

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136750.D
 Acq On : 27 Dec 2023 10:44
 Operator : CG\JU
 Sample : PB158018BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158018BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

12/28/2023

Supervised By :mohammad
 ahmed

Quant Time: Dec 27 11:30:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	93650	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	368840	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	168319	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	289521	20.000	ng	0.00
76) Chrysene-d12	13.968	240	164351	20.000	ng	0.00
86) Perylene-d12	15.445	264	155129	20.000	ng	0.00

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System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	698112	116.311	ng	0.01
7) Phenol-d6	6.445	99	832530	107.046	ng	0.00
23) Nitrobenzene-d5	7.351	82	528246	73.286	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	208320	105.088	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	964118	77.040	ng	0.00
79) Terphenyl-d14	12.910	244	816685	69.442	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	72782	29.103	ng	98
3) Pyridine	3.398	79	172355	28.247	ng	99
4) n-Nitrosodimethylamine	3.357	42	126260	38.748	ng	99
6) Aniline	6.451	93	182400	23.458	ng	# 1
8) 2-Chlorophenol	6.581	128	274863	41.847	ng	93
9) Benzaldehyde	6.339	77	59651	13.484	ng	98
10) Phenol	6.457	94	313281	37.734	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	254380	40.289	ng	100
12) 1,3-Dichlorobenzene	6.728	146	270783	37.791	ng	99
13) 1,4-Dichlorobenzene	6.804	146	276325	37.742	ng	98
14) 1,2-Dichlorobenzene	6.951	146	263676	38.704	ng	99
15) Benzyl Alcohol	6.934	79	219766	41.885	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	407825	39.508	ng	92
17) 2-Methylphenol	7.051	107	205147	37.701	ng	96
18) Hexachloroethane	7.292	117	98171	36.922	ng	92
19) n-Nitroso-di-n-propyla...	7.204	70	178161	37.790	ng	99
20) 3+4-Methylphenols	7.204	107	251424	36.985	ng	# 74
22) Acetophenone	7.198	105	366699	39.665	ng	95
24) Nitrobenzene	7.369	77	275075	38.096	ng	98
25) Isophorone	7.610	82	489697	37.337	ng	100
26) 2-Nitrophenol	7.686	139	141939	41.087	ng	96
27) 2,4-Dimethylphenol	7.728	122	204731	48.679	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	300268	37.664	ng	99
29) 2,4-Dichlorophenol	7.928	162	203710	37.622	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	231192	38.322	ng	97
31) Naphthalene	8.086	128	770585	38.029	ng	100
32) Benzoic acid	7.875	122	147074	36.142	ng	92
33) 4-Chloroaniline	8.139	127	160801	21.493	ng	96
34) Hexachlorobutadiene	8.198	225	136066	37.122	ng	99
35) Caprolactam	8.516	113	62351m	34.906	ng	
36) 4-Chloro-3-methylphenol	8.633	107	215253	35.313	ng	99
37) 2-Methylnaphthalene	8.780	142	478581	36.699	ng	100
38) 1-Methylnaphthalene	8.875	142	448412	35.048	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	225079	43.179	ng	98
41) Hexachlorocyclopentadiene	8.928	237	145709	87.198	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	137876	41.243	ng	96

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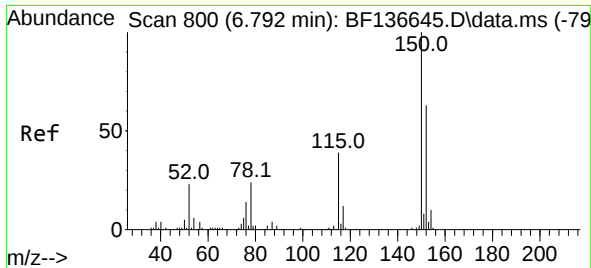
12/28/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	149913	40.241	ng	97
46) 1,1'-Biphenyl	9.245	154	576777	40.835	ng	100
47) 2-Chloronaphthalene	9.269	162	431319	40.169	ng	99
48) 2-Nitroaniline	9.369	65	131836	39.208	ng	97
49) Acenaphthylene	9.686	152	681472	41.522	ng	100
50) Dimethylphthalate	9.551	163	470961	38.307	ng	99
51) 2,6-Dinitrotoluene	9.616	165	106701	38.241	ng	99
52) Acenaphthene	9.857	154	392366	38.567	ng	99
53) 3-Nitroaniline	9.786	138	88989	30.107	ng	92
54) 2,4-Dinitrophenol	9.898	184	105964	69.058	ng	# 90
55) Dibenzofuran	10.027	168	600834	38.960	ng	99
56) 4-Nitrophenol	9.963	139	136511	68.416	ng	97
57) 2,4-Dinitrotoluene	10.022	165	129286	35.692	ng	98
58) Fluorene	10.374	166	462453	37.792	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	117466	40.962	ng	98
60) Diethylphthalate	10.251	149	465744	36.511	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	221852	37.299	ng	98
62) 4-Nitroaniline	10.404	138	87748m	30.795	ng	
63) Azobenzene	10.527	77	436010	36.595	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	68878	41.512	ng	92
66) n-Nitrosodiphenylamine	10.486	169	402425	42.789	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	131933	41.032	ng	98
68) Hexachlorobenzene	10.921	284	147472	41.156	ng	98
69) Atrazine	11.021	200	93727	38.963	ng	99
70) Pentachlorophenol	11.121	266	114974	68.839	ng	98
71) Phenanthrene	11.339	178	609867	41.053	ng	99
72) Anthracene	11.392	178	606659	40.324	ng	99
73) Carbazole	11.551	167	545370	38.449	ng	100
74) Di-n-butylphthalate	11.880	149	667268	38.552	ng	99
75) Fluoranthene	12.533	202	589811	37.118	ng	98
77) Benzidine	12.657	184	34844	7.190	ng	98
78) Pyrene	12.763	202	593610	36.793	ng	99
80) Butylbenzylphthalate	13.386	149	236394	40.267	ng	97
81) Benzo(a)anthracene	13.957	228	459906	40.299	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	142063	43.833	ng	98
83) Chrysene	13.998	228	446757	40.032	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	319376	43.239	ng	# 96
85) Di-n-octyl phthalate	14.568	149	556051	48.667	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	563418	50.303	ng	99
88) Benzo(b)fluoranthene	15.015	252	483842	46.697	ng	99
89) Benzo(k)fluoranthene	15.045	252	403005	41.163	ng	99
90) Benzo(a)pyrene	15.386	252	396385	45.322	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	468818	51.020	ng	97
92) Benzo(g,h,i)perylene	17.421	276	471640	50.114	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
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BNA_F

ClientSampleId :

PB158018BS

Tgt Ion:152 Resp: 93650
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 58.9 49.0 73.4

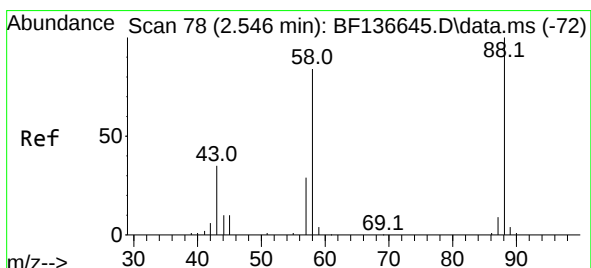
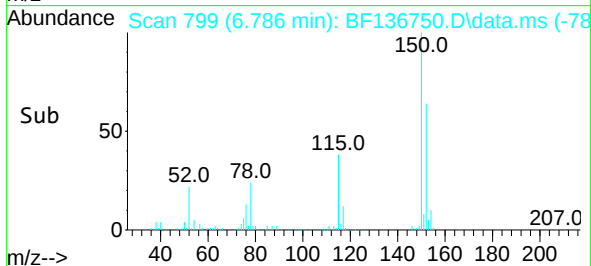
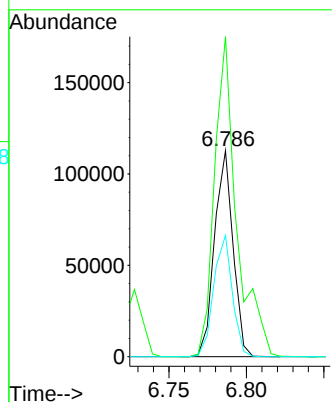
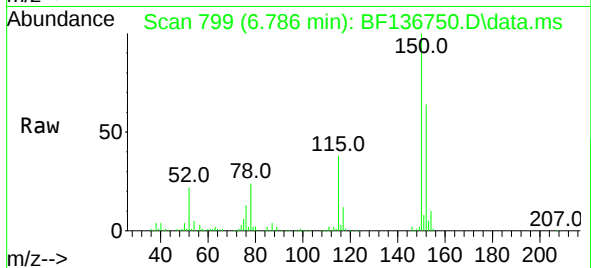
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Patel

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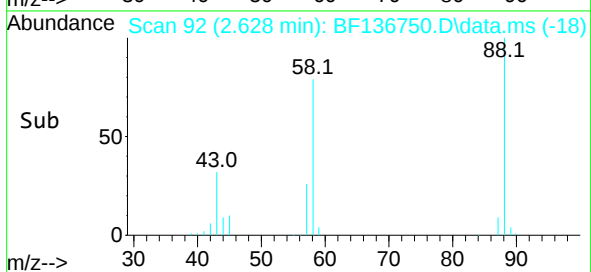
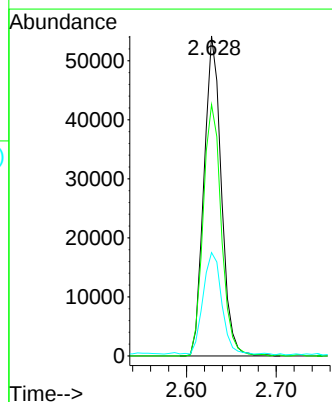
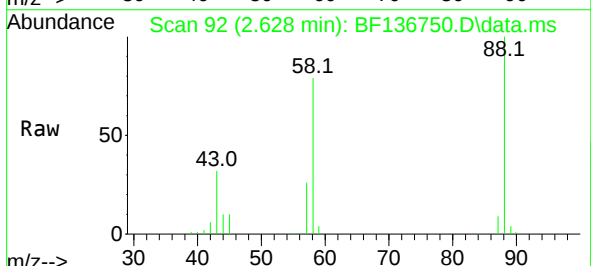
Supervised By :mohammad
ahmed

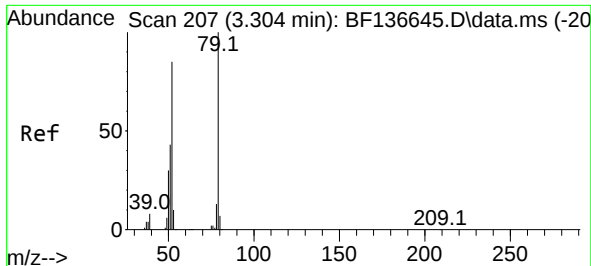
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#2
1,4-Dioxane
Concen: 29.103 ng
RT: 2.628 min Scan# 92
Delta R.T. 0.082 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

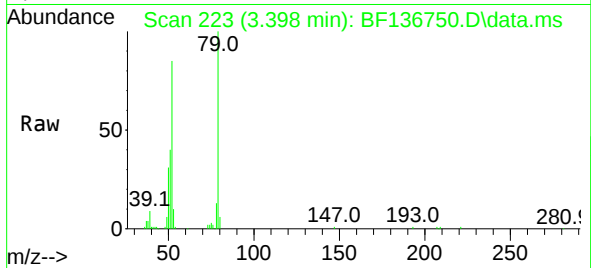
Tgt Ion: 88 Resp: 72782
Ion Ratio Lower Upper
88 100
58 82.2 67.4 101.0
43 33.8 27.7 41.5





#3
Pyridine
Concen: 28.247 ng
RT: 3.398 min Scan# 216
Delta R.T. 0.094 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
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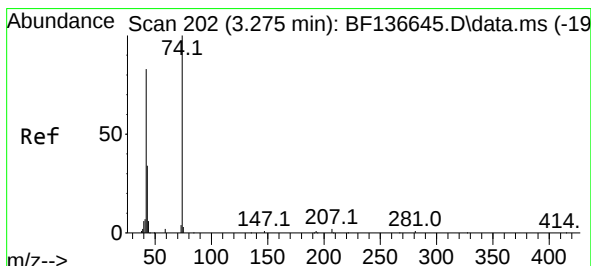
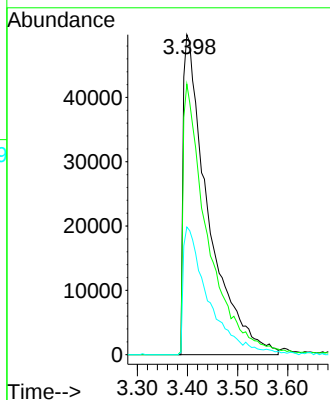
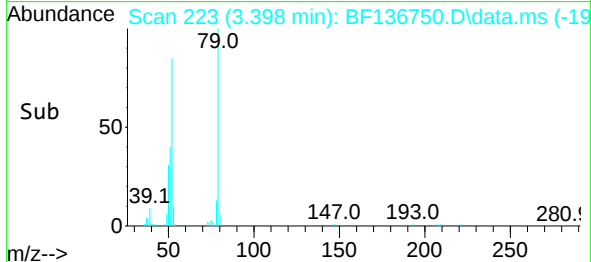
Tgt Ion: 79 Resp: 17235
Ion Ratio Lower Upper
79 100
52 84.6 67.7 101.5
51 39.9 34.0 51.0

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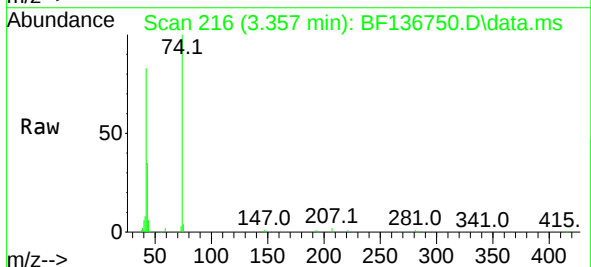
Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

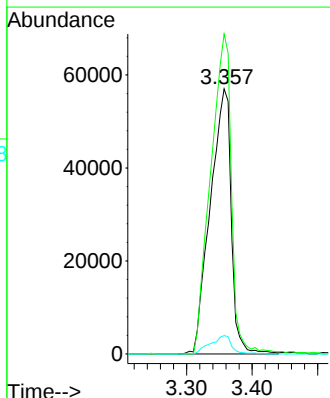
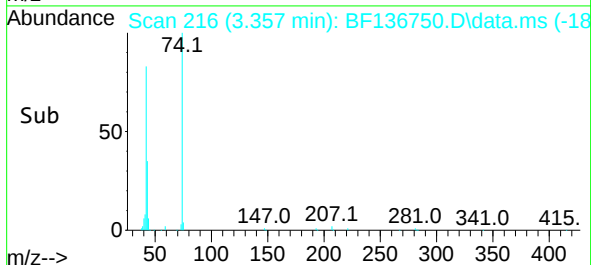
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#4
n-Nitrosodimethylamine
Concen: 38.748 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44



Tgt Ion: 42 Resp: 126260
Ion Ratio Lower Upper
42 100
74 120.7 96.0 144.0
44 6.9 5.4 8.2





#5
2-Fluorophenol
Concen: 116.311 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS

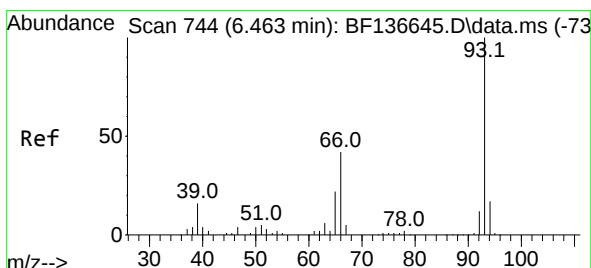
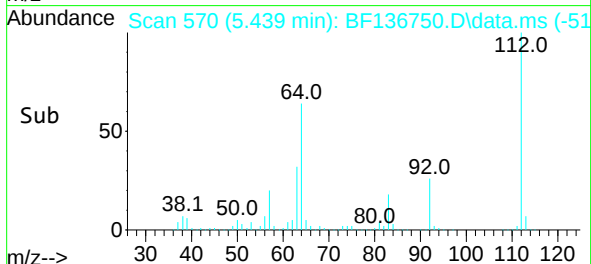
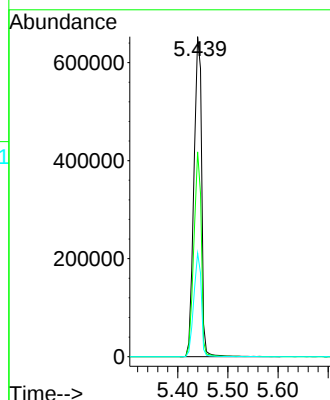
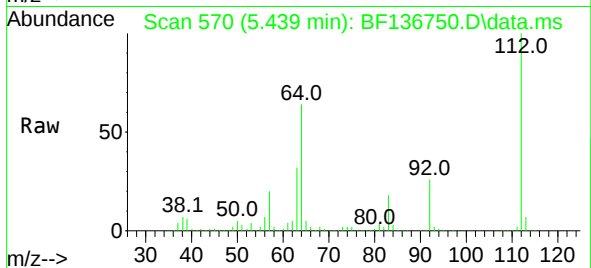
Tgt Ion:112 Resp: 69811
Ion Ratio Lower Upper
112 100
64 64.0 51.1 76.7
63 32.3 26.1 39.1

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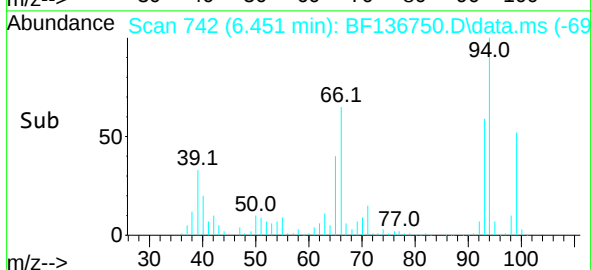
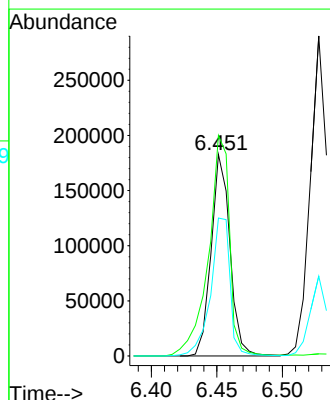
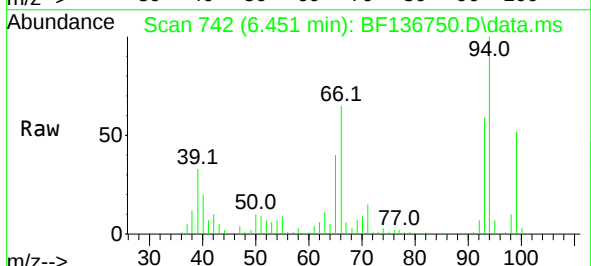
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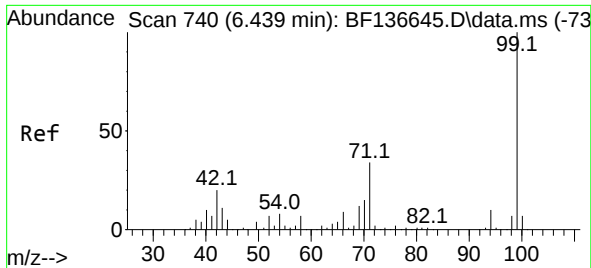
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#6
Aniline
Concen: 23.458 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion: 93 Resp: 182400
Ion Ratio Lower Upper
93 100
66 109.6 34.6 51.8#
65 68.5 17.8 26.8#





#7

Phenol-d6

Concen: 107.046 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136750.D

Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 832530

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.1	24.1
71	32.7	27.4	41.2

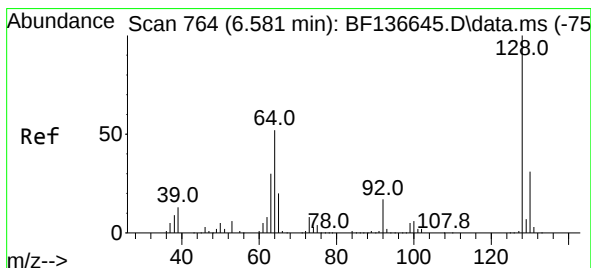
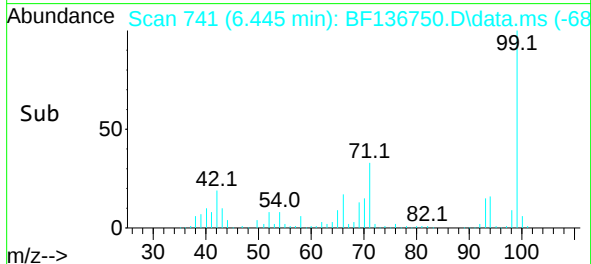
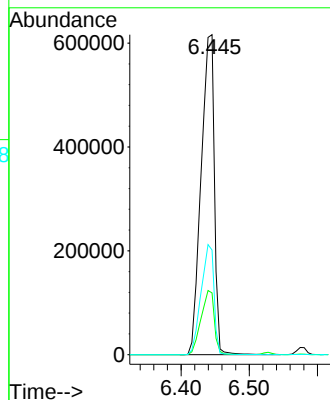
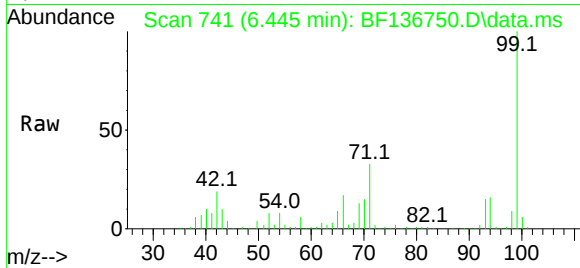
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#8

2-Chlorophenol

Concen: 41.847 ng

RT: 6.581 min Scan# 764

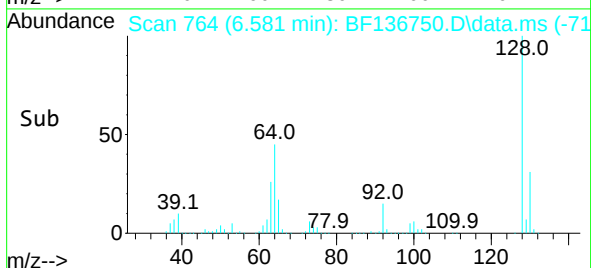
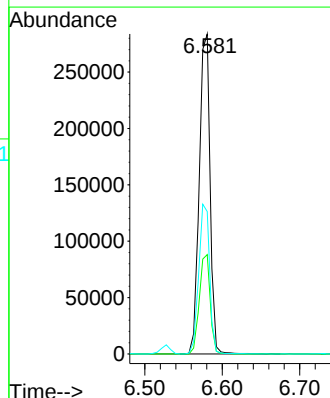
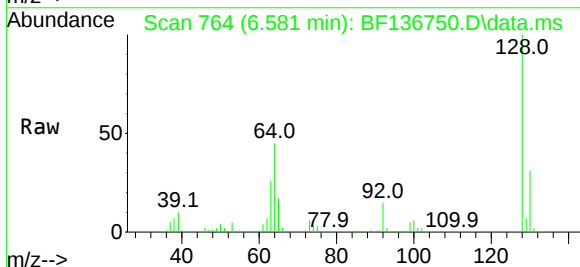
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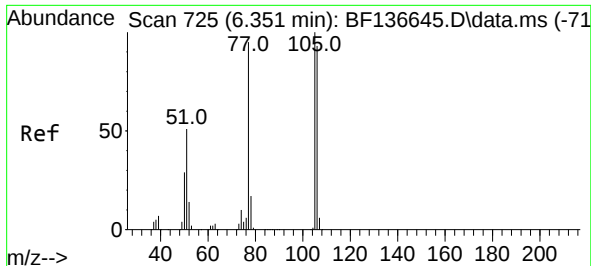
Lab File: BF136750.D

Acq: 27 Dec 2023 10:44

Tgt Ion:128 Resp: 274863

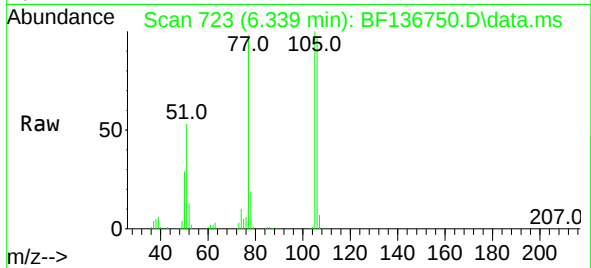
Ion	Ratio	Lower	Upper
128	100		
130	31.1	11.3	51.3
64	44.5	32.5	72.5





#9
Benzaldehyde
Concen: 13.484 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
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PB158018BS



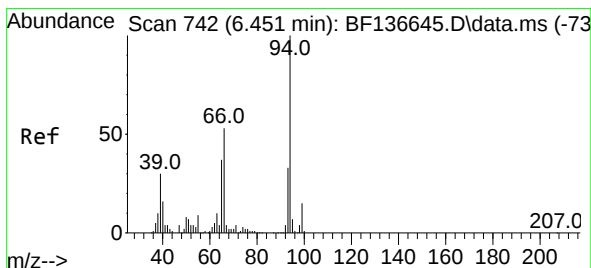
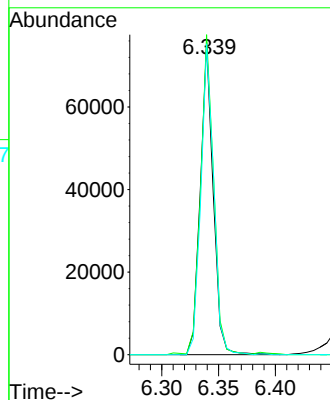
Tgt Ion: 77 Resp: 5965
Ion Ratio Lower Upper
77 100
105 102.5 84.8 124.8
106 99.6 77.8 117.8

