

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136332.D
 Acq On : 01 Dec 2023 12:08
 Operator : CG\JU
 Sample : PB157138BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157138BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/05/2023

Quant Time: Dec 01 13:16:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	138172	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	613120	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	314144	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	537508	20.000	ng	0.00
76) Chrysene-d12	13.992	240	239799	20.000	ng	0.00
86) Perylene-d12	15.474	264	260106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1123372	113.161	ng	0.02
7) Phenol-d6	6.451	99	1396891	112.537	ng	0.00
23) Nitrobenzene-d5	7.375	82	834223	71.900	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	429646	111.867	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1757454	71.458	ng	0.00
79) Terphenyl-d14	12.933	244	1515189	72.884	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	117902	31.389	ng	95
3) Pyridine	3.440	79	286544	30.903	ng	95
4) n-Nitrosodimethylamine	3.405	42	165614	35.335	ng	92
6) Aniline	6.475	93	370899	31.614	ng	97
8) 2-Chlorophenol	6.598	128	443858	41.063	ng	91
9) Benzaldehyde	6.357	77	21281	3.076	ng	95
10) Phenol	6.463	94	521735	39.179	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	392130	40.139	ng	94
12) 1,3-Dichlorobenzene	6.751	146	457547	37.300	ng	98
13) 1,4-Dichlorobenzene	6.828	146	472812	37.916	ng	99
14) 1,2-Dichlorobenzene	6.975	146	436032	36.935	ng	97
15) Benzyl Alcohol	6.957	79	351040	40.337	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	524518	38.654	ng	97
17) 2-Methylphenol	7.063	107	345119	40.612	ng	97
18) Hexachloroethane	7.316	117	162292	37.103	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	294841	39.715	ng	96
20) 3+4-Methylphenols	7.216	107	433947	39.292	ng	92
22) Acetophenone	7.216	105	603475	37.477	ng	# 97
24) Nitrobenzene	7.393	77	430430	36.608	ng	96
25) Isophorone	7.628	82	803835	38.422	ng	97
26) 2-Nitrophenol	7.704	139	224890	44.890	ng	97
27) 2,4-Dimethylphenol	7.745	122	348673	52.878	ng	95
28) bis(2-Chloroethoxy)met...	7.840	93	496230	39.213	ng	97
29) 2,4-Dichlorophenol	7.945	162	366254	41.180	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	403318	37.039	ng	100
31) Naphthalene	8.110	128	1306143	37.901	ng	98
32) Benzoic acid	7.881	122	258186	42.963	ng	99
33) 4-Chloroaniline	8.157	127	281700	24.048	ng	98
34) Hexachlorobutadiene	8.222	225	229672	36.052	ng	99
35) Caprolactam	8.534	113	105041m	42.247	ng	
36) 4-Chloro-3-methylphenol	8.645	107	385995	40.015	ng	98
37) 2-Methylnaphthalene	8.798	142	821414	37.997	ng	98
38) 1-Methylnaphthalene	8.898	142	785945	37.269	ng	94
40) 1,2,4,5-Tetrachloroben...	8.969	216	392956	39.305	ng	98
41) Hexachlorocyclopentadiene	8.951	237	386205	100.393	ng	96
43) 2,4,6-Trichlorophenol	9.081	196	264409	40.746	ng	94

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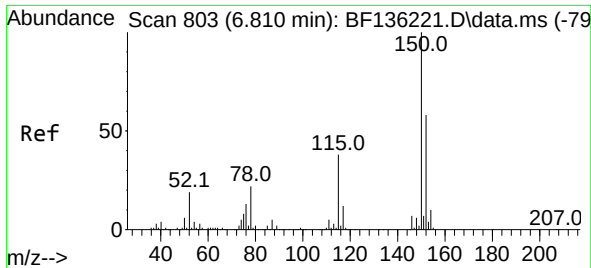
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.128	196	276311	39.018	ng	99	12/04/2023
46) 1,1'-Biphenyl	9.269	154	1060605	38.285	ng	99	Supervised By :mohammad
47) 2-Chloronaphthalene	9.292	162	803918	37.368	ng	98	ahmed
48) 2-Nitroaniline	9.392	65	225322	40.115	ng	# 84	
49) Acenaphthylene	9.710	152	1246747	40.609	ng	100	
50) Dimethylphthalate	9.575	163	926871	39.037	ng	99	
51) 2,6-Dinitrotoluene	9.634	165	196969	40.607	ng	99	12/05/2023
52) Acenaphthene	9.881	154	736039	37.937	ng	98	
53) 3-Nitroaniline	9.804	138	152525	31.690	ng	92	
54) 2,4-Dinitrophenol	9.916	184	192406	85.288	ng	# 87	
55) Dibenzofuran	10.057	168	1134050	39.281	ng	96	
56) 4-Nitrophenol	9.969	139	266935	73.024	ng	93	
57) 2,4-Dinitrotoluene	10.039	165	249344	38.483	ng	91	
58) Fluorene	10.398	166	849552	37.515	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.169	232	226600	40.217	ng	99	
60) Diethylphthalate	10.275	149	888217	37.397	ng	99	
61) 4-Chlorophenyl-phenyle...	10.392	204	415220	37.756	ng	99	
62) 4-Nitroaniline	10.422	138	160308	34.027	ng	95	
63) Azobenzene	10.551	77	818428	37.169	ng	96	
65) 4,6-Dinitro-2-methylph...	10.451	198	127219	43.281	ng	84	
66) n-Nitrosodiphenylamine	10.510	169	742811	43.123	ng	99	
67) 4-Bromophenyl-phenylether	10.881	248	261383	41.682	ng	98	
68) Hexachlorobenzene	10.945	284	294664	40.600	ng	95	
69) Atrazine	11.045	200	204750	40.070	ng	98	
70) Pentachlorophenol	11.139	266	263387	64.202	ng	98	
71) Phenanthrene	11.363	178	1236491	40.929	ng	99	
72) Anthracene	11.416	178	1229127	40.571	ng	99	
73) Carbazole	11.569	167	947114	36.757	ng	99	
74) Di-n-butylphthalate	11.904	149	1223653	37.955	ng	98	
75) Fluoranthene	12.557	202	1038900	33.875	ng	97	
77) Benzidine	12.680	184	94054	23.860	ng	99	
78) Pyrene	12.786	202	1013296	38.584	ng	97	
80) Butylbenzylphthalate	13.410	149	332815	40.719	ng	97	
81) Benzo(a)anthracene	13.980	228	702269	39.428	ng	98	
82) 3,3'-Dichlorobenzidine	13.945	252	205299	47.883	ng	97	
83) Chrysene	14.016	228	673921	39.187	ng	98	
84) Bis(2-ethylhexyl)phtha...	13.974	149	430367	43.874	ng	99	
85) Di-n-octyl phthalate	14.592	149	780485	48.884	ng	100	
87) Indeno(1,2,3-cd)pyrene	16.992	276	851352	44.023	ng	99	
88) Benzo(b)fluoranthene	15.039	252	733295	40.184	ng	99	
89) Benzo(k)fluoranthene	15.068	252	721501	41.629	ng	98	
90) Benzo(a)pyrene	15.410	252	647045	43.374	ng	97	
91) Dibenzo(a,h)anthracene	17.010	278	705136	45.347	ng	99	
92) Benzo(g,h,i)perylene	17.451	276	679502	43.578	ng	99	

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

Manual Integrations

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

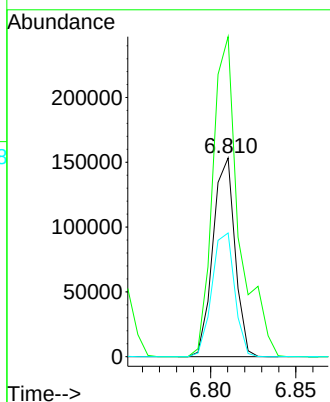
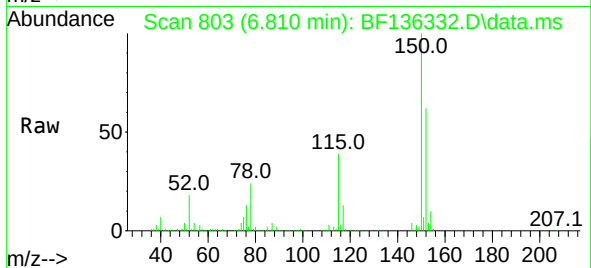
ClientSampleId :

PB157138BS

Tgt Ion:152 Resp: 138172
Ion Ratio Lower Upper
152 100
150 161.0 137.8 206.8
115 62.2 52.7 79.1

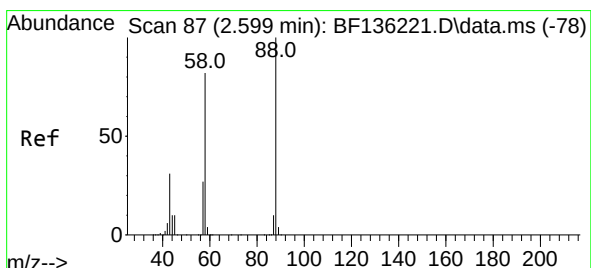
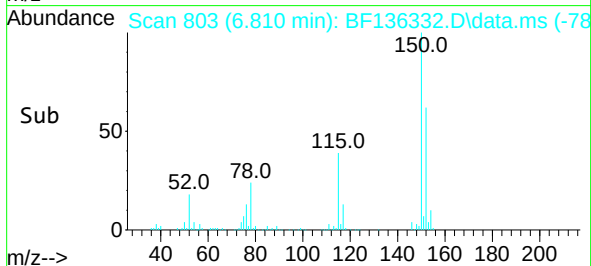
Manual Integrations
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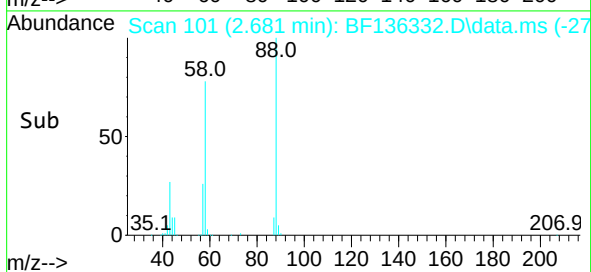
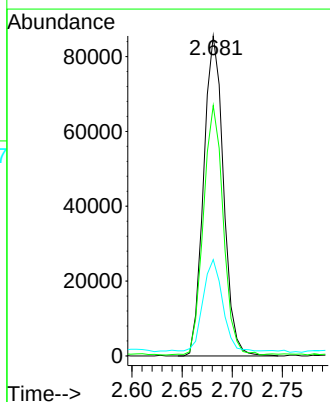
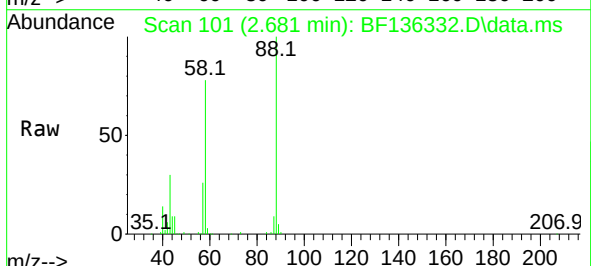
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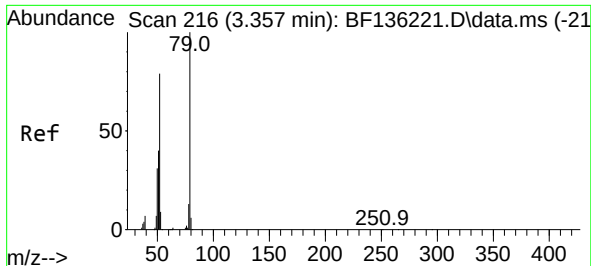
12/05/2023



#2
1,4-Dioxane
Concen: 31.389 ng
RT: 2.681 min Scan# 101
Delta R.T. 0.083 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

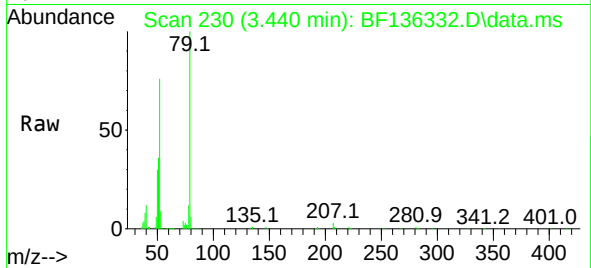
Tgt Ion: 88 Resp: 117902
Ion Ratio Lower Upper
88 100
58 78.0 65.9 98.9
43 28.9 24.8 37.2





#3
Pyridine
Concen: 30.903 ng
RT: 3.440 min Scan# 216
Delta R.T. 0.083 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

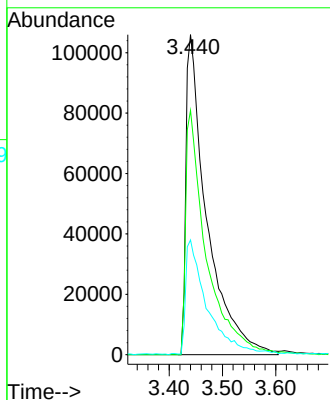
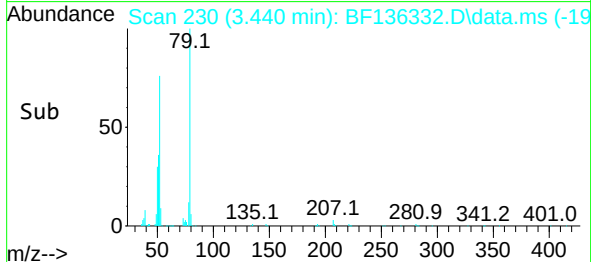
Instrument :
BNA_F
ClientSampleId :
PB157138BS



Tgt Ion: 79 Resp: 286544
Ion Ratio Lower Upper
79 100
52 76.4 63.2 94.8
51 35.8 32.6 49.0

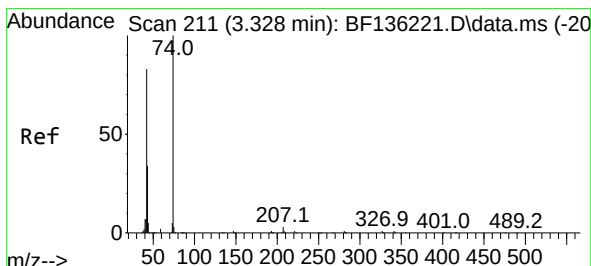
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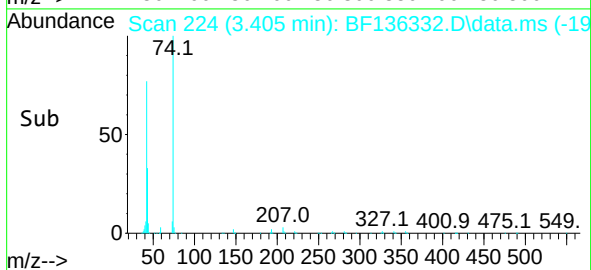
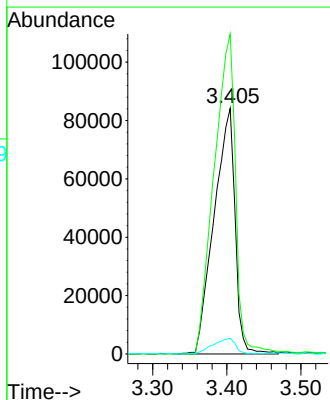
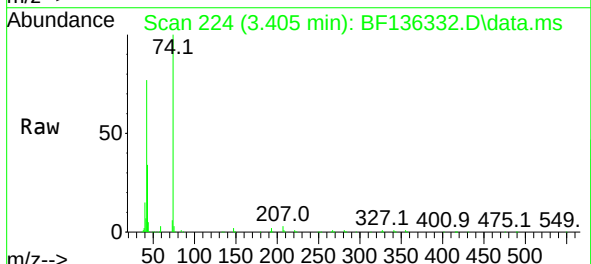
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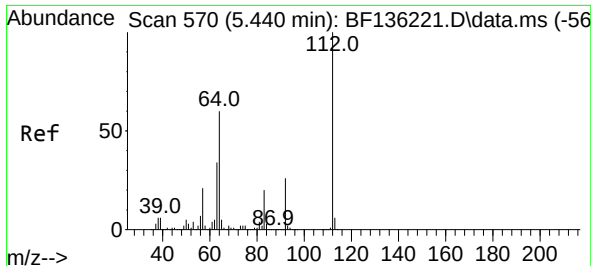
12/05/2023



#4
n-Nitrosodimethylamine
Concen: 35.335 ng
RT: 3.405 min Scan# 224
Delta R.T. 0.077 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion: 42 Resp: 165614
Ion Ratio Lower Upper
42 100
74 130.3 96.6 144.8
44 6.3 5.4 8.2





#5
2-Fluorophenol
Concen: 113.161 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

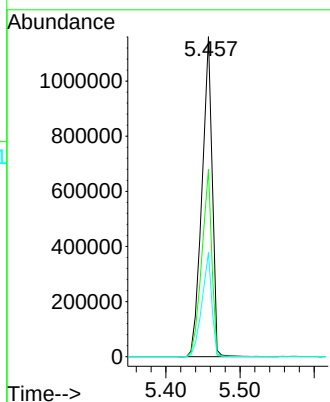
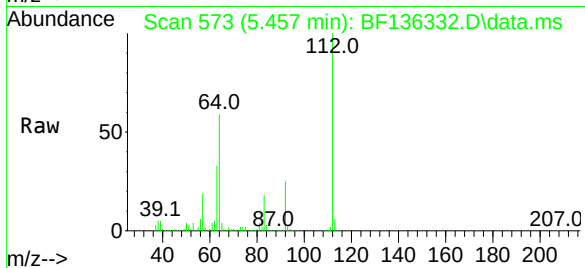
ClientSampleId :

PB157138BS

Tgt Ion:112 Resp: 1123372
Ion Ratio Lower Upper
112 100
64 58.5 48.2 72.4
63 32.6 27.0 40.6

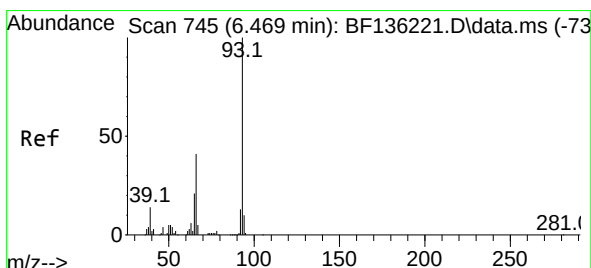
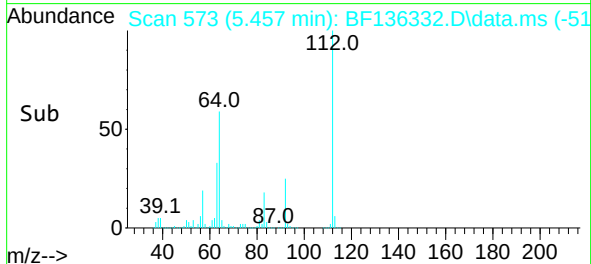
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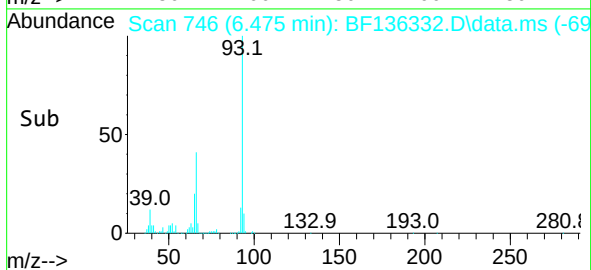
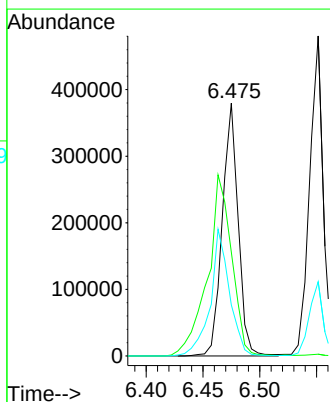
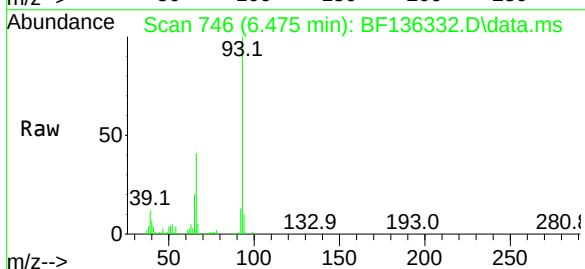
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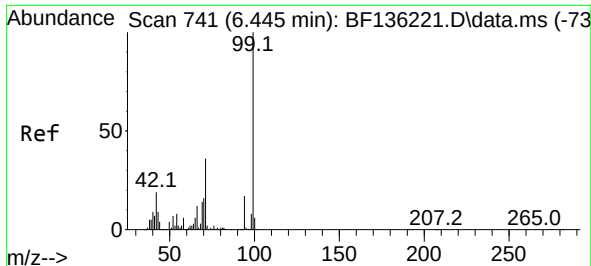
12/05/2023



#6
Aniline
Concen: 31.614 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

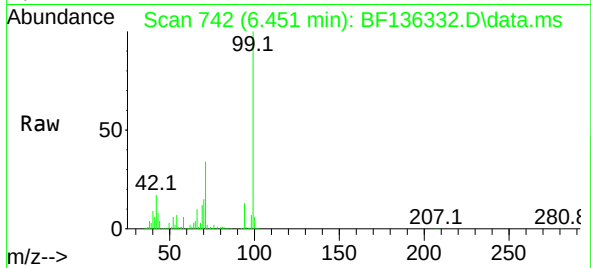
Tgt Ion: 93 Resp: 370899
Ion Ratio Lower Upper
93 100
66 41.1 34.1 51.1
65 20.2 17.3 25.9





#7
Phenol-d6
Concen: 112.537 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

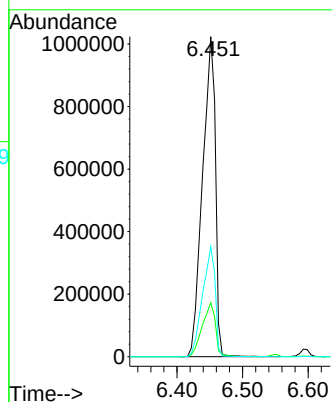
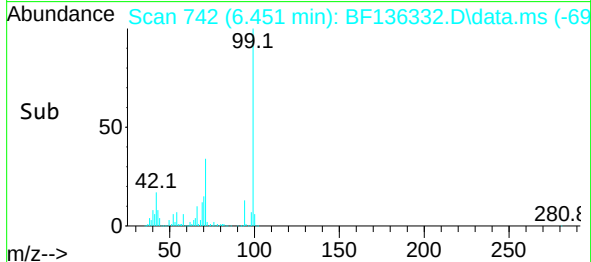
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Tgt Ion: 99 Resp: 139689
Ion Ratio Lower Upper
99 100
42 16.8 15.0 22.6
71 34.4 28.9 43.3

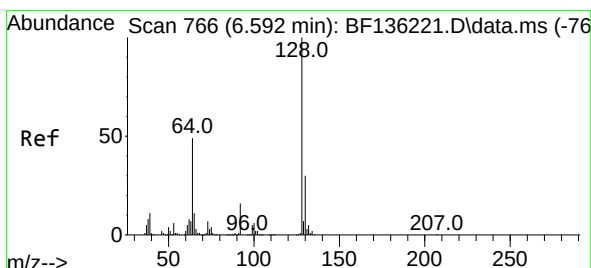
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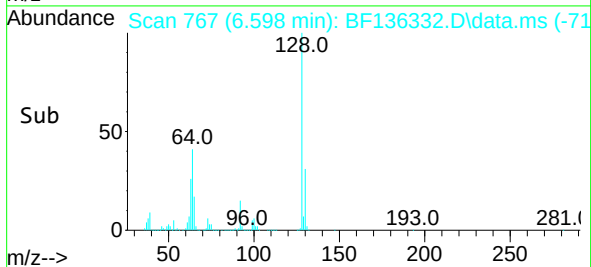
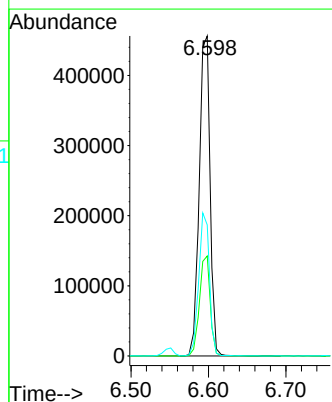
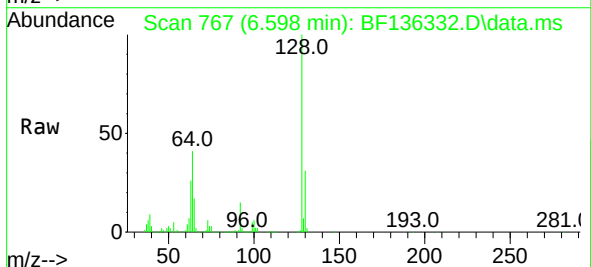
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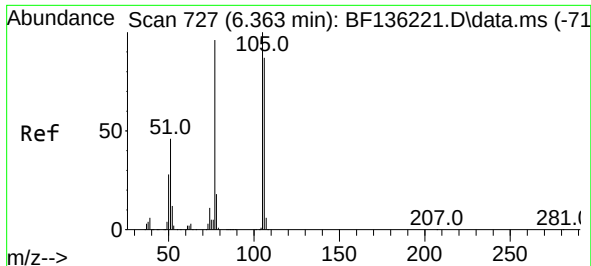
12/05/2023



#8
2-Chlorophenol
Concen: 41.063 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

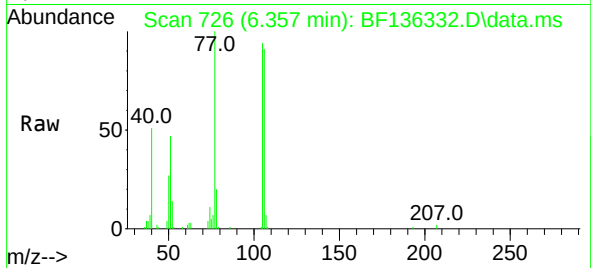
Tgt Ion:128 Resp: 443858
Ion Ratio Lower Upper
128 100
130 31.2 10.3 50.3
64 41.0 30.0 70.0





#9
Benzaldehyde
Concen: 3.076 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136332.D
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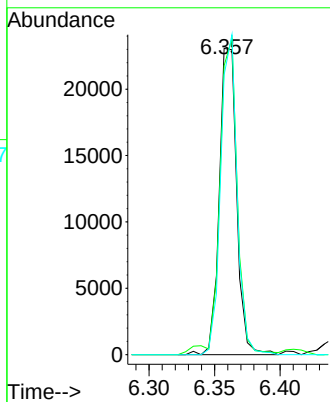
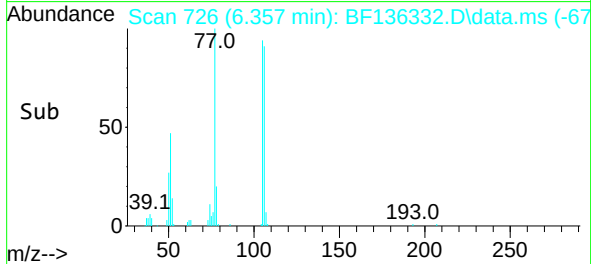
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 2128
Ion Ratio Lower Upper
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105 94.3 84.3 124.3
106 91.4 71.0 111.0

