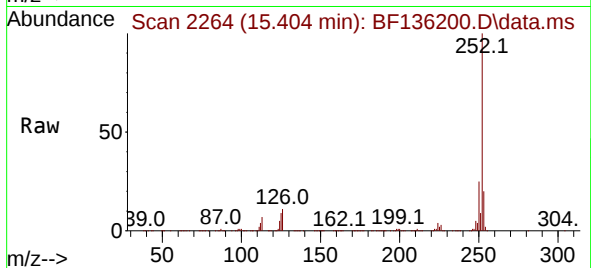
125 8.6 7.7 11.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/25/2023

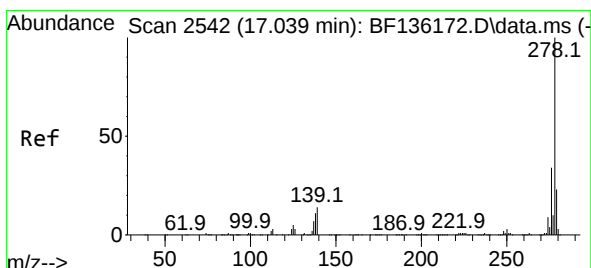
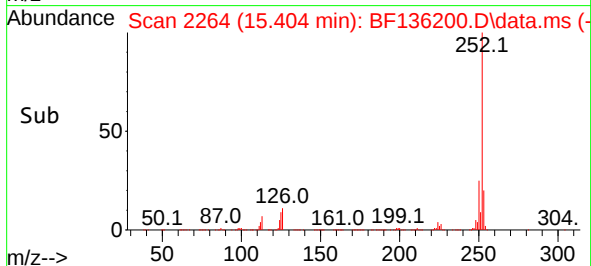
Supervised By :mohammad ahmed 11/27/2023



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Supervised By :mohammad
ahmed

11/27/2023



#91

Dibenzo(a,h)anthracene

Concen: 49.669 ng

RT: 16.998 min Scan# 2535

Delta R.T. -0.006 min

Lab File: BF136200.D

Acq: 25 Nov 2023 02:51

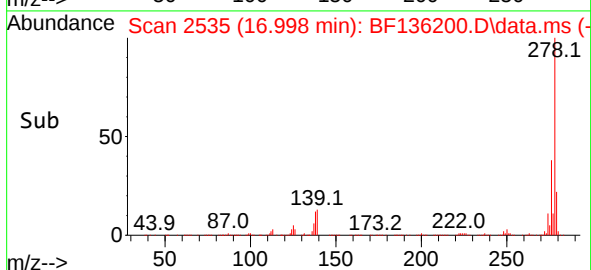
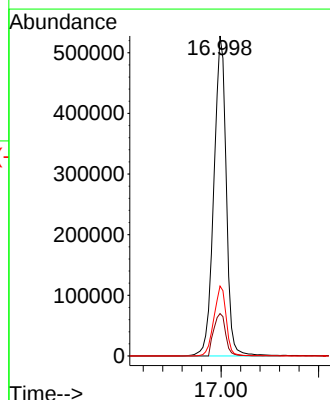
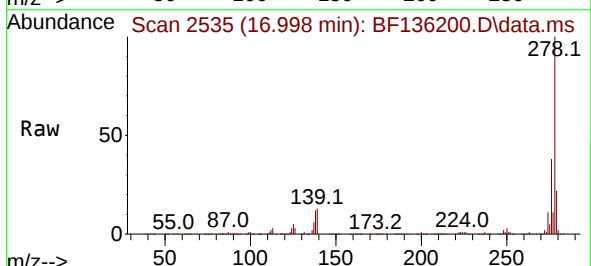
Tgt Ion:278 Resp: 929451

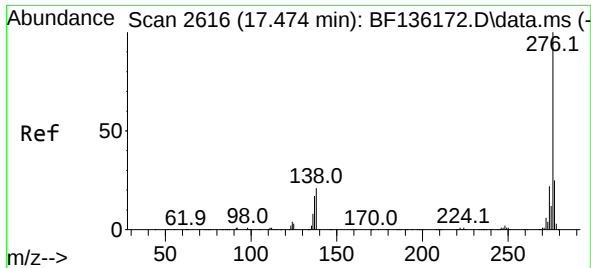
Ion Ratio Lower Upper

278 100

139 13.3 11.2 16.8

279 21.8 18.6 27.8





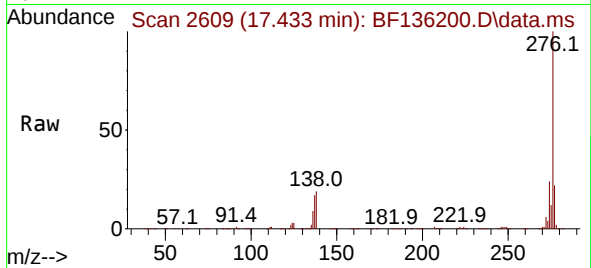
#92
Benzo(g,h,i)perylene
Concen: 47.297 ng
RT: 17.433 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136200.D
Acq: 25 Nov 2023 02:51

Instrument :

BNA_F

ClientSampleId :

PB157264BS



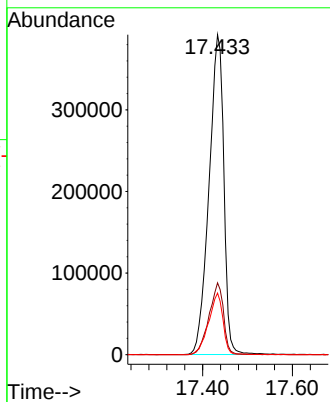
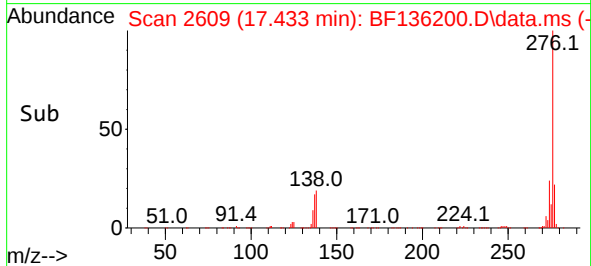
Tgt Ion:276 Resp: 897338
Ion Ratio Lower Upper
276 100
277 22.4 19.8 29.6
138 19.2 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



11/25/2023

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ahmed

11/27/2023