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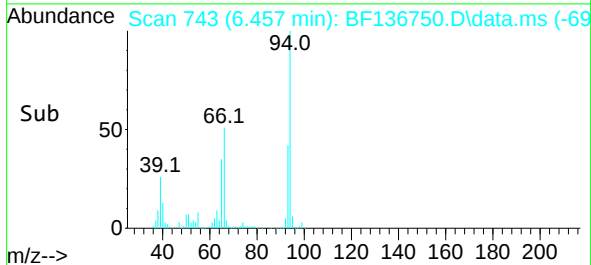
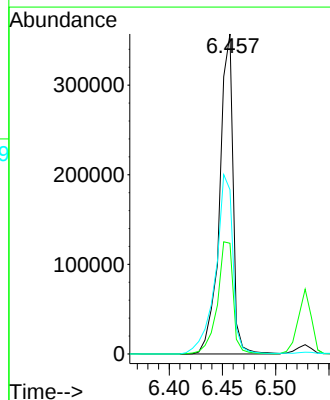
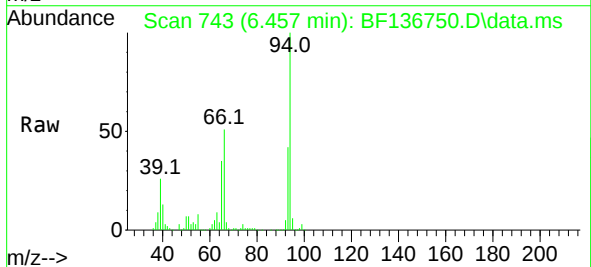
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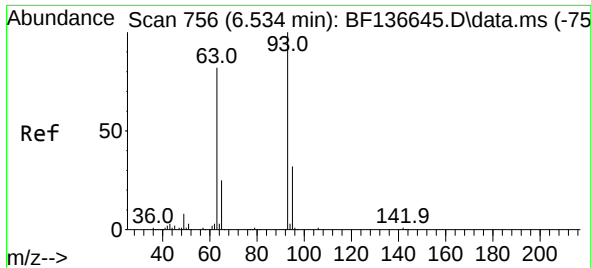
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#10
Phenol
Concen: 37.734 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

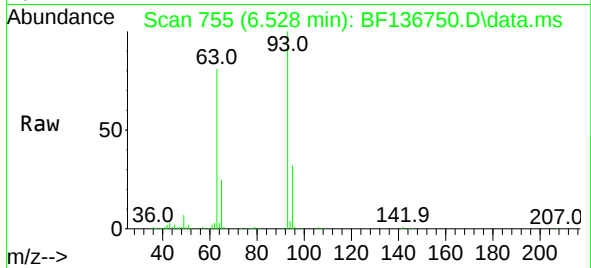
Tgt Ion: 94 Resp: 313281
Ion Ratio Lower Upper
94 100
65 34.6 16.6 56.6
66 51.3 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 40.289 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS



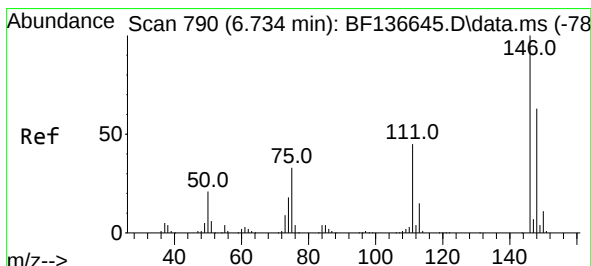
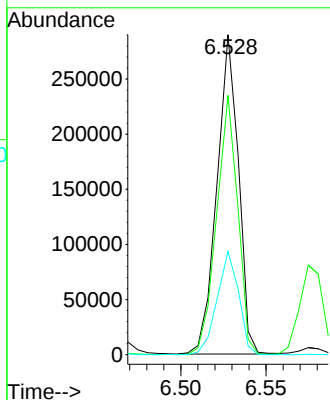
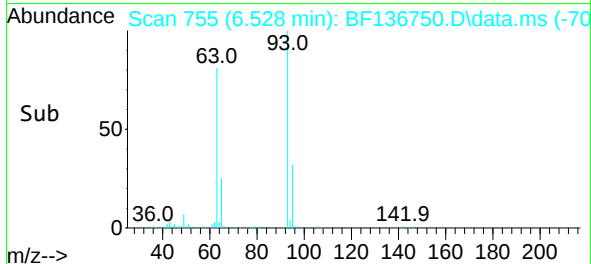
Tgt Ion: 93 Resp: 254380
Ion Ratio Lower Upper
93 100
63 81.1 61.2 101.2
95 32.2 11.6 51.6

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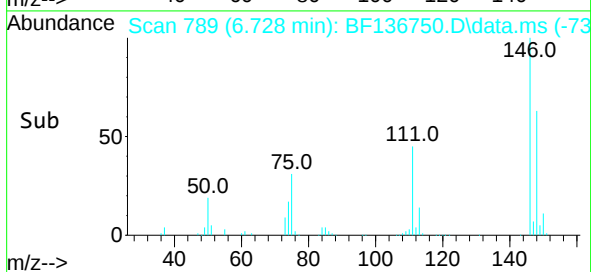
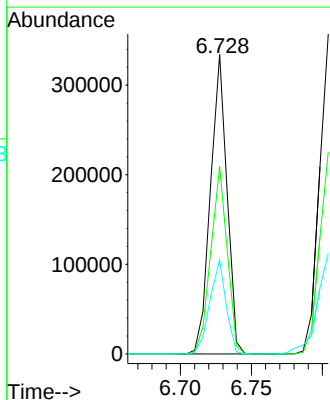
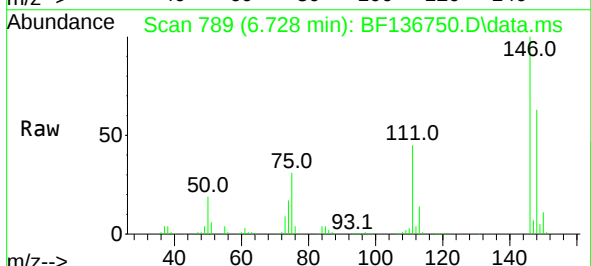
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Supervised By :mohammad
ahmed

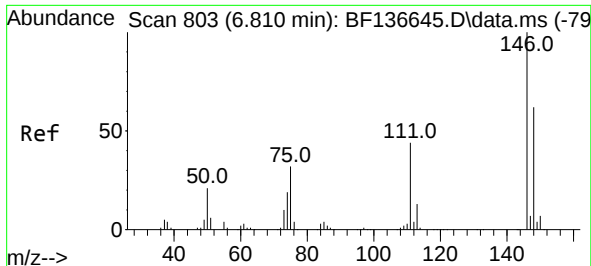
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#12
1,3-Dichlorobenzene
Concen: 37.791 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:146 Resp: 270783
Ion Ratio Lower Upper
146 100
148 62.6 50.5 75.7
75 31.3 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.742 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136750.D

Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS

Tgt Ion:146 Resp: 276329

Ion Ratio Lower Upper

146 100

148 63.2 49.2 73.8

111 42.8 35.2 52.8

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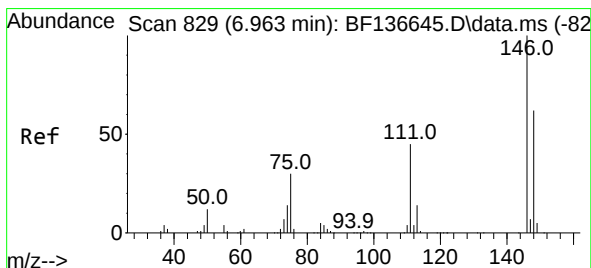
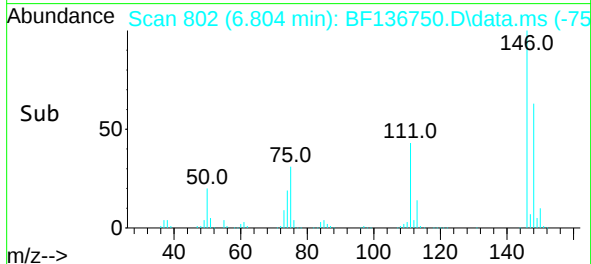
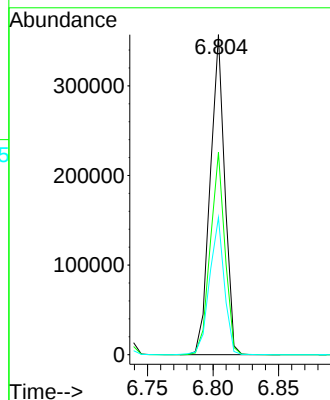
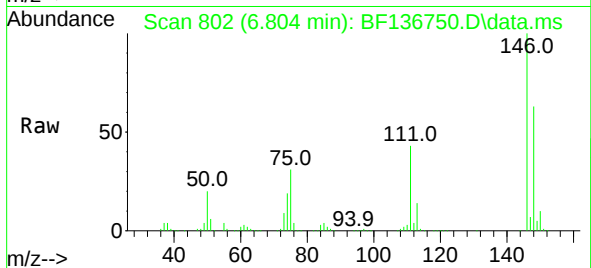
Reviewed By :Yogesh

Patel

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Supervised By :mohammad
ahmed

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#14

1,2-Dichlorobenzene

Concen: 38.704 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136750.D

Acq: 27 Dec 2023 10:44

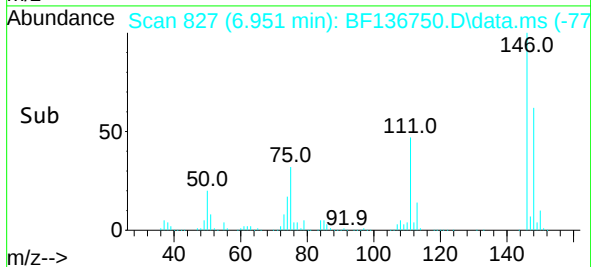
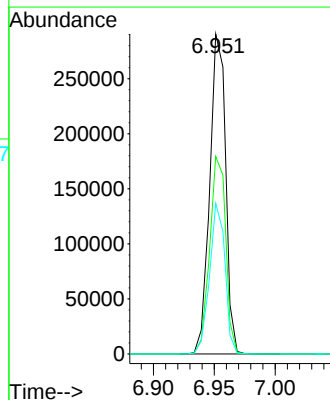
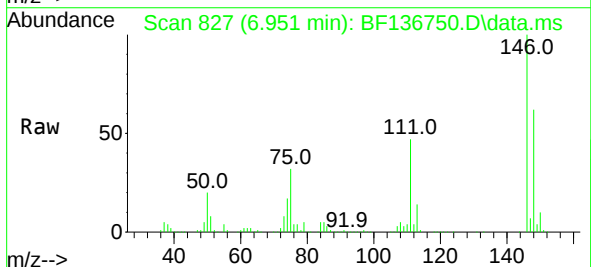
Tgt Ion:146 Resp: 263676

Ion Ratio Lower Upper

146 100

148 61.7 49.6 74.4

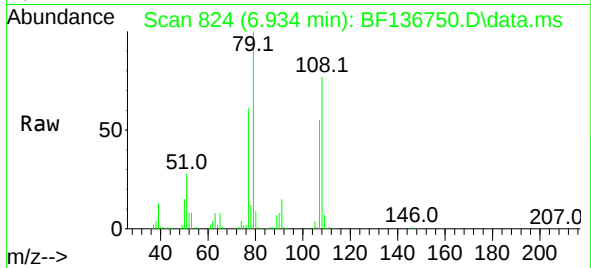
111 47.1 36.2 54.2





#15
Benzyl Alcohol
Concen: 41.885 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS



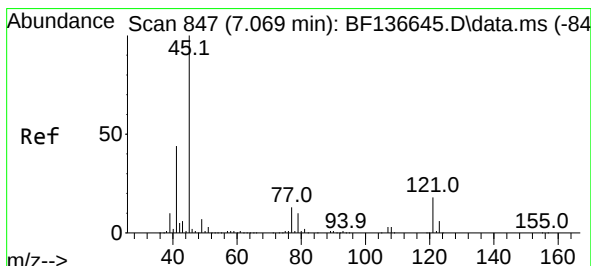
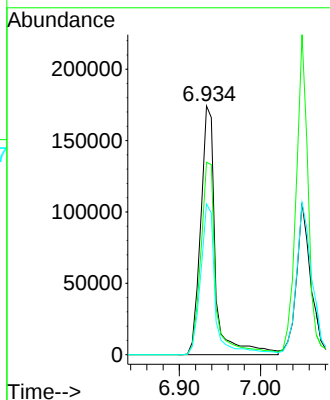
Tgt Ion: 79 Resp: 219760
Ion Ratio Lower Upper
79 100
108 77.4 61.0 91.6
77 60.6 49.8 74.8

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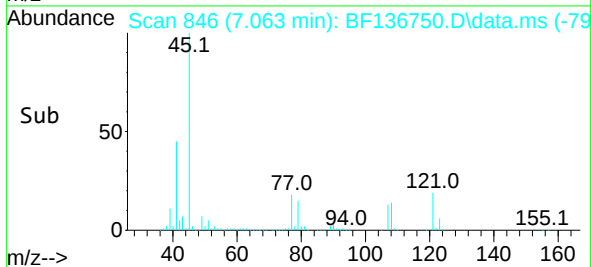
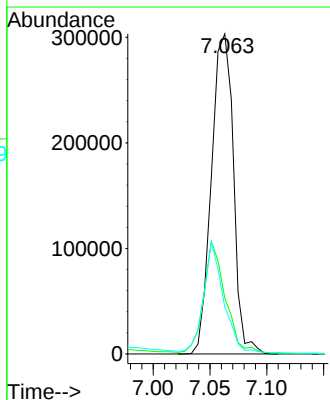
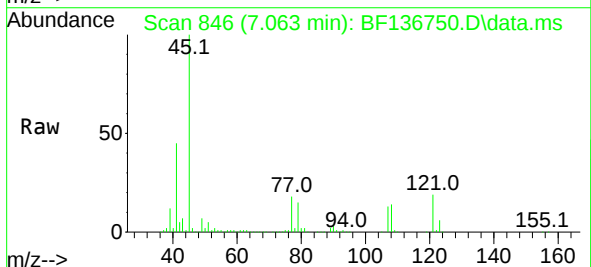
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Supervised By :mohammad
ahmed

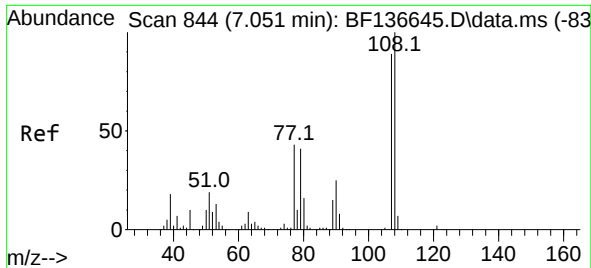
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.508 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

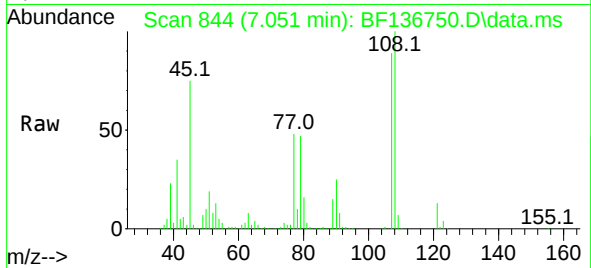
Tgt Ion: 45 Resp: 407825
Ion Ratio Lower Upper
45 100
77 17.5 0.0 34.3
79 14.6 0.0 31.4





#17
2-Methylphenol
Concen: 37.701 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS



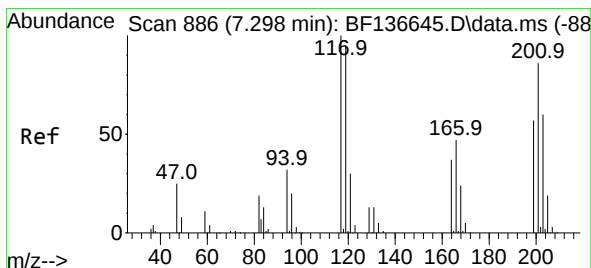
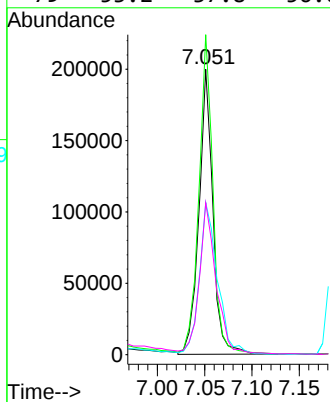
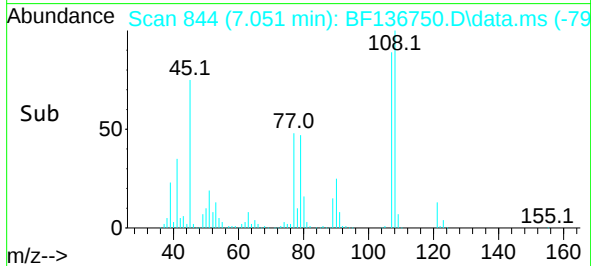
Tgt Ion:107 Resp: 20514
Ion Ratio Lower Upper
107 100
108 112.1 90.3 135.5
77 53.3 38.7 58.1
79 53.2 37.8 56.6

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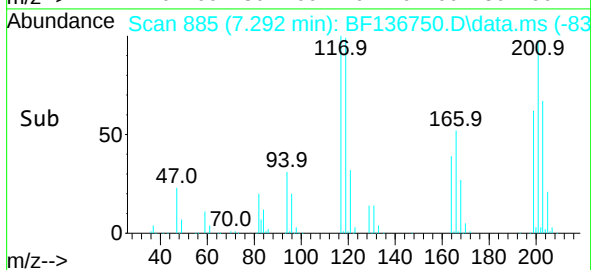
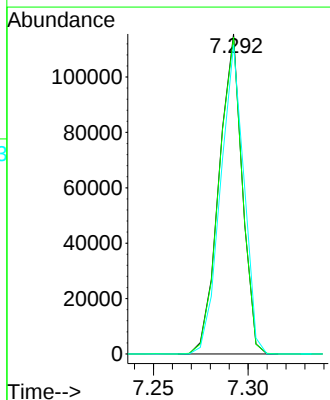
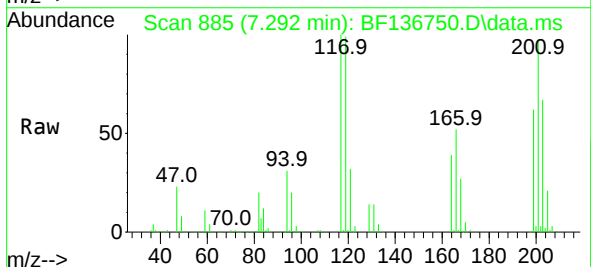
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Supervised By :mohammad
ahmed

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#18
Hexachloroethane
Concen: 36.922 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

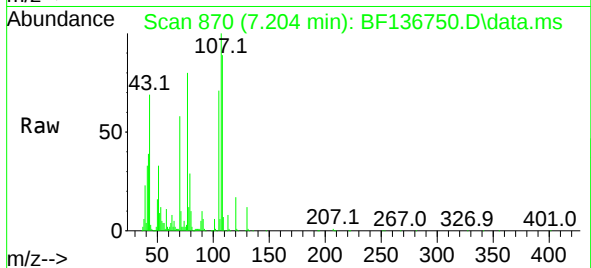
Tgt Ion:117 Resp: 98171
Ion Ratio Lower Upper
117 100
119 99.0 75.8 113.6
201 96.6 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.790 ng
RT: 7.204 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS



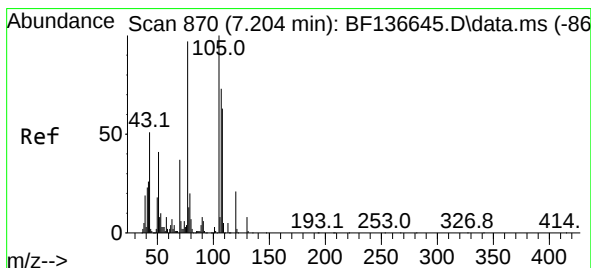
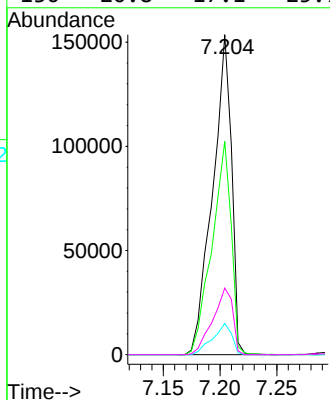
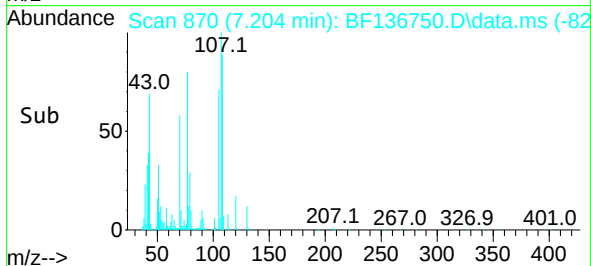
Tgt Ion: 70 Resp: 17816
Ion Ratio Lower Upper
70 100
42 66.7 54.2 81.4
101 9.8 7.6 11.4
130 20.8 17.1 25.7

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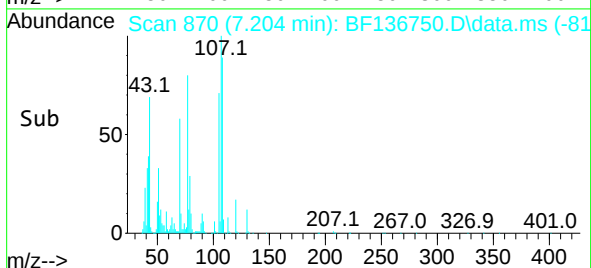
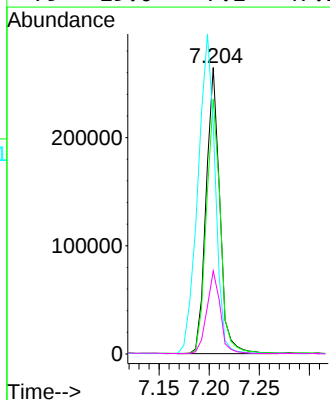
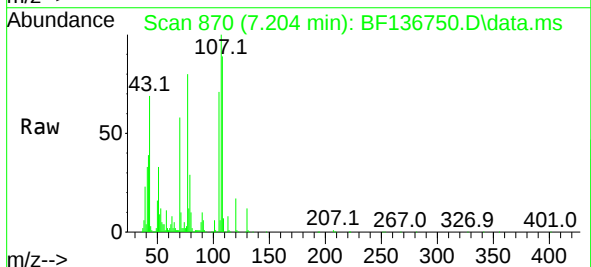
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Supervised By :mohammad
ahmed

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#20
3+4-Methylphenols
Concen: 36.985 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:107 Resp: 251424
Ion Ratio Lower Upper
107 100
108 89.0 66.0 106.0
77 80.3 114.2 154.2#
79 29.0 7.2 47.2





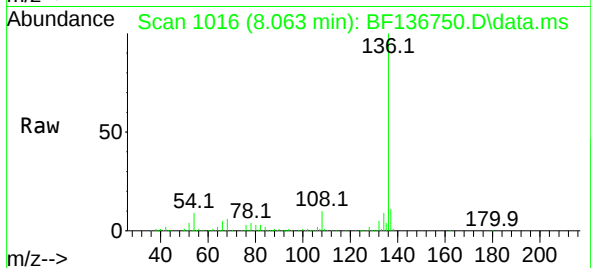
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:136 Resp: 368840
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.6 7.2 10.8
68 5.6 4.9 7.3

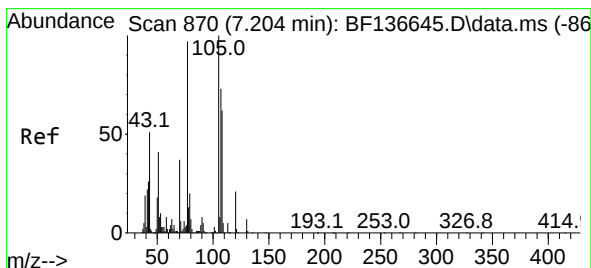
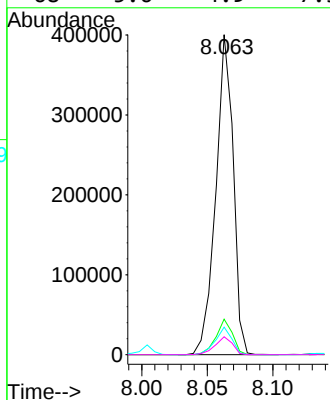
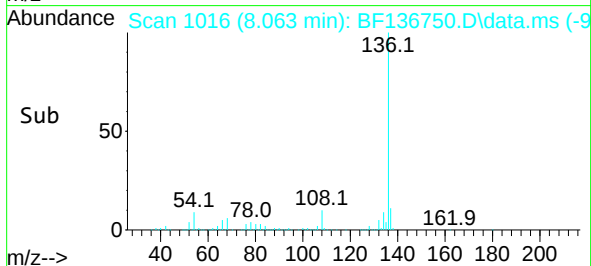
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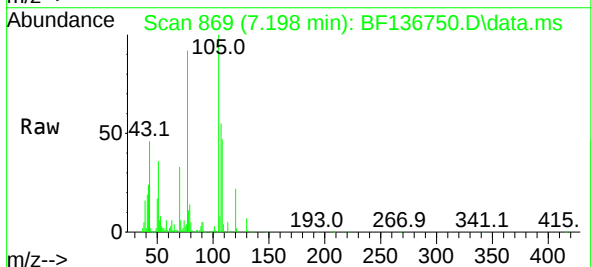
12/28/2023