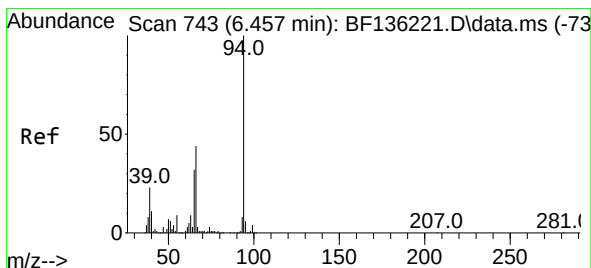
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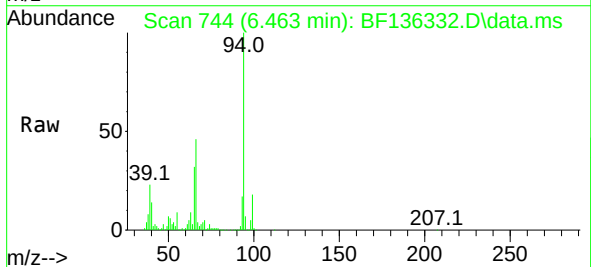


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Supervised By :mohammad
ahmed

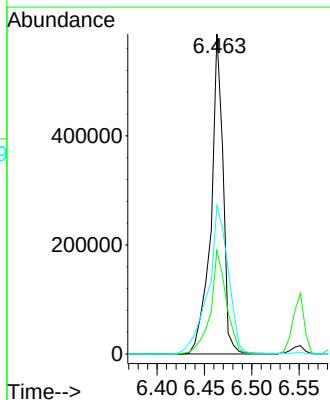
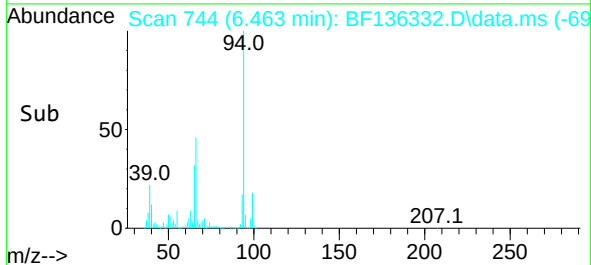
12/05/2023

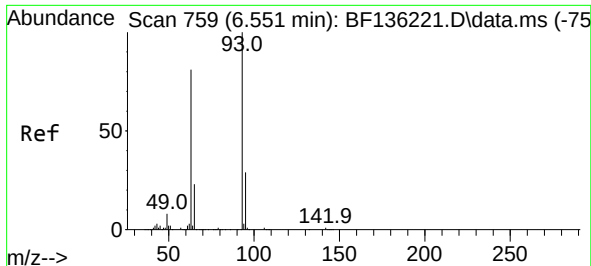


#10
Phenol
Concen: 39.179 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



Tgt Ion: 94 Resp: 521735
Ion Ratio Lower Upper
94 100
65 32.4 12.5 52.5
66 46.3 24.1 64.1





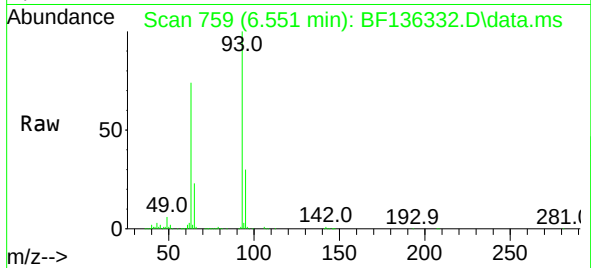
#11
bis(2-Chloroethyl)ether
Concen: 40.139 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

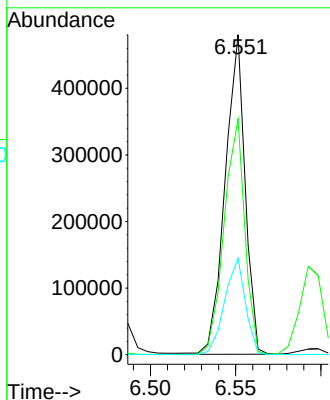
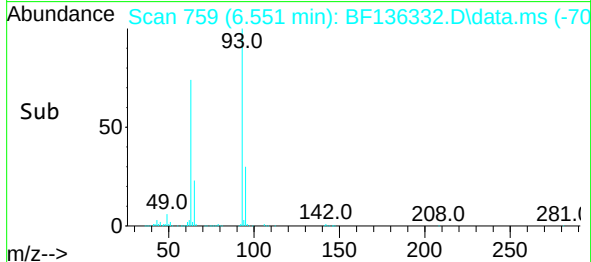
PB157138BS



Tgt Ion: 93 Resp: 392130
Ion Ratio Lower Upper
93 100
63 73.7 60.2 100.2
95 30.1 9.1 49.1

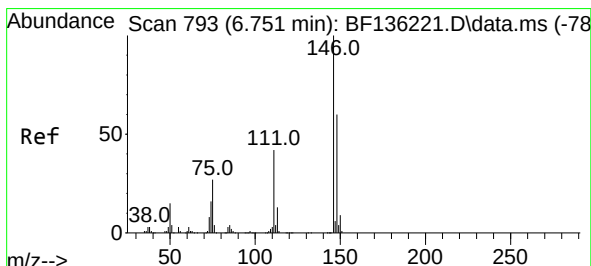
Manual Integrations
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

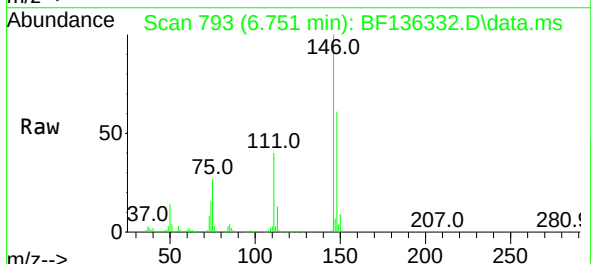


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Supervised By :mohammad
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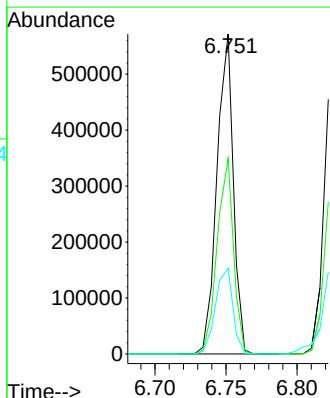
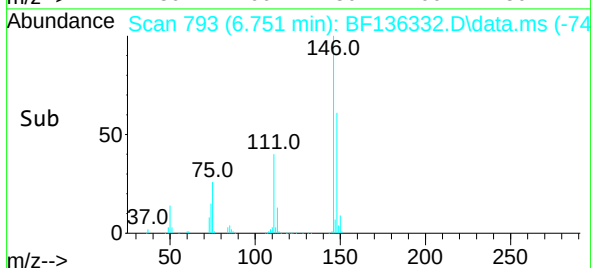
12/05/2023

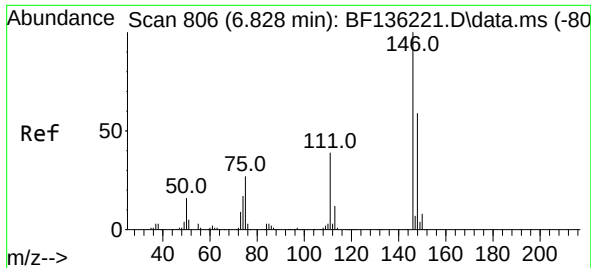


#12
1,3-Dichlorobenzene
Concen: 37.300 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



Tgt Ion:146 Resp: 457547
Ion Ratio Lower Upper
146 100
148 61.1 47.8 71.6
75 26.8 22.0 33.0





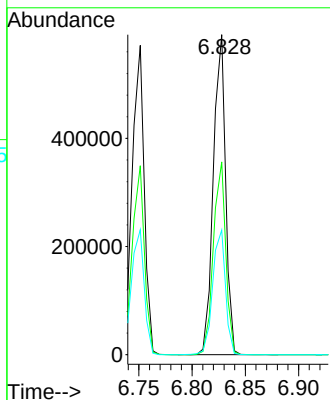
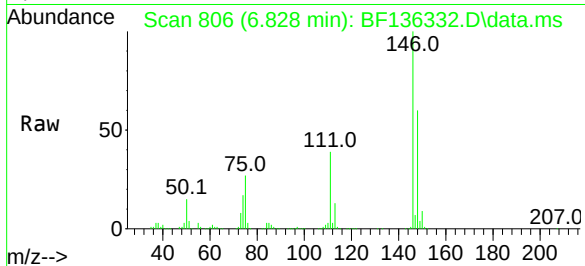
#13
1,4-Dichlorobenzene
Concen: 37.916 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :
BNA_F
ClientSampleId :
PB157138BS

Tgt Ion:146 Resp: 472812
Ion Ratio Lower Upper
146 100
148 60.3 47.0 70.6
111 38.9 31.5 47.3

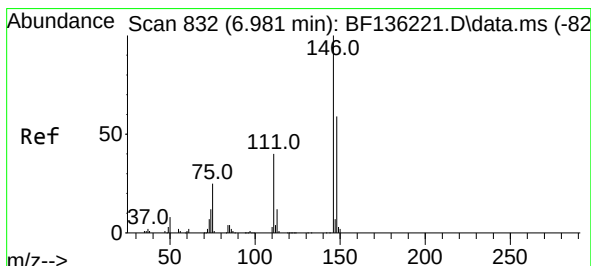
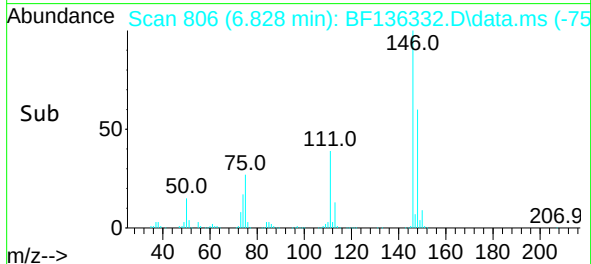
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



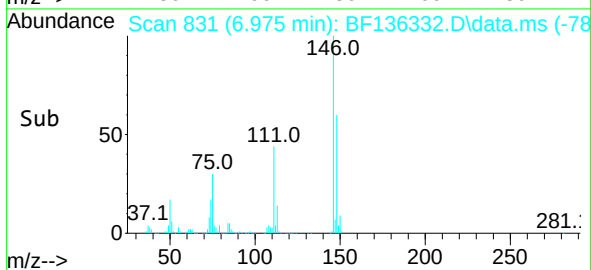
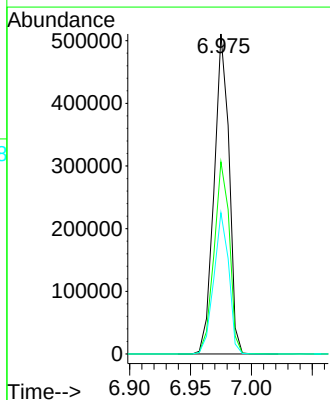
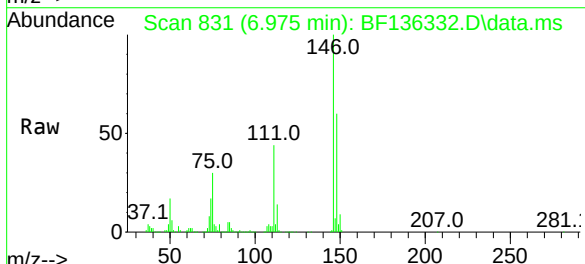
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ahmed

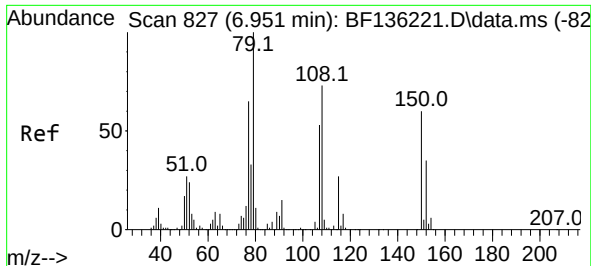
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#14
1,2-Dichlorobenzene
Concen: 36.935 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

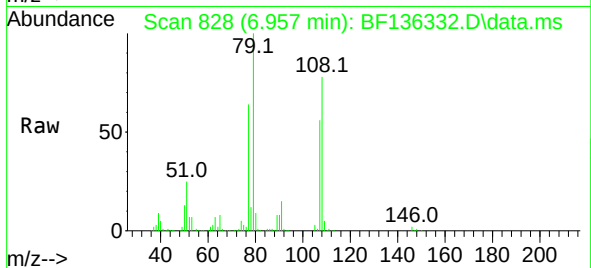
Tgt Ion:146 Resp: 436032
Ion Ratio Lower Upper
146 100
148 60.1 47.3 70.9
111 44.1 32.4 48.6





#15
Benzyl Alcohol
Concen: 40.337 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

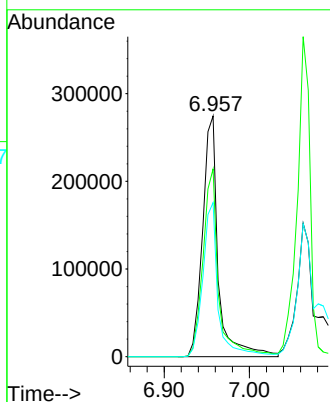
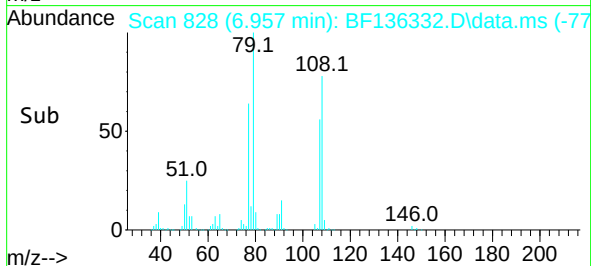
Instrument :
BNA_F
ClientSampleId :
PB157138BS



Tgt Ion: 79 Resp: 351040
Ion Ratio Lower Upper
79 100
108 78.0 58.1 87.1
77 64.0 51.8 77.8

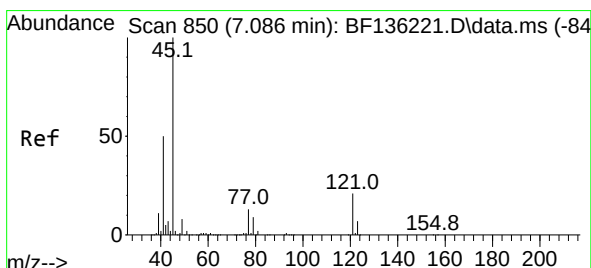
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Supervised By :mohammad ahmed 12/05/2023



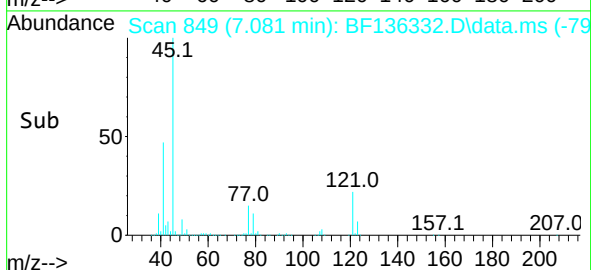
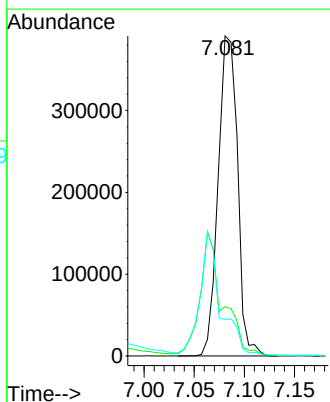
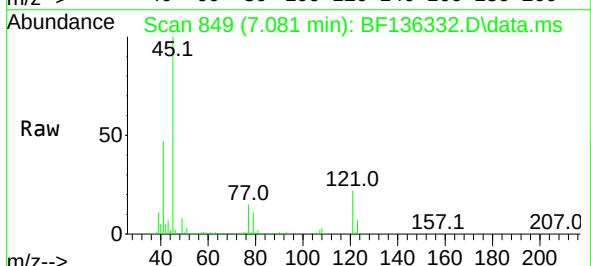
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Supervised By :mohammad
ahmed

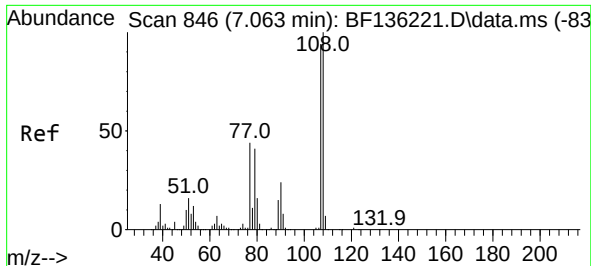
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.654 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

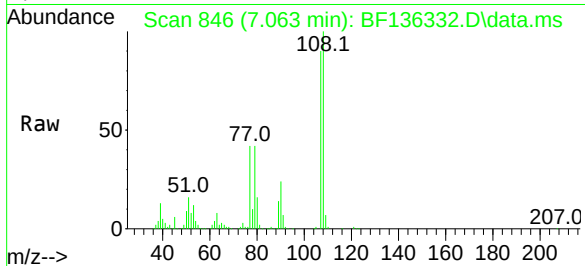
Tgt Ion: 45 Resp: 524518
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.0
79 11.4 0.0 30.1





#17
2-Methylphenol
Concen: 40.612 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

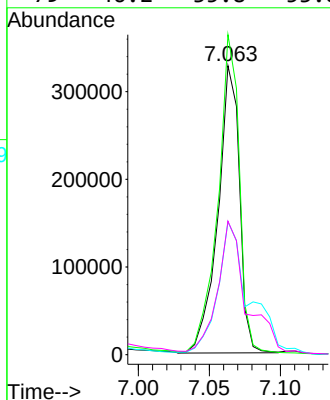
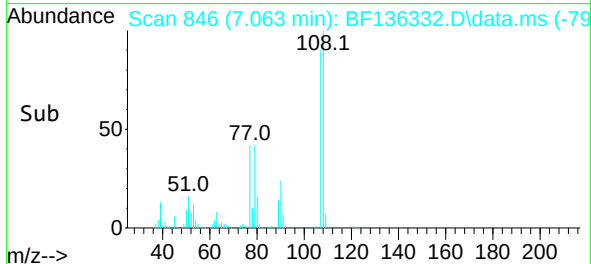
Instrument :
BNA_F
ClientSampleId :
PB157138BS



Tgt Ion:107 Resp: 345119
Ion Ratio Lower Upper
107 100
108 110.7 85.4 128.0
77 46.0 37.4 56.2
79 46.2 35.8 53.8

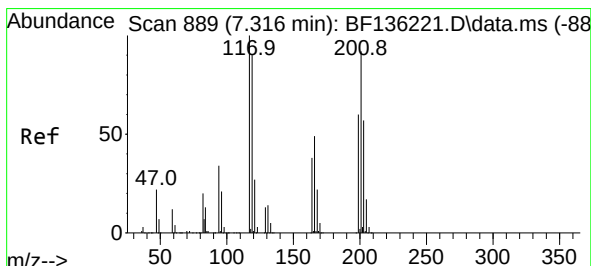
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



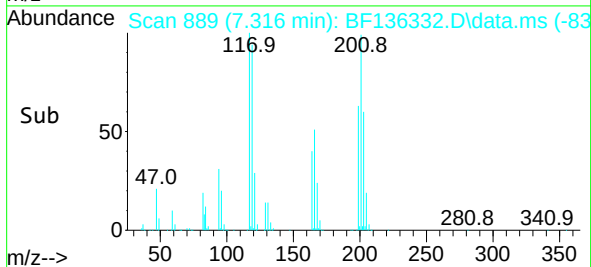
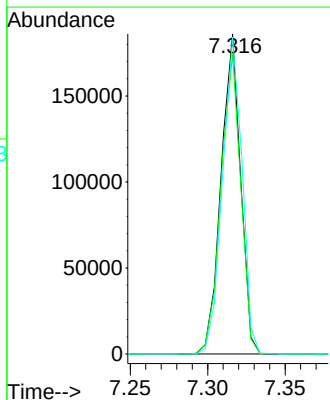
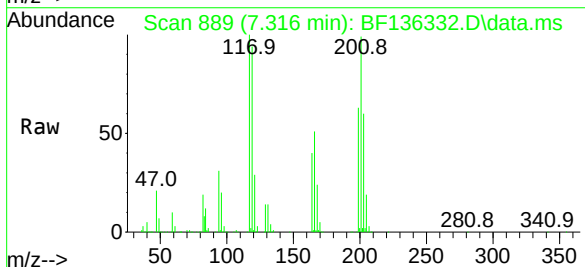
12/04/2023
Supervised By :mohammad
ahmed

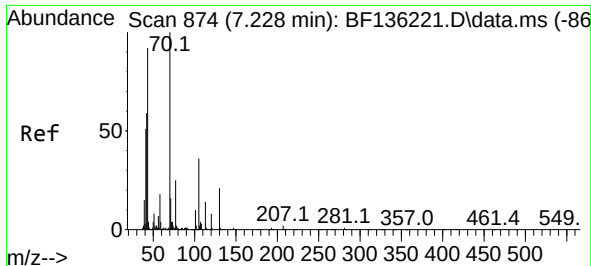
12/05/2023



#18
Hexachloroethane
Concen: 37.103 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

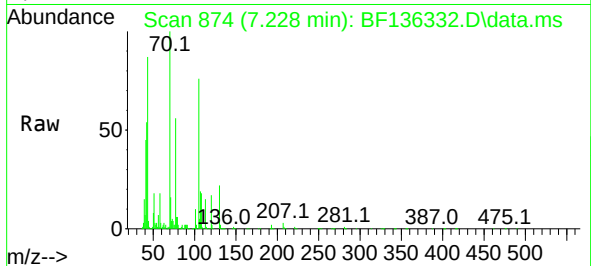
Tgt Ion:117 Resp: 162292
Ion Ratio Lower Upper
117 100
119 93.8 71.6 107.4
201 99.0 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.715 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

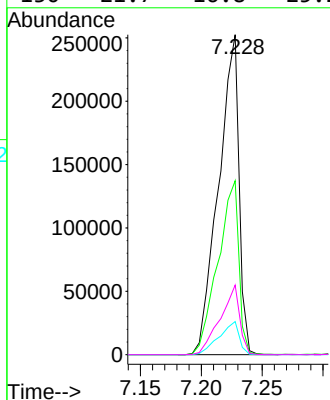
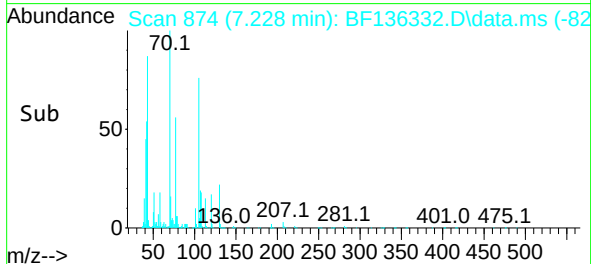
Instrument :
BNA_F
ClientSampleId :
PB157138BS



Tgt Ion: 70 Resp: 29484
Ion Ratio Lower Upper
70 100
42 54.4 47.0 70.4
101 10.4 7.8 11.8
130 21.7 16.8 25.2

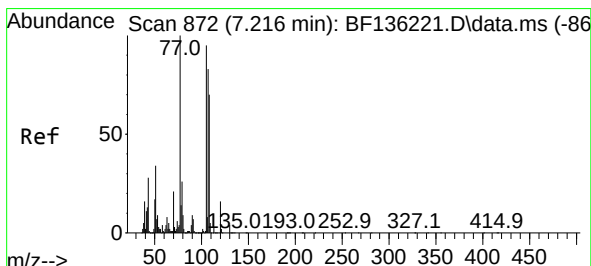
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Supervised By :mohammad ahmed 12/05/2023

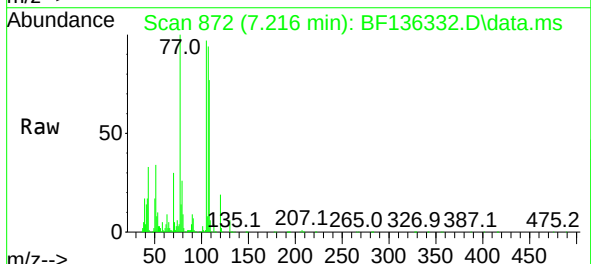


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Supervised By :mohammad
ahmed

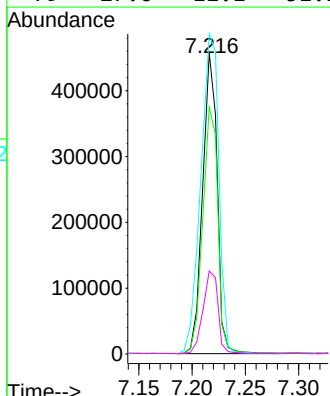
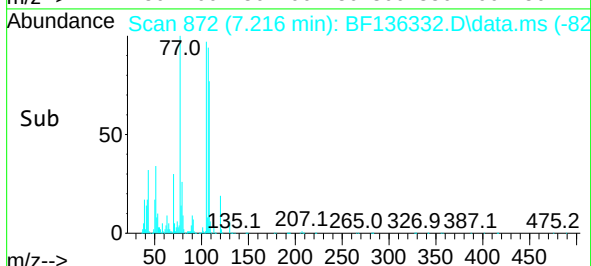
12/05/2023

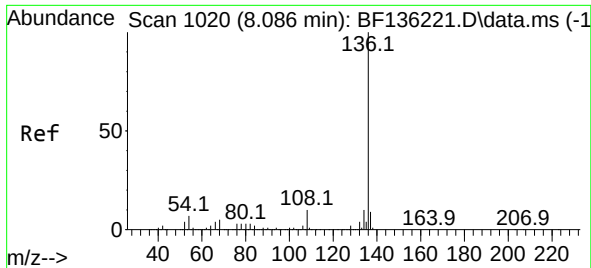


#20
3+4-Methylphenols
Concen: 39.292 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



Tgt Ion:107 Resp: 433947
Ion Ratio Lower Upper
107 100
108 81.9 63.9 103.9
77 106.3 100.2 140.2
79 27.6 11.1 51.1





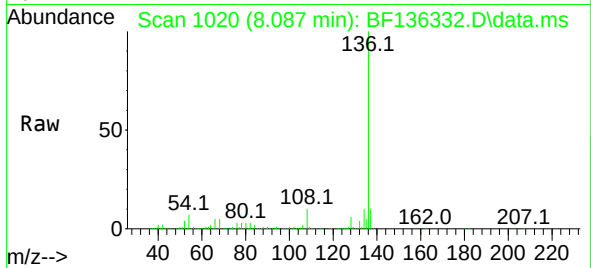
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS



