

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103123\
 Data File : BF136059.D
 Acq On : 31 Oct 2023 19:08
 Operator : CG\JU
 Sample : 04974-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Quant Time: Nov 01 00:35:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

11/01/2023

Supervised By :mohammad
 ahmed

11/01/2023

Supervised By :mohammad
 ahmed

11/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	132594	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	475274	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	200953	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	350321	20.000	ng	0.00
76) Chrysene-d12	14.021	240	301294	20.000	ng	0.00
86) Perylene-d12	15.509	264	272198	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	892376	105.758	ng	0.01
7) Phenol-d6	6.463	99	1062063	101.022	ng	0.00
23) Nitrobenzene-d5	7.386	82	615070	78.014	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	235150	109.631	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1011181	80.214	ng	0.00
79) Terphenyl-d14	12.957	244	1127763	58.168	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	166609	45.345	ng	99
3) Pyridine	3.416	79	394843	39.370	ng	99
4) n-Nitrosodimethylamine	3.381	42	197760	47.163	ng	94
6) Aniline	6.504	93	414054	30.420	ng	98
8) 2-Chlorophenol	6.610	128	415826	46.095	ng	99
9) Benzaldehyde	6.375	77	139887	23.863	ng	99
10) Phenol	6.475	94	481419m	44.273	ng	
11) bis(2-Chloroethyl)ether	6.563	93	410730	48.249	ng	98
12) 1,3-Dichlorobenzene	6.769	146	447008	47.609	ng	99
13) 1,4-Dichlorobenzene	6.845	146	450356	47.862	ng	100
14) 1,2-Dichlorobenzene	6.992	146	426468	48.471	ng	97
15) Benzyl Alcohol	6.969	79	327717	43.963	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	539904	46.078	ng	99
17) 2-Methylphenol	7.081	107	309671	40.465	ng	98
18) Hexachloroethane	7.333	117	146194	44.205	ng	96
19) n-Nitroso-di-n-propyla...	7.239	70	254728	42.405	ng	95
20) 3+4-Methylphenols	7.233	107	367884	39.422	ng	96
22) Acetophenone	7.233	105	514463	48.816	ng	# 89
24) Nitrobenzene	7.410	77	383696	48.113	ng	100
25) Isophorone	7.645	82	686616	46.130	ng	100
26) 2-Nitrophenol	7.722	139	192532	52.914	ng	97
27) 2,4-Dimethylphenol	7.763	122	279521	40.654	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	438523	48.085	ng	99
29) 2,4-Dichlorophenol	7.963	162	297410	45.883	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	340875	48.207	ng	99
31) Naphthalene	8.128	128	1059955	46.249	ng	99
32) Benzoic acid	7.869	122	226969	41.931	ng	98
33) 4-Chloroaniline	8.180	127	239463	23.858	ng	97
34) Hexachlorobutadiene	8.245	225	200240	49.380	ng	99
35) Caprolactam	8.545	113	92204m	43.747	ng	
36) 4-Chloro-3-methylphenol	8.657	107	289510	42.544	ng	97
37) 2-Methylnaphthalene	8.822	142	641821	41.765	ng	99
38) 1-Methylnaphthalene	8.922	142	608121	42.523	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	305550	53.315	ng	99
41) Hexachlorocyclopentadiene	8.975	237	93711	30.607	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	189384	50.682	ng	99

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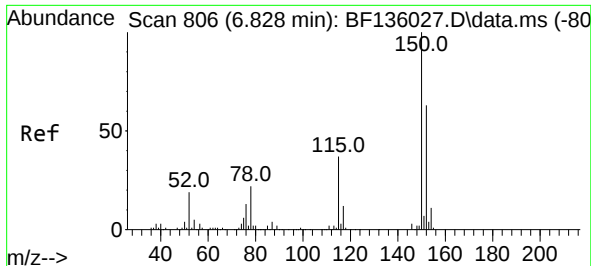
Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	201355	46.518	ng	99
46) 1,1'-Biphenyl	9.286	154	780452	50.947	ng	99
47) 2-Chloronaphthalene	9.310	162	582470	51.577	ng	99
48) 2-Nitroaniline	9.404	65	166601	49.848	ng	98
49) Acenaphthylene	9.727	152	884276	50.193	ng	99
50) Dimethylphthalate	9.592	163	664508	50.132	ng	99
51) 2,6-Dinitrotoluene	9.651	165	139054	49.049	ng	98
52) Acenaphthene	9.898	154	548383m	48.964	ng	99
53) 3-Nitroaniline	9.816	138	133155	40.253	ng	92
54) 2,4-Dinitrophenol	9.922	184	59854	43.048	ng	93
55) Dibenzofuran	10.074	168	780860	47.815	ng	99
56) 4-Nitrophenol	9.980	139	246741	99.718	ng	99
57) 2,4-Dinitrotoluene	10.057	165	174872	48.752	ng	87
58) Fluorene	10.416	166	590777	48.317	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	158042	45.925	ng	100
60) Diethylphthalate	10.292	149	601703	47.509	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	279176	45.740	ng	98
62) 4-Nitroaniline	10.433	138	135340	42.489	ng	94
63) Azobenzene	10.569	77	550561	45.139	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	43184	25.519	ng	96
66) n-Nitrosodiphenylamine	10.527	169	508198	48.089	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	175216	47.706	ng	97
68) Hexachlorobenzene	10.963	284	199354	50.821	ng	# 91
69) Atrazine	11.063	200	171780	59.743	ng	98
70) Pentachlorophenol	11.163	266	236369	93.826	ng	96
71) Phenanthrene	11.386	178	1186425	67.262	ng	98
72) Anthracene	11.433	178	953472	52.753	ng	100
73) Carbazole	11.592	167	837894	53.347	ng	99
74) Di-n-butylphthalate	11.933	149	909213	50.661	ng	100
75) Fluoranthene	12.580	202	1438748	79.399	ng	100
77) Benzidine	12.704	184	405091	68.981	ng	99
78) Pyrene	12.810	202	1417423	53.360	ng	100
80) Butylbenzylphthalate	13.439	149	415566	43.705	ng	99
81) Benzo(a)anthracene	14.009	228	1144283	57.368	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	354361	55.662	ng	99
83) Chrysene	14.045	228	1069557	54.448	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	517804	46.742	ng	99
85) Di-n-octyl phthalate	14.627	149	1020304	61.481	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	725770	40.797	ng	99
88) Benzo(b)fluoranthene	15.074	252	989289	61.422	ng	99
89) Benzo(k)fluoranthene	15.104	252	819755	51.439	ng	98
90) Benzo(a)pyrene	15.445	252	771629	51.561	ng	99
91) Dibenzo(a,h)anthracene	17.050	278	568895	39.040	ng	99
92) Benzo(g,h,i)perylene	17.492	276	576958	35.574	ng	98