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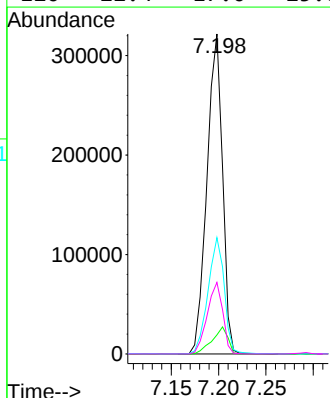
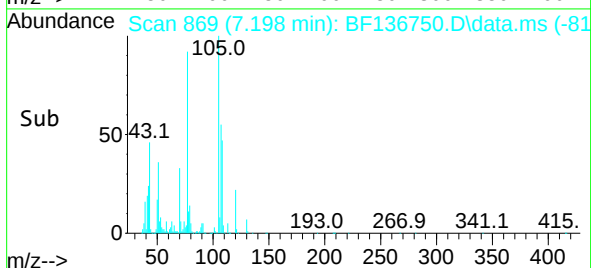
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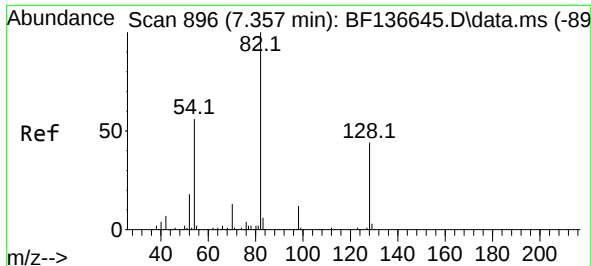


#22
Acetophenone
Concen: 39.665 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44



Tgt Ion:105 Resp: 366699
Ion Ratio Lower Upper
105 100
71 5.9 4.8 7.2
51 36.3 32.8 49.2
120 22.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 73.286 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136750.D

Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS

Tgt Ion: 82 Resp: 528240

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.3	52.9
54	54.9	44.5	66.7

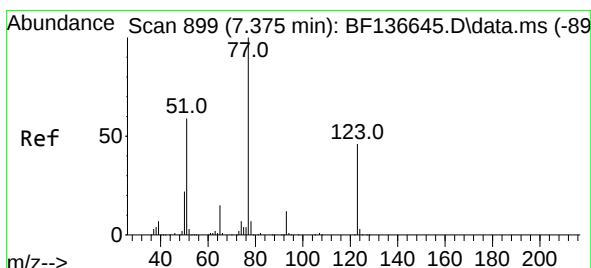
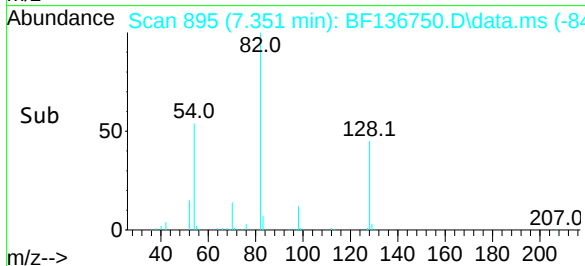
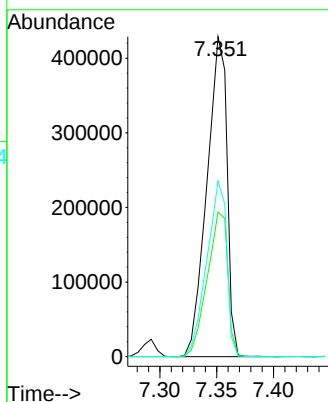
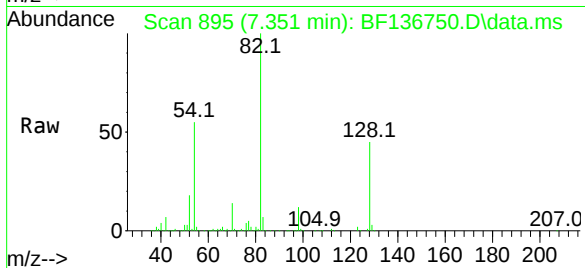
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ahmed

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#24

Nitrobenzene

Concen: 38.096 ng

RT: 7.369 min Scan# 898

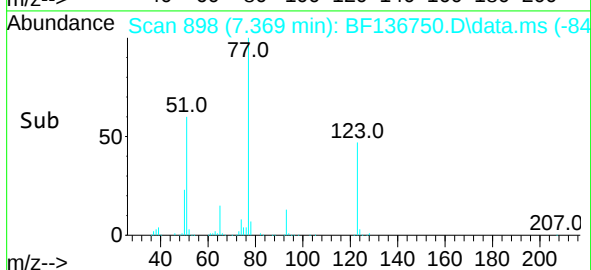
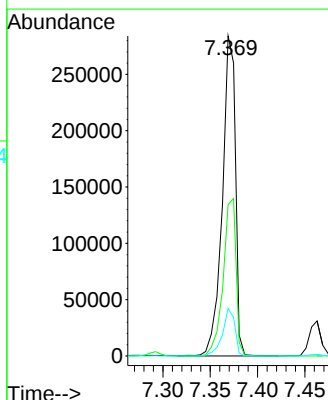
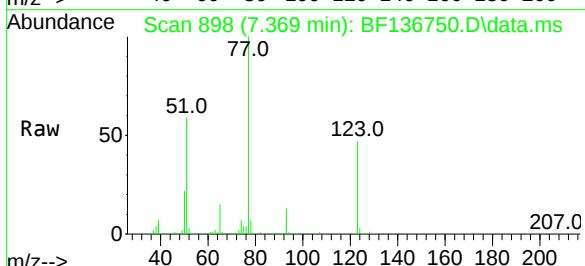
Delta R.T. -0.006 min

Lab File: BF136750.D

Acq: 27 Dec 2023 10:44

Tgt Ion: 77 Resp: 275075

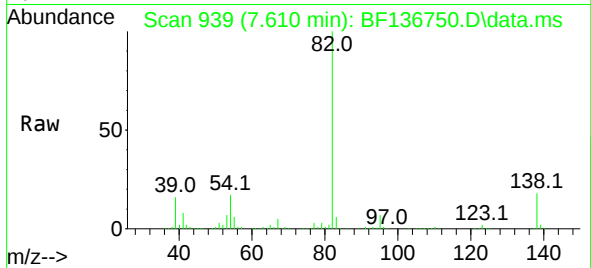
Ion	Ratio	Lower	Upper
77	100		
123	47.3	36.7	55.1
65	14.9	11.8	17.6





#25
Isophorone
Concen: 37.337 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS



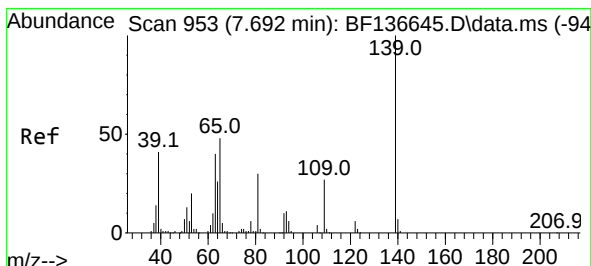
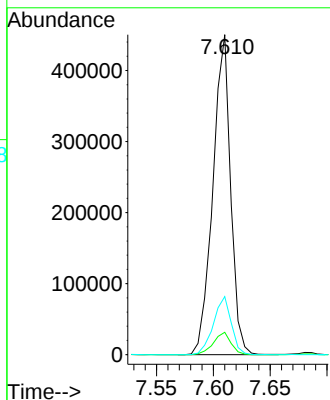
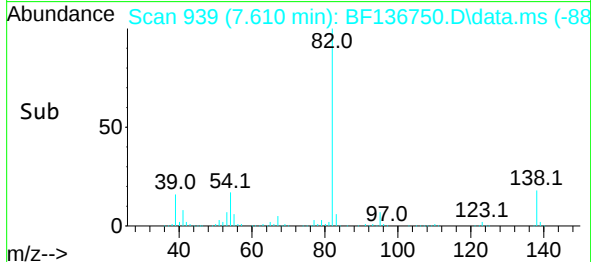
Tgt Ion: 82 Resp: 48969
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.2 14.5 21.7

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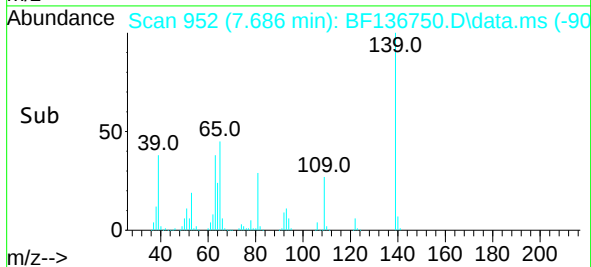
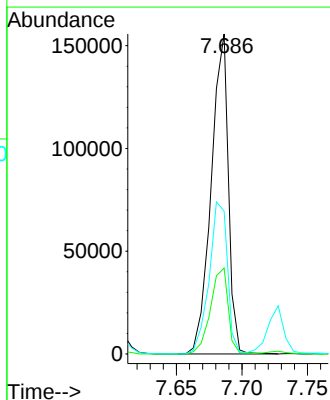
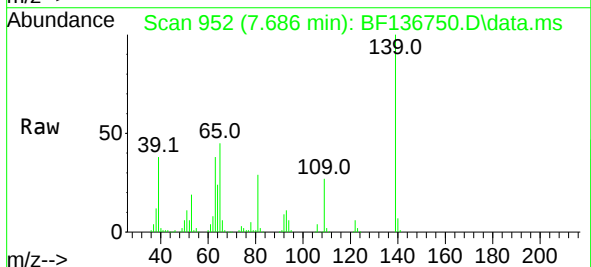
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Supervised By :mohammad
ahmed

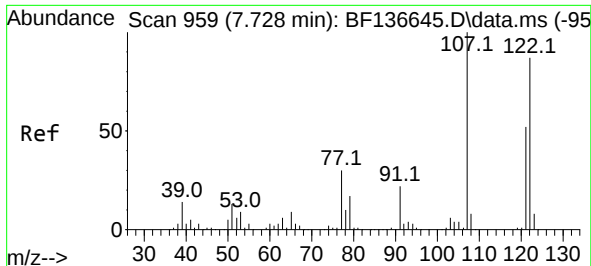
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#26
2-Nitrophenol
Concen: 41.087 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:139 Resp: 141939
Ion Ratio Lower Upper
139 100
109 26.9 21.9 32.9
65 44.6 38.6 58.0





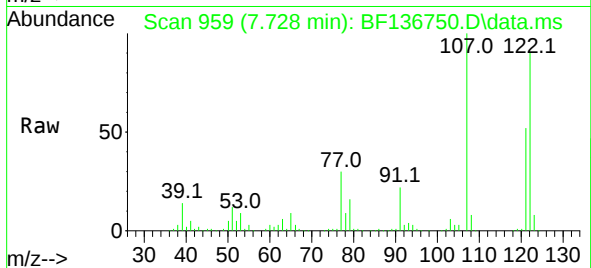
#27
2,4-Dimethylphenol
Concen: 48.679 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:122 Resp: 20473
Ion Ratio Lower Upper
122 100
107 111.7 92.0 138.0
121 58.0 47.5 71.3

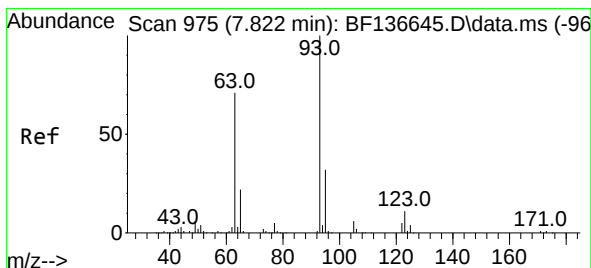
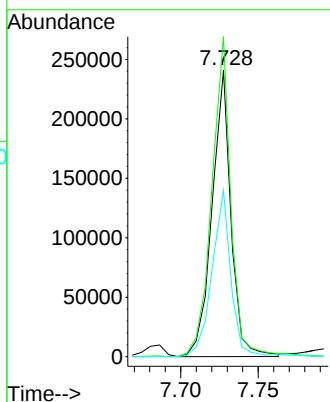
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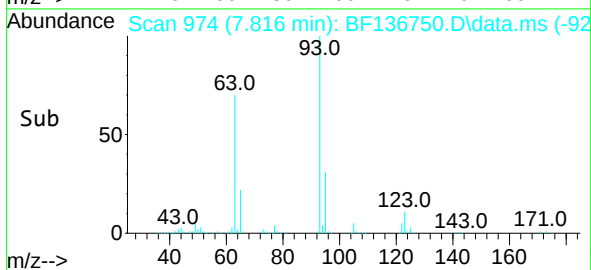
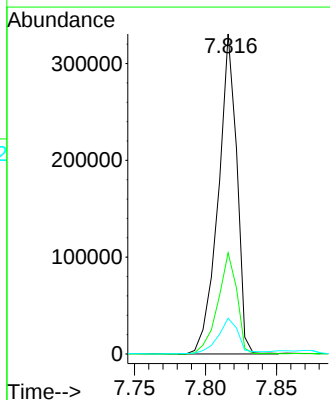
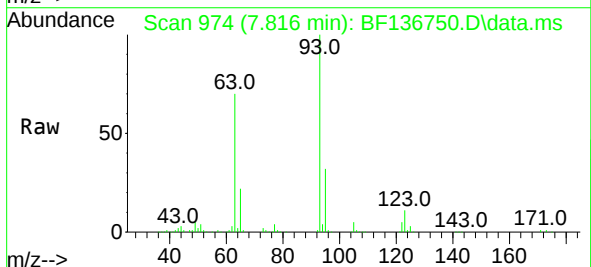
Supervised By :mohammad
ahmed

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#28
bis(2-Chloroethoxy)methane
Concen: 37.664 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion: 93 Resp: 300268
Ion Ratio Lower Upper
93 100
95 31.6 25.5 38.3
123 11.2 9.2 13.8





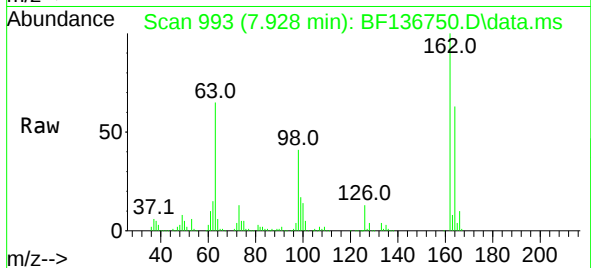
#29
2,4-Dichlorophenol
Concen: 37.622 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:162 Resp: 203710
Ion Ratio Lower Upper
162 100
164 62.7 41.7 81.7
98 40.5 19.5 59.5

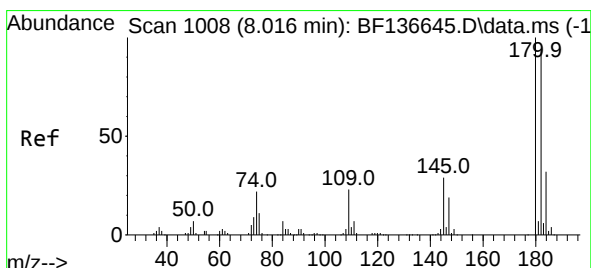
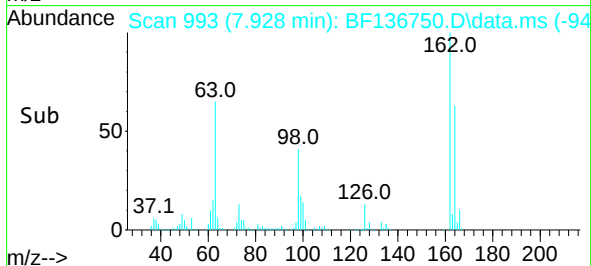
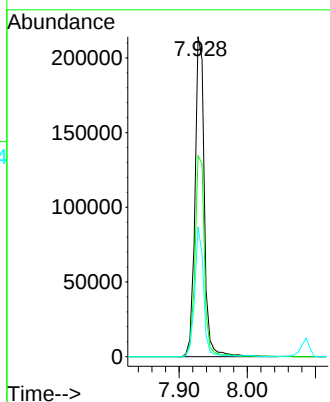
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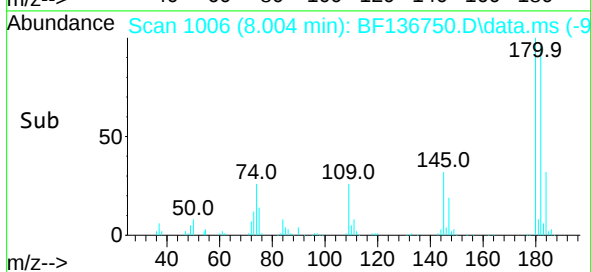
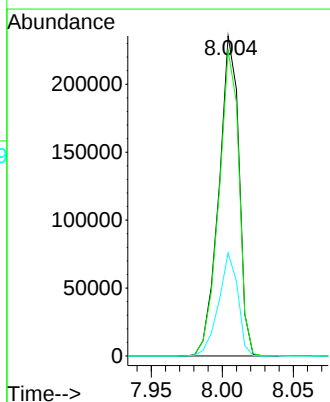
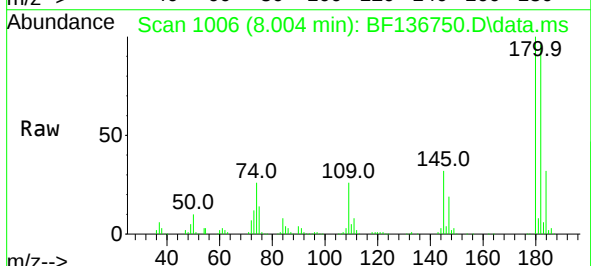
Supervised By :mohammad
ahmed

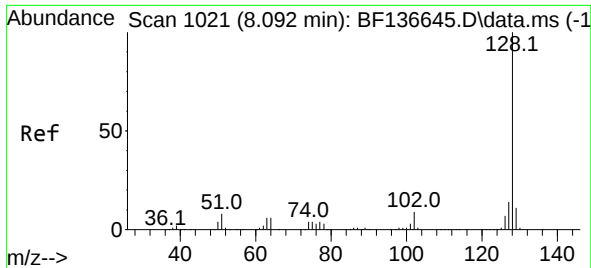
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#30
1,2,4-Trichlorobenzene
Concen: 38.322 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:180 Resp: 231192
Ion Ratio Lower Upper
180 100
182 95.5 75.4 113.0
145 32.2 23.1 34.7





#31
Naphthalene
Concen: 38.029 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS

Tgt Ion:128 Resp: 770589
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.8 16.2

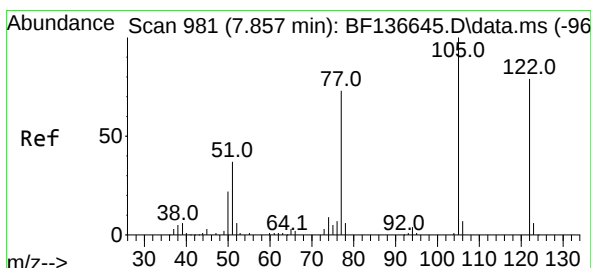
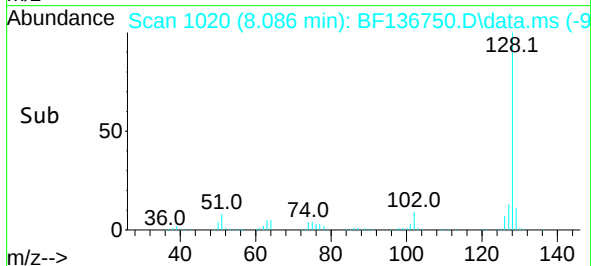
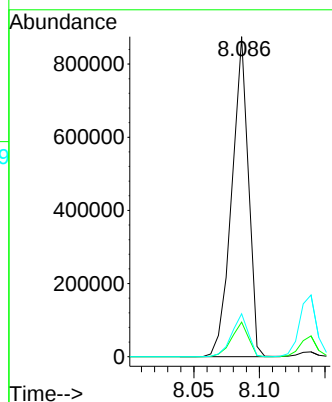
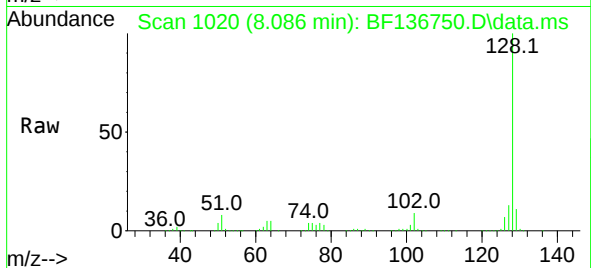
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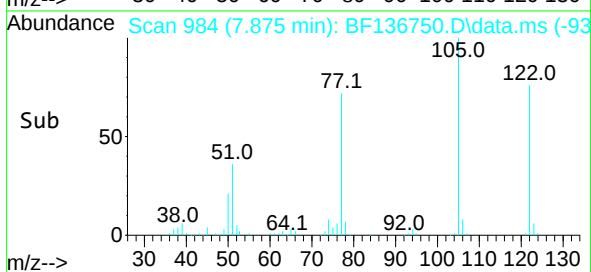
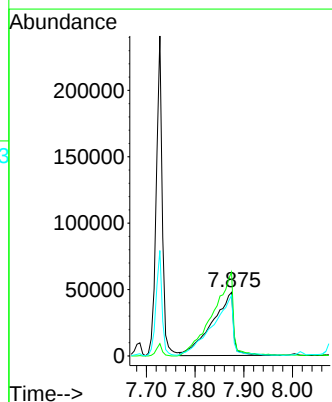
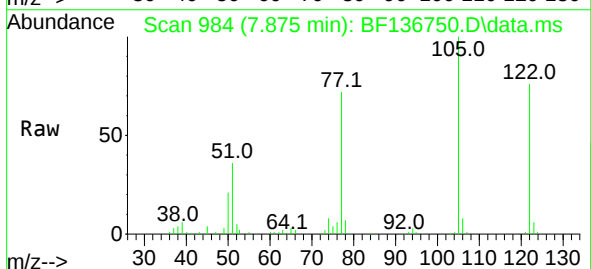
Supervised By :mohammad
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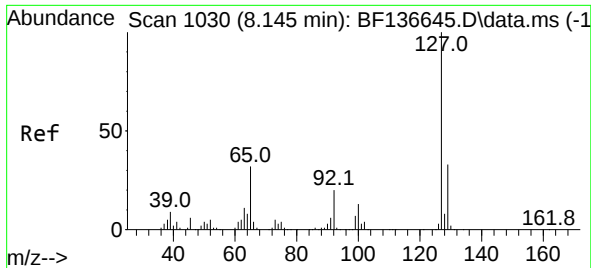
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#32
Benzoic acid
Concen: 36.142 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:122 Resp: 147074
Ion Ratio Lower Upper
122 100
105 132.1 100.8 140.8
77 95.4 70.9 110.9





#33
4-Chloroaniline
Concen: 21.493 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS

Tgt Ion:127 Resp: 16080
Ion Ratio Lower Upper
127 100
129 33.7 26.3 39.5
65 28.2 25.8 38.8
92 18.8 15.8 23.6

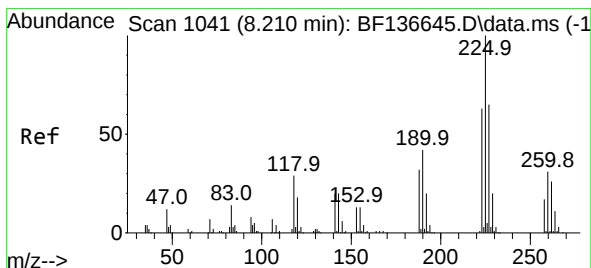
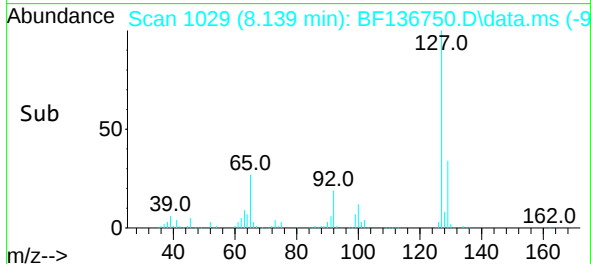
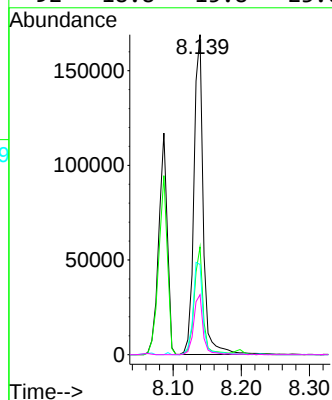
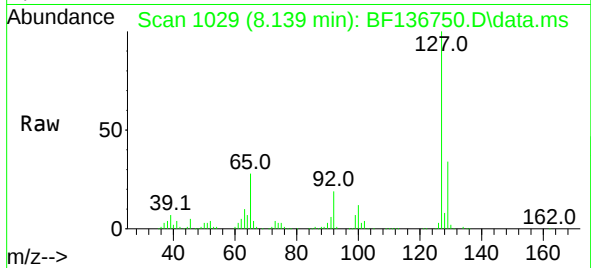
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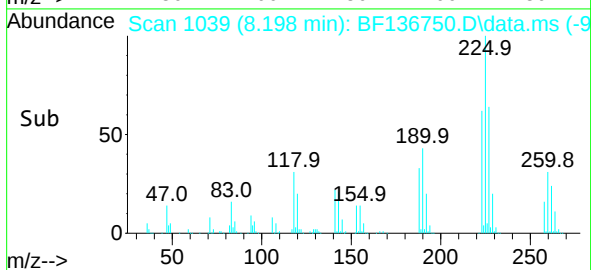
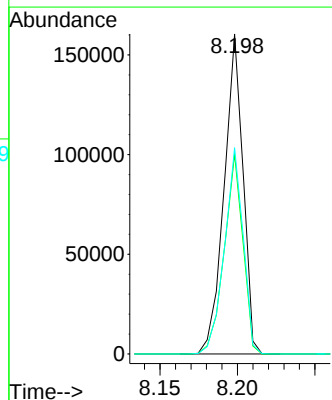
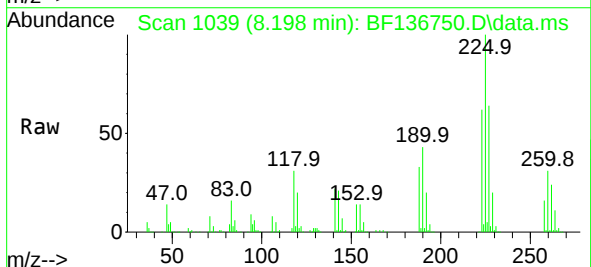
Supervised By :mohammad
ahmed