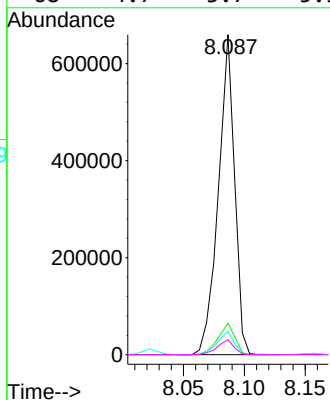
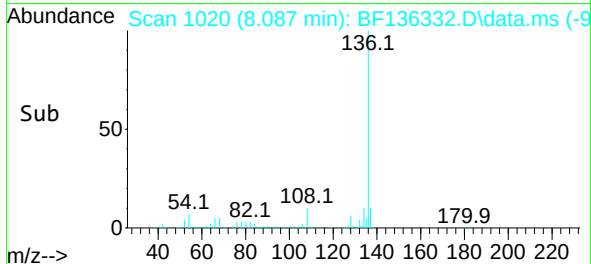
Tgt Ion:136 Resp: 613120
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 7.2 5.5 8.3
68 4.7 3.7 5.5

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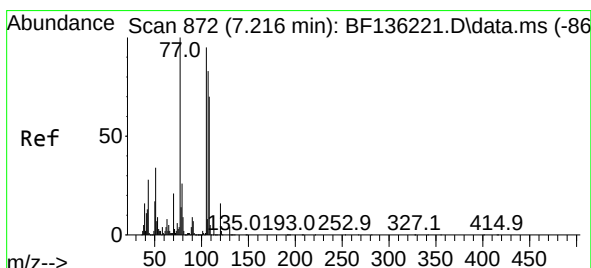
Supervised By :mohammad ahmed 12/05/2023



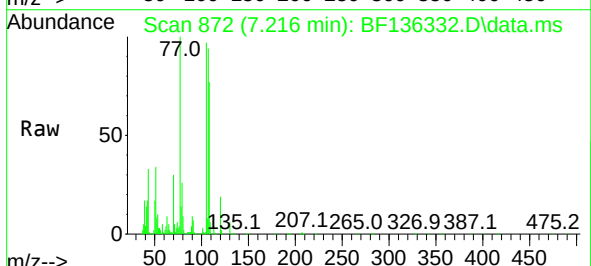
12/04/2023

Supervised By :mohammad
ahmed

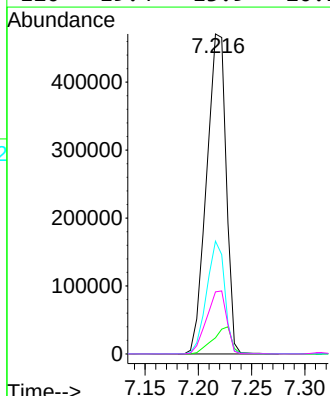
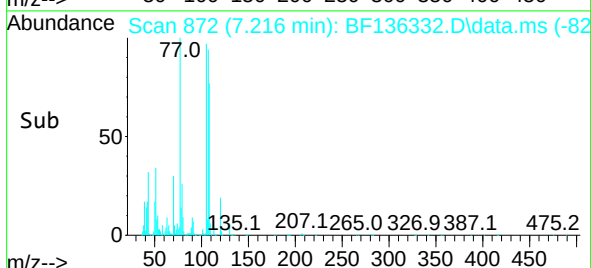
12/05/2023

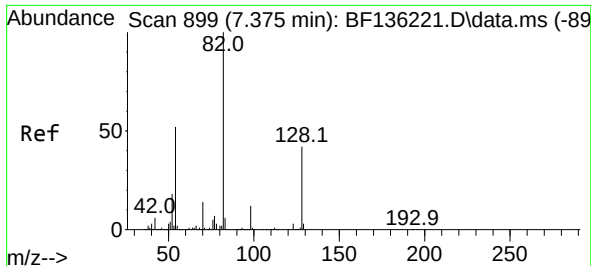


#22
Acetophenone
Concen: 37.477 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



Tgt Ion:105 Resp: 603475
Ion Ratio Lower Upper
105 100
71 5.1 2.8 4.2#
51 35.3 29.0 43.6
120 19.4 13.9 20.9





#23

Nitrobenzene-d5

Concen: 71.900 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNF

ClientSampleId :

PB157138BS

Tgt Ion: 82 Resp: 83422

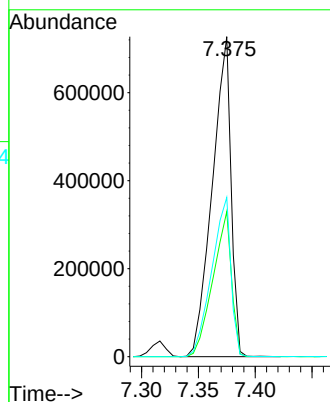
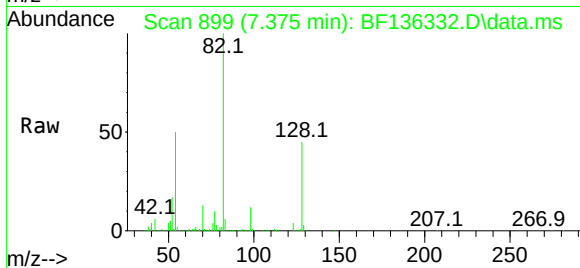
Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.4	50.2
54	49.7	41.7	62.5

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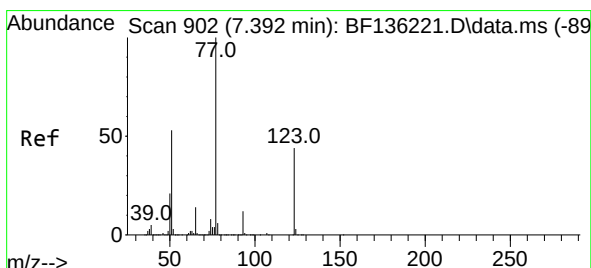
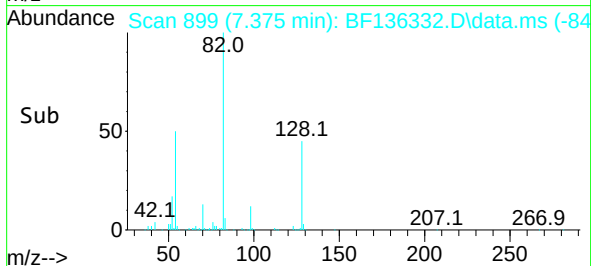
Supervised By :mohammad ahmed 12/05/2023



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Supervised By :mohammad
ahmed

12/05/2023



#24

Nitrobenzene

Concen: 36.608 ng

RT: 7.393 min Scan# 902

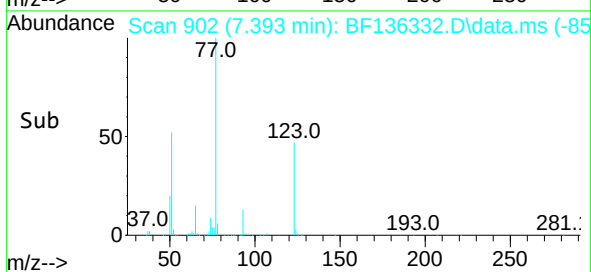
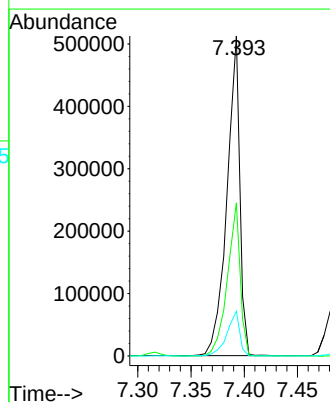
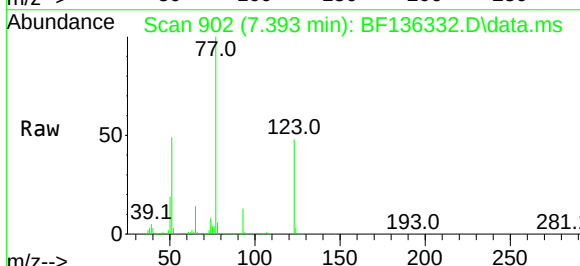
Delta R.T. 0.000 min

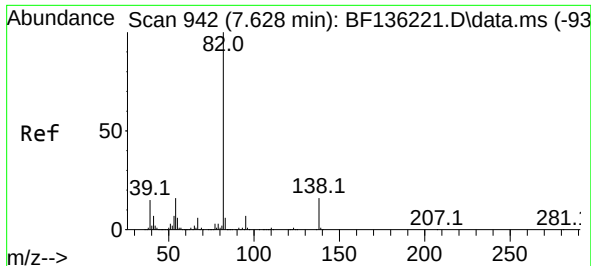
Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Tgt Ion: 77 Resp: 430430

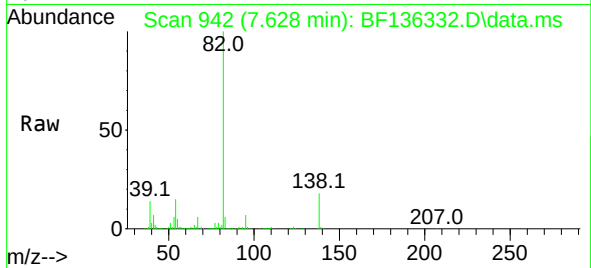
Ion	Ratio	Lower	Upper
77	100		
123	47.8	35.4	53.2
65	14.0	11.0	16.6





#25
Isophorone
Concen: 38.422 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

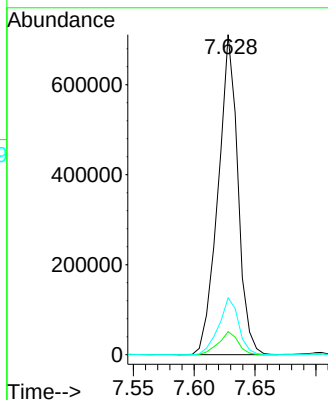
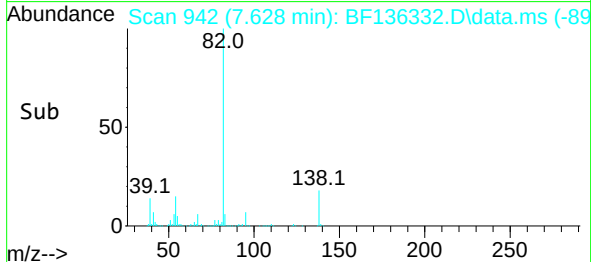
Instrument :
BNA_F
ClientSampleId :
PB157138BS



Tgt Ion: 82 Resp: 803835
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.7 12.8 19.2

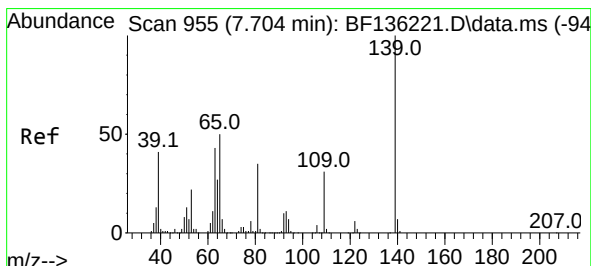
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Supervised By :mohammad ahmed 12/05/2023

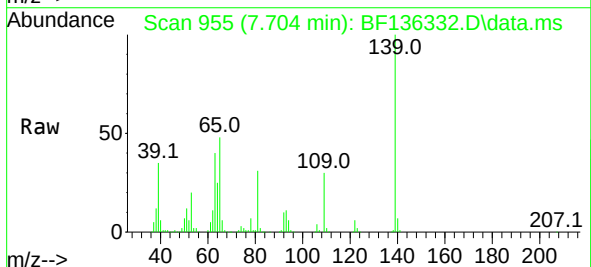


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Supervised By :mohammad
ahmed

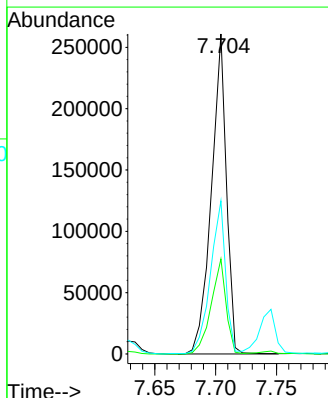
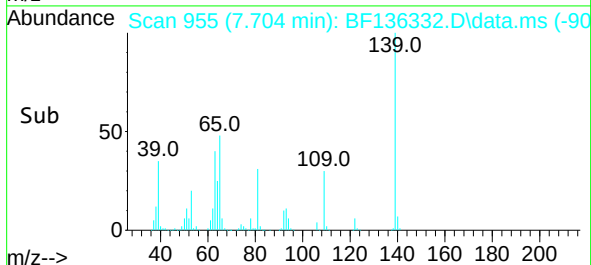
12/05/2023

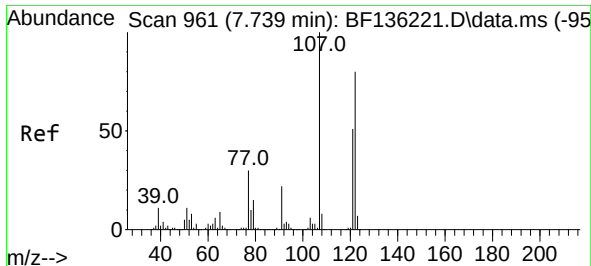


#26
2-Nitrophenol
Concen: 44.890 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



Tgt Ion:139 Resp: 224890
Ion Ratio Lower Upper
139 100
109 29.7 25.0 37.6
65 47.9 40.4 60.6





#27
2,4-Dimethylphenol
Concen: 52.878 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

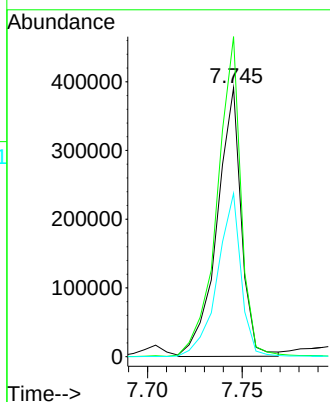
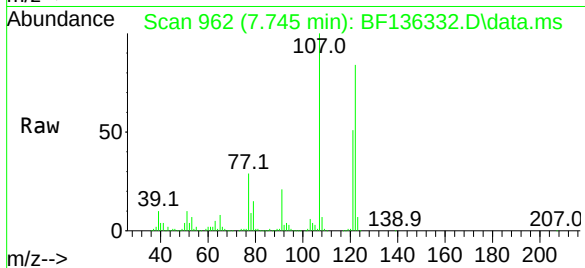
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Tgt Ion:122 Resp: 34867
Ion Ratio Lower Upper
122 100
107 119.0 100.0 150.0
121 60.7 50.7 76.1

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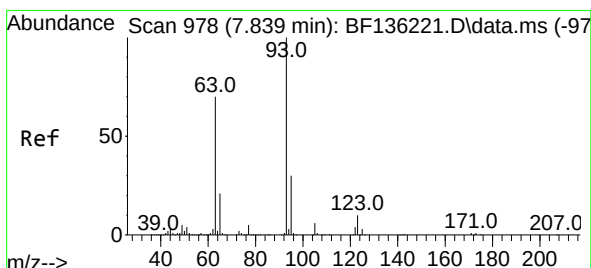
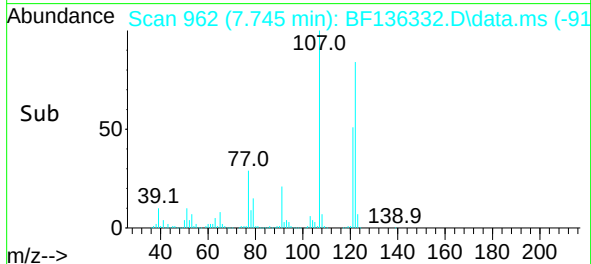
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



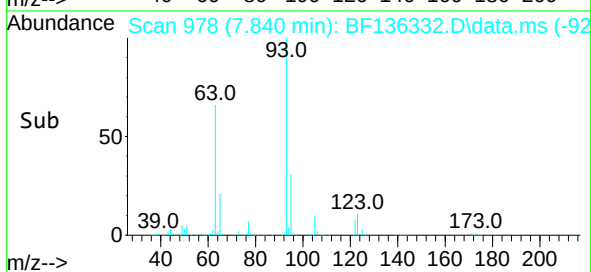
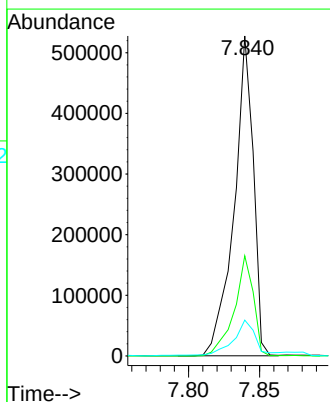
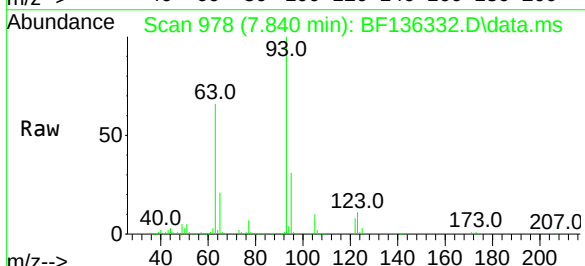
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Supervised By :mohammad
ahmed

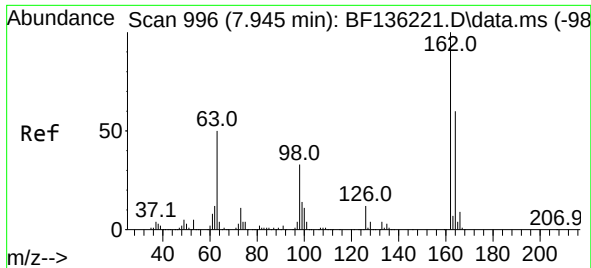
12/05/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.213 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion: 93 Resp: 496230
Ion Ratio Lower Upper
93 100
95 31.3 23.8 35.6
123 11.2 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 41.180 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

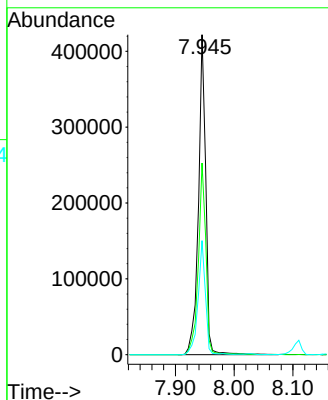
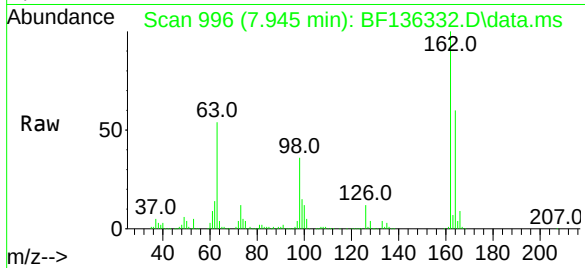
Tgt	Ion:162	Resp:	36625
Ion	Ratio	Lower	Upper
162	100		
164	59.9	40.3	80.3
98	35.6	13.0	53.0

Manual Integrations

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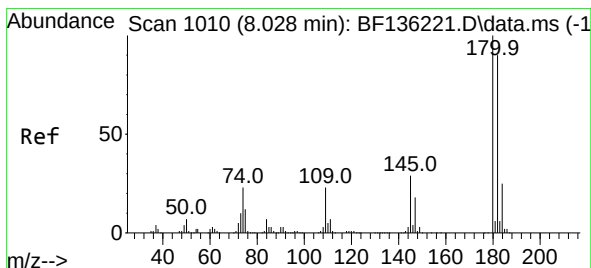
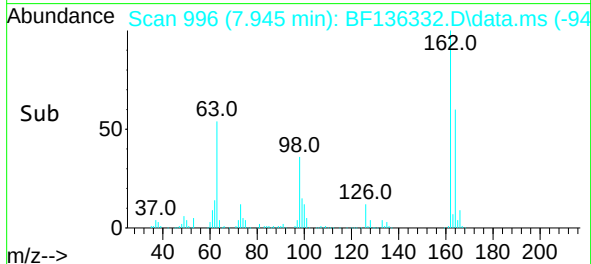
Supervised By :mohammad ahmed 12/05/2023



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Supervised By :mohammad
ahmed

12/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.039 ng

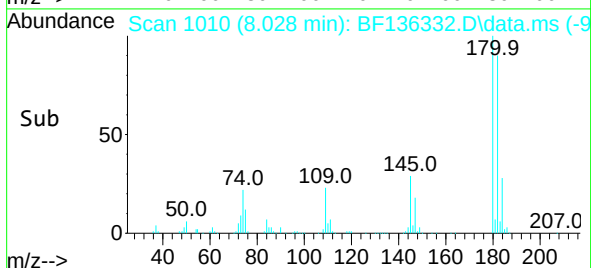
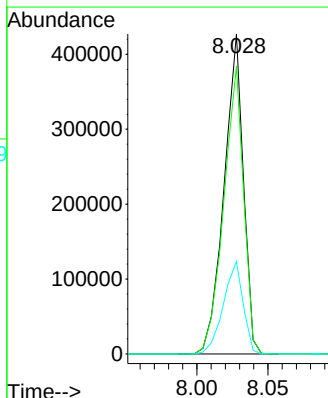
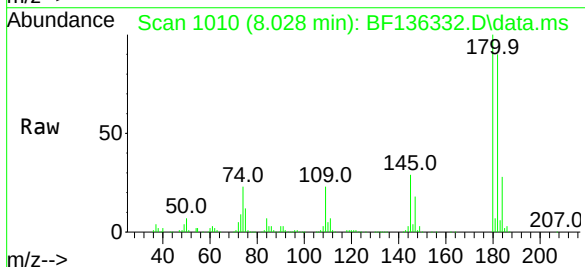
RT: 8.028 min Scan# 1010

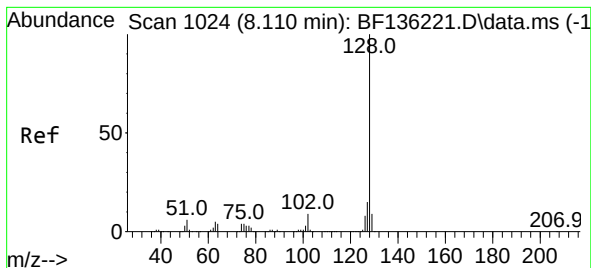
Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Tgt Ion:180	Resp: 403318
Ion Ratio	Lower Upper
180 100	
182 90.0	71.6 107.4
145 28.9	23.0 34.4





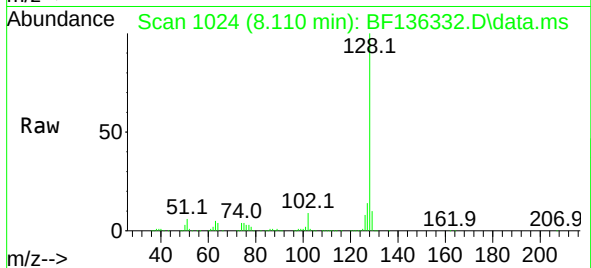
#31
Naphthalene
Concen: 37.901 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNF_F

ClientSampleId :

PB157138BS



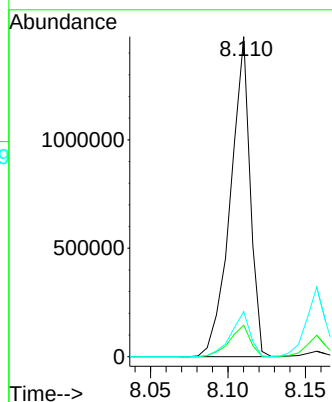
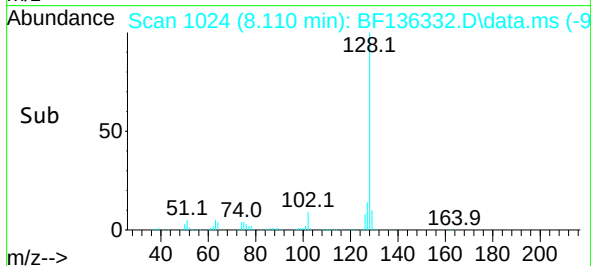
Tgt Ion:128 Resp: 130614
Ion Ratio Lower Upper
128 100
129 9.8 7.3 10.9
127 14.1 11.8 17.6

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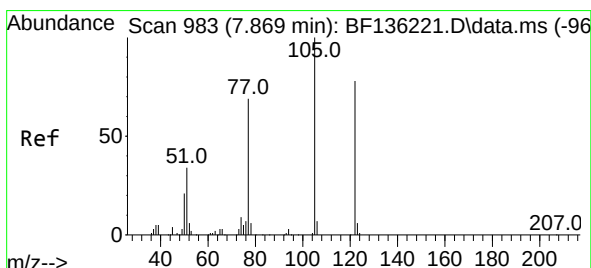
Supervised By :mohammad ahmed 12/05/2023



12/04/2023

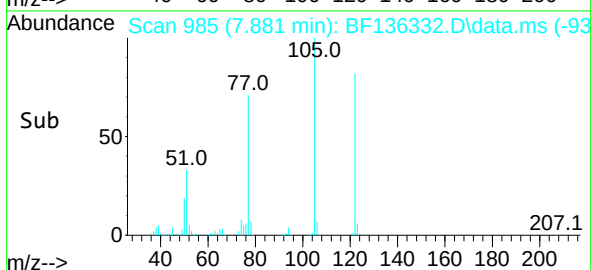
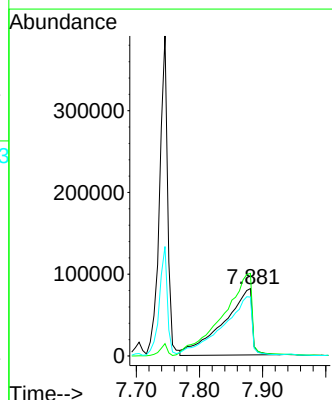
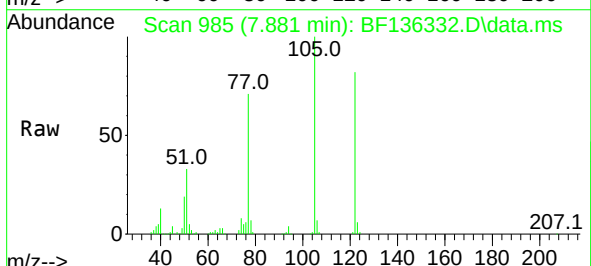
Supervised By :mohammad
ahmed

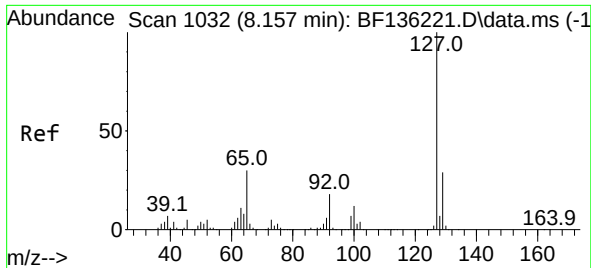
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#32
Benzoic acid
Concen: 42.963 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:122 Resp: 258186
Ion Ratio Lower Upper
122 100
105 122.5 103.7 143.7
77 87.4 66.8 106.8





#33
4-Chloroaniline
Concen: 24.048 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