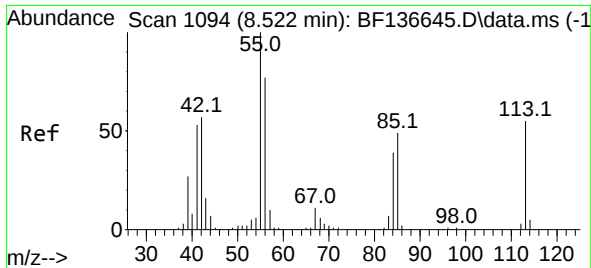
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#34
Hexachlorobutadiene
Concen: 37.122 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:225 Resp: 136066
Ion Ratio Lower Upper
225 100
223 62.4 50.6 76.0
227 64.4 51.9 77.9





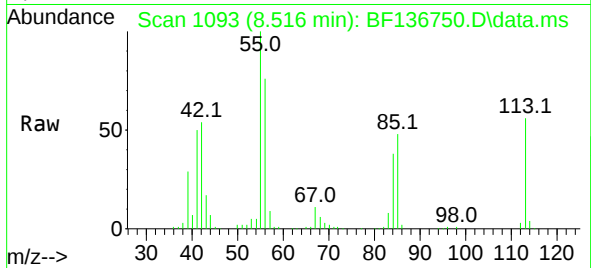
#35
Caprolactam
Concen: 34.906 ng m
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

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Tgt Ion:113 Resp: 6235
Ion Ratio Lower Upper
113 100
55 180.0 163.1 203.1
56 136.5 121.7 161.7

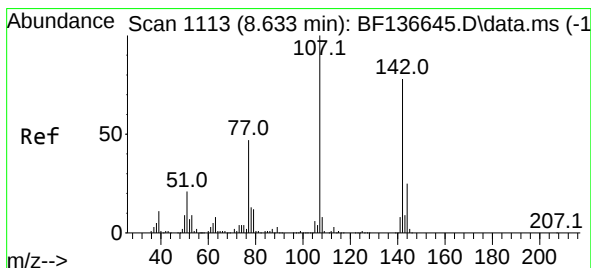
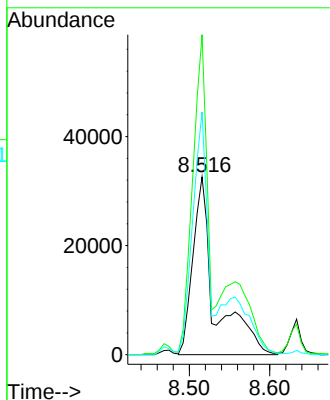
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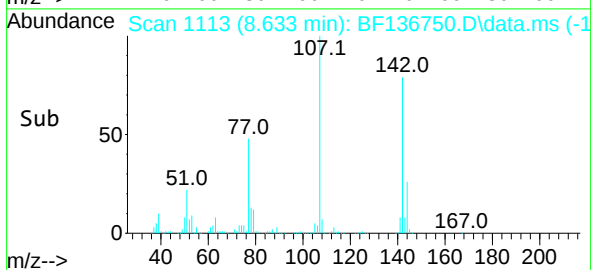
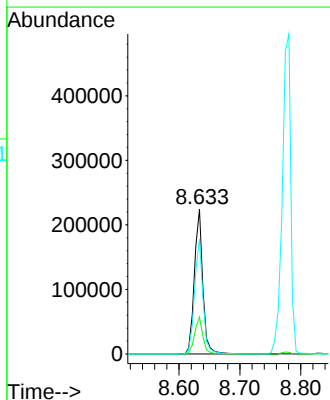
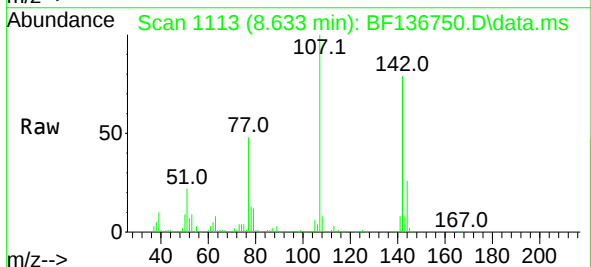
Supervised By :mohammad
ahmed

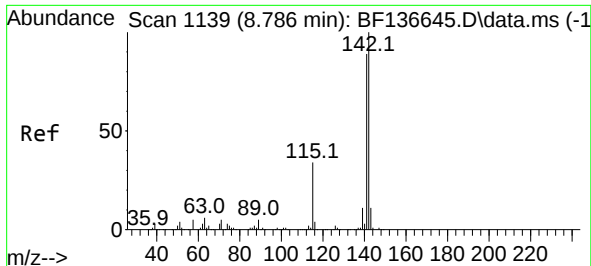
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#36
4-Chloro-3-methylphenol
Concen: 35.313 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:107 Resp: 215253
Ion Ratio Lower Upper
107 100
144 25.5 20.2 30.2
142 79.3 62.3 93.5





#37
2-Methylnaphthalene
Concen: 36.699 ng
RT: 8.780 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS

Tgt Ion:142 Resp: 47858
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7

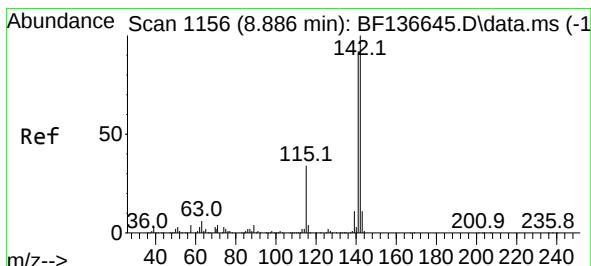
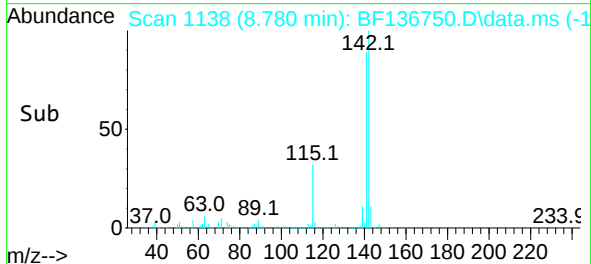
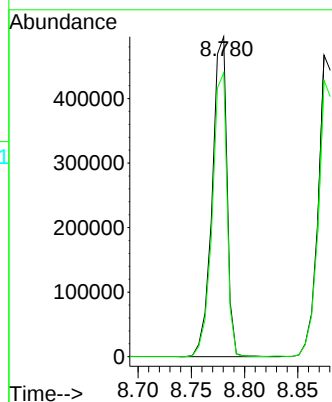
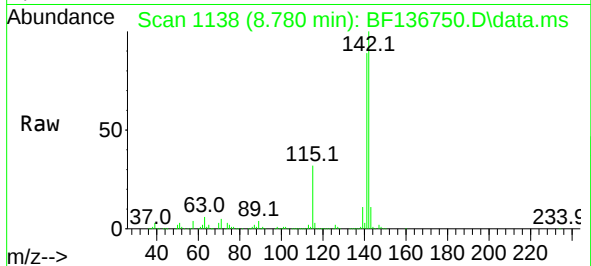
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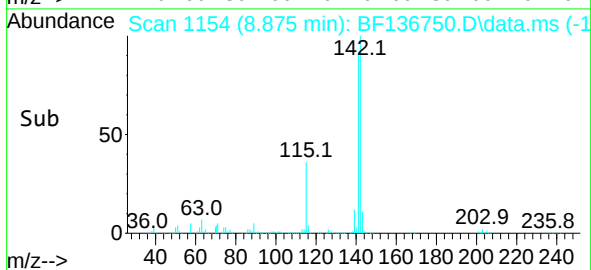
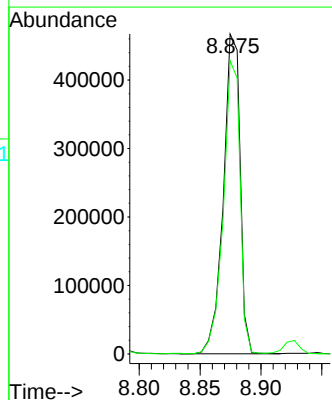
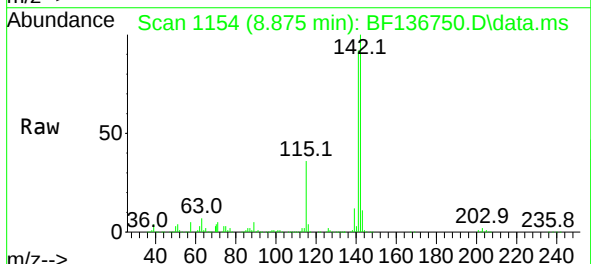
Supervised By :mohammad
ahmed

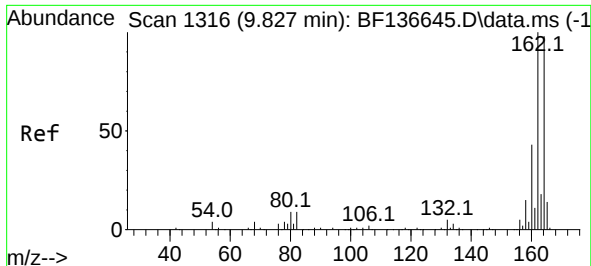
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#38
1-Methylnaphthalene
Concen: 35.048 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:142 Resp: 448412
Ion Ratio Lower Upper
142 100
141 91.6 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136750.D

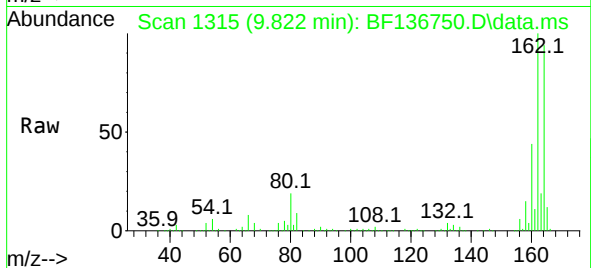
Acq: 27 Dec 2023 10:44

Instrument :

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ClientSampleId :

PB158018BS



Tgt Ion:164 Resp: 168319

Ion	Ratio	Lower	Upper
164	100		
162	106.1	81.6	122.4
160	46.4	34.9	52.3

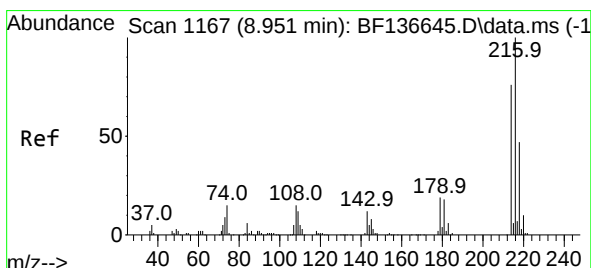
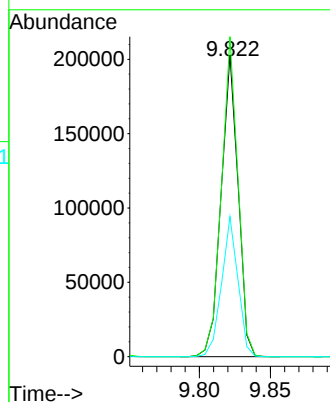
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#40

1,2,4,5-Tetrachlorobenzene

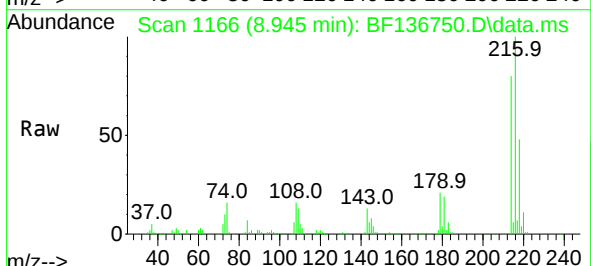
Concen: 43.179 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

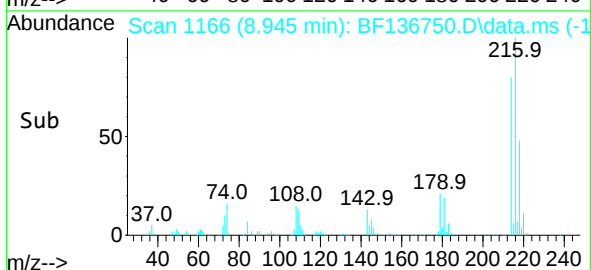
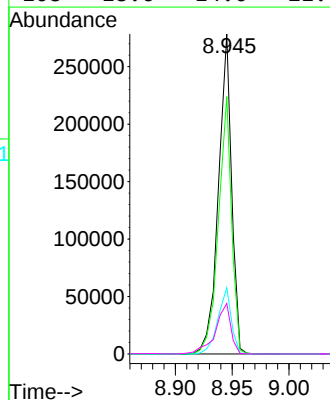
Lab File: BF136750.D

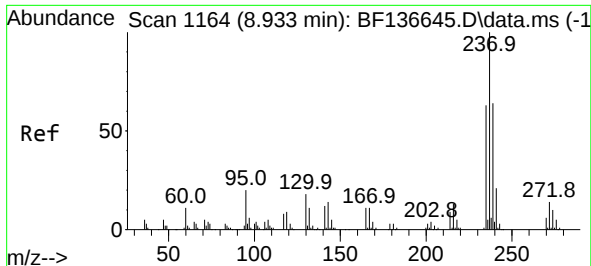
Acq: 27 Dec 2023 10:44



Tgt Ion:216 Resp: 225079

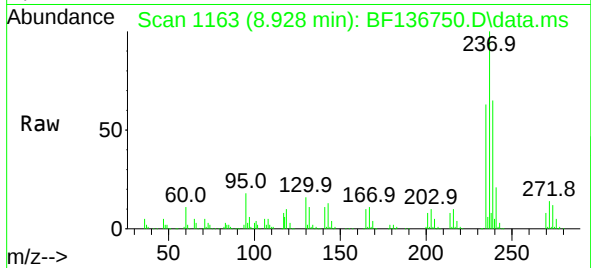
Ion	Ratio	Lower	Upper
216	100		
214	80.3	62.3	93.5
179	21.1	16.4	24.6
108	18.6	14.0	21.0





#41
Hexachlorocyclopentadiene
Concen: 87.198 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS



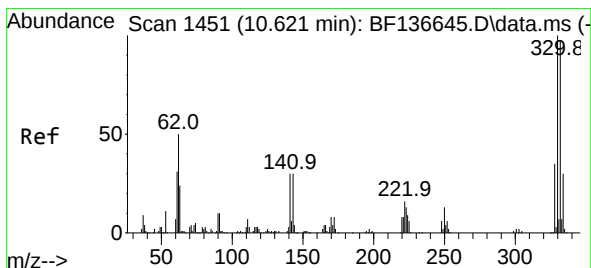
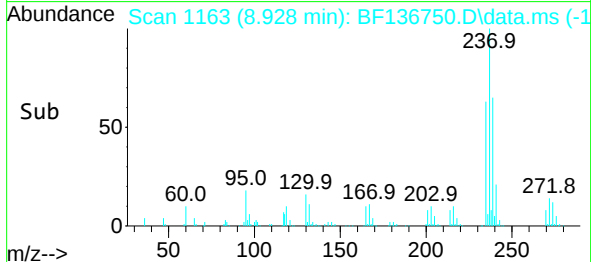
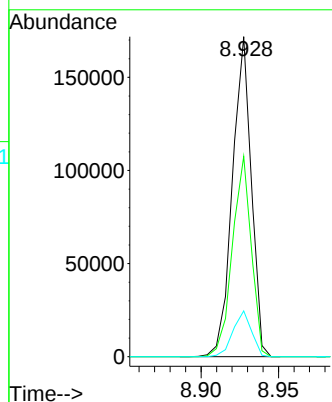
Tgt Ion:237 Resp: 145709
Ion Ratio Lower Upper
237 100
235 62.6 43.2 83.2
272 14.3 0.0 34.2

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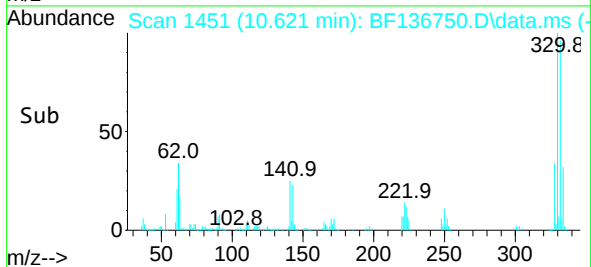
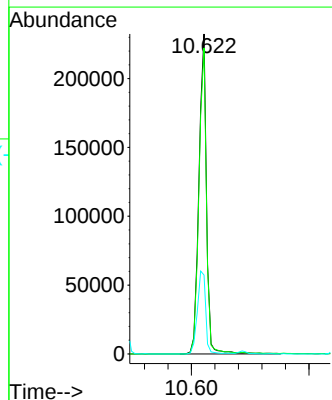
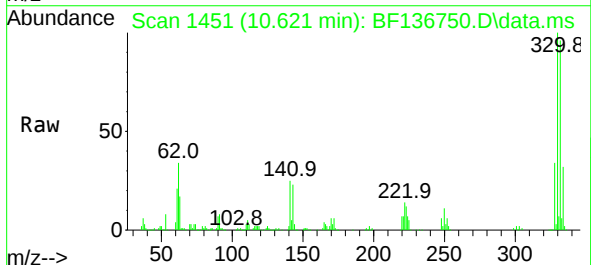
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ahmed

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#42
2,4,6-Tribromophenol
Concen: 105.088 ng
RT: 10.621 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:330 Resp: 208320
Ion Ratio Lower Upper
330 100
332 94.7 77.4 116.0
141 28.5 23.4 35.2





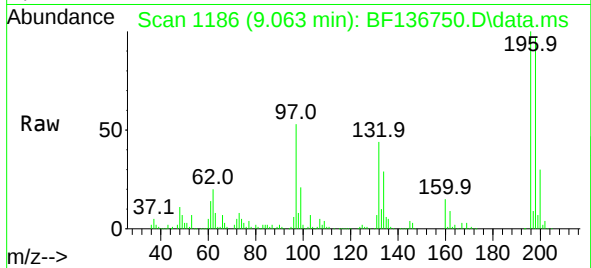
#43
2,4,6-Trichlorophenol
Concen: 41.243 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:196 Resp: 137870
Ion Ratio Lower Upper
196 100
198 97.3 75.1 112.7
200 30.3 22.5 33.7

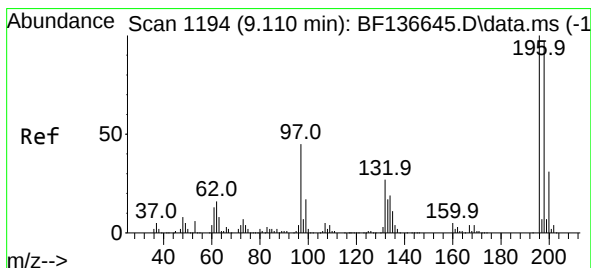
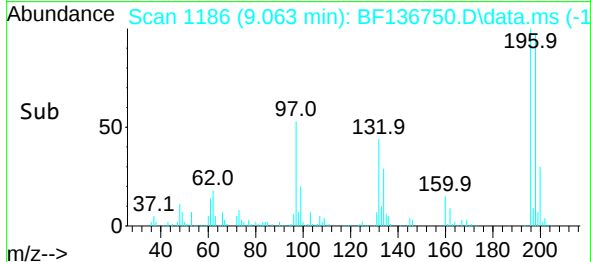
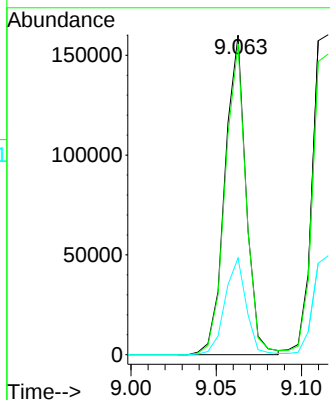
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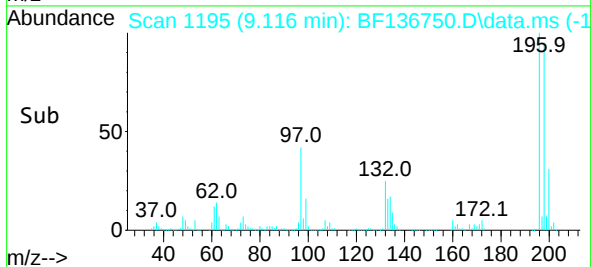
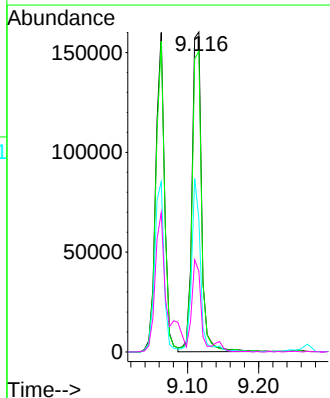
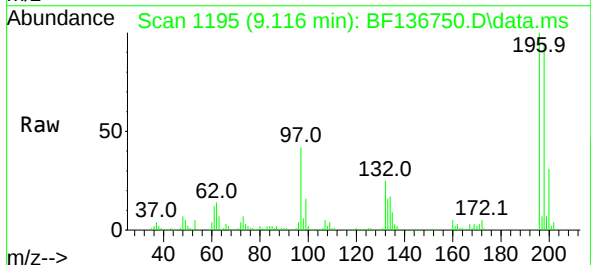
Supervised By :mohammad
ahmed

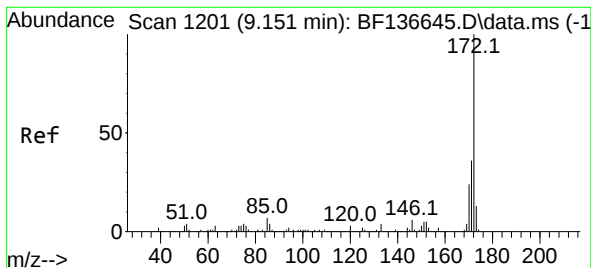
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#44
2,4,5-Trichlorophenol
Concen: 40.241 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:196 Resp: 149913
Ion Ratio Lower Upper
196 100
198 94.0 77.0 115.6
97 41.8 36.1 54.1
132 25.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 77.040 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136750.D

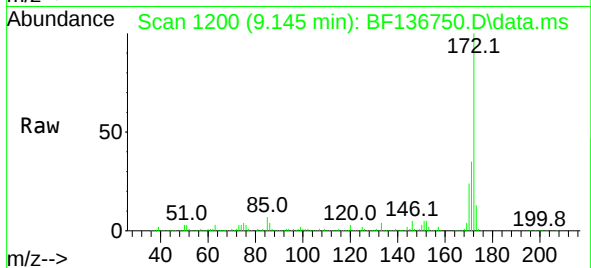
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:172 Resp: 964118

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

170 23.6 19.0 28.4

Manual Integrations

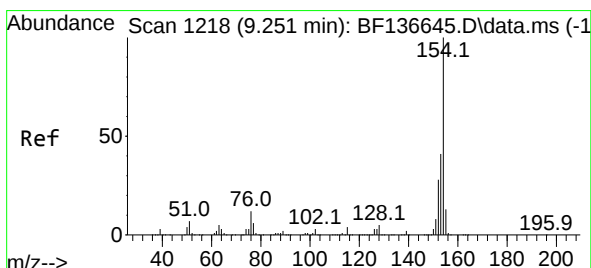
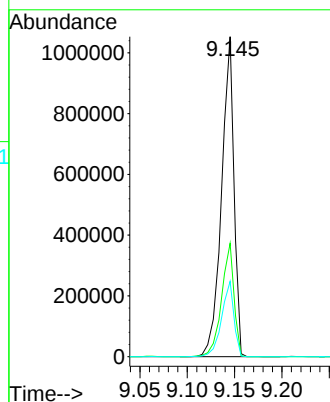
APPROVED

Reviewed By :Yogesh
Patel

12/28/2023

Supervised By :mohammad
ahmed

12/28/2023



#46

1,1'-Biphenyl

Concen: 40.835 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136750.D

Acq: 27 Dec 2023 10:44

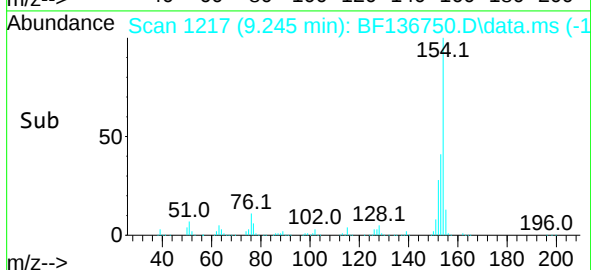
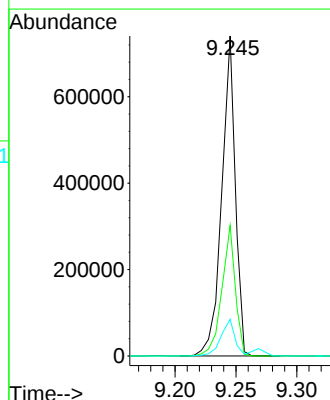
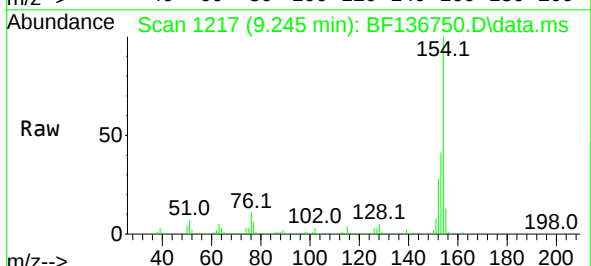
Tgt Ion:154 Resp: 576777

Ion Ratio Lower Upper

154 100

153 40.8 21.1 61.1

76 11.5 0.0 31.7





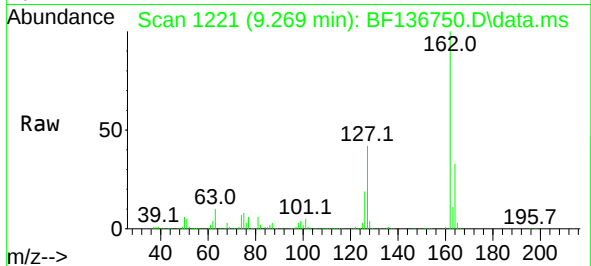
#47
2-Chloronaphthalene
Concen: 40.169 ng
RT: 9.269 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:162 Resp: 431319
Ion Ratio Lower Upper
162 100
127 42.5 33.6 50.4
164 32.6 25.7 38.5

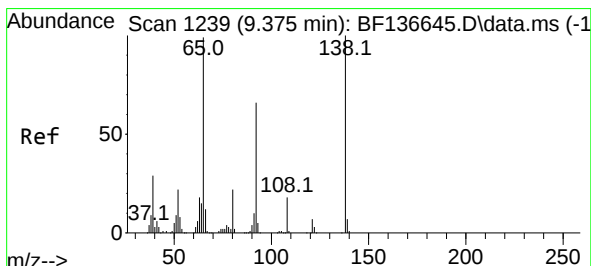
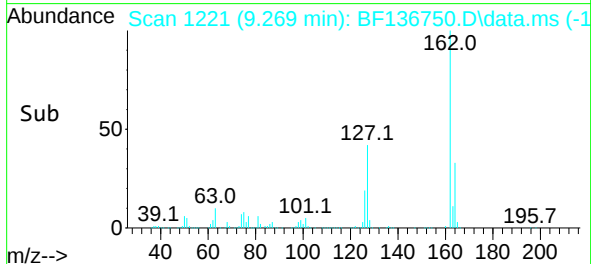
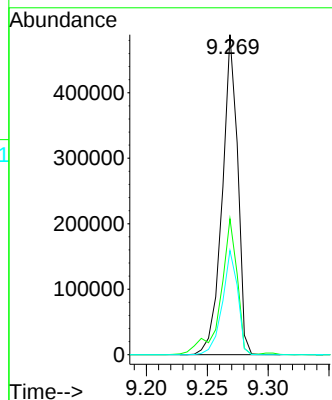
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

12/28/2023

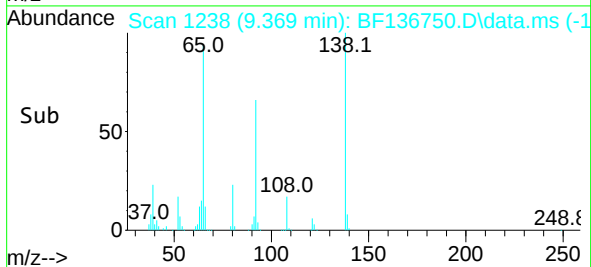
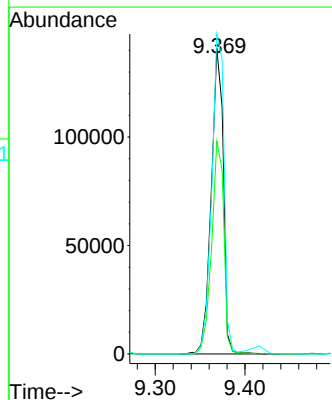
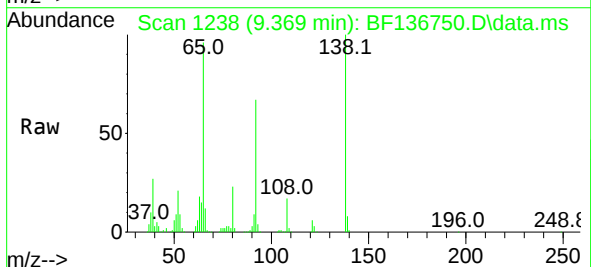
Supervised By :mohammad
ahmed

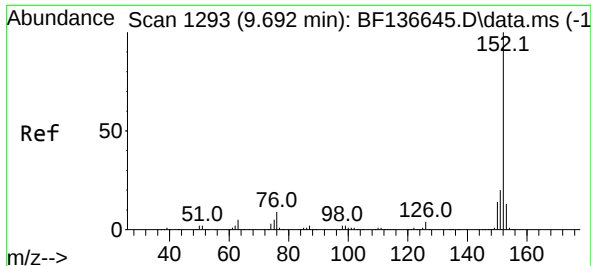
12/28/2023



#48
2-Nitroaniline
Concen: 39.208 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

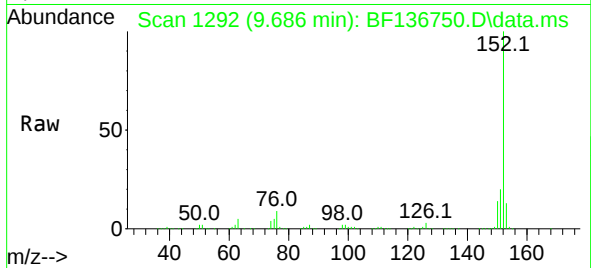
Tgt Ion: 65 Resp: 131836
Ion Ratio Lower Upper
65 100
92 69.6 53.2 79.8
138 104.6 81.1 121.7





#49
Acenaphthylene
Concen: 41.522 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS



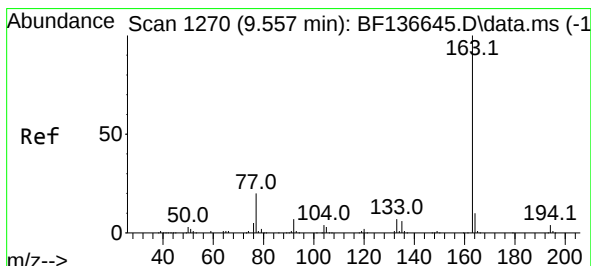
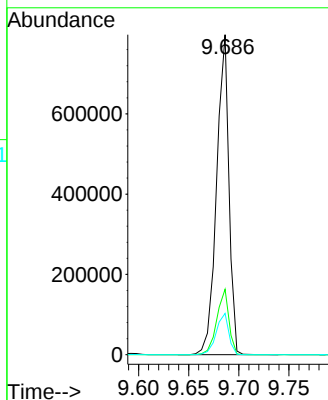
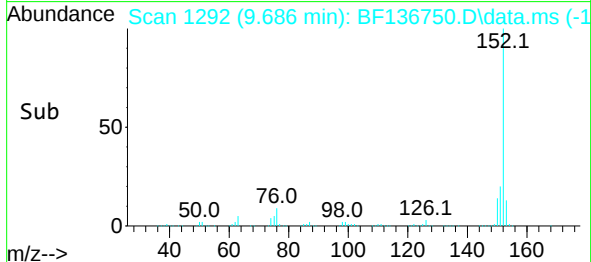
Tgt Ion:152 Resp: 681472
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 12.9 10.2 15.2

Manual Integrations
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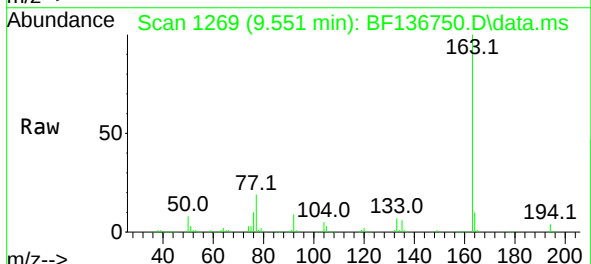
Reviewed By :Yogesh
Patel

12/28/2023
Supervised By :mohammad
ahmed

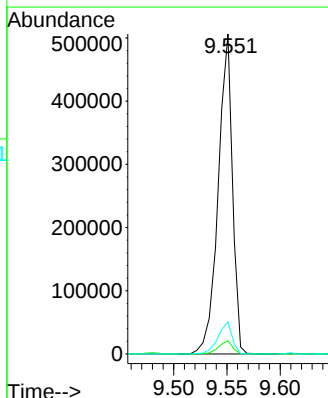
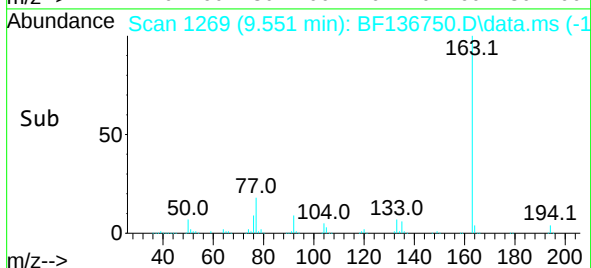
12/28/2023

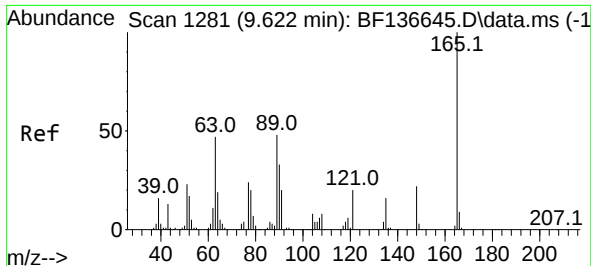


#50
Dimethylphthalate
Concen: 38.307 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44



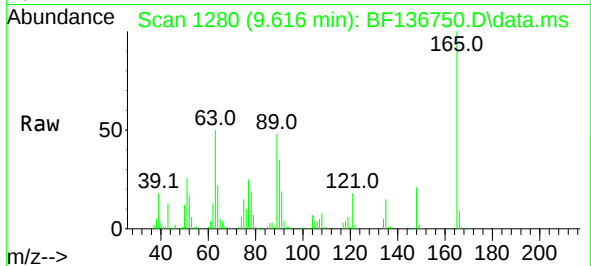
Tgt Ion:163 Resp: 470961
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 38.241 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS



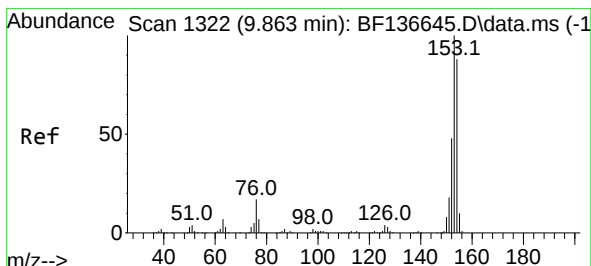
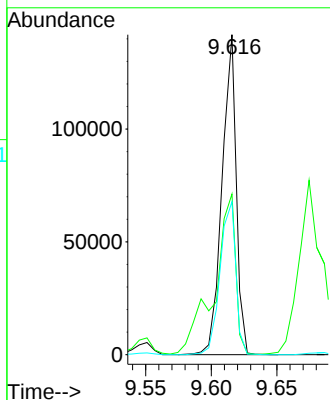
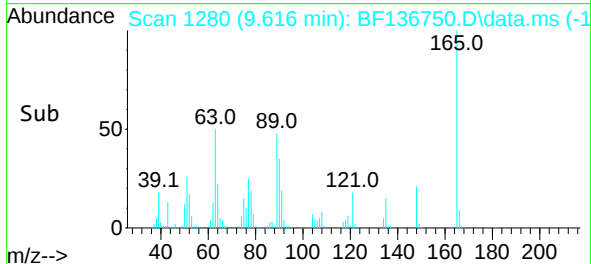
Tgt Ion:165 Resp: 10670
Ion Ratio Lower Upper
165 100
63 50.2 39.8 59.6
89 47.8 38.8 58.2

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Reviewed By :Yogesh
Patel

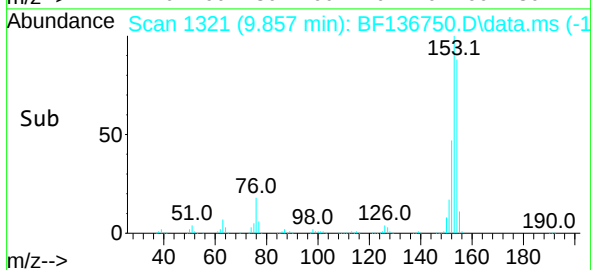
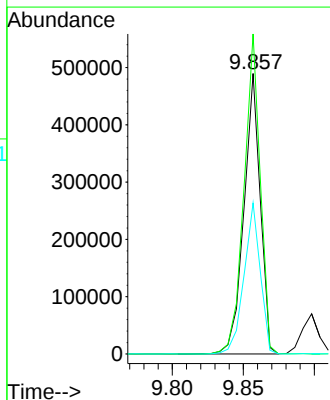
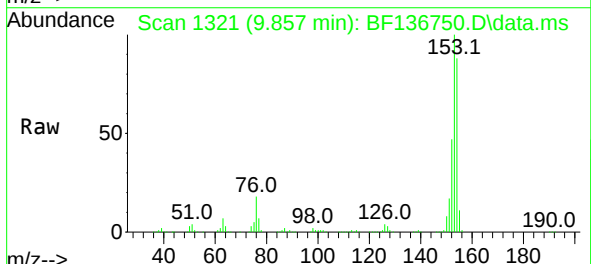
12/28/2023
Supervised By :mohammad
ahmed

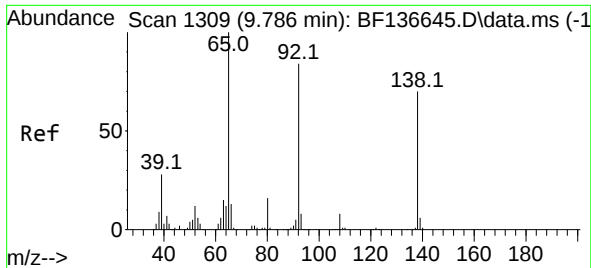
12/28/2023



#52
Acenaphthene
Concen: 38.567 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:154 Resp: 392366
Ion Ratio Lower Upper
154 100
153 114.1 90.7 136.1
152 53.8 43.7 65.5





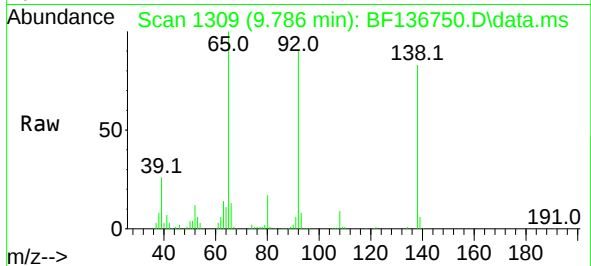
#53
3-Nitroaniline
Concen: 30.107 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:138 Resp: 88989
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 109.1 95.2 142.8

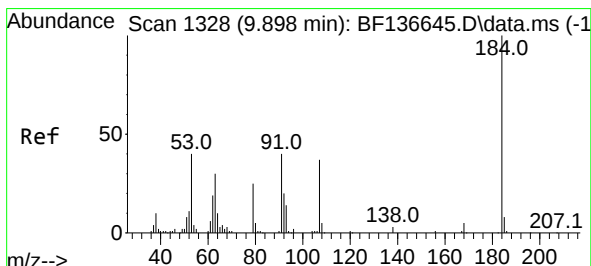
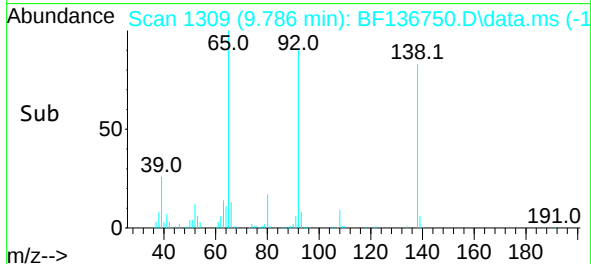
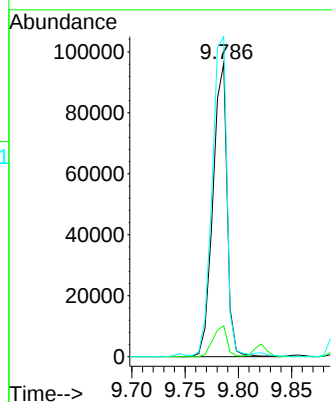
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Reviewed By :Yogesh
Patel

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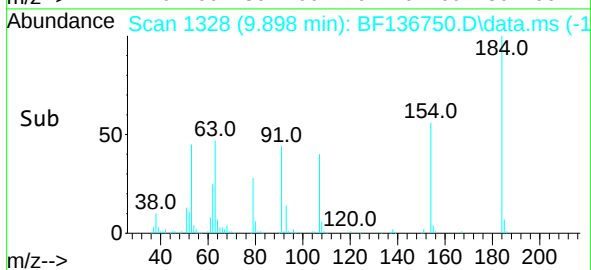
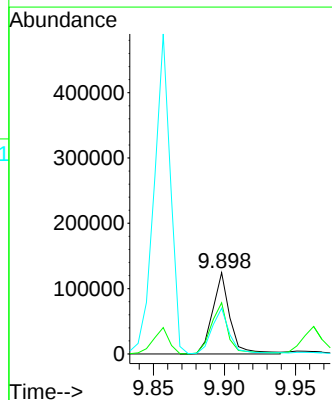
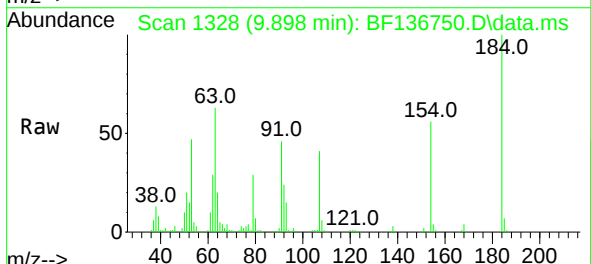
Supervised By :mohammad
ahmed

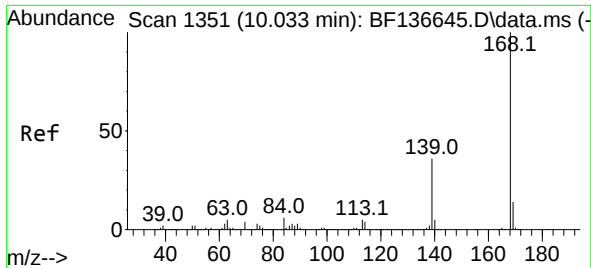
12/28/2023



#54
2,4-Dinitrophenol
Concen: 69.058 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:184 Resp: 105964
Ion Ratio Lower Upper
184 100
63 63.0 40.9 61.3#
154 56.4 42.7 64.1





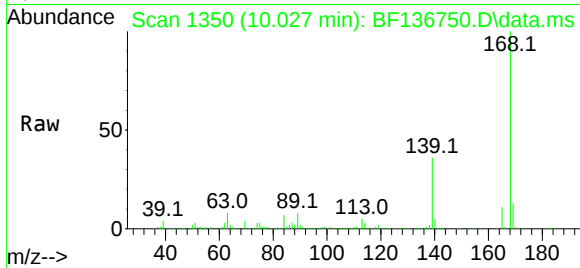
#55
Dibenzenofuran
Concen: 38.960 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:168 Resp: 600834
Ion Ratio Lower Upper
168 100
139 36.4 29.3 43.9
169 13.2 11.0 16.4

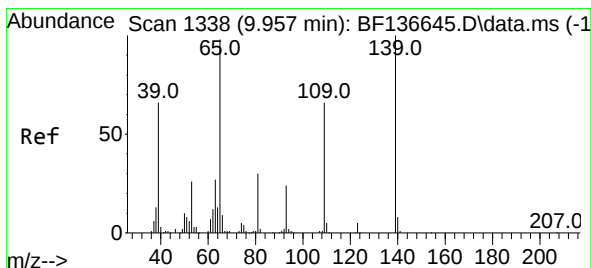
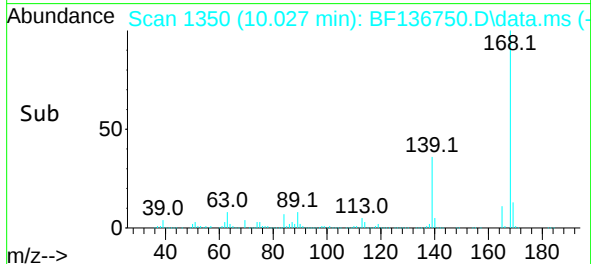
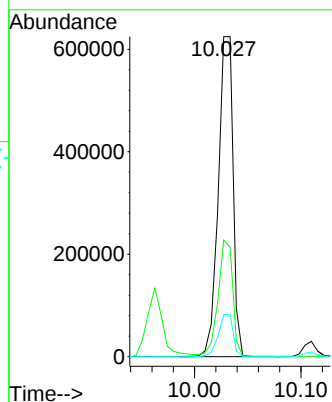
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

12/28/2023

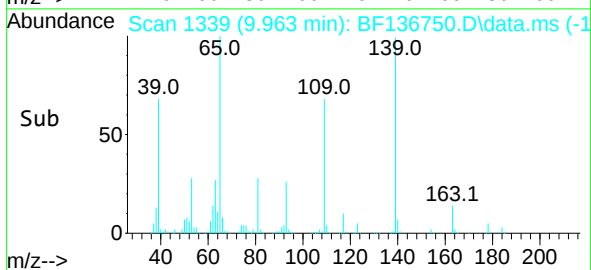
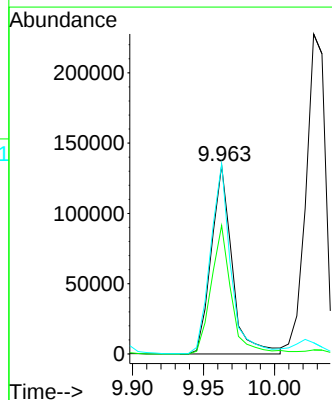
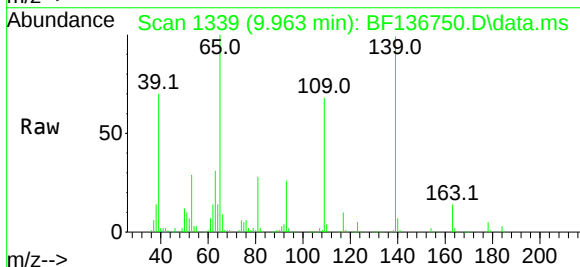
Supervised By :mohammad
ahmed

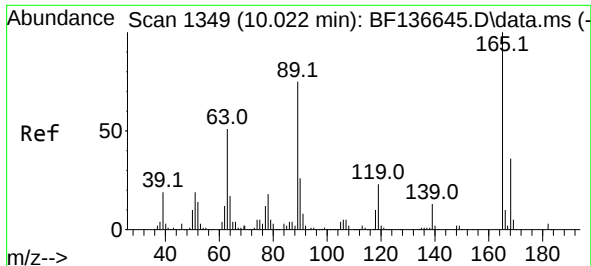
12/28/2023



#56
4-Nitrophenol
Concen: 68.416 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:139 Resp: 136511
Ion Ratio Lower Upper
139 100
109 68.1 45.8 85.8
65 100.9 77.8 117.8





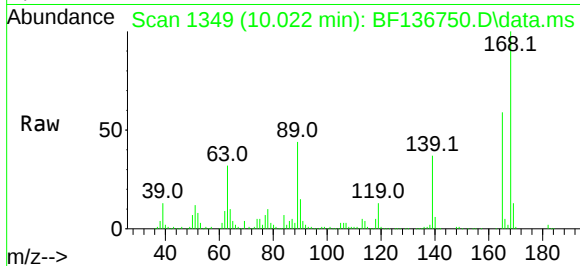
#57
2,4-Dinitrotoluene
Concen: 35.692 ng
RT: 10.022 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:165 Resp: 129280
Ion Ratio Lower Upper
165 100
63 53.7 41.0 61.6
89 75.3 59.9 89.9
182 2.7 2.0 3.0