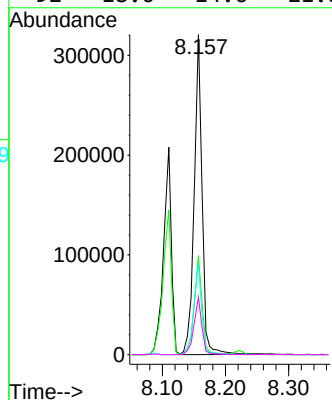
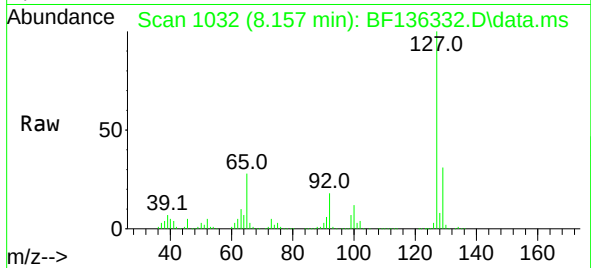
Tgt Ion:127 Resp: 281700
Ion Ratio Lower Upper
127 100
129 31.0 23.4 35.2
65 28.4 23.8 35.6
92 18.0 14.6 21.8

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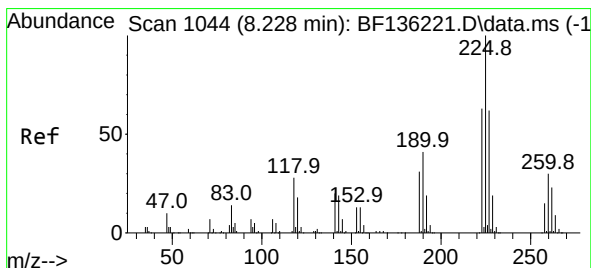
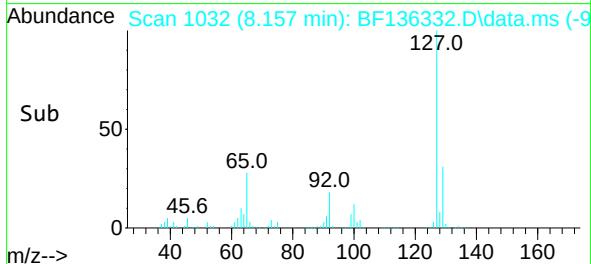
Supervised By :mohammad ahmed 12/05/2023



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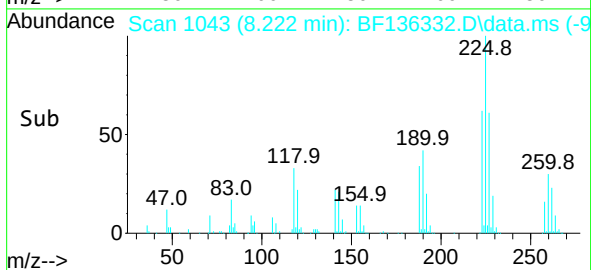
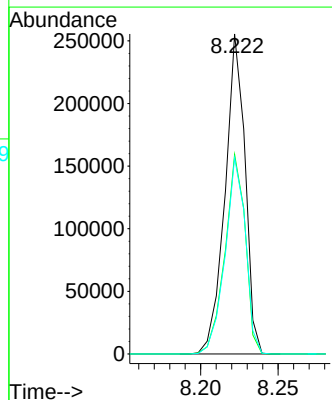
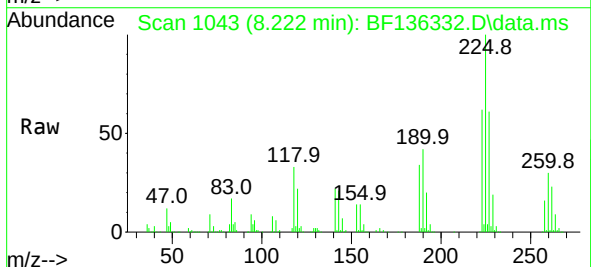
Supervised By :mohammad
ahmed

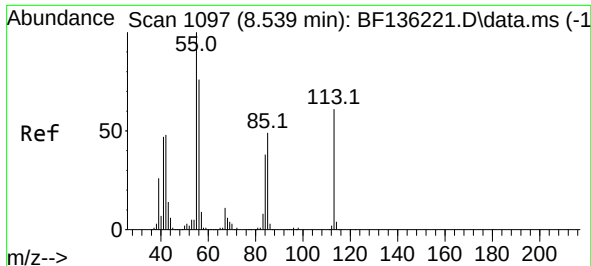
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#34
Hexachlorobutadiene
Concen: 36.052 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

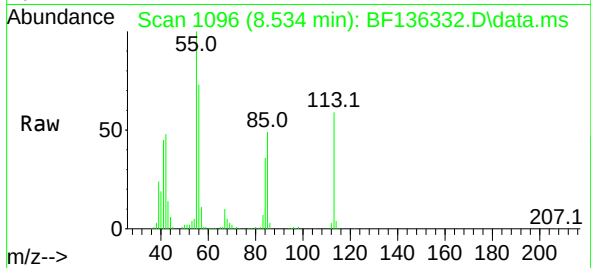
Tgt Ion:225 Resp: 229672
Ion Ratio Lower Upper
225 100
223 62.4 50.6 75.8
227 61.3 49.6 74.4





#35
Caprolactam
Concen: 42.247 ng m
RT: 8.534 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

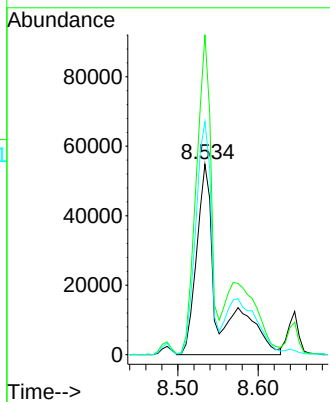
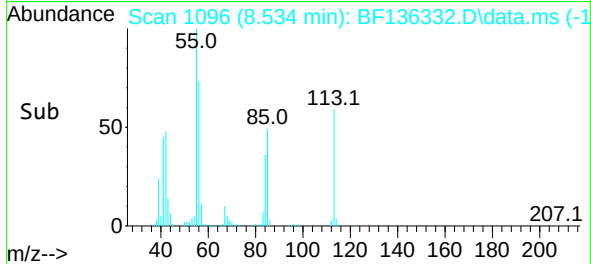
Instrument :
BNA_F
ClientSampleId :
PB157138BS



Tgt Ion:113 Resp: 10504
Ion Ratio Lower Upper
113 100
55 168.1 143.1 183.1
56 122.4 103.6 143.6

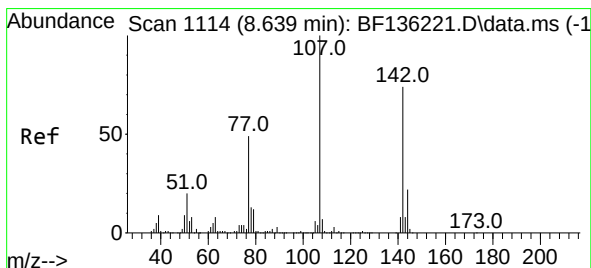
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Supervised By :mohammad ahmed 12/05/2023



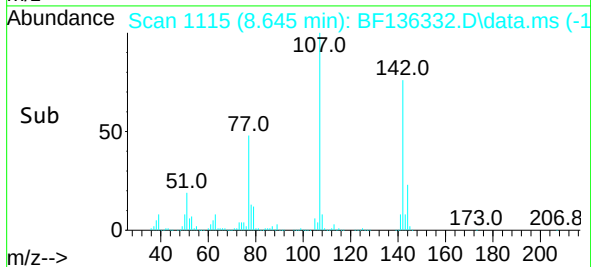
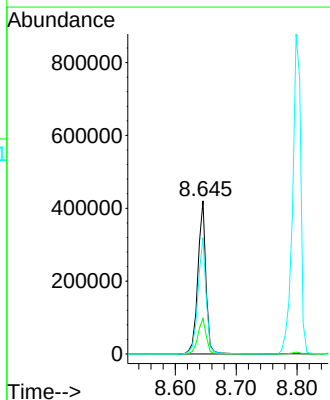
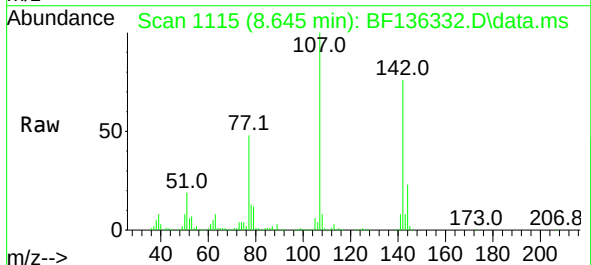
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Supervised By :mohammad
ahmed

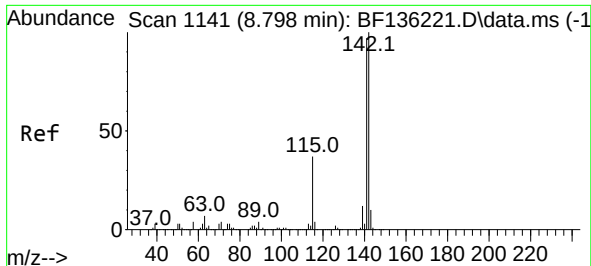
12/05/2023



#36
4-Chloro-3-methylphenol
Concen: 40.015 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:107 Resp: 385995
Ion Ratio Lower Upper
107 100
144 23.2 17.8 26.8
142 76.0 59.4 89.0





#37
2-Methylnaphthalene
Concen: 37.997 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

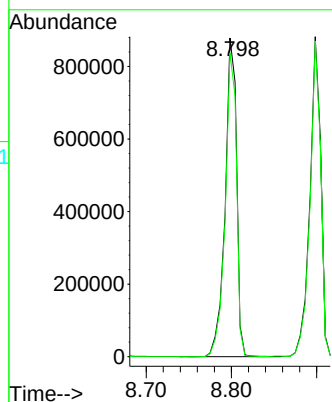
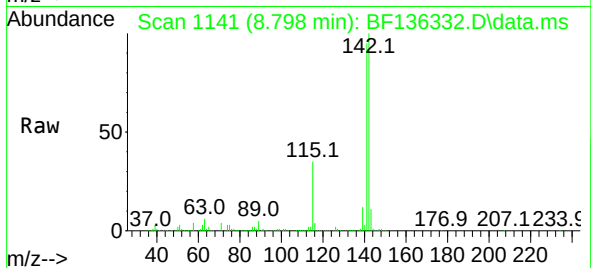
Tgt Ion:142 Resp: 821414
Ion Ratio Lower Upper
142 100
141 95.3 77.8 116.8

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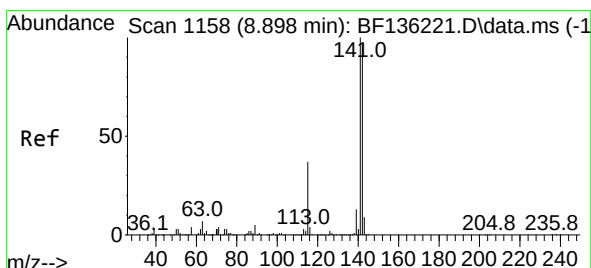
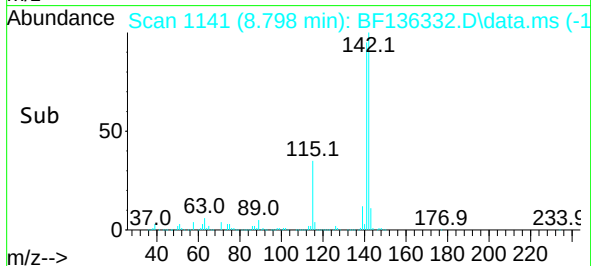
Supervised By :mohammad ahmed 12/05/2023



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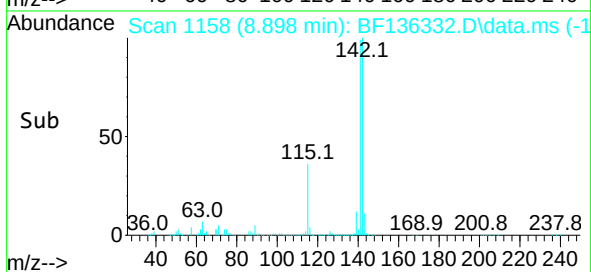
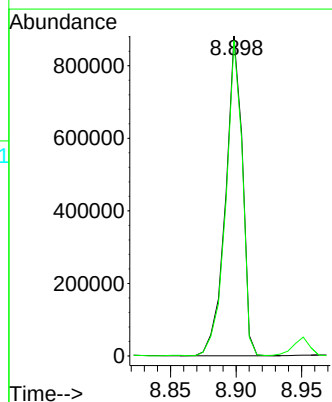
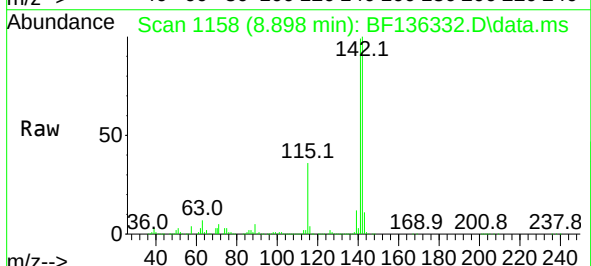
Supervised By :mohammad
ahmed

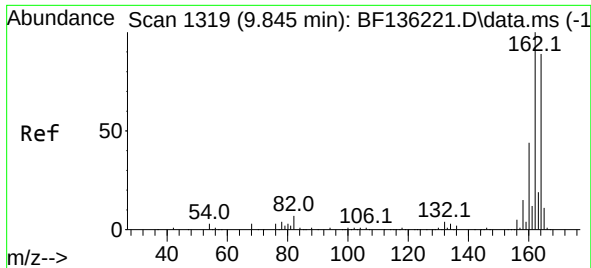
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#38
1-Methylnaphthalene
Concen: 37.269 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:142 Resp: 785945
Ion Ratio Lower Upper
142 100
141 98.5 83.8 125.6





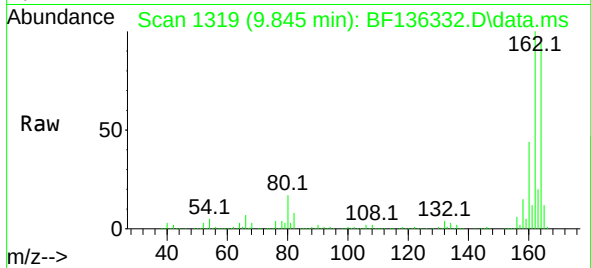
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNF_F

ClientSampleId :

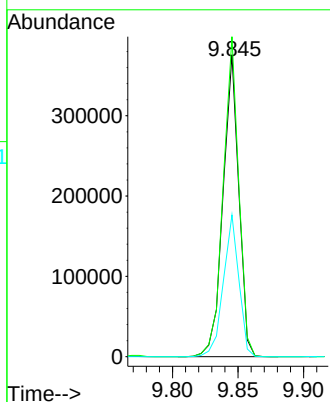
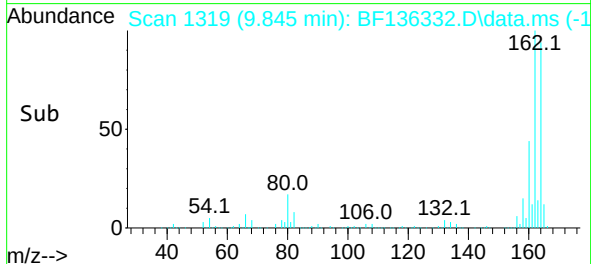
PB157138BS



Tgt Ion:164 Resp: 314144
Ion Ratio Lower Upper
164 100
162 106.0 89.5 134.3
160 47.0 39.6 59.4

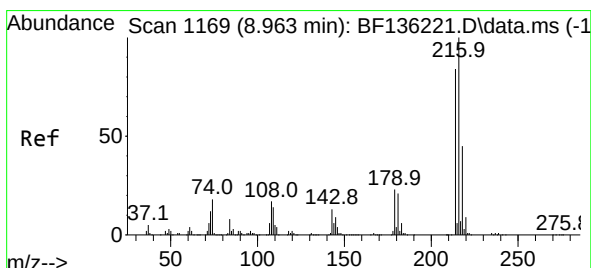
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Supervised By :mohammad ahmed 12/05/2023

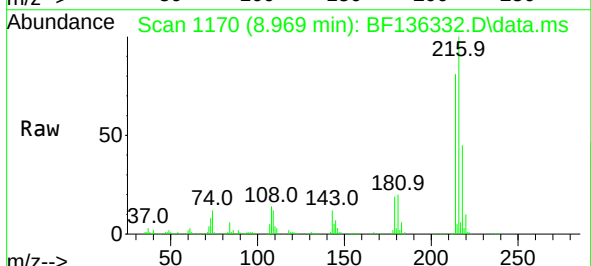


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Supervised By :mohammad
ahmed

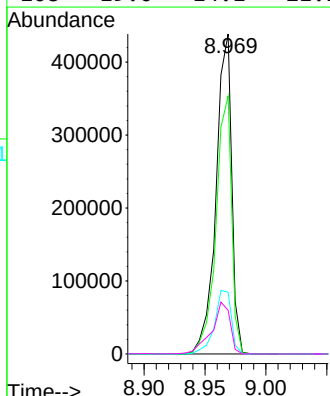
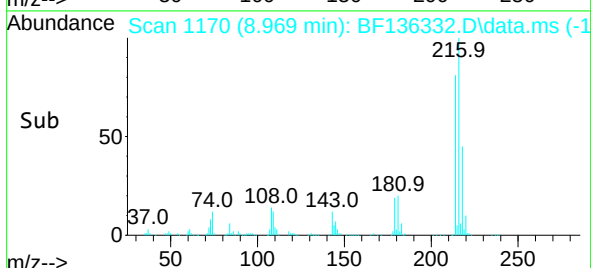
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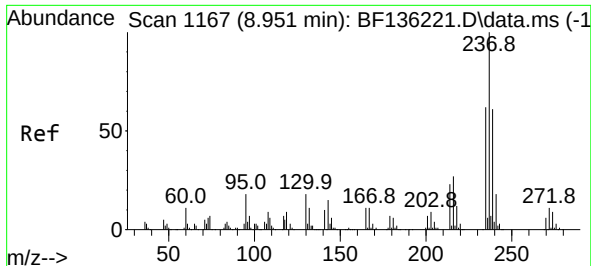


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.305 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



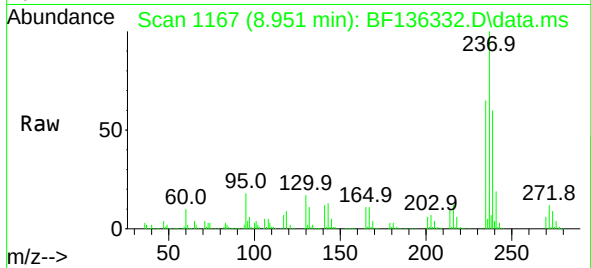
Tgt Ion:216 Resp: 392956
Ion Ratio Lower Upper
216 100
214 80.4 65.8 98.8
179 21.3 17.4 26.0
108 19.0 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 100.393 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

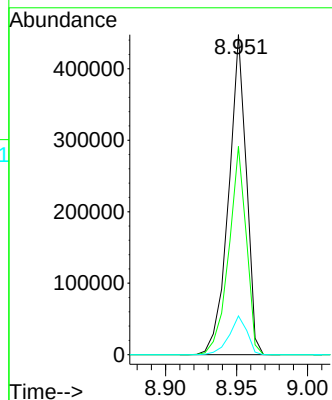
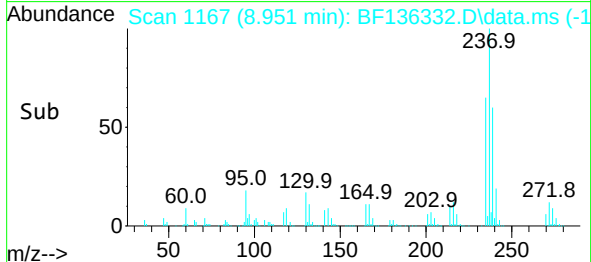
Instrument :
BNA_F
ClientSampleId :
PB157138BS



Tgt Ion:237 Resp: 386209
Ion Ratio Lower Upper
237 100
235 65.1 42.1 82.1
272 12.1 0.0 31.0

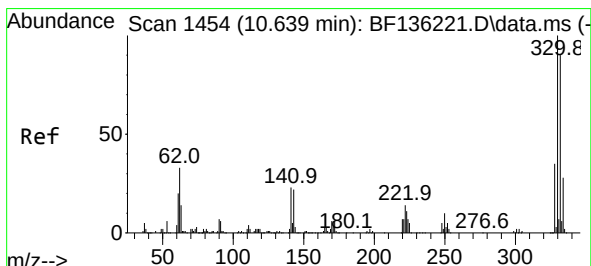
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

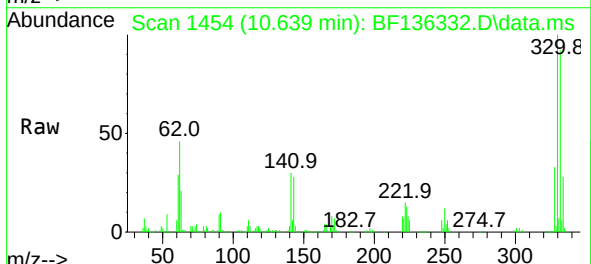


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ahmed

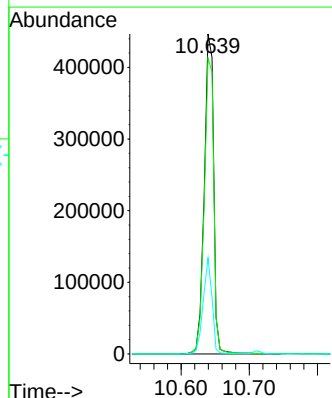
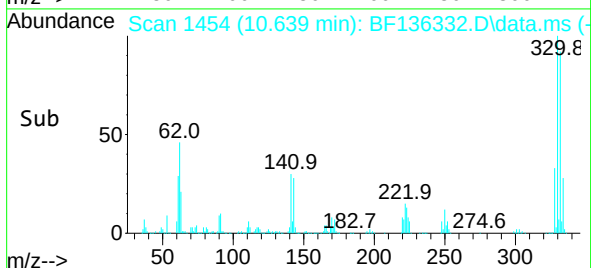
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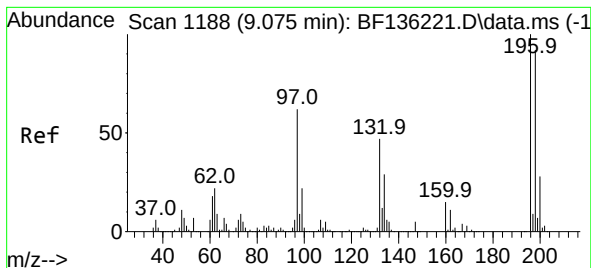


#42
2,4,6-Tribromophenol
Concen: 111.867 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



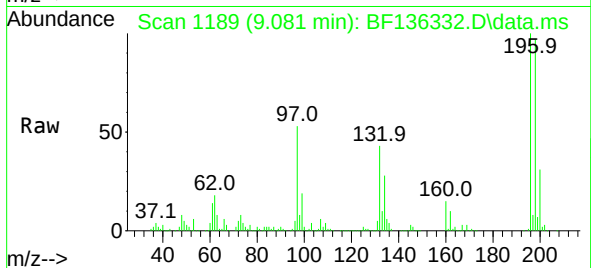
Tgt Ion:330 Resp: 429646
Ion Ratio Lower Upper
330 100
332 94.0 73.0 109.6
141 28.4 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 40.746 ng
RT: 9.081 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

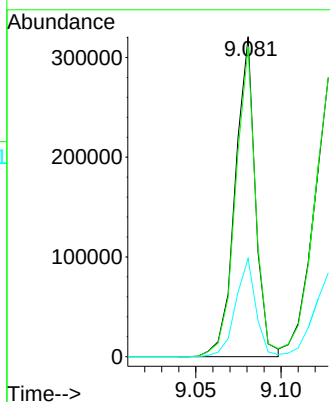
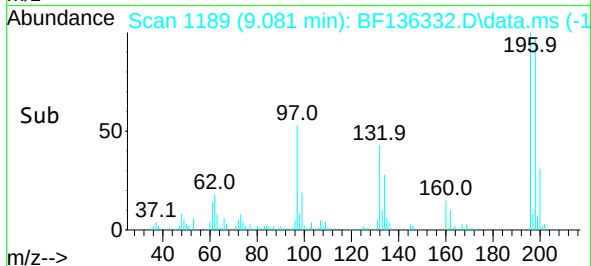
Instrument :
BNA_F
ClientSampleId :
PB157138BS



Tgt Ion:196 Resp: 264409
Ion Ratio Lower Upper
196 100
198 96.9 73.2 109.8
200 30.7 22.4 33.6

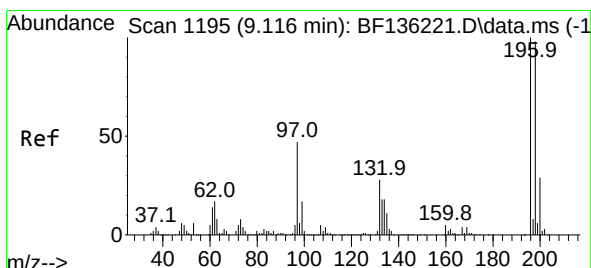
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

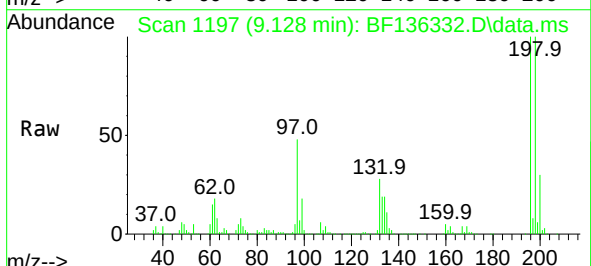


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Supervised By :mohammad
ahmed

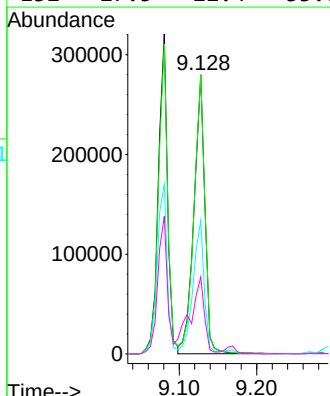
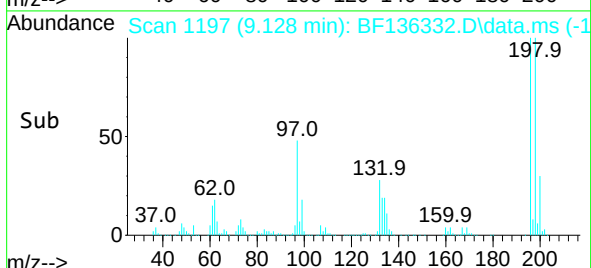
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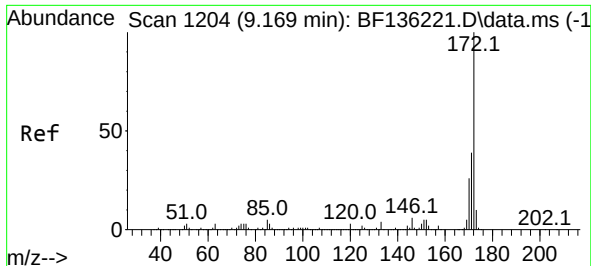