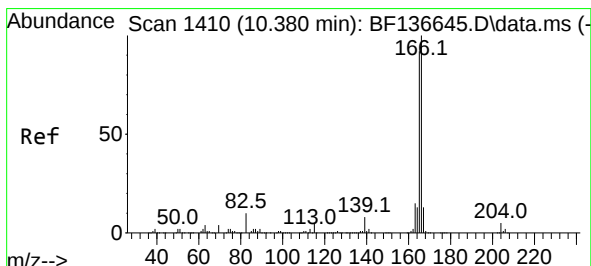
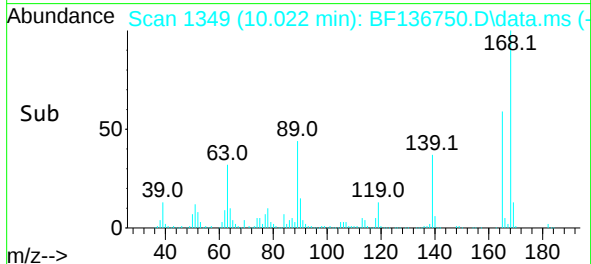
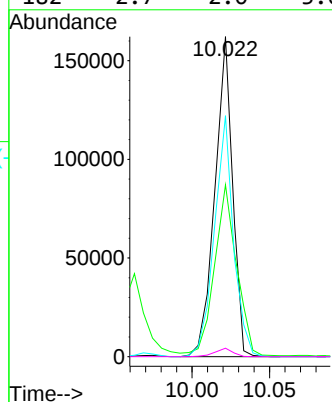
Manual Integrations
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Reviewed By :Yogesh
Patel

12/28/2023

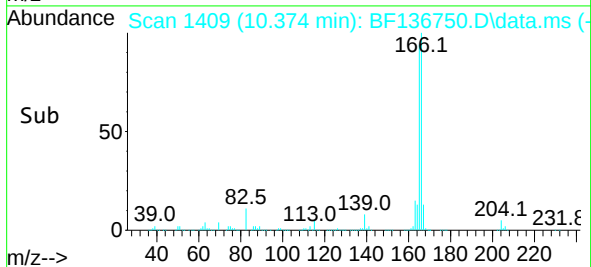
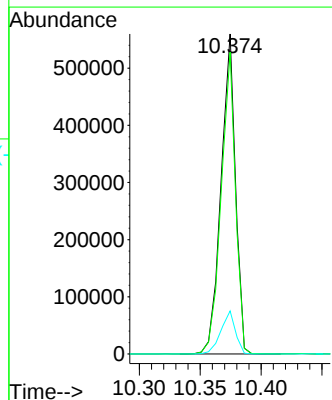
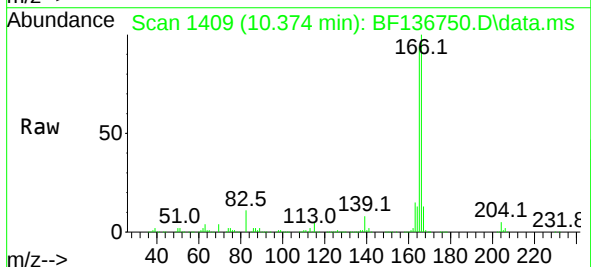
Supervised By :mohammad
ahmed

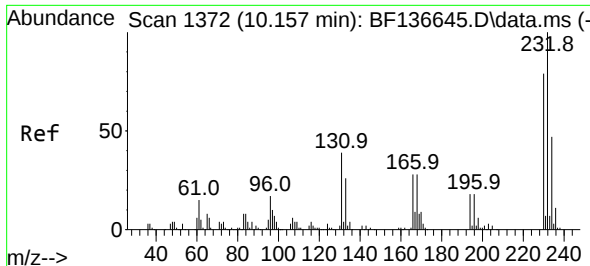
12/28/2023



#58
Fluorene
Concen: 37.792 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

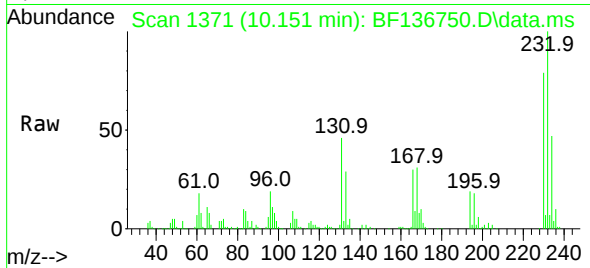
Tgt Ion:166 Resp: 462453
Ion Ratio Lower Upper
166 100
165 94.3 73.7 110.5
167 13.5 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.962 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS



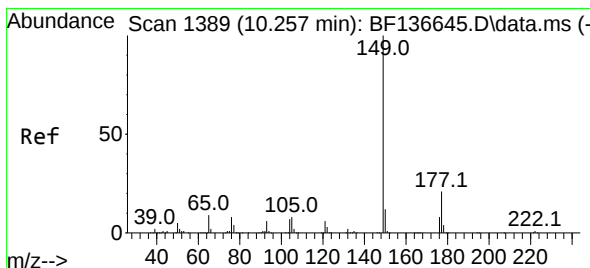
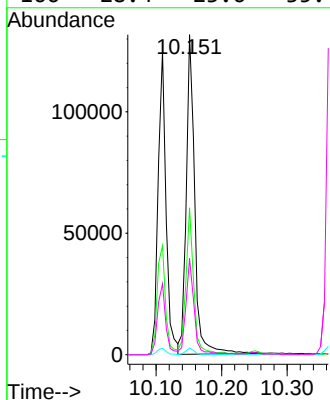
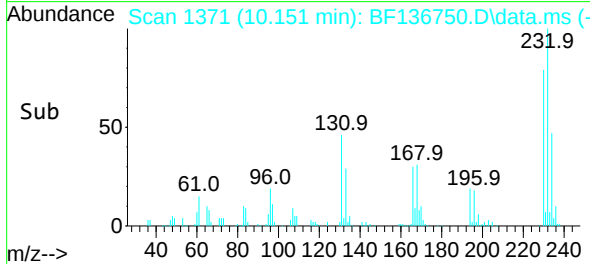
Tgt Ion:232 Resp: 117460
Ion Ratio Lower Upper
232 100
131 42.4 35.1 52.7
130 2.1 1.6 2.4
166 28.4 23.6 35.4

Manual Integrations
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Reviewed By :Yogesh
Patel

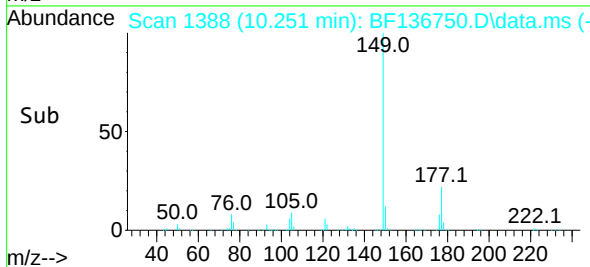
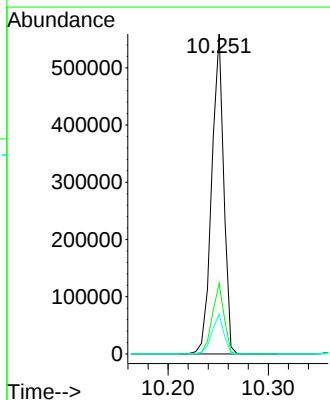
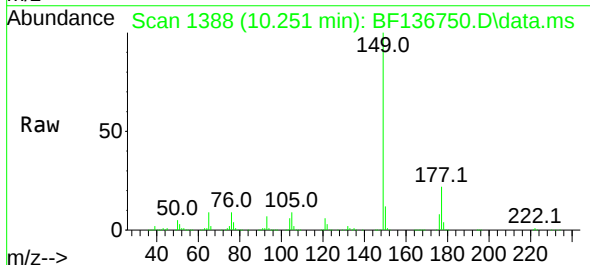
12/28/2023
Supervised By :mohammad
ahmed

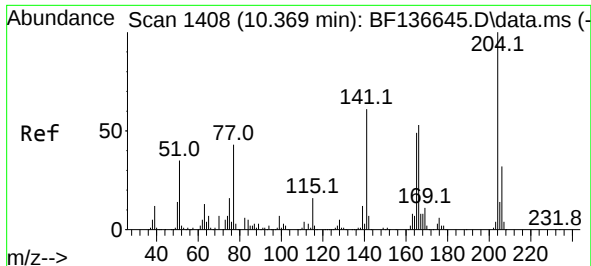
12/28/2023



#60
Diethylphthalate
Concen: 36.511 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

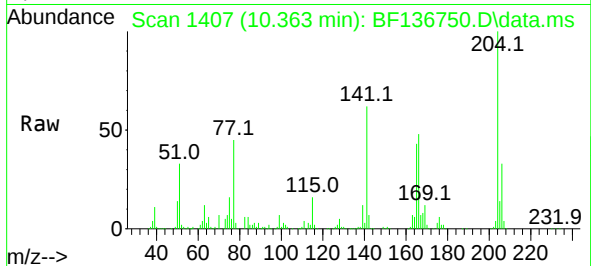
Tgt Ion:149 Resp: 465744
Ion Ratio Lower Upper
149 100
177 22.0 16.9 25.3
150 12.4 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 37.299 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS



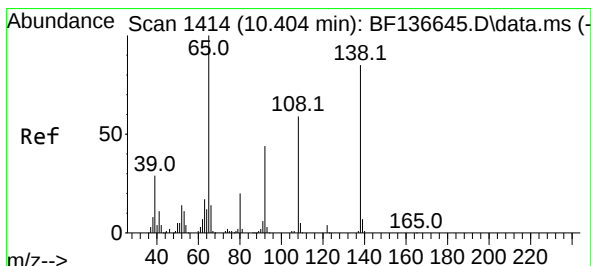
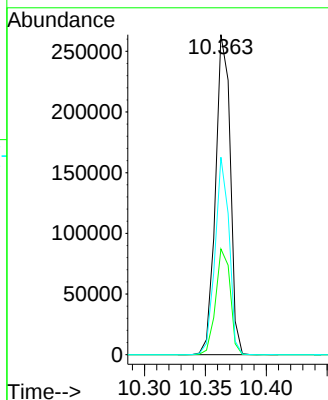
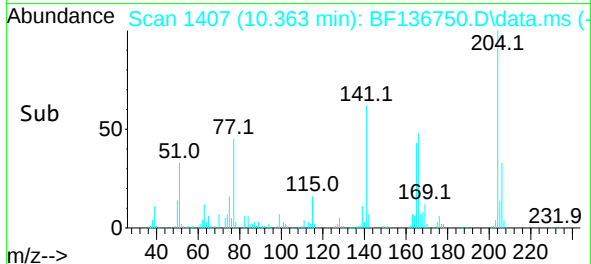
Tgt Ion:204 Resp: 221852
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 61.7 48.4 72.6

Manual Integrations
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Reviewed By :Yogesh
Patel

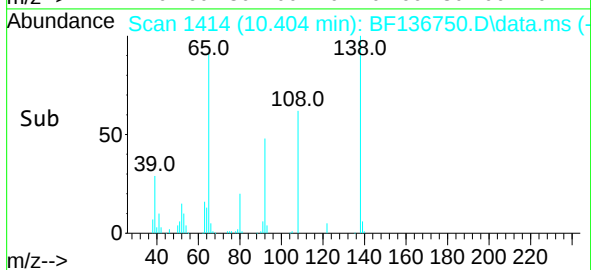
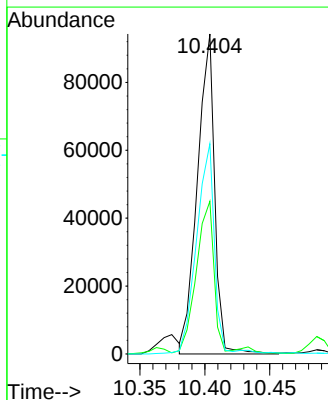
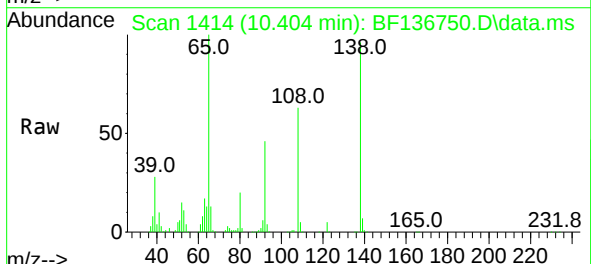
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Supervised By :mohammad
ahmed

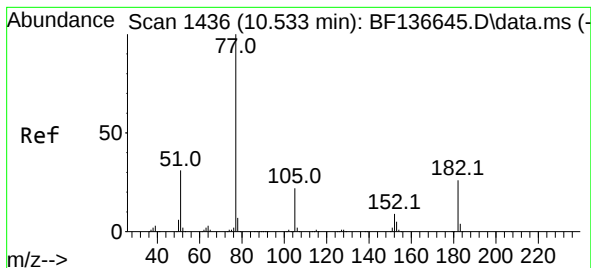
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#62
4-Nitroaniline
Concen: 30.795 ng m
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:138 Resp: 87748
Ion Ratio Lower Upper
138 100
92 47.7 32.1 72.1
108 65.7 50.1 90.1





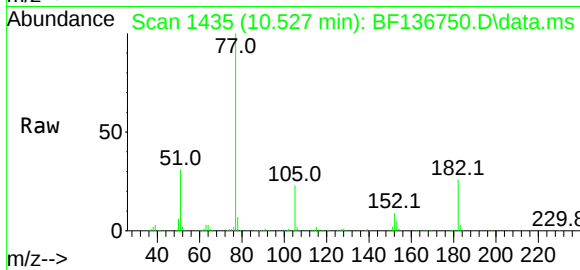
#63
Azobenzene
Concen: 36.595 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion: 77 Resp: 436010
Ion Ratio Lower Upper
77 100
182 26.2 6.0 46.0
105 22.7 2.3 42.3
51 31.0 11.1 51.1

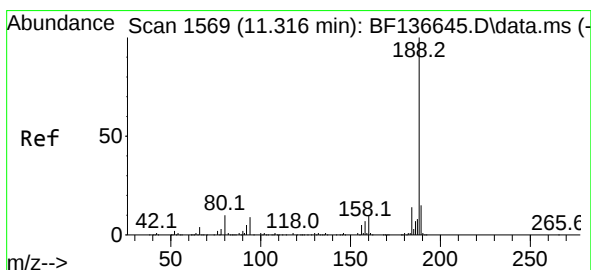
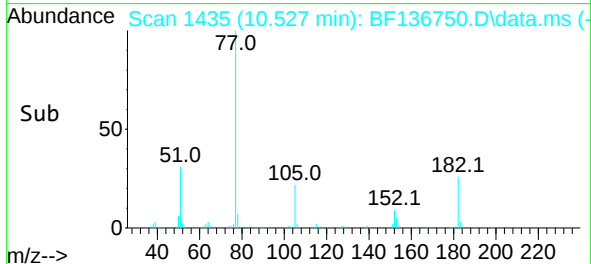
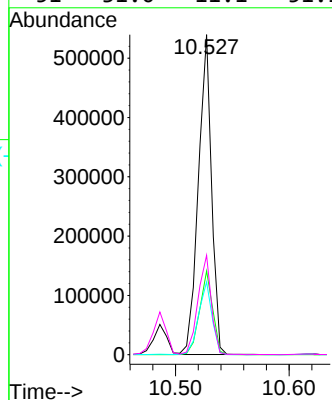
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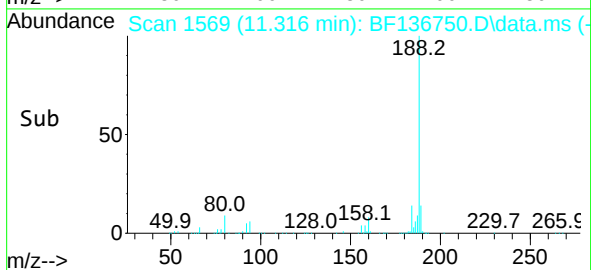
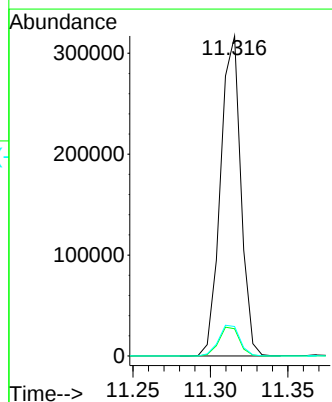
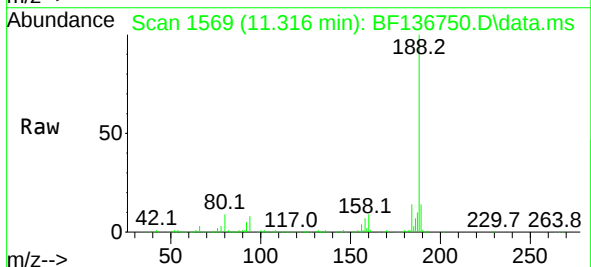
Supervised By :mohammad
ahmed

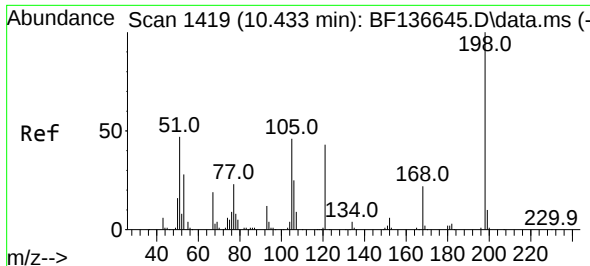
12/28/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:188 Resp: 289521
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 9.2 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 41.512 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS

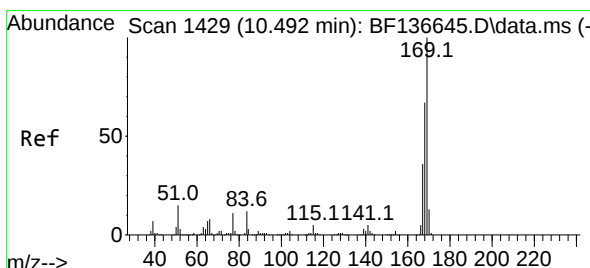
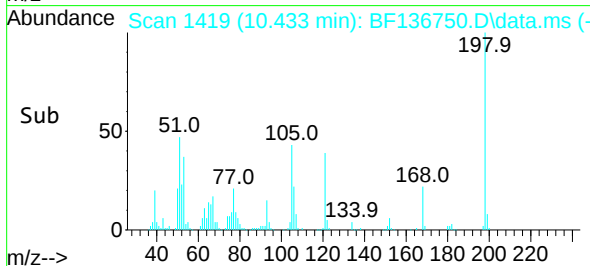
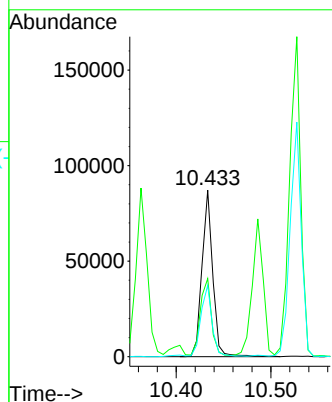
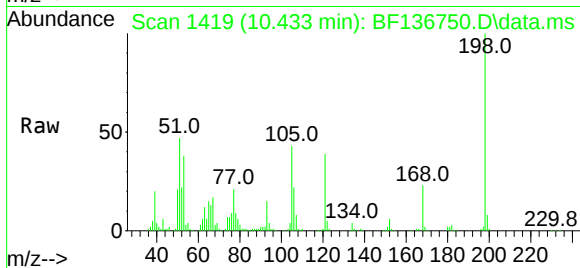
Tgt Ion:198 Resp: 68878
Ion Ratio Lower Upper
198 100
51 46.9 34.1 74.1
105 42.9 27.3 67.3

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Reviewed By :Yogesh
Patel

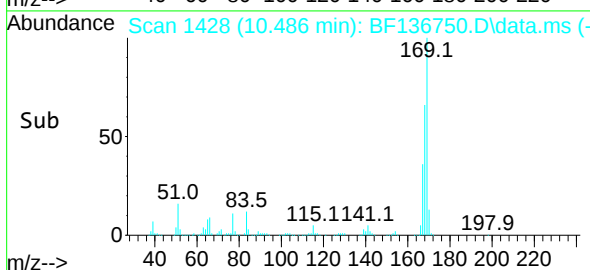
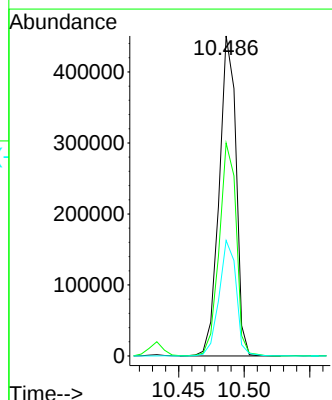
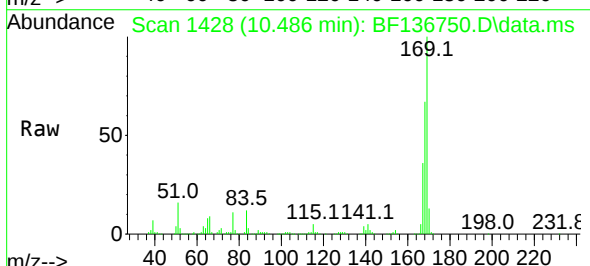
12/28/2023
Supervised By :mohammad
ahmed

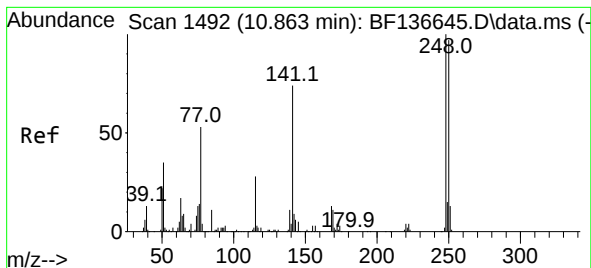
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#66
n-Nitrosodiphenylamine
Concen: 42.789 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:169 Resp: 402425
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 36.1 28.7 43.1





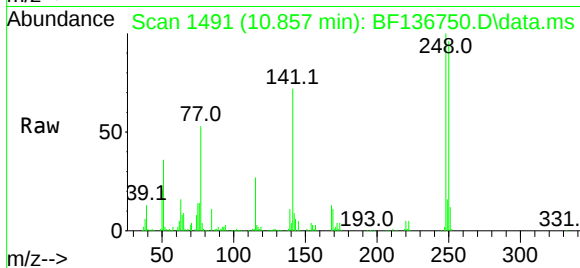
#67
4-Bromophenyl-phenylether
Concen: 41.032 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:248 Resp: 13193
Ion Ratio Lower Upper
248 100
250 95.5 77.8 116.6
141 72.3 59.2 88.8

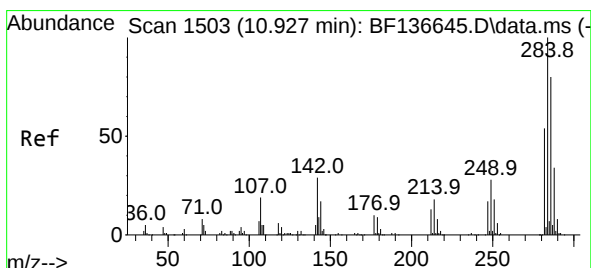
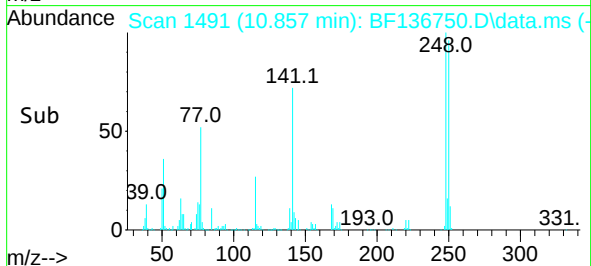
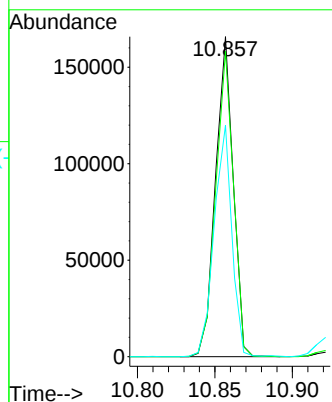
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Patel

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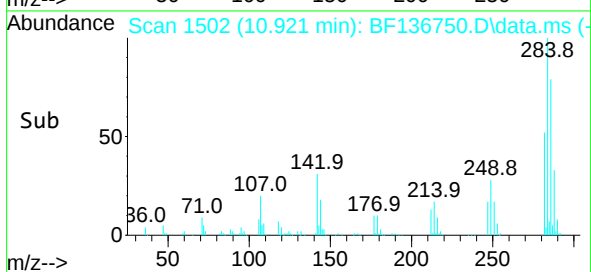
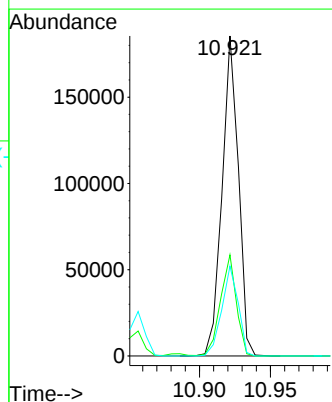
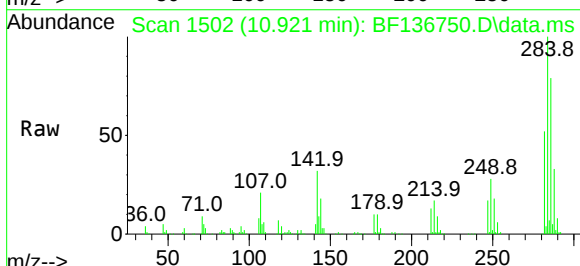
Supervised By :mohammad
ahmed