#44
2,4,5-Trichlorophenol
Concen: 39.018 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.012 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



Tgt Ion:196 Resp: 276311
Ion Ratio Lower Upper
196 100
198 99.9 78.8 118.2
97 47.9 37.8 56.8
132 27.5 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 71.458 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

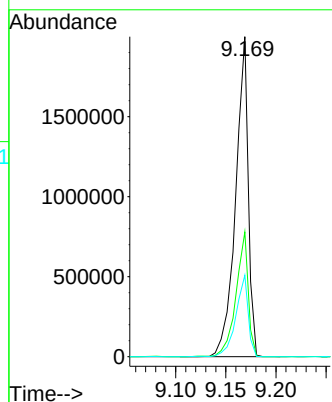
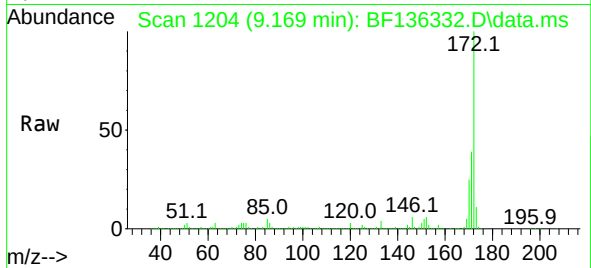
Tgt Ion:172 Resp: 1757454
Ion Ratio Lower Upper
172 100
171 39.0 31.5 47.3
170 25.5 20.8 31.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/04/2023

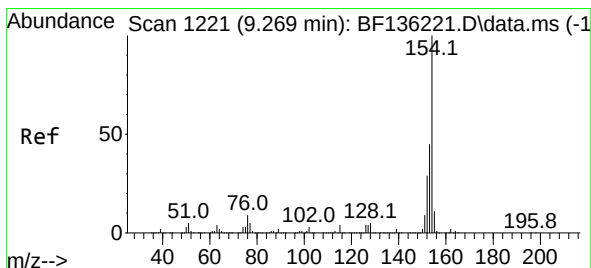
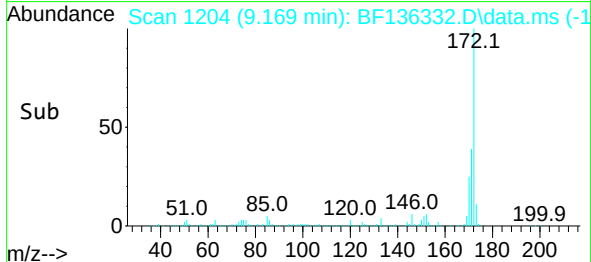
Supervised By :mohammad ahmed 12/05/2023



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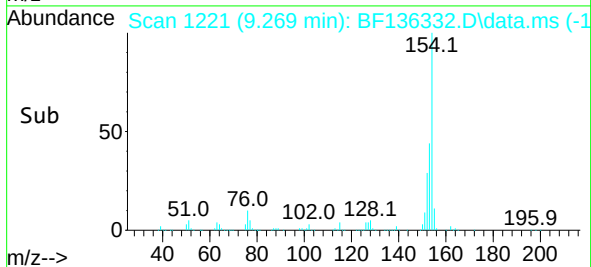
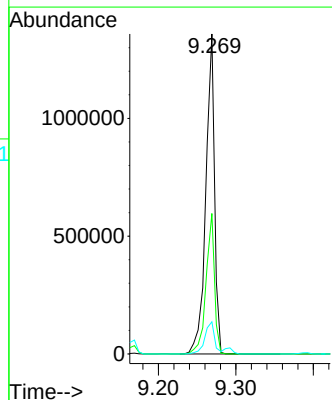
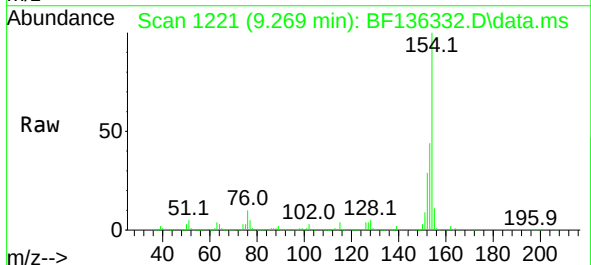
Supervised By :mohammad
ahmed

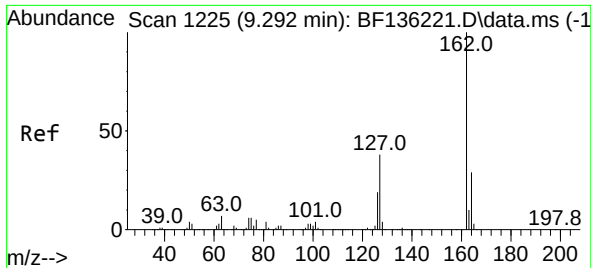
12/05/2023



#46
1,1'-Biphenyl
Concen: 38.285 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:154 Resp: 1060605
Ion Ratio Lower Upper
154 100
153 43.9 24.6 64.6
76 10.1 0.0 29.4





#47

2-Chloronaphthalene

Concen: 37.368 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

Tgt Ion:162 Resp: 803918

Ion Ratio Lower Upper

162 100

127 38.5 30.2 45.2

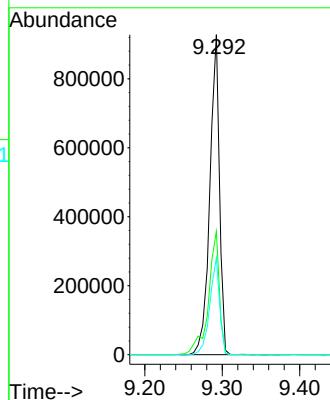
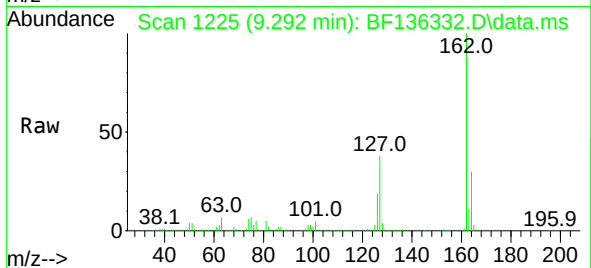
164 30.3 22.8 34.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/04/2023

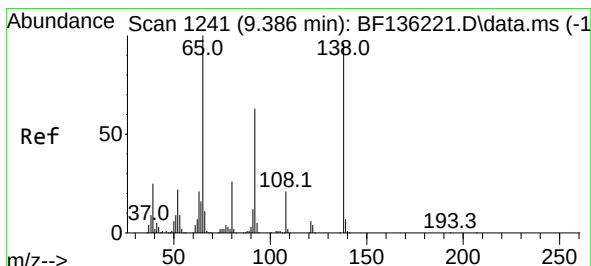
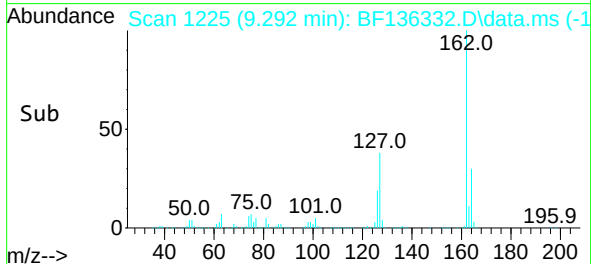
Supervised By :mohammad ahmed 12/05/2023



12/04/2023

Supervised By :mohammad
ahmed

12/05/2023



#48

2-Nitroaniline

Concen: 40.115 ng

RT: 9.392 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

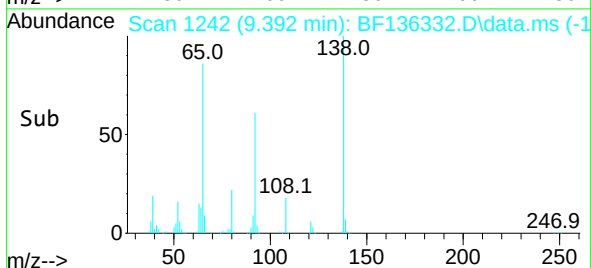
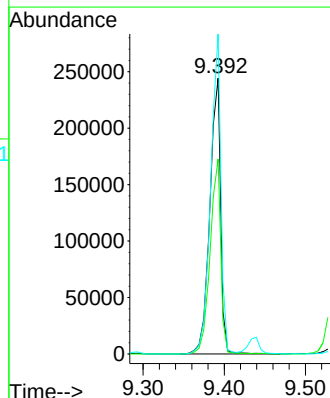
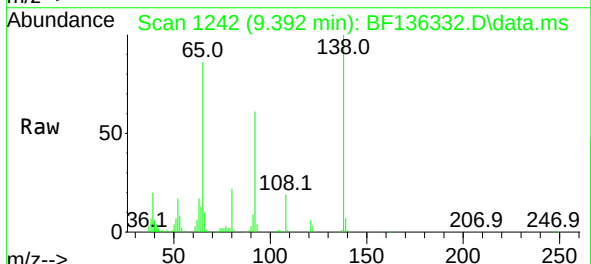
Tgt Ion: 65 Resp: 225322

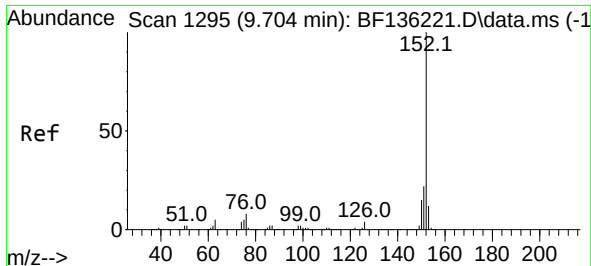
Ion Ratio Lower Upper

65 100

92 70.7 50.6 75.8

138 116.0 76.7 115.1#





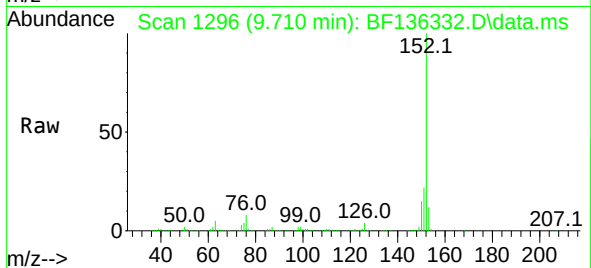
#49
Acenaphthylene
Concen: 40.609 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

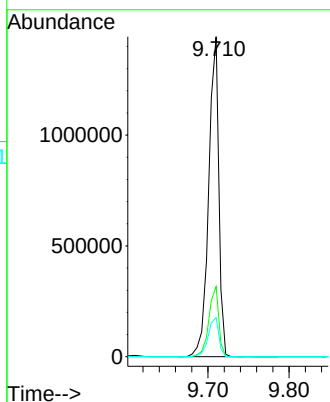
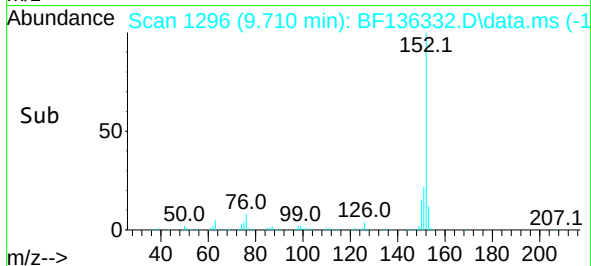
PB157138BS



Tgt Ion:152 Resp: 124674
Ion Ratio Lower Upper
152 100
151 21.9 17.5 26.3
153 12.2 9.6 14.4

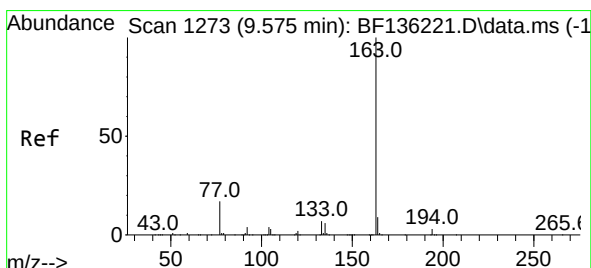
Manual Integrations
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

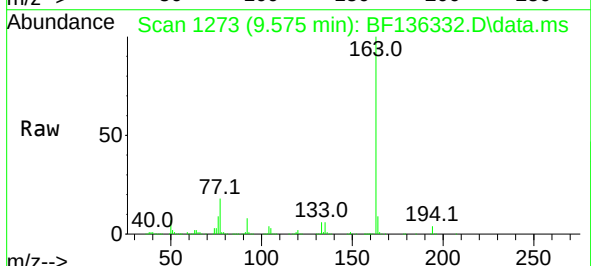


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ahmed

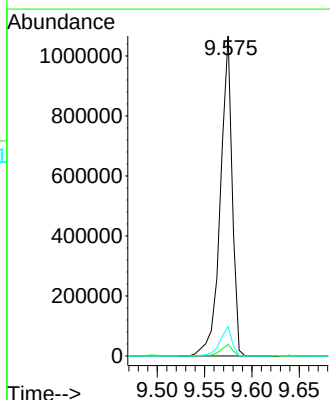
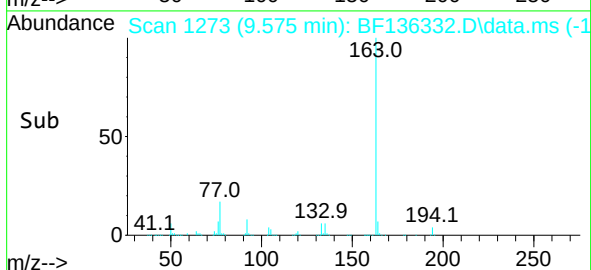
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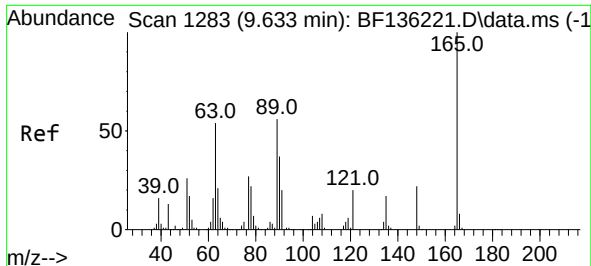


#50
Dimethylphthalate
Concen: 39.037 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



Tgt Ion:163 Resp: 926871
Ion Ratio Lower Upper
163 100
194 3.6 2.5 3.7
164 9.1 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 40.607 ng

RT: 9.634 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

Tgt Ion:165 Resp: 196969

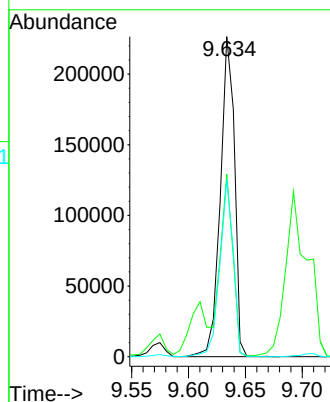
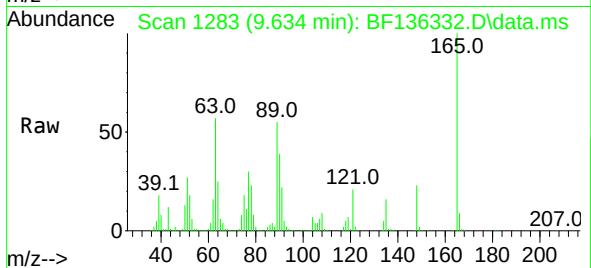
Ion	Ratio	Lower	Upper
165	100		
63	57.1	46.2	69.2
89	55.4	44.9	67.3

Manual Integrations

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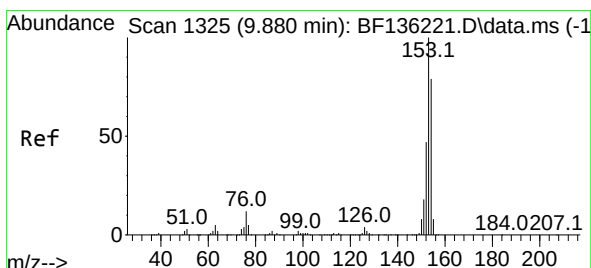
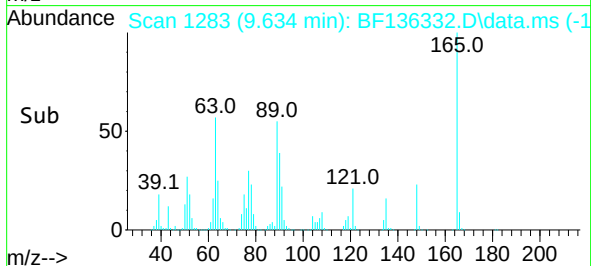
Supervised By :mohammad ahmed 12/05/2023



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Supervised By :mohammad
ahmed

12/05/2023



#52

Acenaphthene

Concen: 37.937 ng

RT: 9.881 min Scan# 1325

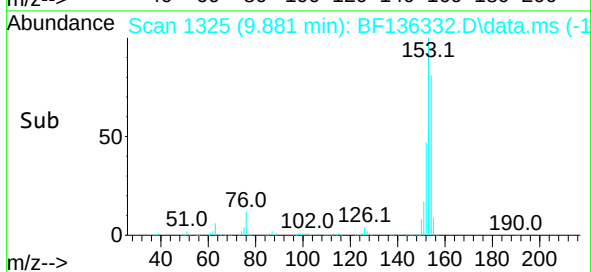
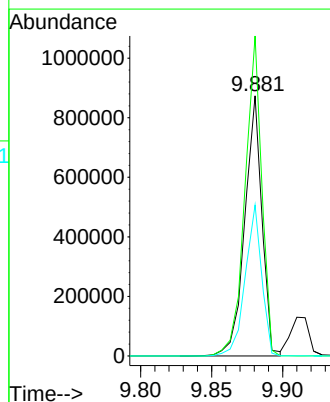
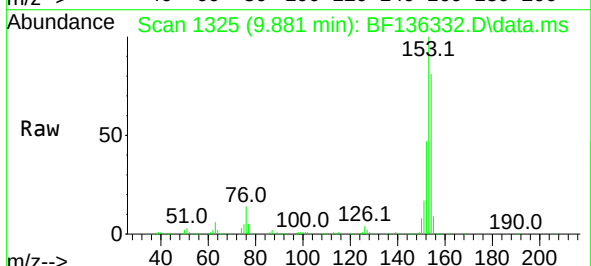
Delta R.T. 0.000 min

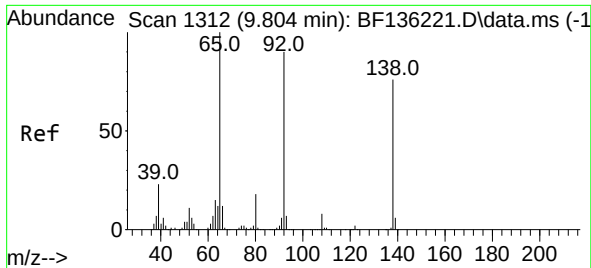
Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Tgt Ion:154 Resp: 736039

Ion	Ratio	Lower	Upper
154	100		
153	123.0	100.8	151.2
152	58.0	47.0	70.6





#53
3-Nitroaniline
Concen: 31.690 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

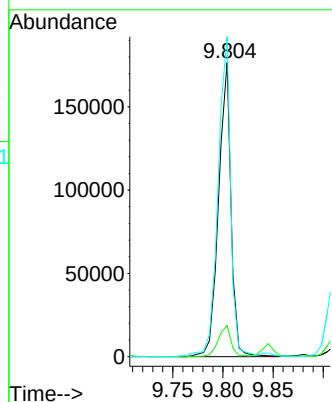
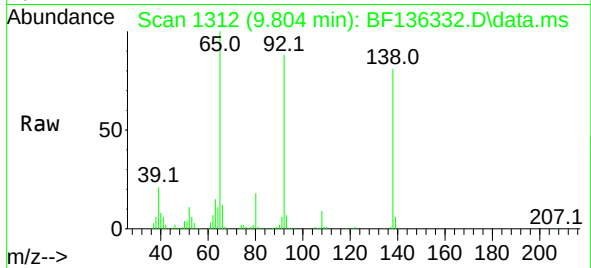
ClientSampleId :

PB157138BS

Tgt Ion:138 Resp: 15252
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 108.8 94.2 141.4

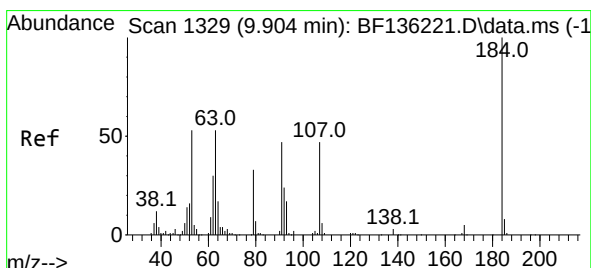
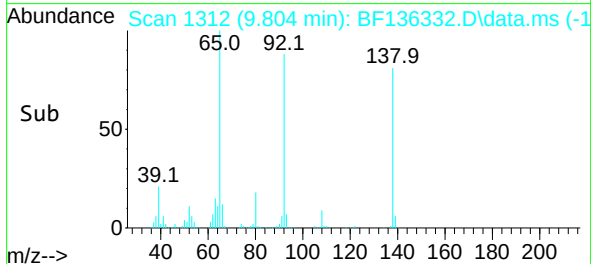
Manual Integrations
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Supervised By :mohammad ahmed 12/05/2023



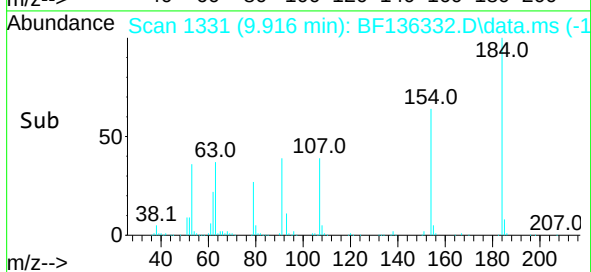
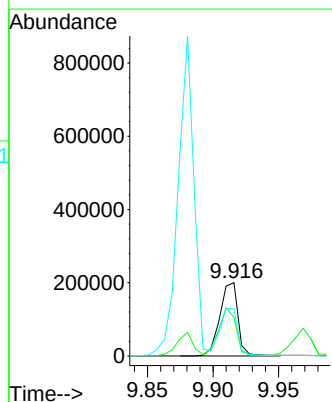
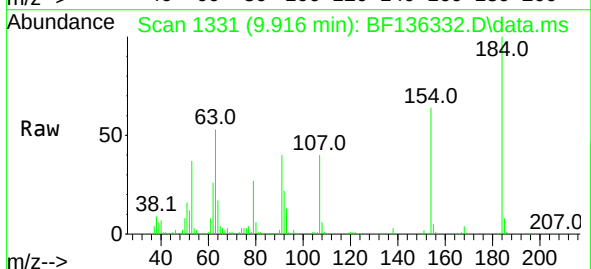
12/04/2023
Supervised By :mohammad
ahmed

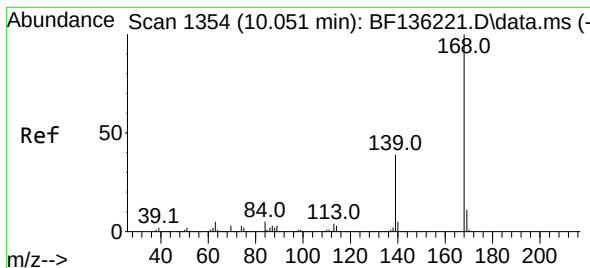
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#54
2,4-Dinitrophenol
Concen: 85.288 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

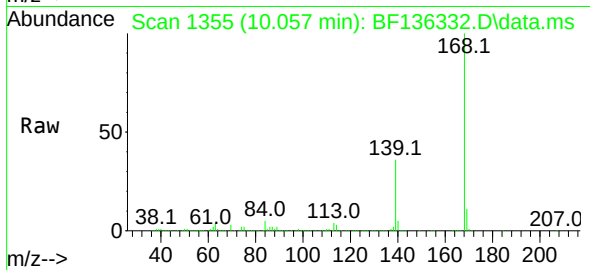
Tgt Ion:184 Resp: 192406
Ion Ratio Lower Upper
184 100
63 52.6 55.0 82.4#
154 64.2 54.9 82.3





#55
Dibenzenofuran
Concen: 39.281 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

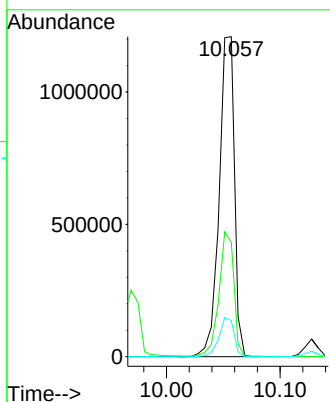
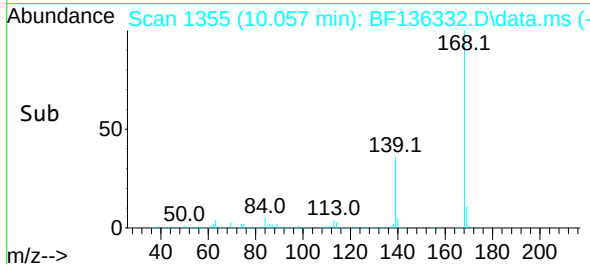
Instrument :
BNA_F
ClientSampleId :
PB157138BS



Tgt Ion:168 Resp: 1134050
Ion Ratio Lower Upper
168 100
139 35.8 30.9 46.3
169 11.3 9.1 13.7

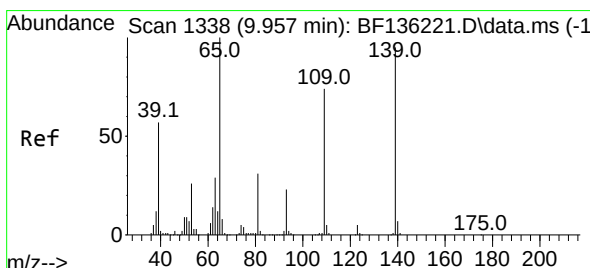
Manual Integrations
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

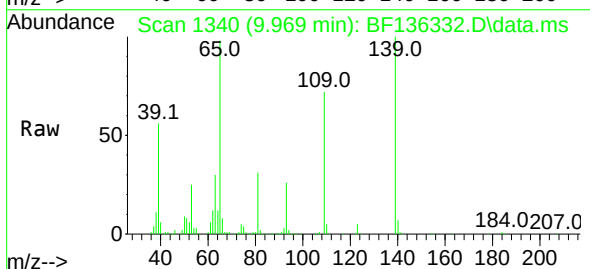


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Supervised By :mohammad
ahmed

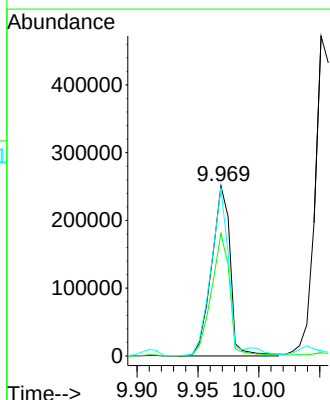
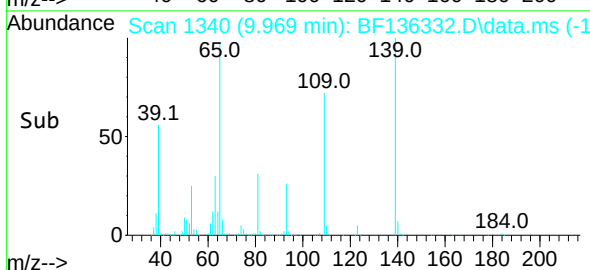
12/05/2023