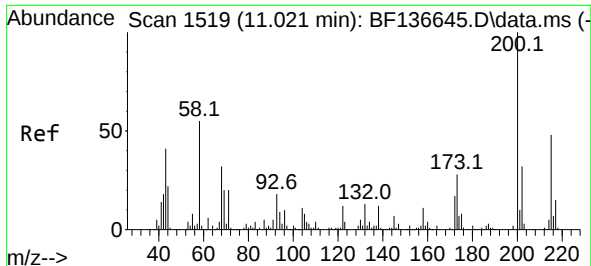
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#68
Hexachlorobenzene
Concen: 41.156 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

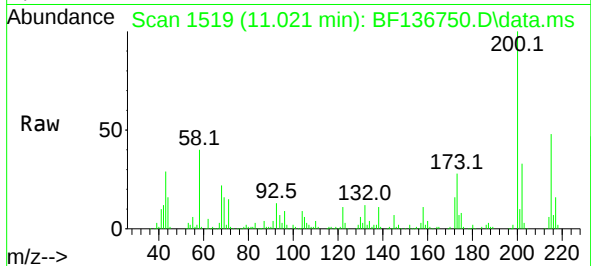
Tgt Ion:284 Resp: 147472
Ion Ratio Lower Upper
284 100
142 31.6 23.4 35.0
249 28.1 22.3 33.5





#69
Atrazine
Concen: 38.963 ng
RT: 11.021 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS



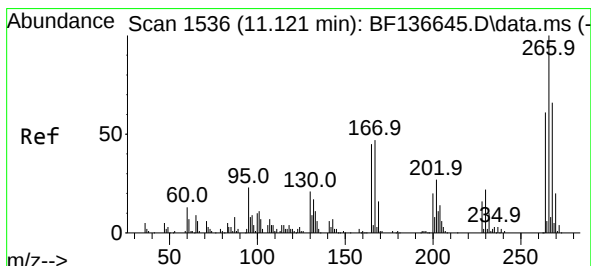
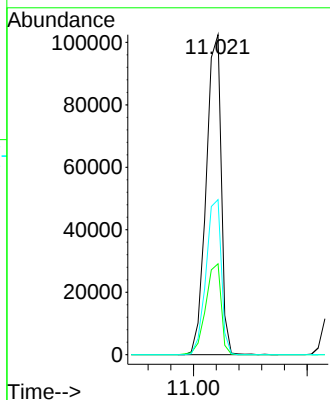
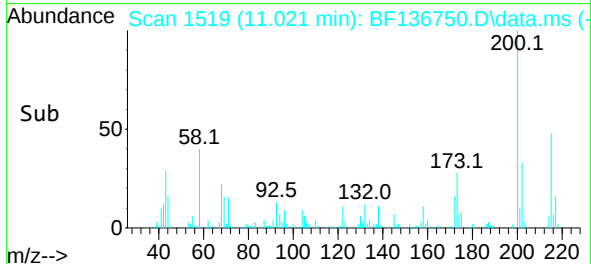
Tgt Ion:200 Resp: 93721
Ion Ratio Lower Upper
200 100
173 28.4 7.6 47.6
215 48.4 28.3 68.3

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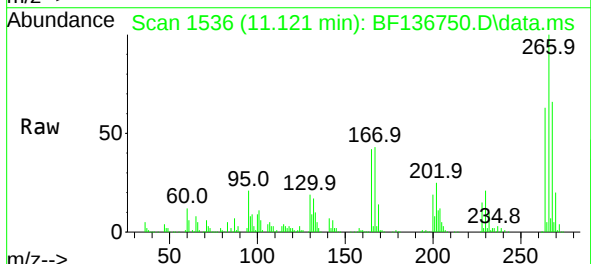
Reviewed By :Yogesh
Patel

12/28/2023
Supervised By :mohammad
ahmed

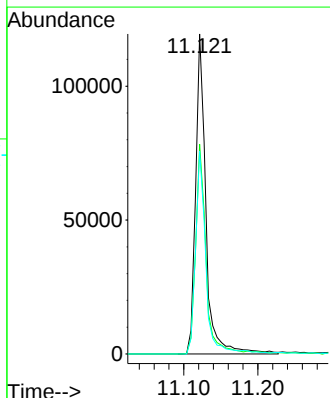
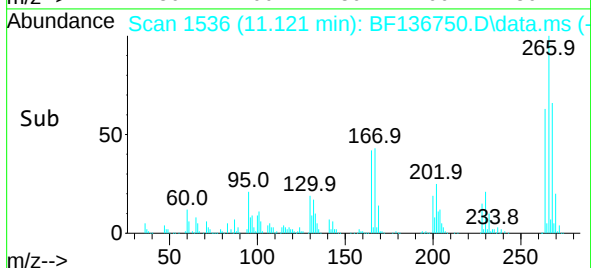
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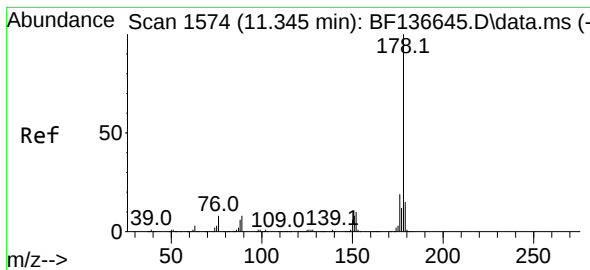


#70
Pentachlorophenol
Concen: 68.839 ng
RT: 11.121 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44



Tgt Ion:266 Resp: 114974
Ion Ratio Lower Upper
266 100
268 65.6 52.6 78.8
264 63.5 49.0 73.4





#71
Phenanthrene
Concen: 41.053 ng
RT: 11.339 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS

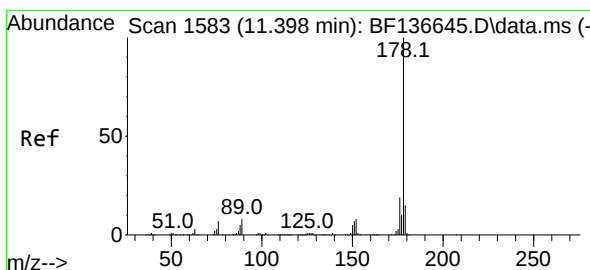
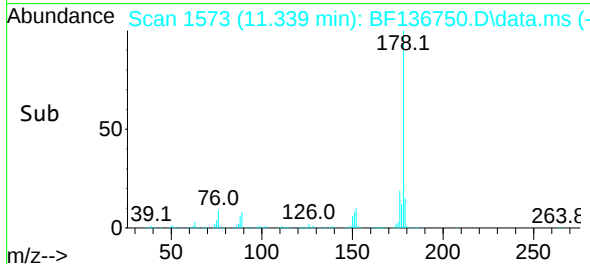
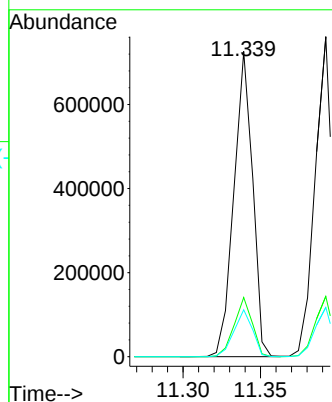
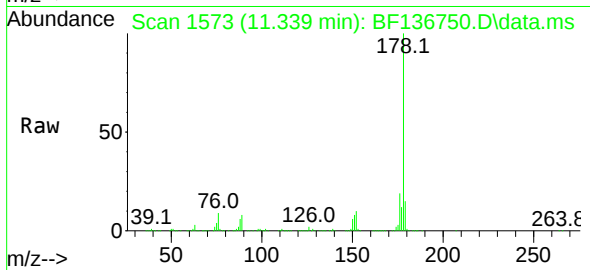
Tgt Ion:178 Resp: 60986
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.4 11.9 17.9

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Patel

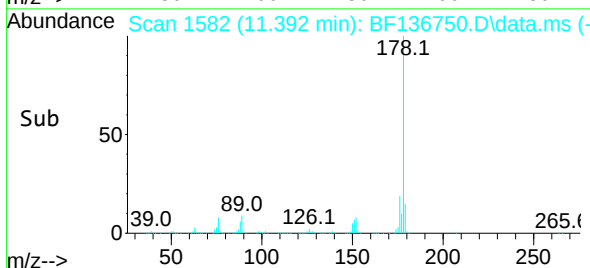
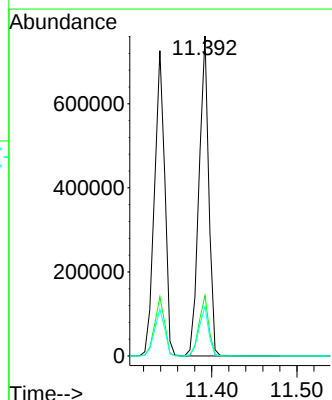
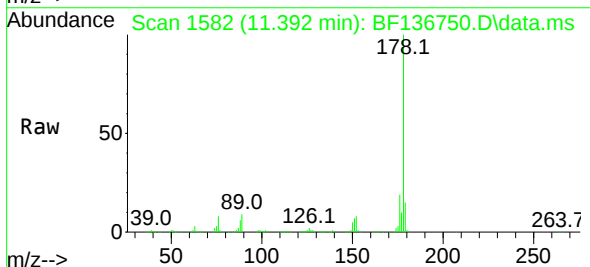
12/28/2023
Supervised By :mohammad
ahmed

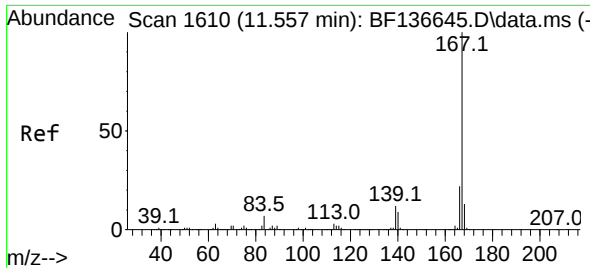
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#72
Anthracene
Concen: 40.324 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

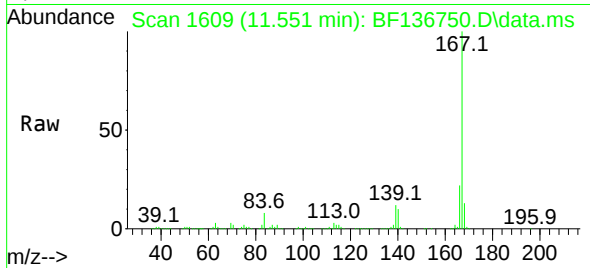
Tgt Ion:178 Resp: 606659
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.4 11.8 17.6





#73
 Carbazole
 Concen: 38.449 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136750.D
 Acq: 27 Dec 2023 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB158018BS



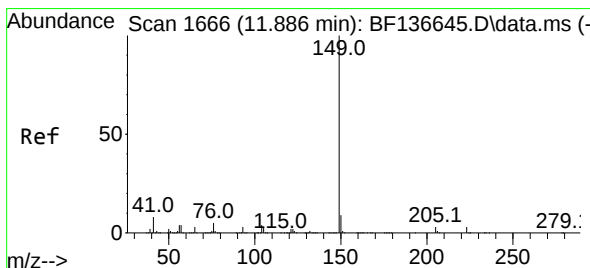
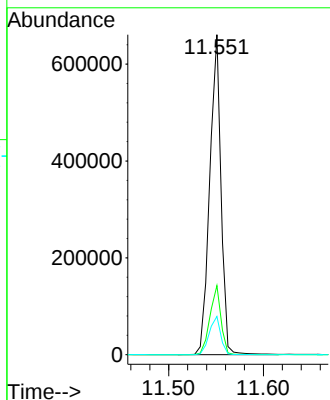
Tgt Ion:167 Resp: 545370
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.0 9.8 14.6

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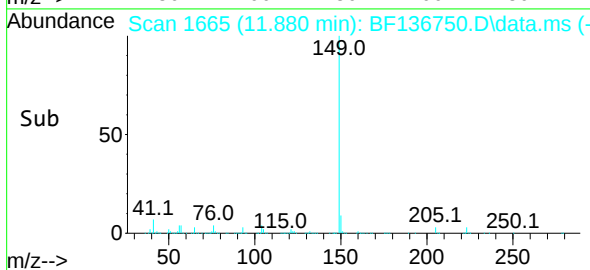
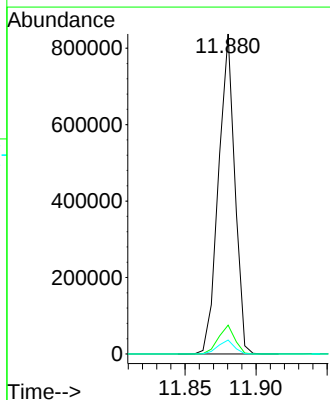
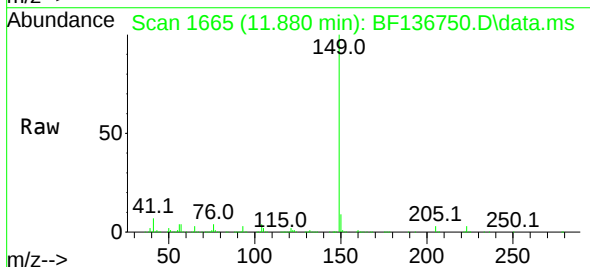
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 ahmed

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#74
 Di-n-butylphthalate
 Concen: 38.552 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136750.D
 Acq: 27 Dec 2023 10:44

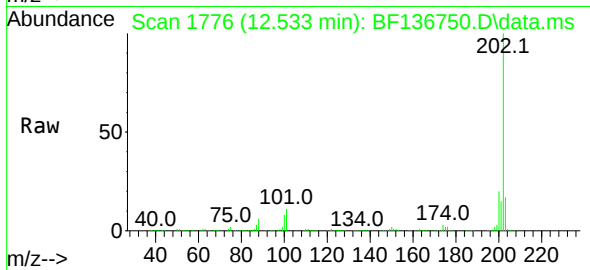
Tgt Ion:149 Resp: 667268
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 37.118 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS



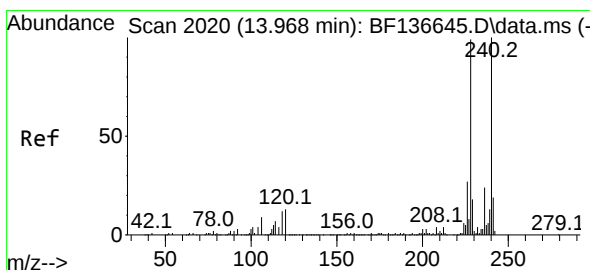
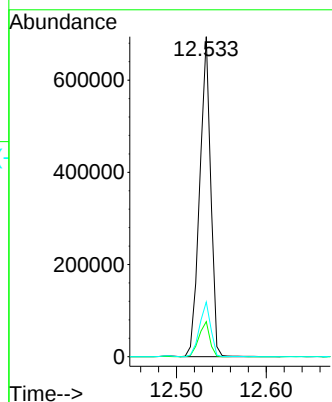
Tgt Ion:202 Resp: 58981
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.3
203 17.1 0.0 37.1

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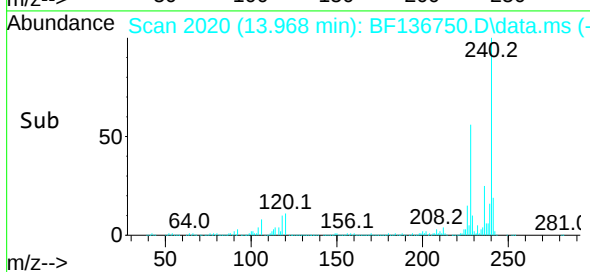
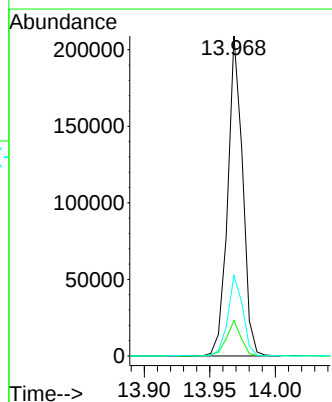
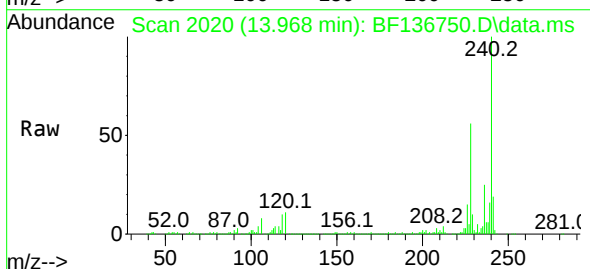
12/28/2023
Supervised By :mohammad
ahmed

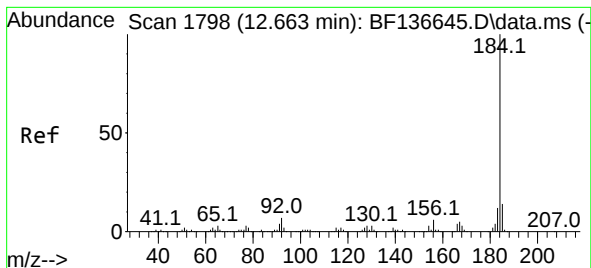
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:240 Resp: 164351
Ion Ratio Lower Upper
240 100
120 11.1 10.3 15.5
236 25.2 19.4 29.2





#77

Benzidine

Concen: 7.190 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136750.D

Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS

Tgt Ion:184	Resp: 3484
Ion Ratio	Lower Upper
184 100	
185 14.3	11.2 16.8
183 10.1	9.3 13.9

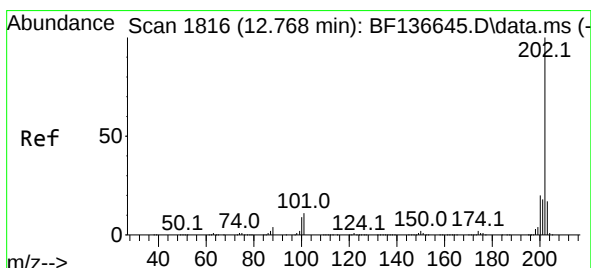
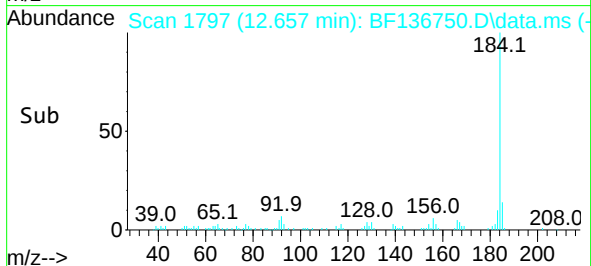
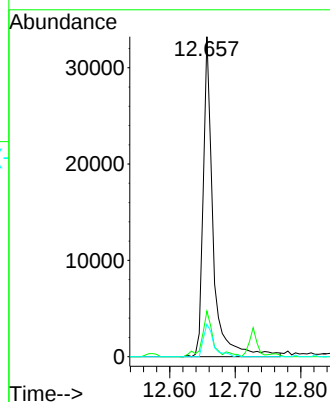
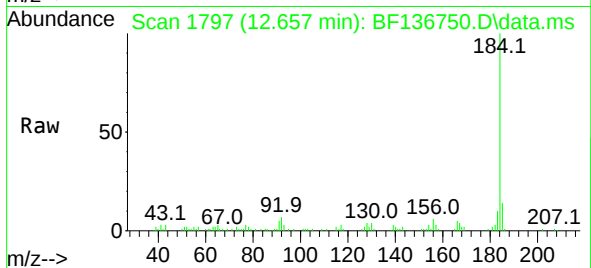
Manual Integrations
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#78

Pyrene

Concen: 36.793 ng

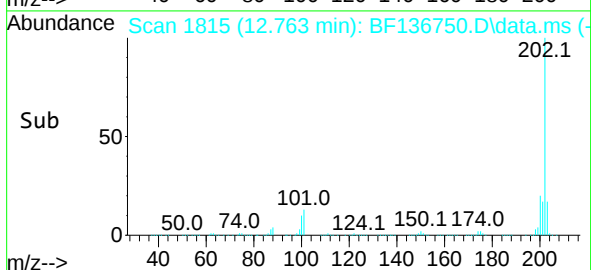
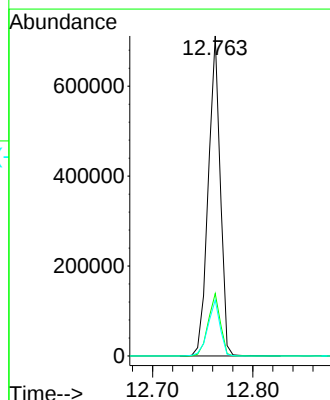
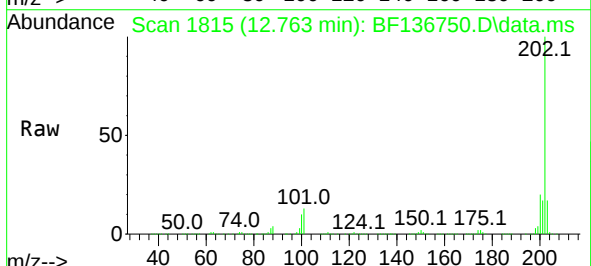
RT: 12.763 min Scan# 1815

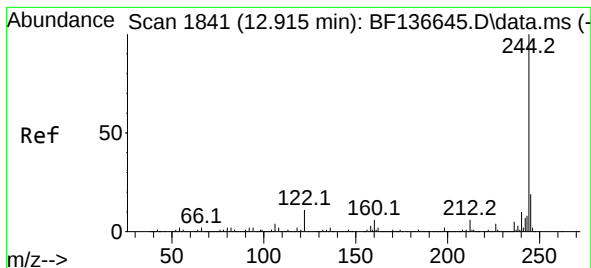
Delta R.T. -0.006 min

Lab File: BF136750.D

Acq: 27 Dec 2023 10:44

Tgt Ion:202	Resp: 593610
Ion Ratio	Lower Upper
202 100	
200 19.5	15.9 23.9
203 17.5	13.8 20.6





#79

Terphenyl-d14

Concen: 69.442 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF136750.D

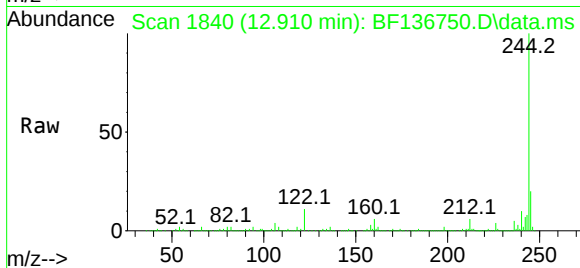
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:244 Resp: 81668

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 10.8 9.0 13.4

Manual Integrations

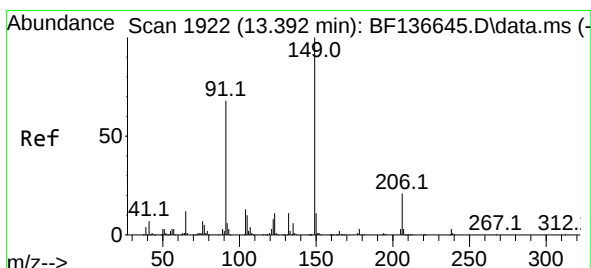
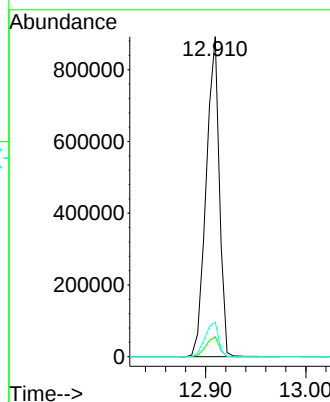
APPROVED

Reviewed By :Yogesh
Patel

12/28/2023

Supervised By :mohammad
ahmed

12/28/2023



#80

Butylbenzylphthalate

Concen: 40.267 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136750.D

Acq: 27 Dec 2023 10:44

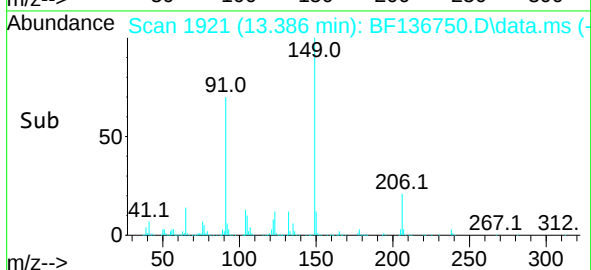
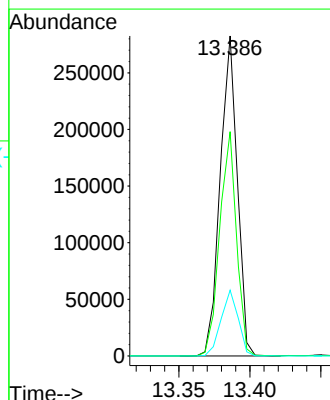
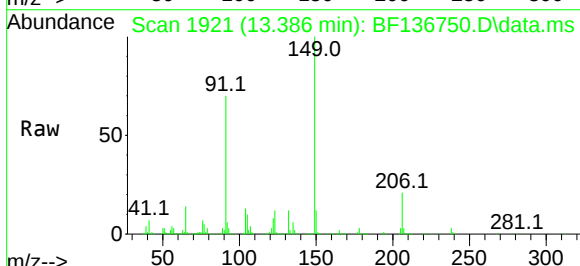
Tgt Ion:149 Resp: 236394

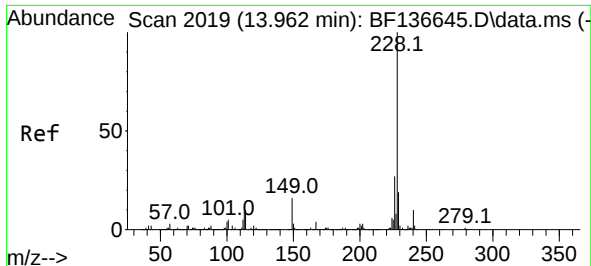
Ion Ratio Lower Upper

149 100

91 70.1 54.1 81.1

206 20.6 17.1 25.7





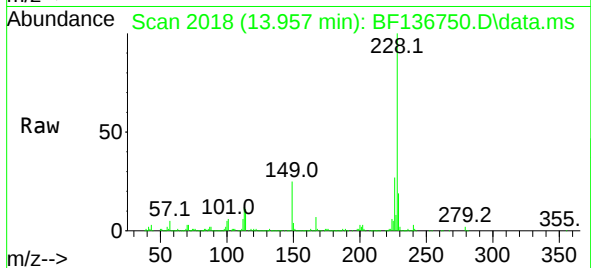
#81
Benzo(a)anthracene
Concen: 40.299 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:228 Resp: 459900
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.5 14.9 22.3

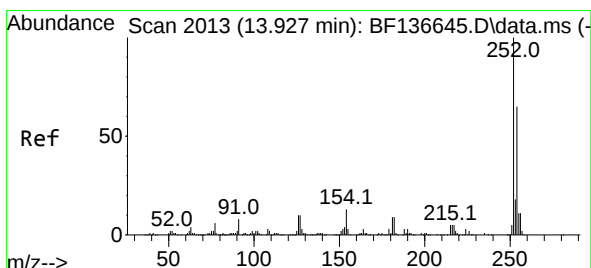
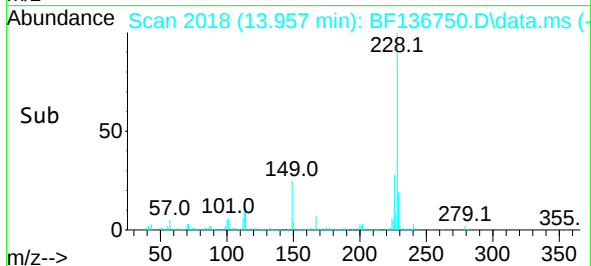
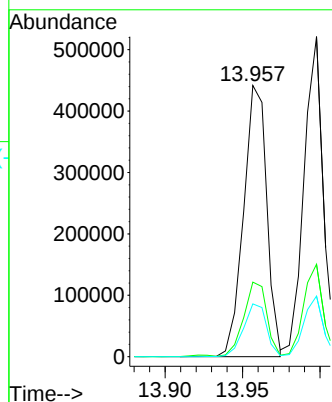
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

12/28/2023

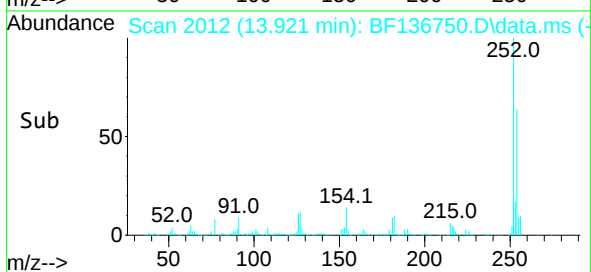
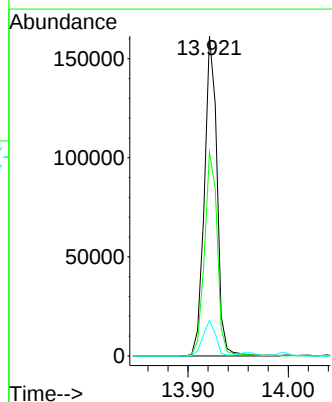
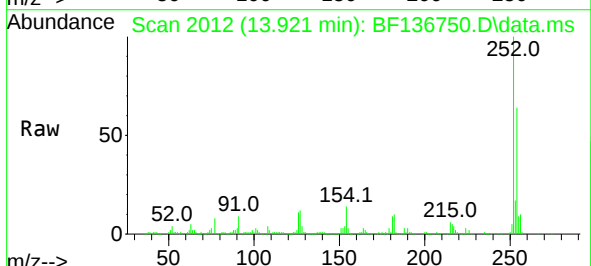
Supervised By :mohammad
ahmed

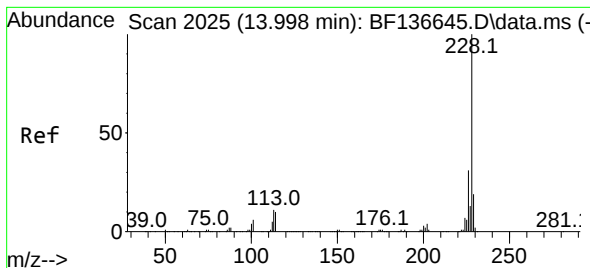
12/28/2023



#82
3,3'-Dichlorobenzidine
Concen: 43.833 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:252 Resp: 142063
Ion Ratio Lower Upper
252 100
254 63.7 52.2 78.4
126 11.2 8.0 12.0





#83

Chrysene

Concen: 40.032 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136750.D

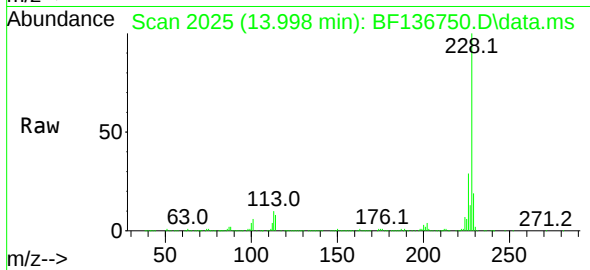
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:	228	Resp:	44675
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.7	37.1
229	19.0	15.4	23.0

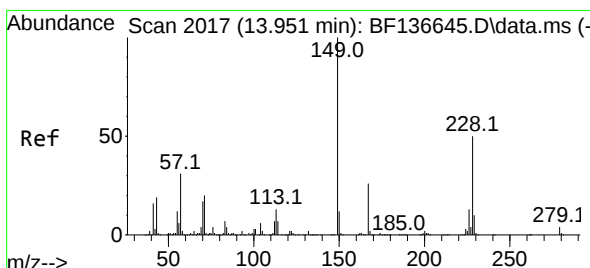
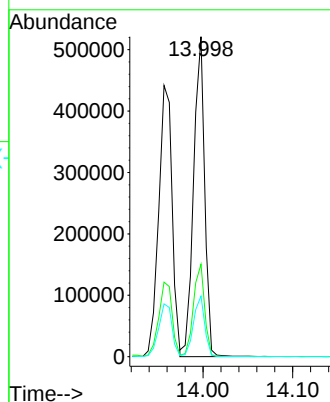
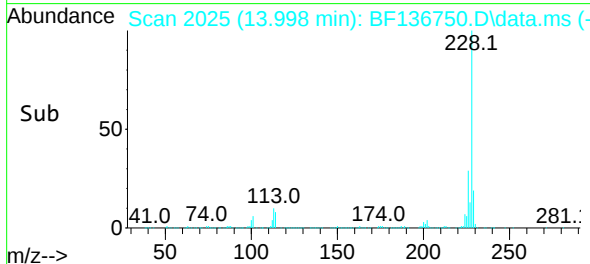
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

12/28/2023

Supervised By :mohammad
ahmed

12/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.239 ng

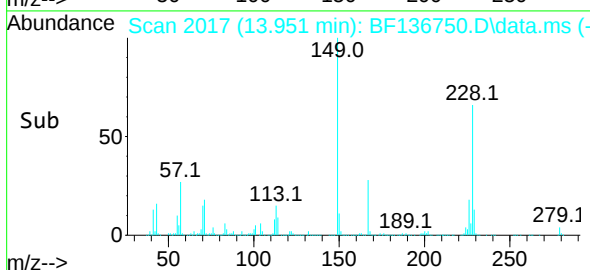
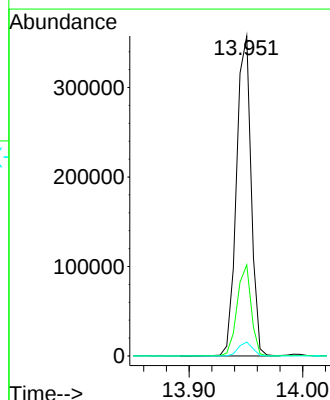
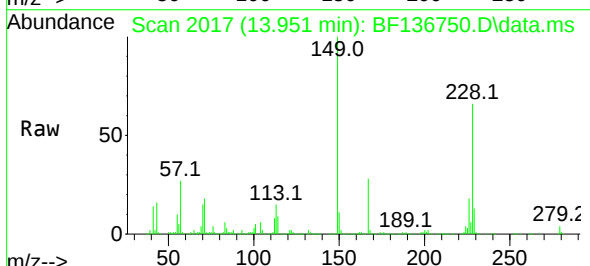
RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136750.D

Acq: 27 Dec 2023 10:44

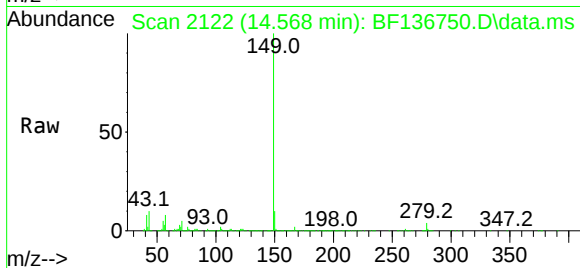
Tgt Ion:	149	Resp:	319376
Ion Ratio	Lower	Upper	
149	100		
167	28.4	20.9	31.3
279	4.4	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 48.667 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :
BNA_F
ClientSampleId :
PB158018BS



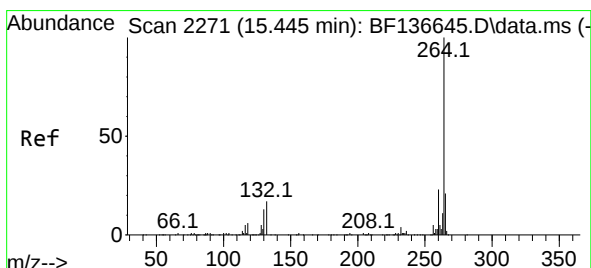
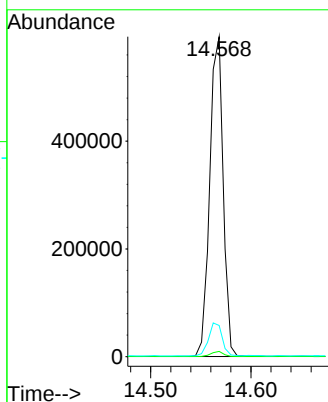
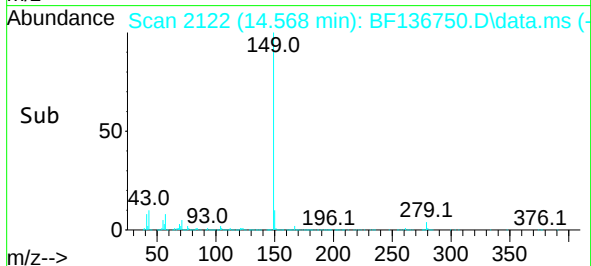
Tgt Ion:149 Resp: 55605
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.4 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

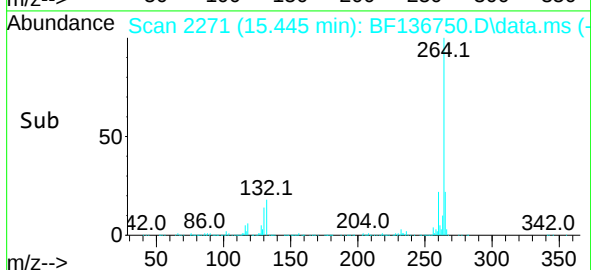
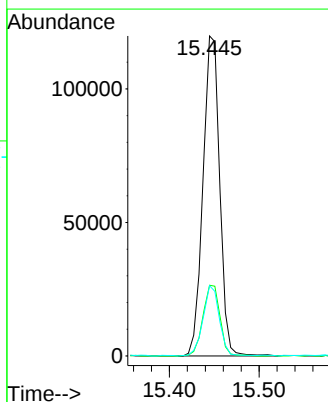
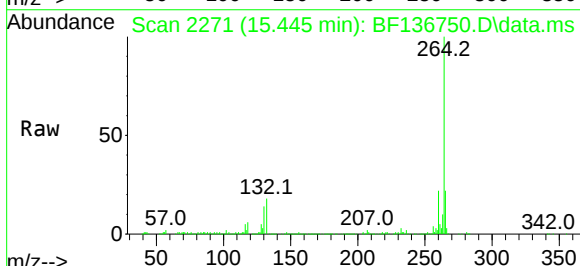
12/28/2023
Supervised By :mohammad
ahmed

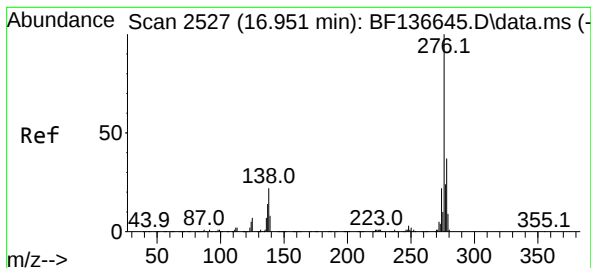
12/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:264 Resp: 155129
Ion Ratio Lower Upper
264 100
260 22.1 18.3 27.5
265 21.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.303 ng

RT: 16.962 min Scan# 2529

Delta R.T. 0.012 min

Lab File: BF136750.D

Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS

Tgt Ion:276 Resp: 563418

Ion Ratio Lower Upper

276 100

138 22.2 18.7 28.1

277 25.2 20.2 30.2

Manual Integrations

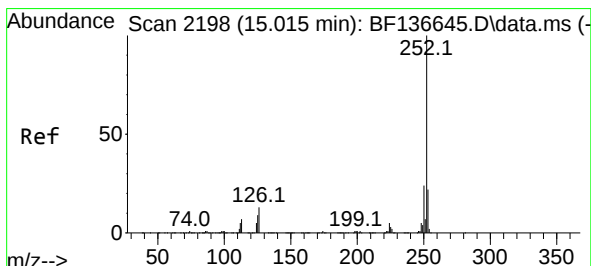
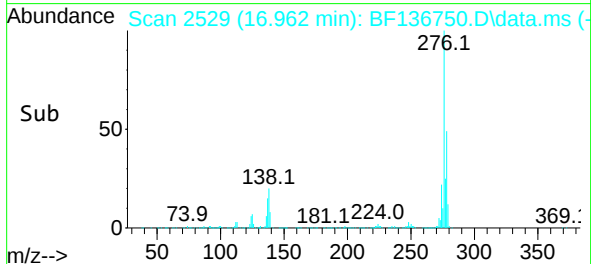
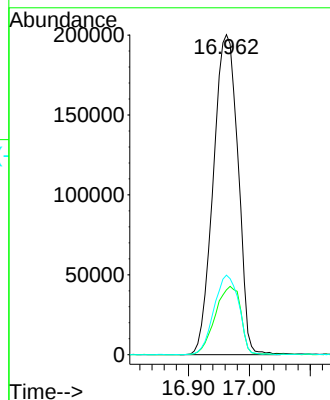
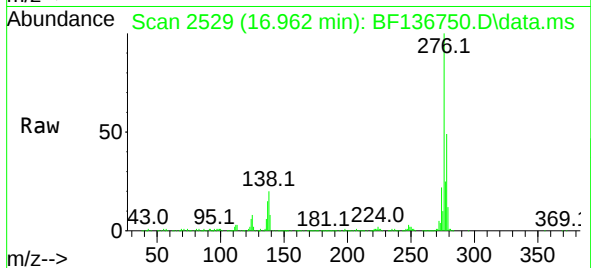
APPROVED

Reviewed By :Yogesh
Patel

12/28/2023

Supervised By :mohammad
ahmed

12/28/2023



#88

Benzo(b)fluoranthene

Concen: 46.697 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136750.D

Acq: 27 Dec 2023 10:44

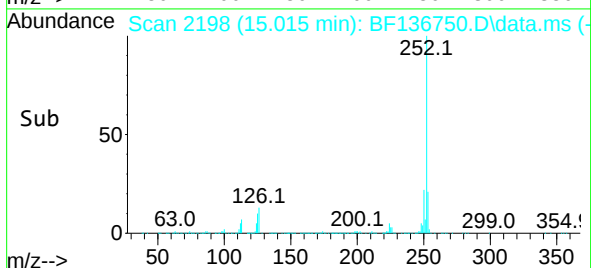
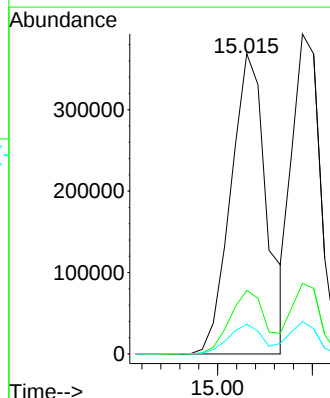
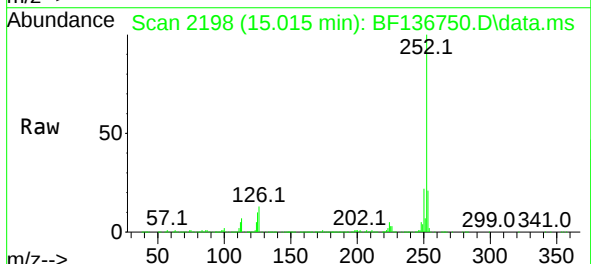
Tgt Ion:252 Resp: 483842

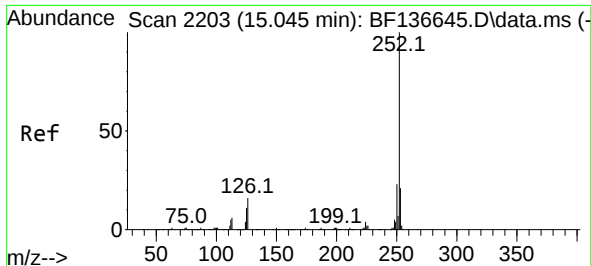
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 9.9 7.4 11.2





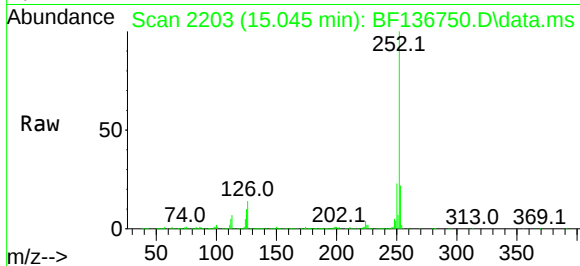
#89
Benzo(k)fluoranthene
Concen: 41.163 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:252 Resp: 403000
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.1 8.2 12.4

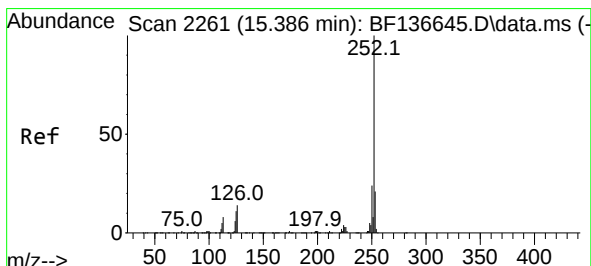
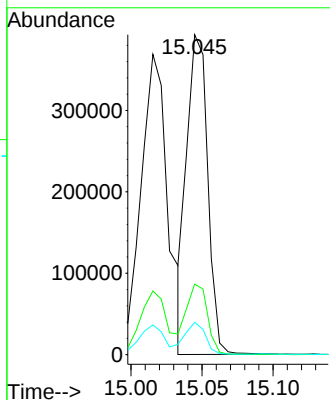
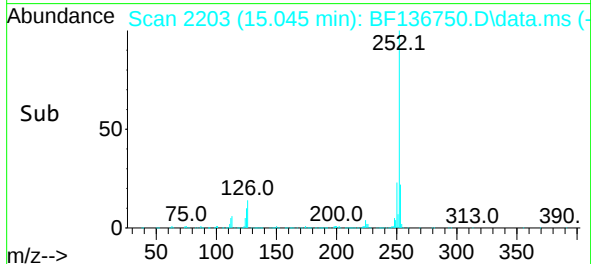
Manual Integrations
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Reviewed By :Yogesh
Patel

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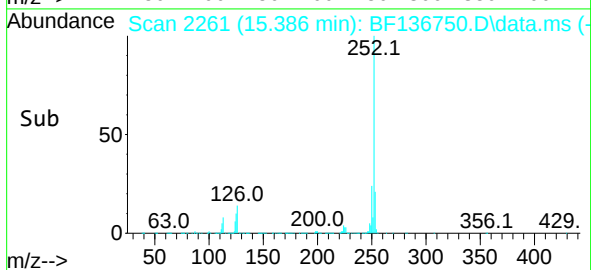
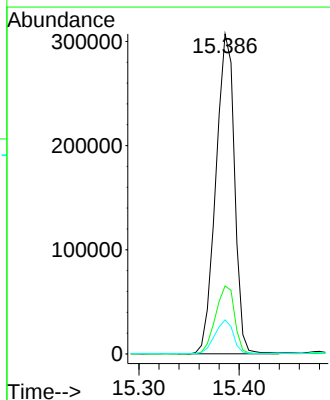
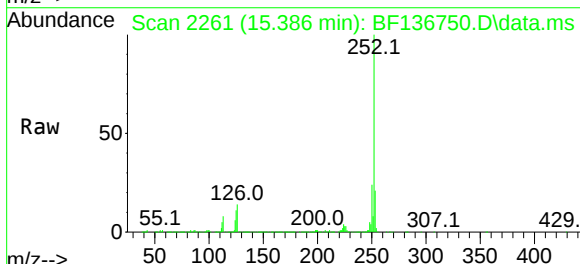
Supervised By :mohammad
ahmed

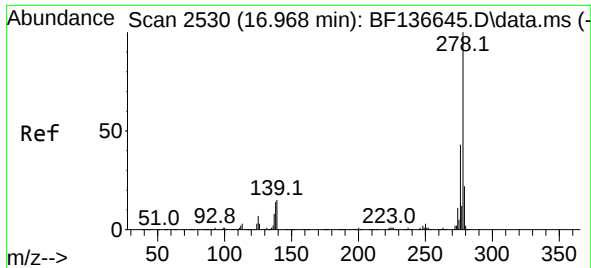
12/28/2023



#90
Benzo(a)pyrene
Concen: 45.322 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:252 Resp: 396385
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 10.7 8.8 13.2





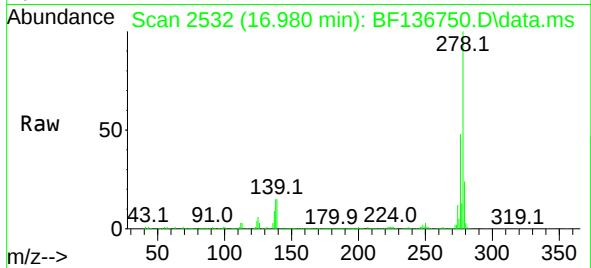
#91
Dibenzo(a,h)anthracene
Concen: 51.020 ng
RT: 16.980 min Scan# 2530
Delta R.T. 0.012 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Instrument :

BNA_F

ClientSampleId :

PB158018BS



Tgt Ion:278 Resp: 468818
Ion Ratio Lower Upper
278 100
139 14.8 12.2 18.4
279 24.0 17.8 26.6

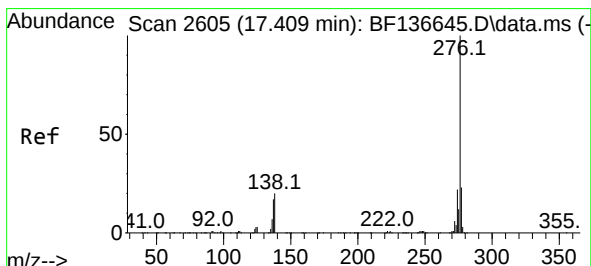
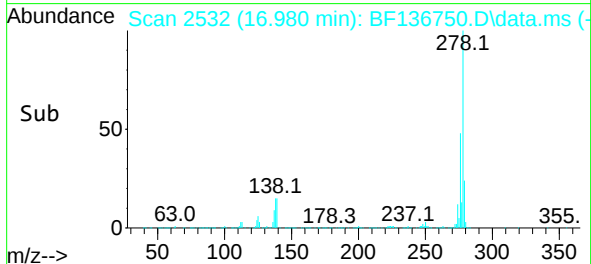
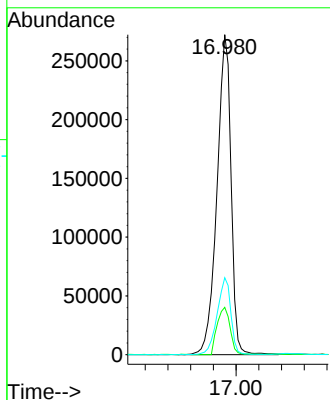
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

12/28/2023

Supervised By :mohammad
ahmed

12/28/2023



#92
Benzo(g,h,i)perylene
Concen: 50.114 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF136750.D
Acq: 27 Dec 2023 10:44

Tgt Ion:276 Resp: 471640
Ion Ratio Lower Upper
276 100
277 22.6 18.3 27.5
138 19.2 15.6 23.4