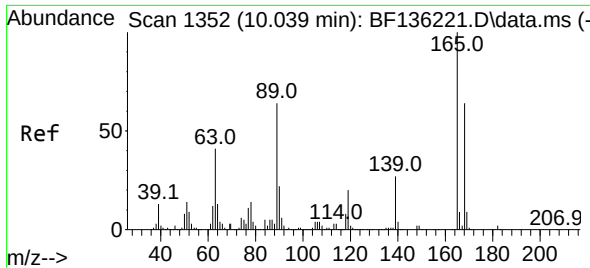


#56
4-Nitrophenol
Concen: 73.024 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



Tgt Ion:139 Resp: 266935
Ion Ratio Lower Upper
139 100
109 71.9 57.8 97.8
65 98.4 86.0 126.0





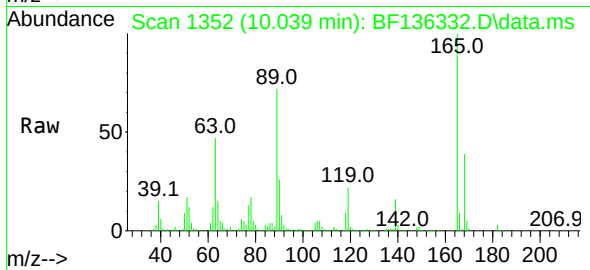
#57
2,4-Dinitrotoluene
Concen: 38.483 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

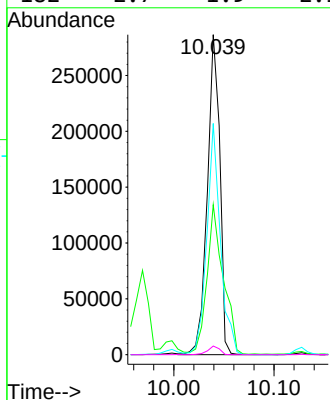
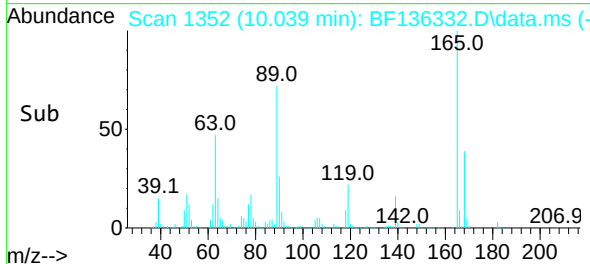
PB157138BS



Tgt Ion:165 Resp: 249344
Ion Ratio Lower Upper
165 100
63 46.9 33.0 49.4
89 72.3 51.5 77.3
182 2.7 1.9 2.9

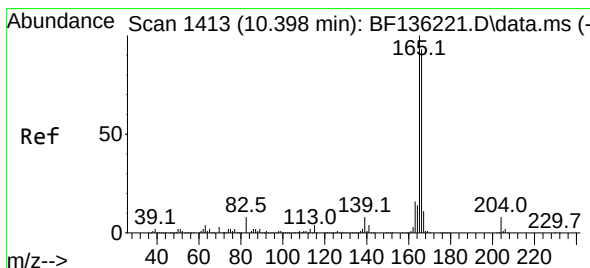
Manual Integrations
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



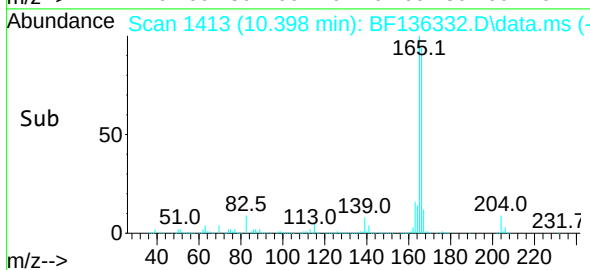
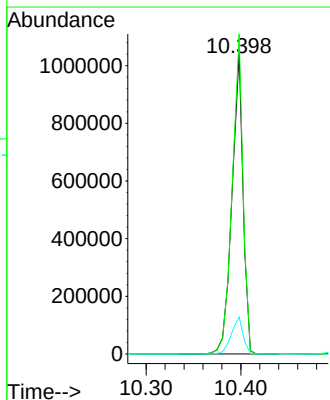
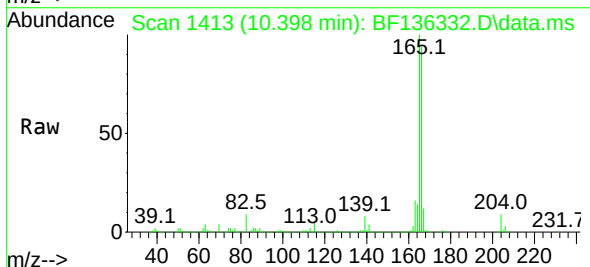
12/04/2023
Supervised By :mohammad
ahmed

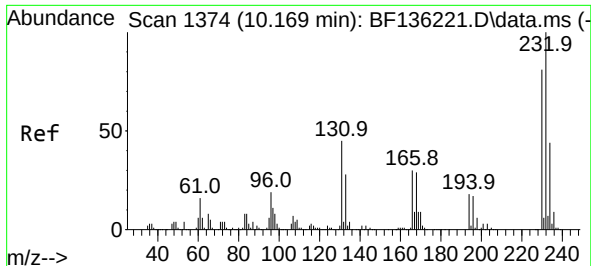
12/05/2023



#58
Fluorene
Concen: 37.515 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

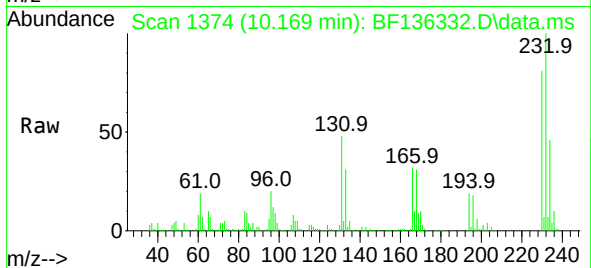
Tgt Ion:166 Resp: 849552
Ion Ratio Lower Upper
166 100
165 106.5 86.2 129.4
167 12.3 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.217 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

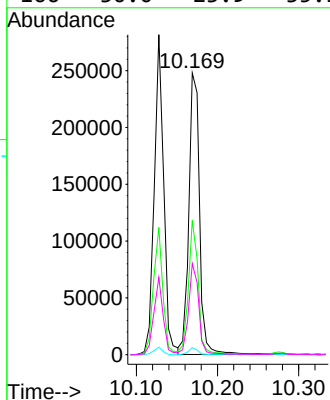
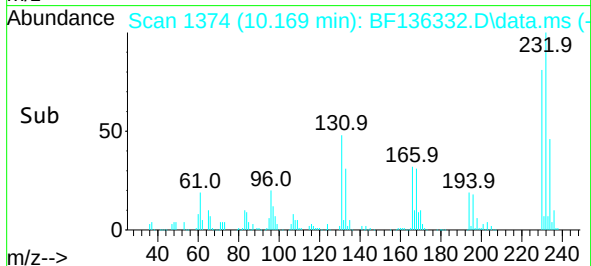
Instrument :
BNA_F
ClientSampleId :
PB157138BS



Tgt Ion:232 Resp: 226600
Ion Ratio Lower Upper
232 100
131 44.4 36.4 54.6
130 2.2 1.9 2.9
166 30.0 23.9 35.9

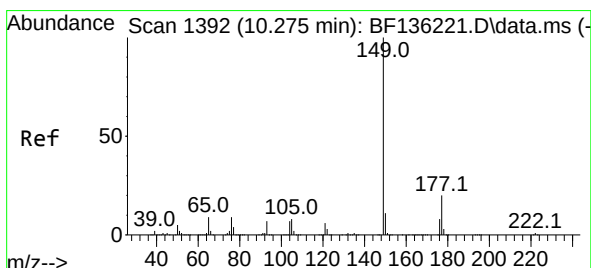
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Supervised By :mohammad ahmed 12/05/2023



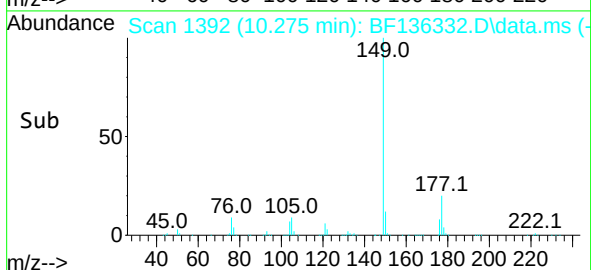
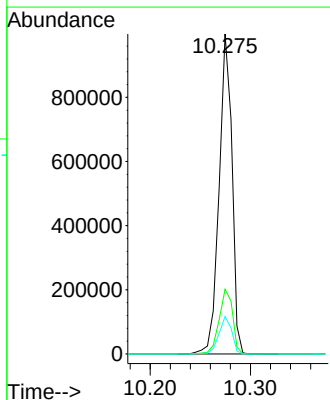
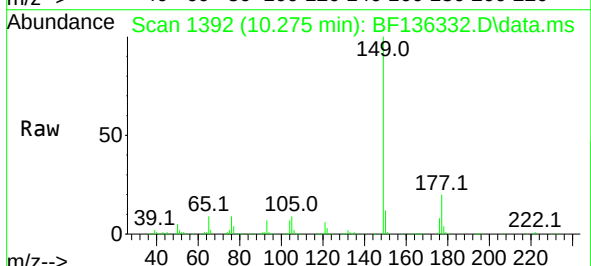
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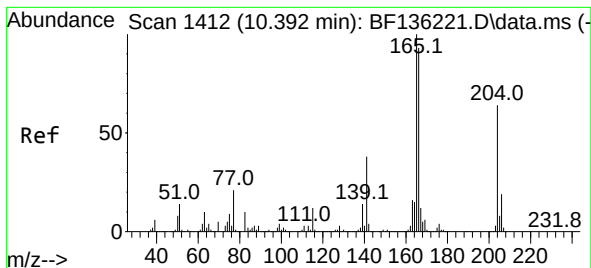
12/05/2023



#60
Diethylphthalate
Concen: 37.397 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:149 Resp: 888217
Ion Ratio Lower Upper
149 100
177 20.3 15.8 23.6
150 11.7 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 37.756 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

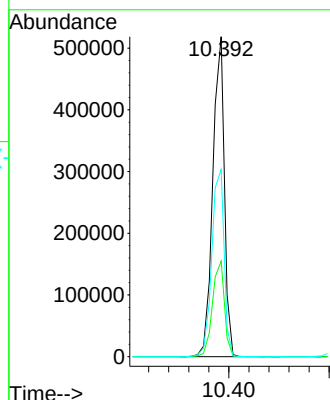
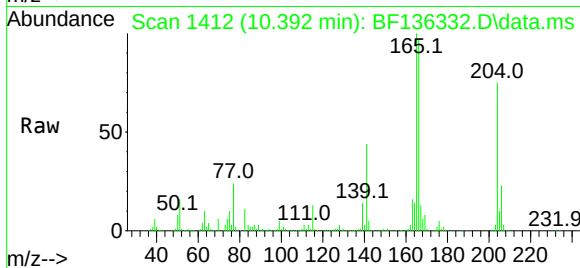
PB157138BS

Tgt Ion:204 Resp: 415220
Ion Ratio Lower Upper
204 100
206 29.9 23.4 35.0
141 58.5 47.6 71.4

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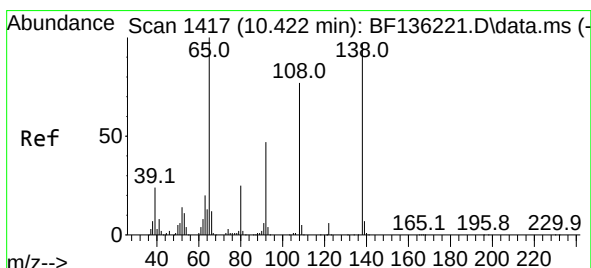
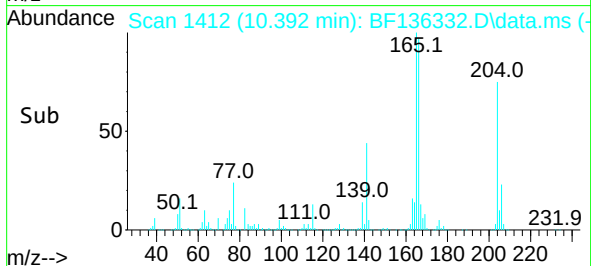
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Supervised By :mohammad ahmed 12/05/2023



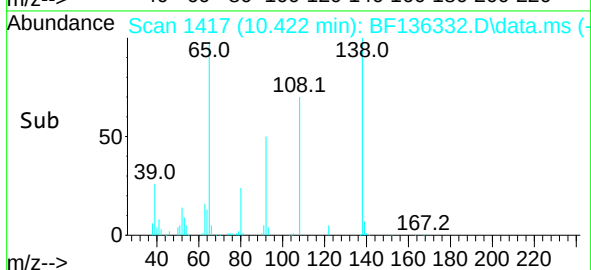
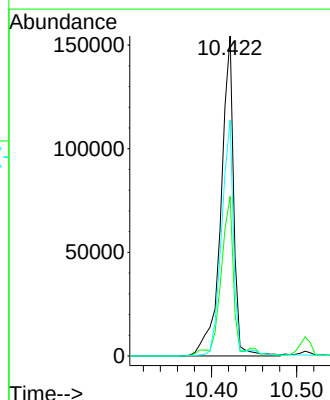
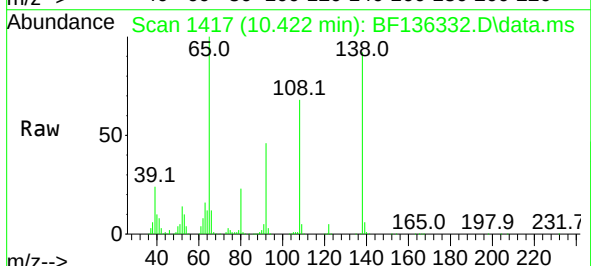
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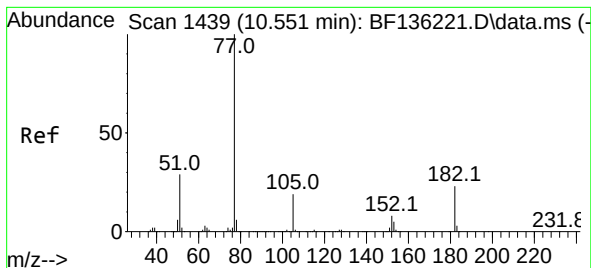
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#62
4-Nitroaniline
Concen: 34.027 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

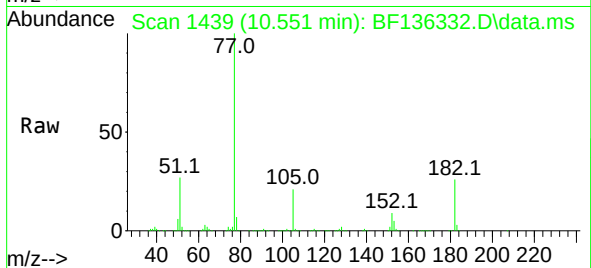
Tgt Ion:138 Resp: 160308
Ion Ratio Lower Upper
138 100
92 49.8 28.5 68.5
108 73.7 59.8 99.8





#63
Azobenzene
Concen: 37.169 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

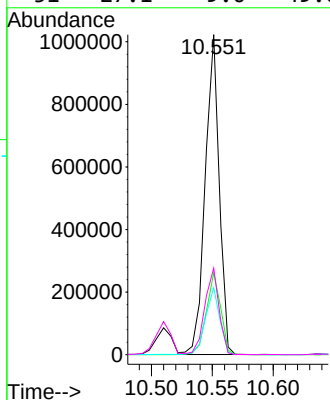
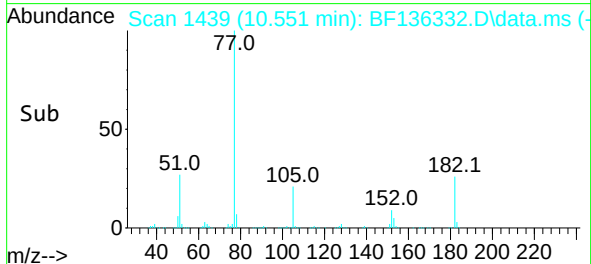
Instrument :
BNA_F
ClientSampleId :
PB157138BS



Tgt Ion: 77 Resp: 818428
Ion Ratio Lower Upper
77 100
182 25.5 3.3 43.3
105 20.9 0.0 39.5
51 27.1 9.0 49.0

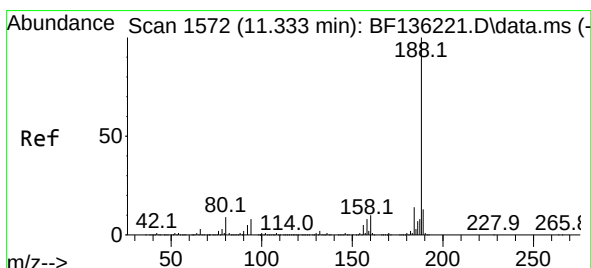
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Supervised By :mohammad ahmed 12/05/2023

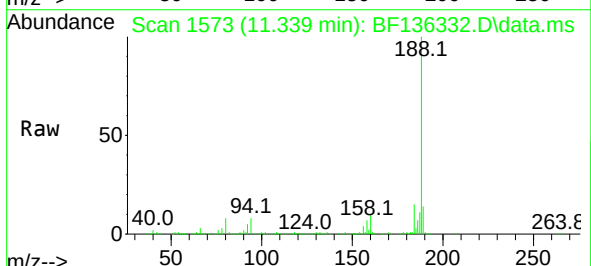


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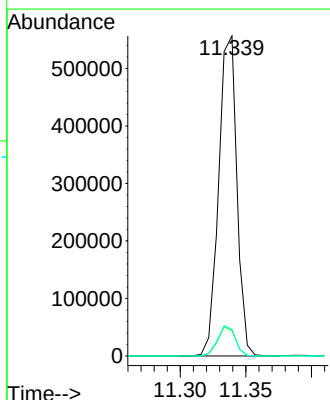
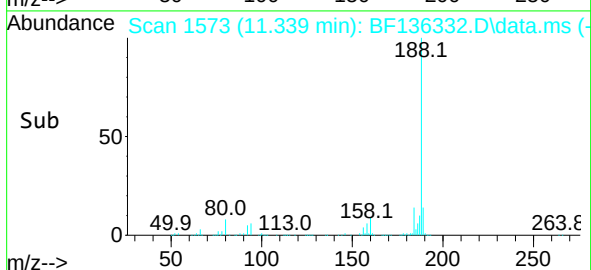
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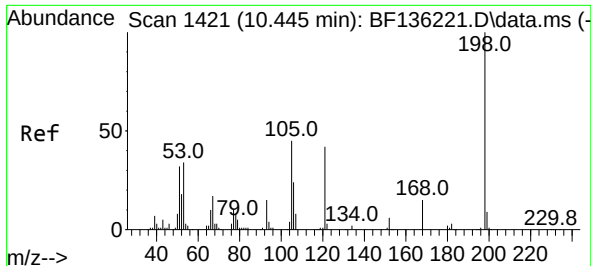


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



Tgt Ion:188 Resp: 537508
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.3 7.2 10.8





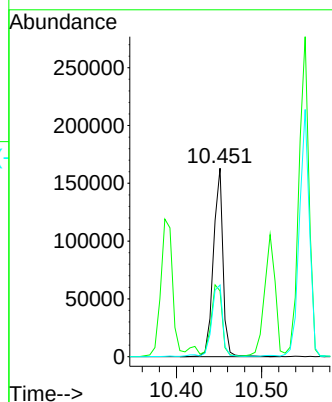
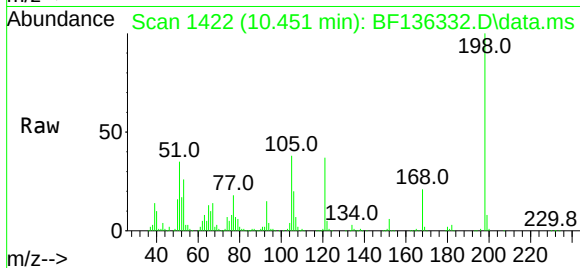
#65
4,6-Dinitro-2-methylphenol
Concen: 43.281 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :
BNA_F
ClientSampleId :
PB157138BS

Tgt Ion:198 Resp: 127219
Ion Ratio Lower Upper
198 100
51 34.9 28.2 68.2
105 38.0 25.7 65.7

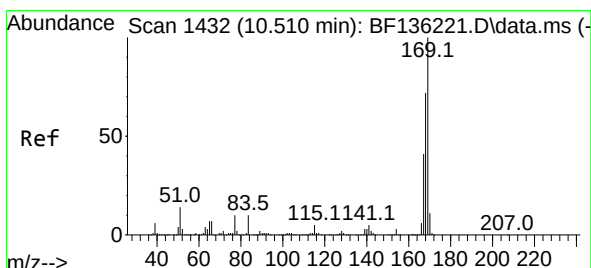
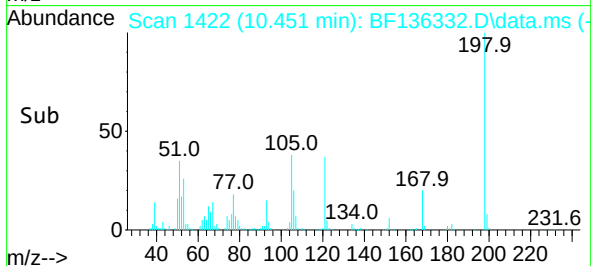
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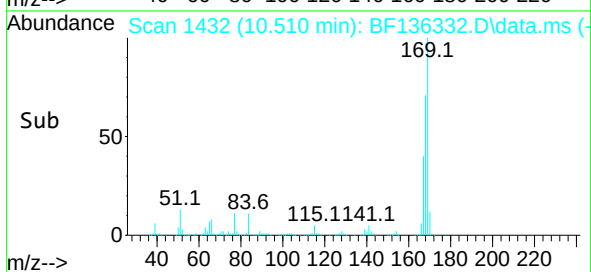
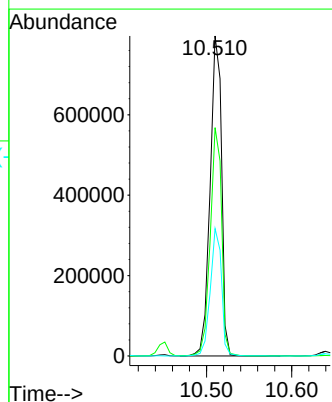
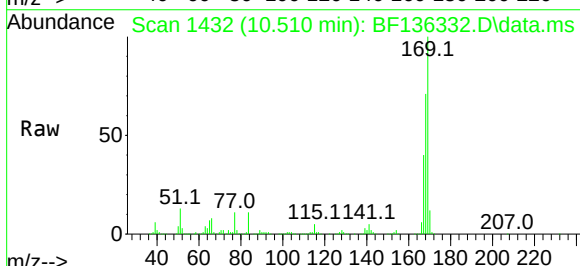
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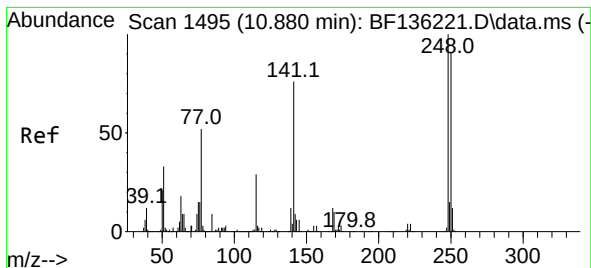
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#66
n-Nitrosodiphenylamine
Concen: 43.123 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

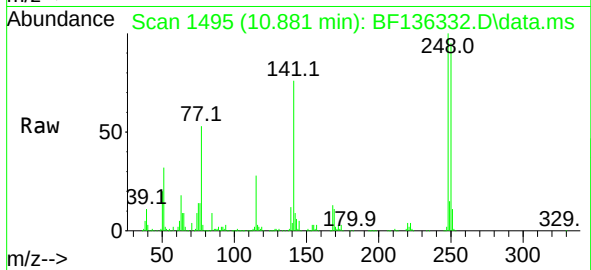
Tgt Ion:169 Resp: 742811
Ion Ratio Lower Upper
169 100
168 71.4 57.8 86.6
167 39.8 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 41.682 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

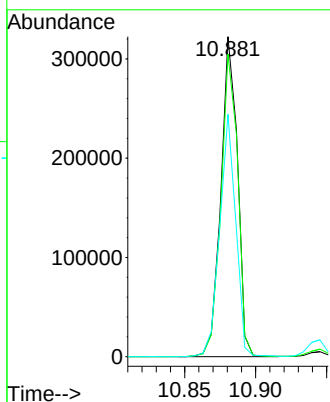
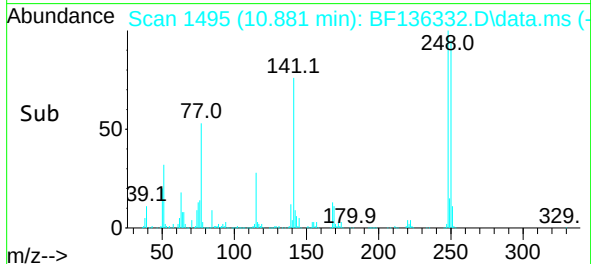
Instrument :
BNA_F
ClientSampleId :
PB157138BS



Tgt Ion:248 Resp: 26138
Ion Ratio Lower Upper
248 100
250 94.6 72.5 108.7
141 75.8 60.8 91.2

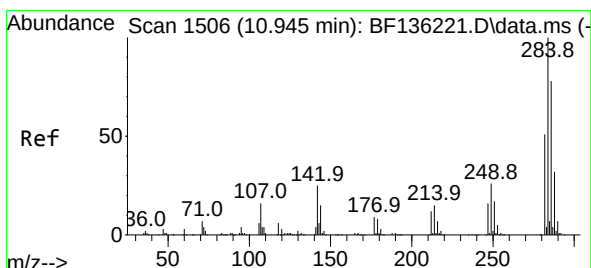
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Supervised By :mohammad ahmed 12/05/2023

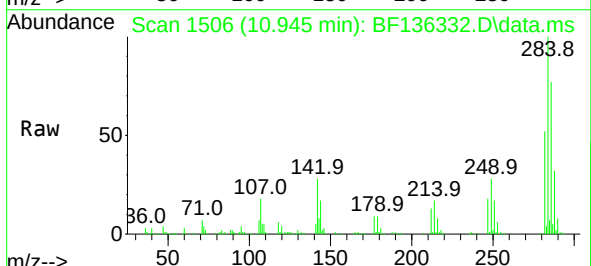


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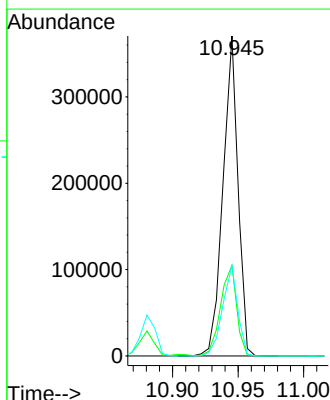
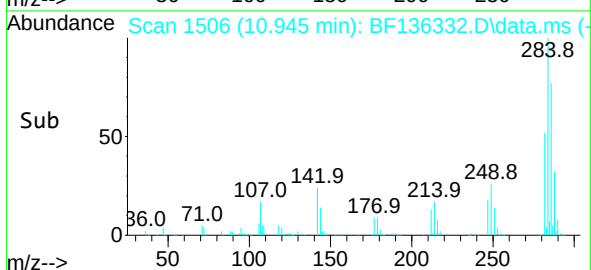
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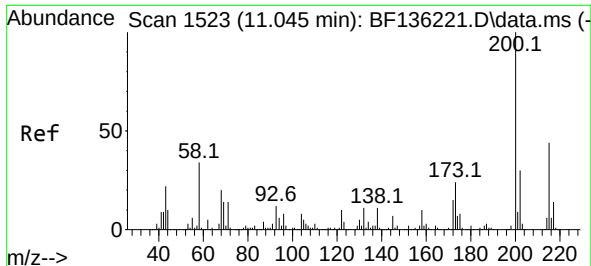


#68
Hexachlorobenzene
Concen: 40.600 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



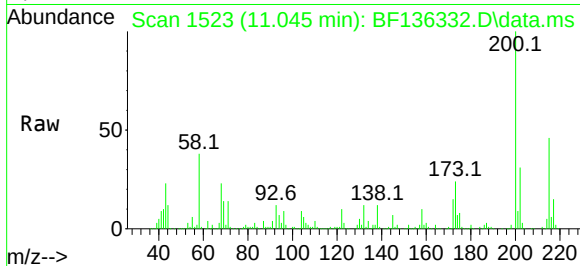
Tgt Ion:284 Resp: 294664
Ion Ratio Lower Upper
284 100
142 28.3 19.8 29.8
249 28.2 21.0 31.4





#69
Atrazine
Concen: 40.070 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

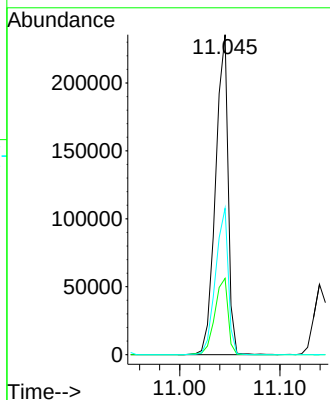
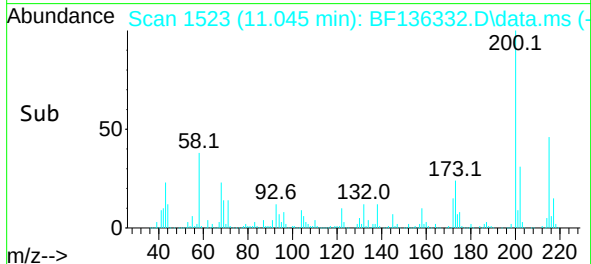
Instrument :
BNA_F
ClientSampleId :
PB157138BS



Tgt Ion:200 Resp: 204750
Ion Ratio Lower Upper
200 100
173 23.9 4.3 44.3
215 45.8 23.8 63.8

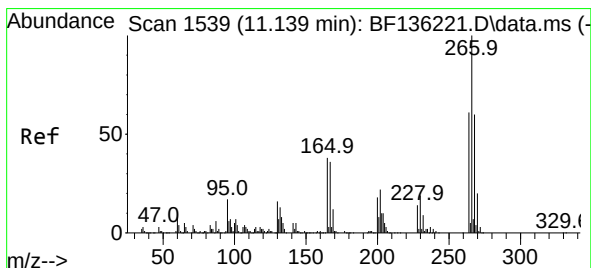
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Supervised By :mohammad ahmed 12/05/2023

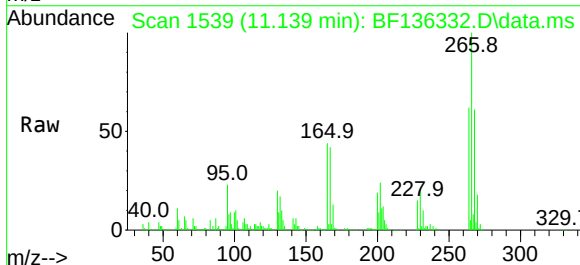


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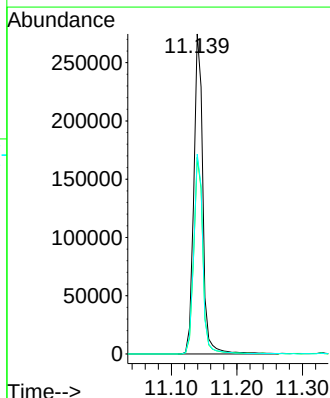
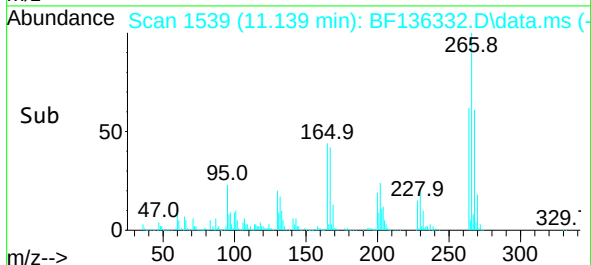
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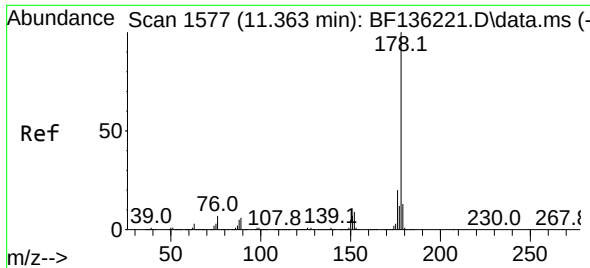


#70
Pentachlorophenol
Concen: 64.202 ng
RT: 11.139 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



Tgt Ion:266 Resp: 263387
Ion Ratio Lower Upper
266 100
268 61.4 47.9 71.9
264 62.4 49.1 73.7





#71
Phenanthrene
Concen: 40.929 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

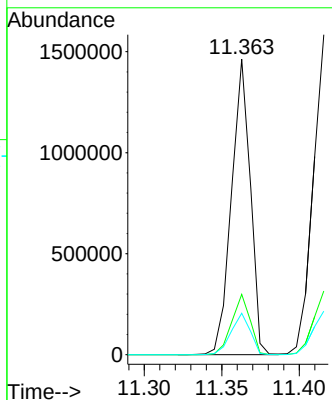
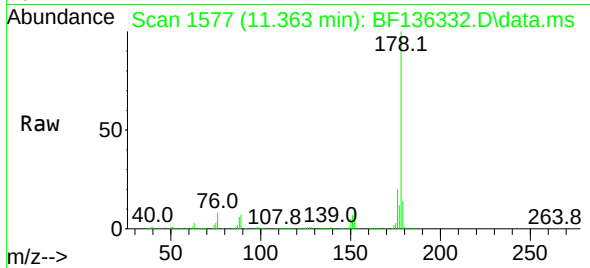
Tgt Ion:178 Resp: 123649
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 14.0 10.3 15.5

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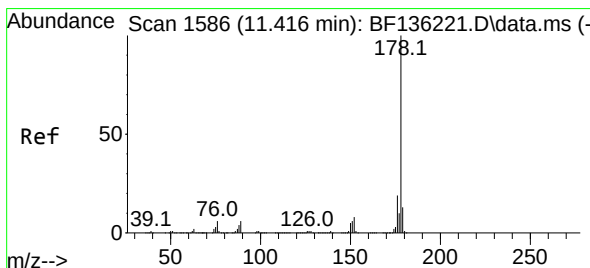
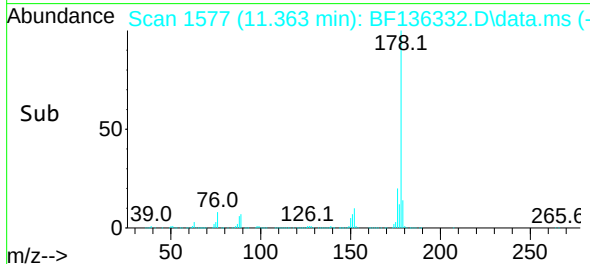
Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/05/2023



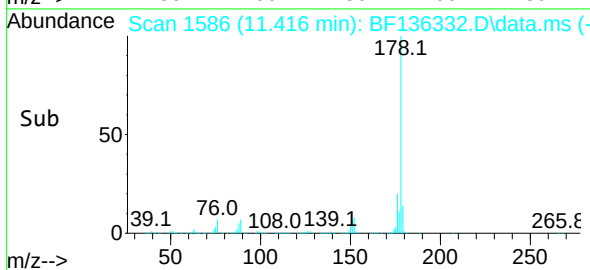
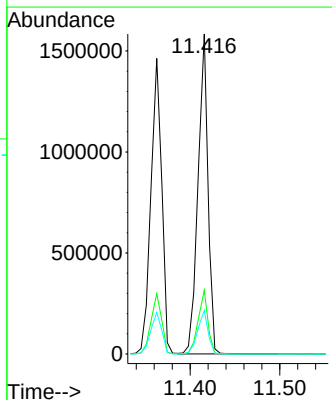
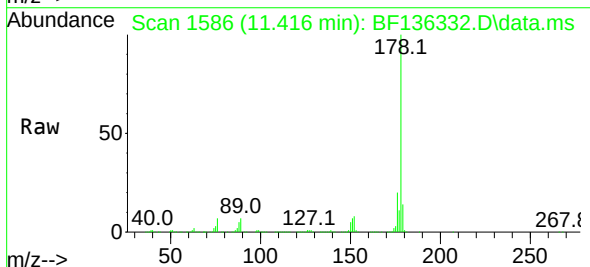
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Supervised By :mohammad
ahmed

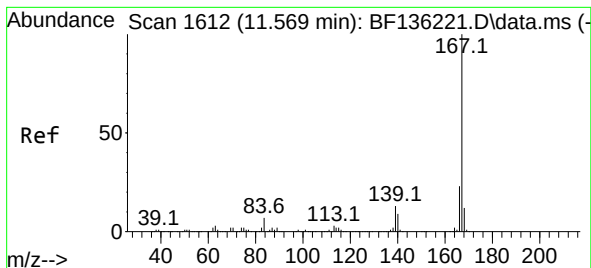
12/05/2023



#72
Anthracene
Concen: 40.571 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:178 Resp: 1229127
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 13.6 10.5 15.7





#73

Carbazole

Concen: 36.757 ng

RT: 11.569 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

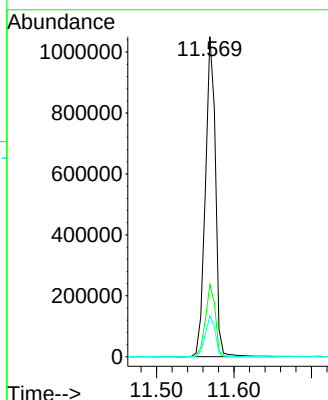
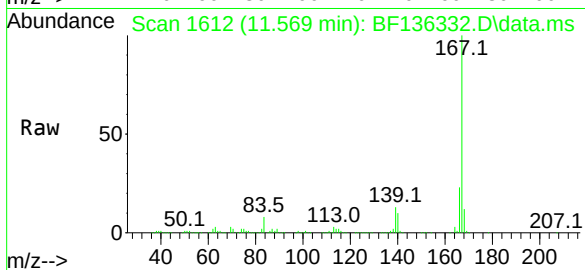
Tgt Ion:167	Resp: 947114
Ion Ratio	Lower Upper
167 100	
166 22.5	18.4 27.6
139 12.8	10.5 15.7

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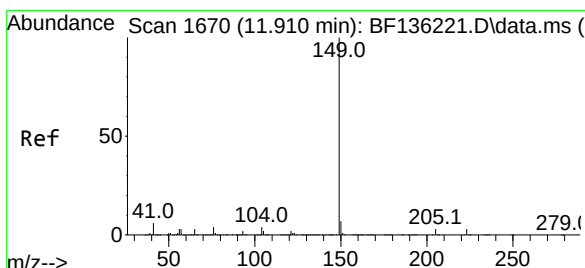
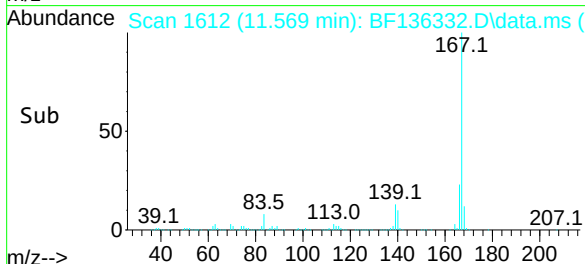
Supervised By :mohammad ahmed 12/05/2023



12/04/2023

Supervised By :mohammad
ahmed

12/05/2023



#74

Di-n-butylphthalate

Concen: 37.955 ng

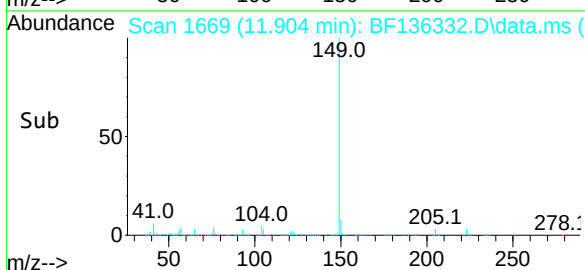
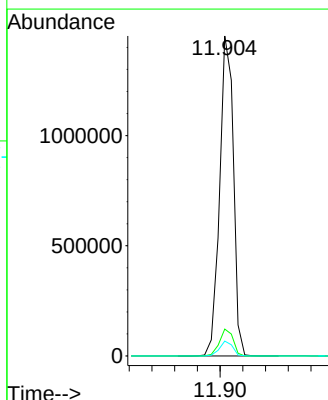
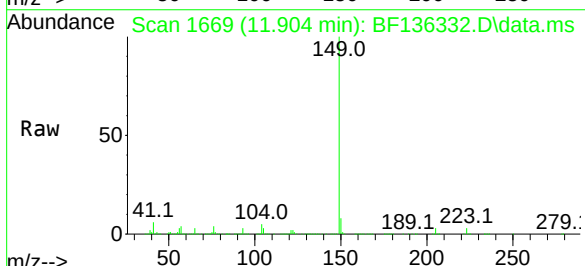
RT: 11.904 min Scan# 1669

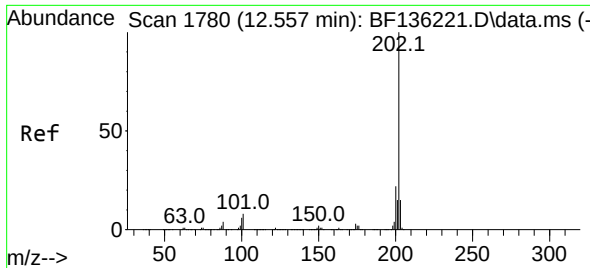
Delta R.T. -0.006 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Tgt Ion:149	Resp: 1223653
Ion Ratio	Lower Upper
149 100	
150 8.4	6.0 9.0
104 4.7	3.5 5.3





#75
Fluoranthene
Concen: 33.875 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

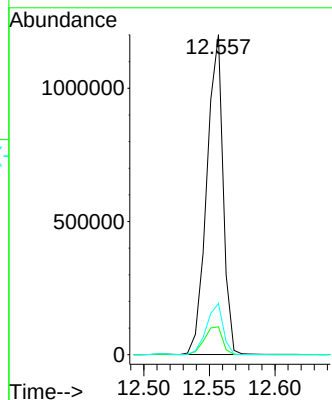
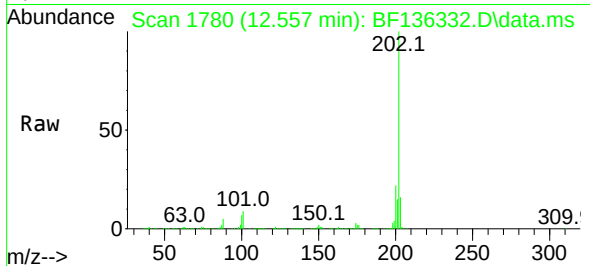
Tgt Ion:202 Resp: 1038900
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.8
203 16.0 0.0 34.5

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Reviewed By :Yogesh Patel 12/04/2023

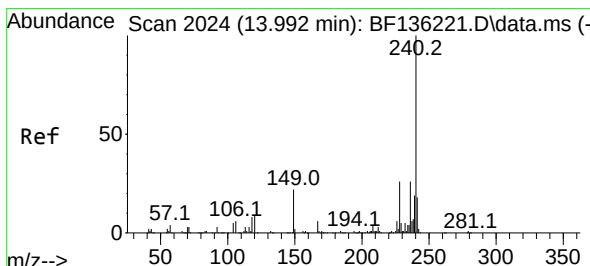
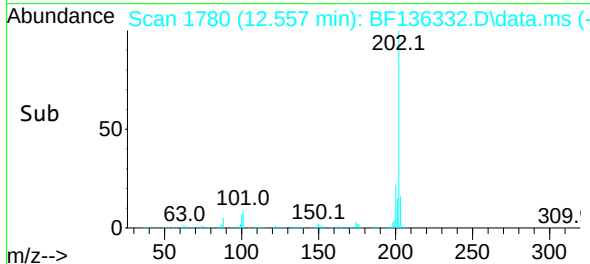
Supervised By :mohammad ahmed 12/05/2023



12/04/2023

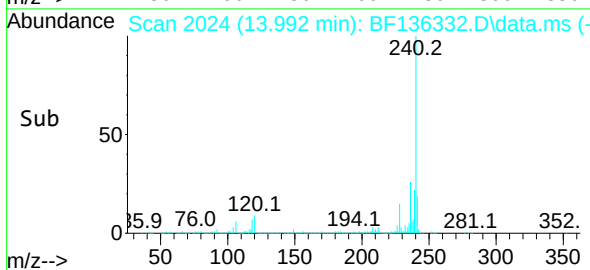
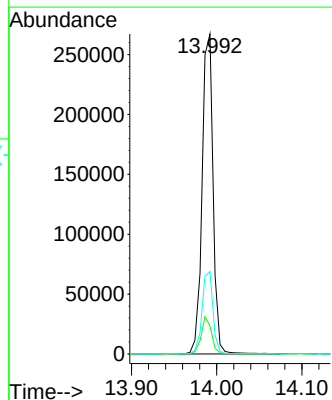
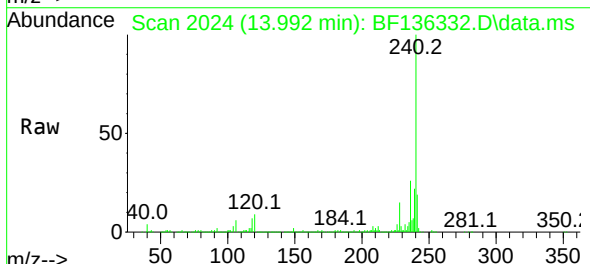
Supervised By :mohammad
ahmed

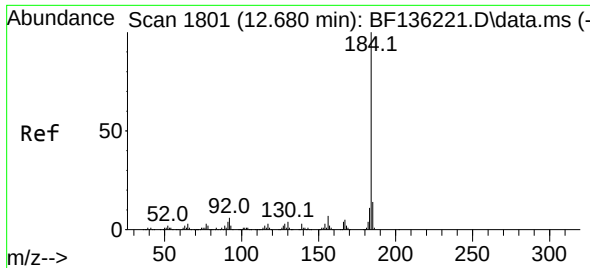
12/05/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:240 Resp: 239799
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.2
236 25.7 21.1 31.7





#77
Benzidine
Concen: 23.860 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

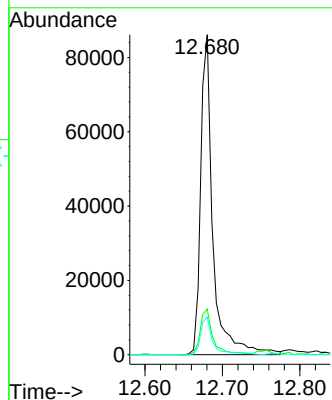
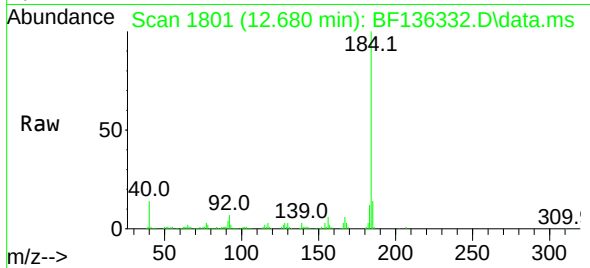
ClientSampleId :

PB157138BS

Tgt Ion:184 Resp: 94054
Ion Ratio Lower Upper
184 100
185 14.3 11.0 16.6
183 11.8 9.0 13.4

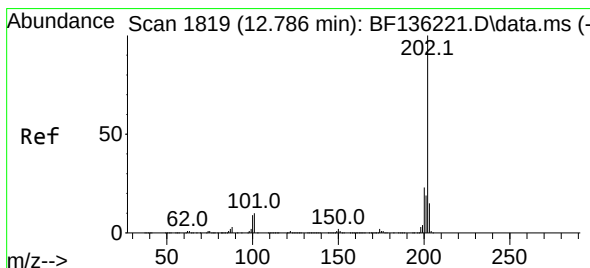
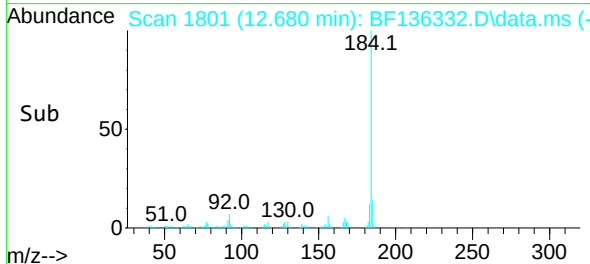
Manual Integrations
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



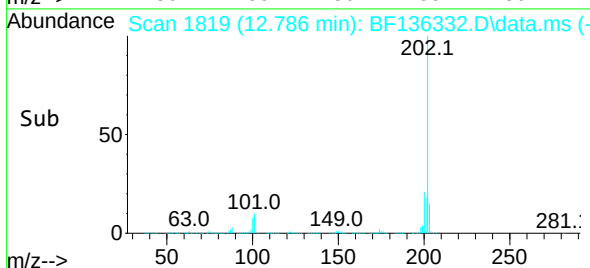
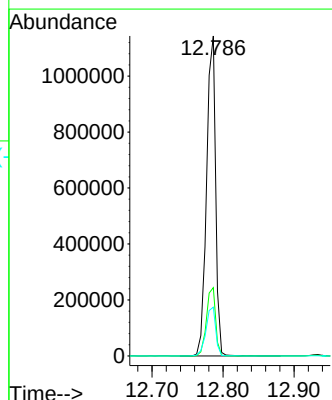
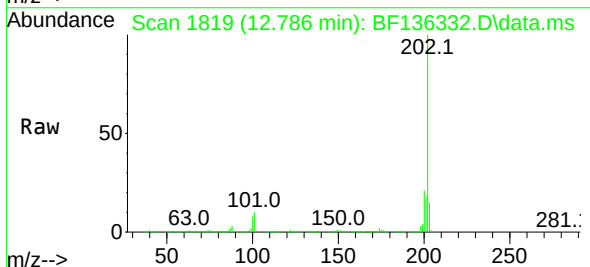
12/04/2023
Supervised By :mohammad
ahmed

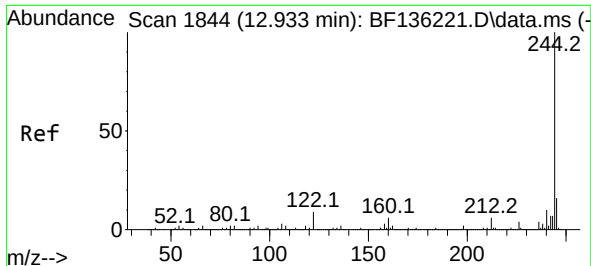
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#78
Pyrene
Concen: 38.584 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:202 Resp: 1013296
Ion Ratio Lower Upper
202 100
200 21.4 18.4 27.6
203 15.2 11.8 17.6





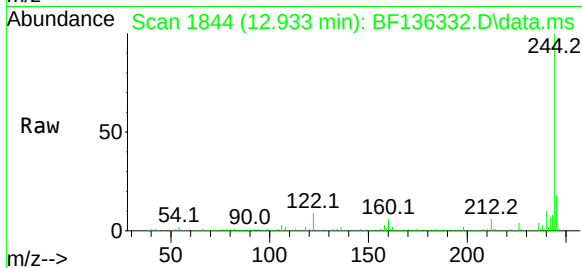
#79
Terphenyl-d14
Concen: 72.884 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS



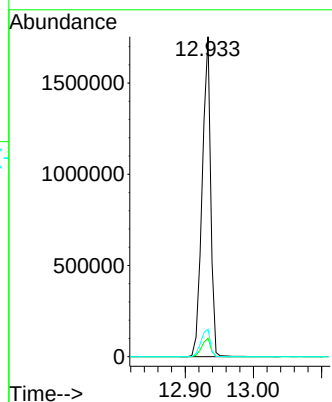
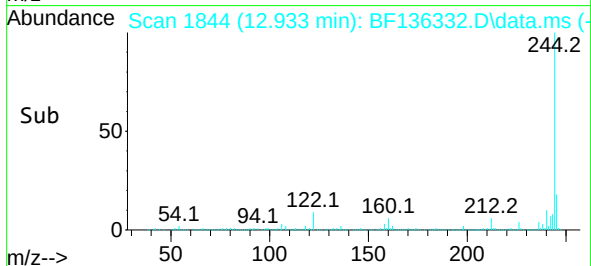
Tgt Ion:244 Resp: 1515189
Ion Ratio Lower Upper
244 100
212 5.8 4.6 7.0
122 8.6 7.3 10.9

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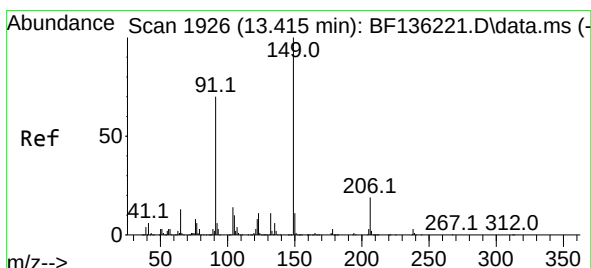
Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/05/2023

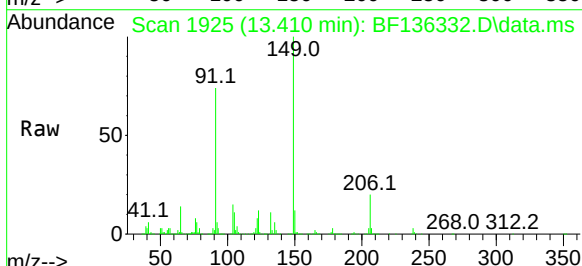


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Supervised By :mohammad
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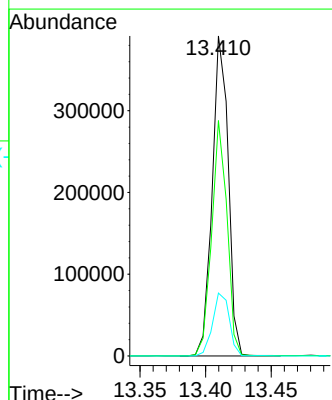
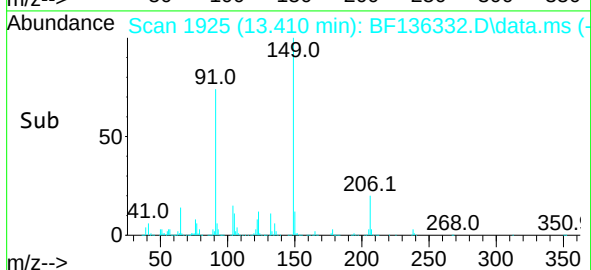
12/05/2023

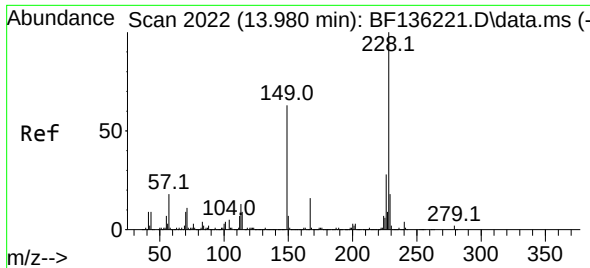


#80
Butylbenzylphthalate
Concen: 40.719 ng
RT: 13.410 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08



Tgt Ion:149 Resp: 332815
Ion Ratio Lower Upper
149 100
91 73.5 56.4 84.6
206 19.6 14.8 22.2





#81
Benzo(a)anthracene
Concen: 39.428 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

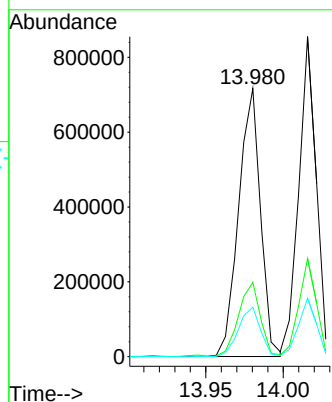
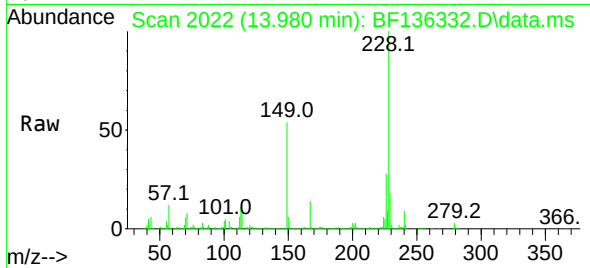
ClientSampleId :

PB157138BS

Tgt Ion:228 Resp: 702269
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 18.4 14.0 21.0

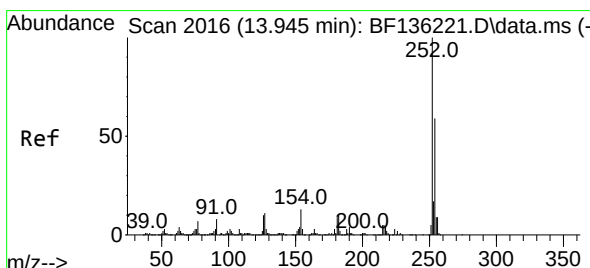
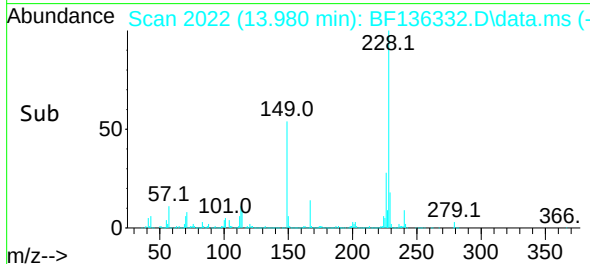
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



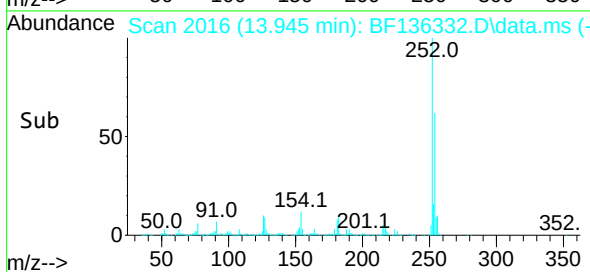
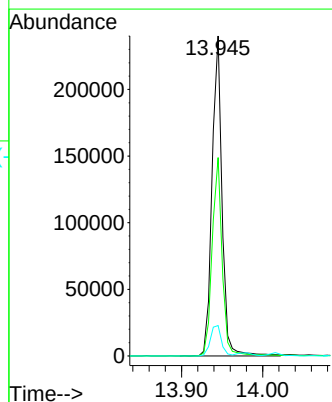
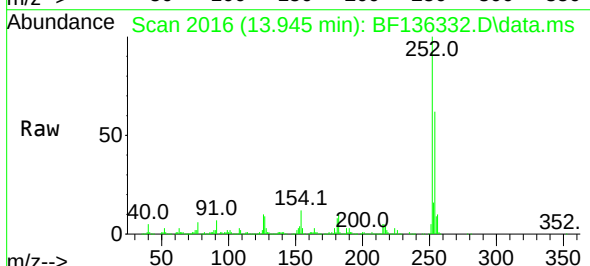
12/04/2023
Supervised By :mohammad
ahmed

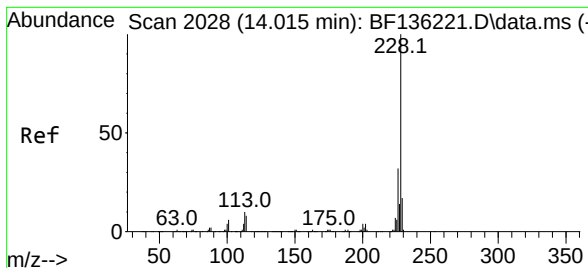
12/05/2023



#82
3,3'-Dichlorobenzidine
Concen: 47.883 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:252 Resp: 205299
Ion Ratio Lower Upper
252 100
254 62.0 47.4 71.2
126 9.5 8.3 12.5





#83

Chrysene

Concen: 39.187 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

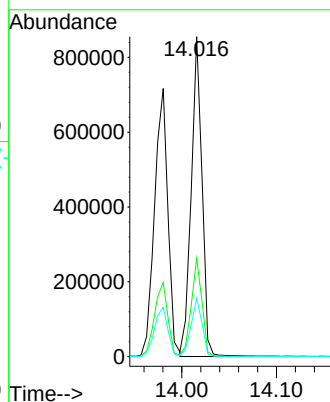
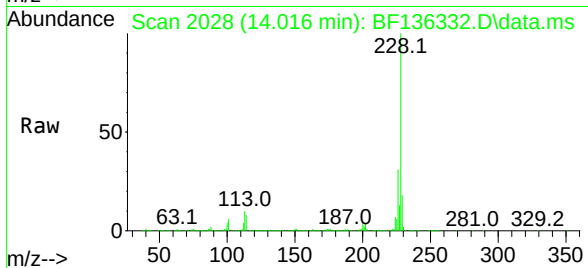
Tgt Ion:228 Resp: 67392
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.5 38.3
 229 18.3 13.9 20.9

Manual Integrations

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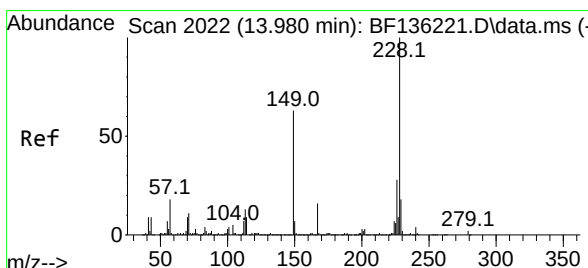
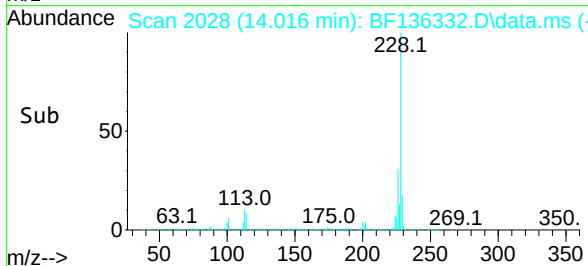
Supervised By :mohammad ahmed 12/05/2023



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Supervised By :mohammad
ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.874 ng

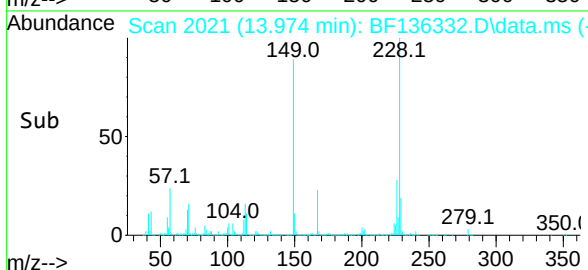
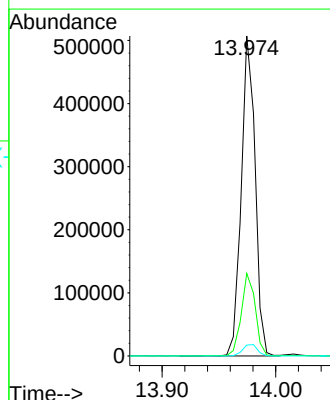
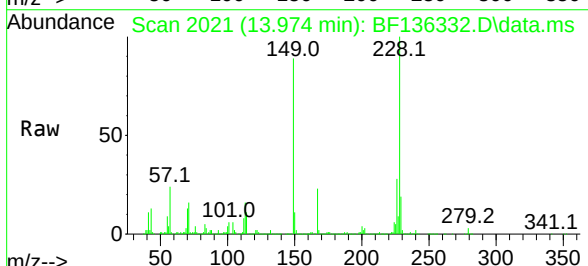
RT: 13.974 min Scan# 2021

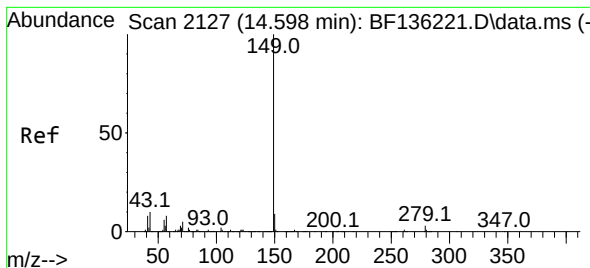
Delta R.T. -0.006 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Tgt Ion:149 Resp: 430367
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.2 30.2
 279 3.4 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 48.884 ng
RT: 14.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

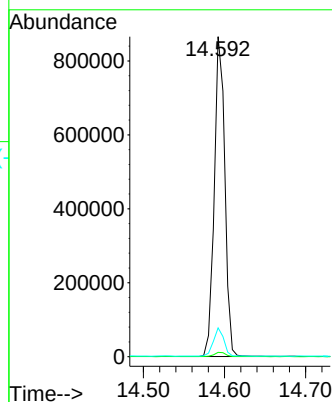
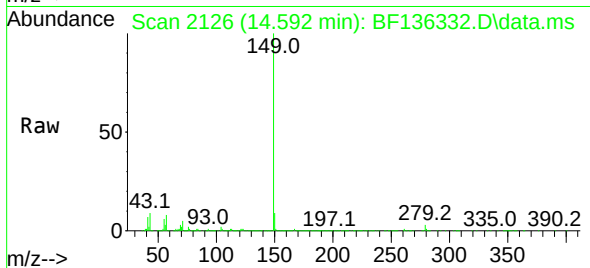
Tgt Ion:149 Resp: 780485
Ion Ratio Lower Upper
149 100
167 1.5 1.0 1.6
43 8.8 7.2 10.8

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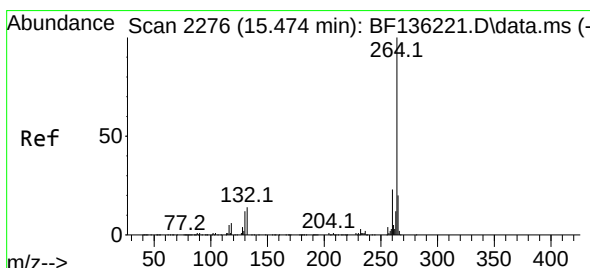
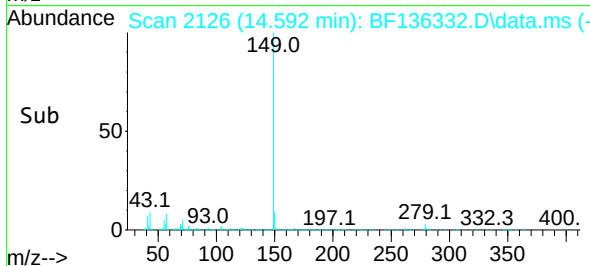
Supervised By :mohammad ahmed 12/05/2023



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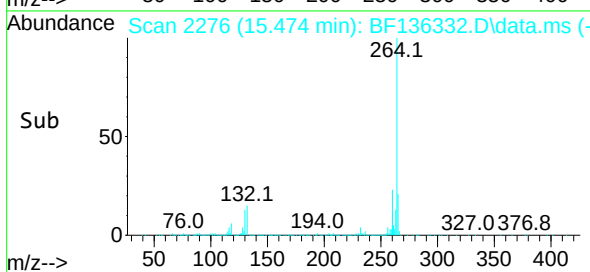
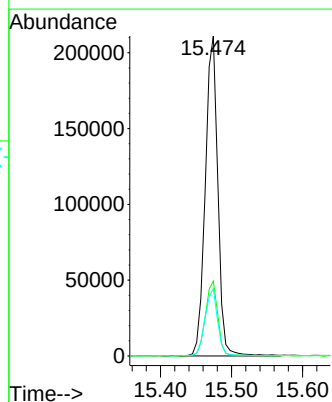
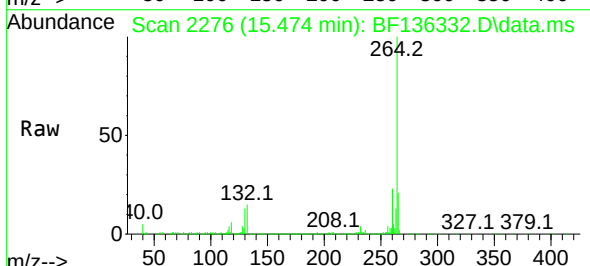
Supervised By :mohammad
ahmed

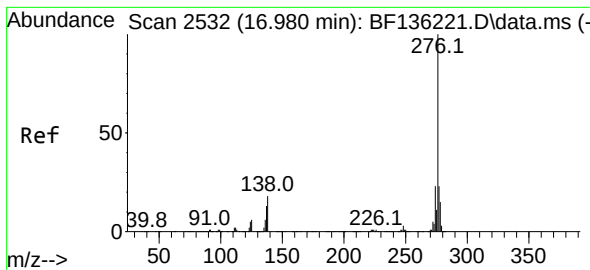
12/05/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:264 Resp: 260106
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.0 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.023 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

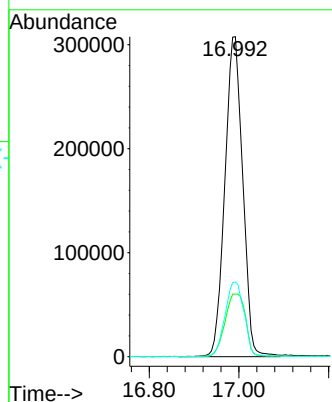
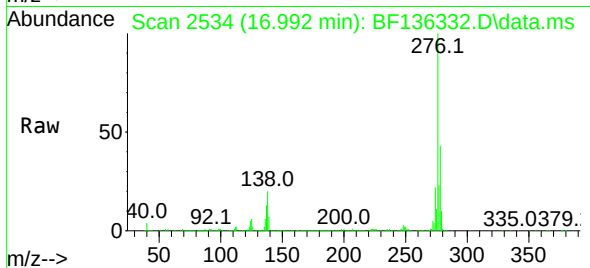
ClientSampleId :

PB157138BS

Tgt Ion:276 Resp: 851352
Ion Ratio Lower Upper
276 100
138 22.3 17.7 26.5
277 25.0 19.6 29.4

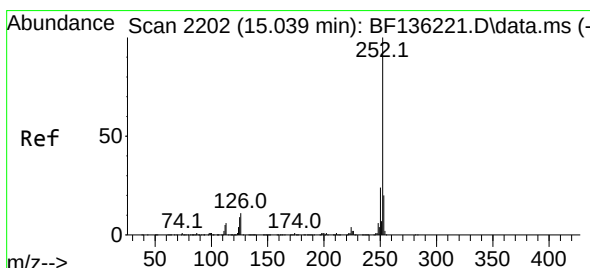
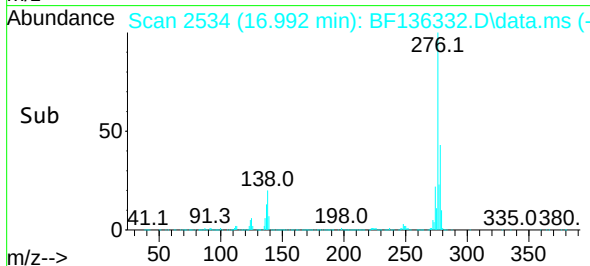
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Supervised By :mohammad ahmed 12/05/2023



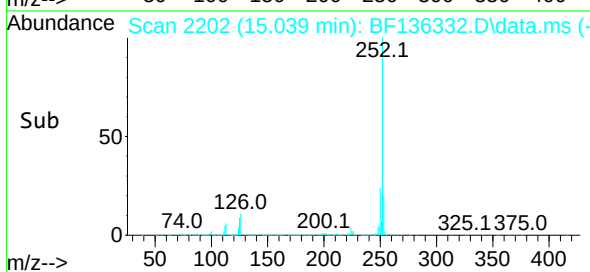
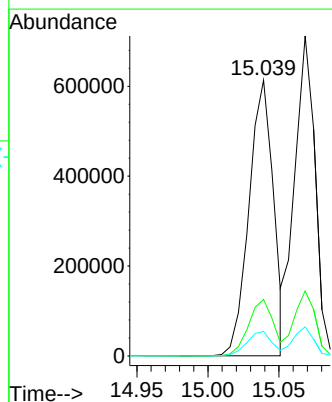
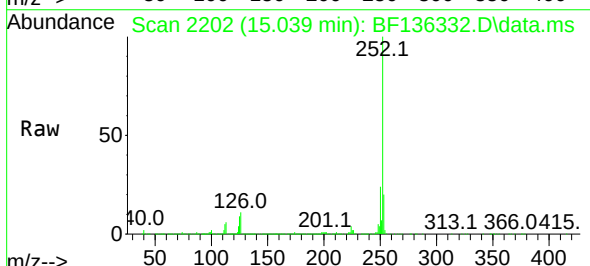
12/04/2023
Supervised By :mohammad
ahmed

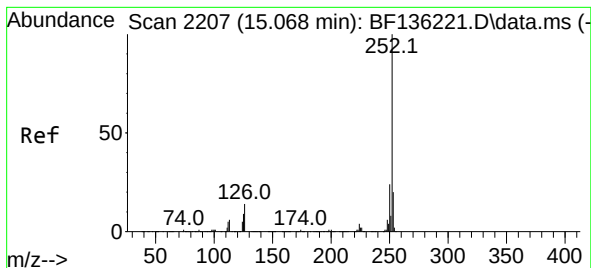
12/05/2023



#88
Benzo(b)fluoranthene
Concen: 40.184 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:252 Resp: 733295
Ion Ratio Lower Upper
252 100
253 20.5 16.2 24.2
125 8.9 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 41.629 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

Tgt Ion:252 Resp: 72150

Ion Ratio Lower Upper

252 100

253 20.3 15.6 23.4

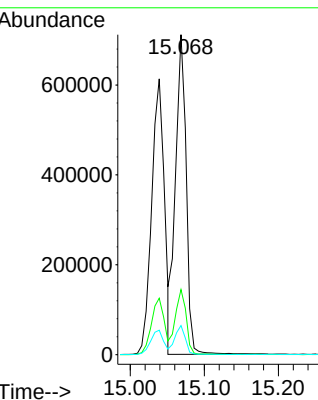
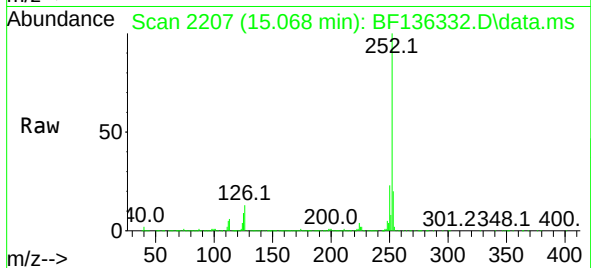
125 9.1 7.0 10.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/04/2023

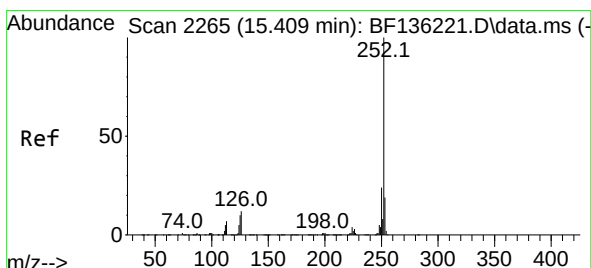
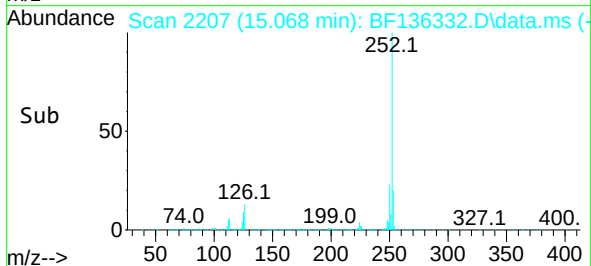
Supervised By :mohammad ahmed 12/05/2023



12/04/2023

Supervised By :mohammad
ahmed

12/05/2023



#90

Benzo(a)pyrene

Concen: 43.374 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.001 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

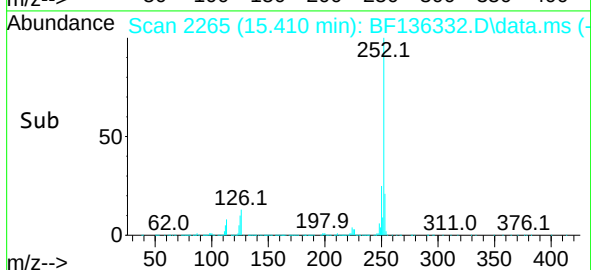
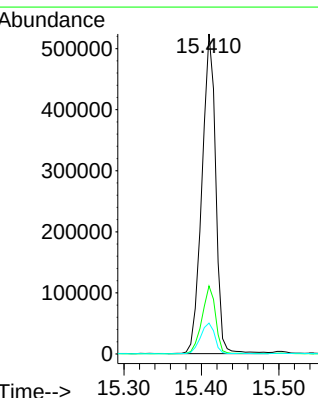
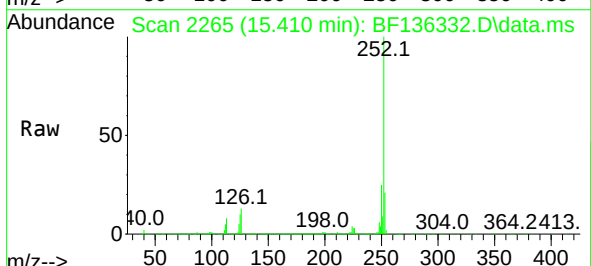
Tgt Ion:252 Resp: 647045

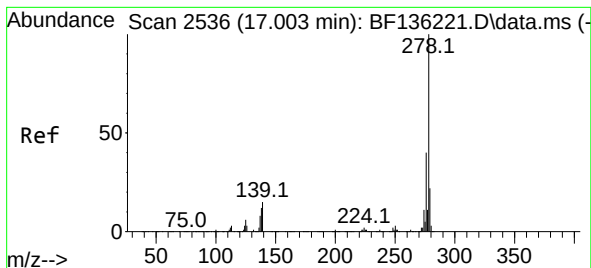
Ion Ratio Lower Upper

252 100

253 21.3 15.5 23.3

125 9.7 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 45.347 ng

RT: 17.010 min Scan# 2536

Delta R.T. 0.007 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

Tgt Ion:278 Resp: 705130

Ion Ratio Lower Upper

278 100

139 14.2 11.7 17.5

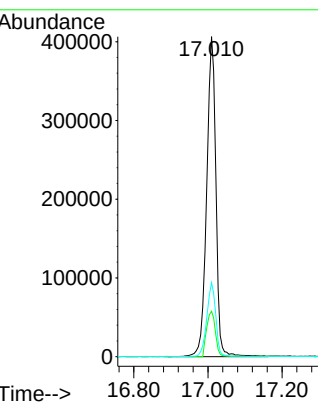
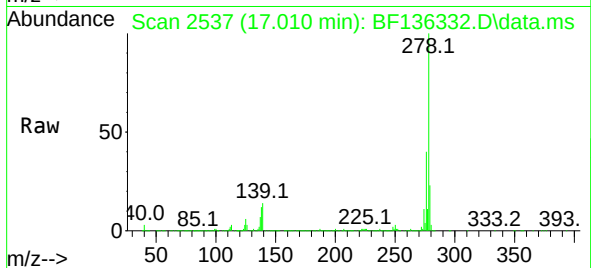
279 23.2 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

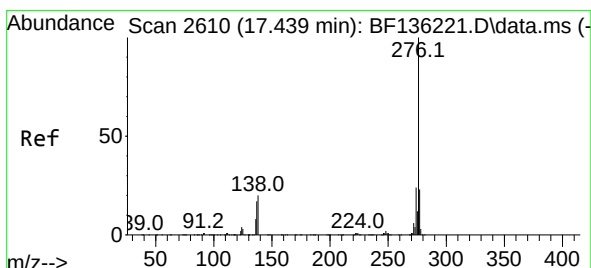
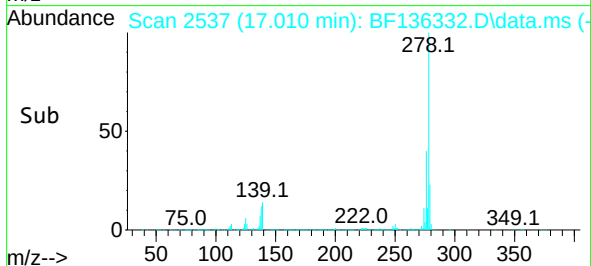
Supervised By :mohammad ahmed 12/05/2023



12/04/2023

Supervised By :mohammad
ahmed

12/05/2023



#92

Benzo(g,h,i)perylene

Concen: 43.578 ng

RT: 17.451 min Scan# 2612

Delta R.T. 0.012 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Tgt Ion:276 Resp: 679502

Ion Ratio Lower Upper

276 100

277 22.2 18.6 27.8

138 19.4 15.8 23.8