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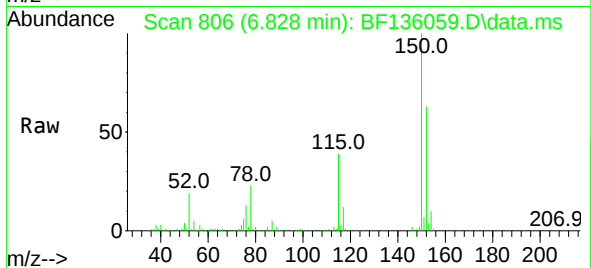
Supervised By :mohammad
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:152 Resp: 132594
Ion Ratio Lower Upper
152 100
150 159.0 126.4 189.6
115 62.1 47.0 70.4

Manual Integrations
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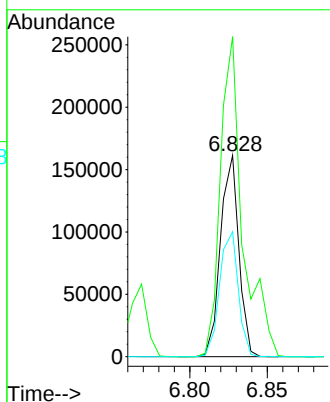
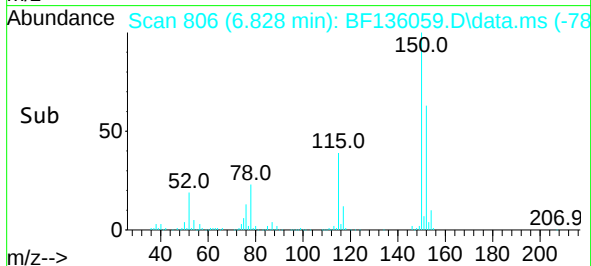
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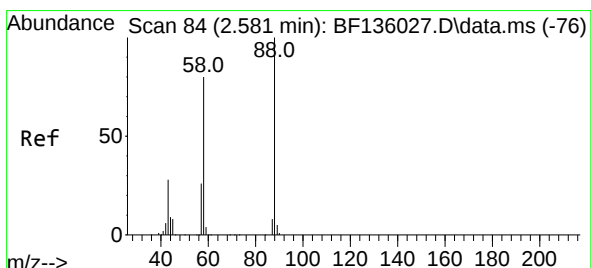
Supervised By :mohammad
ahmed

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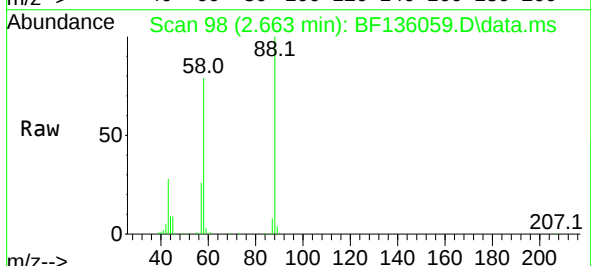
Supervised By :mohammad
ahmed



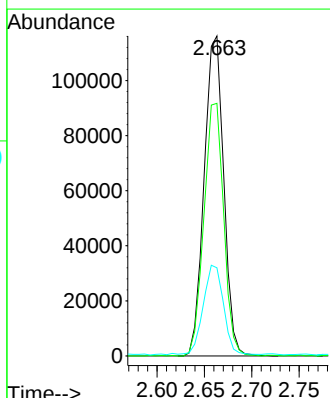
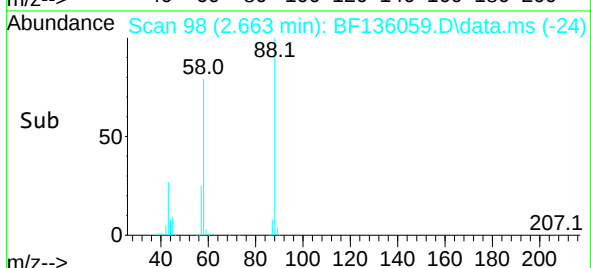
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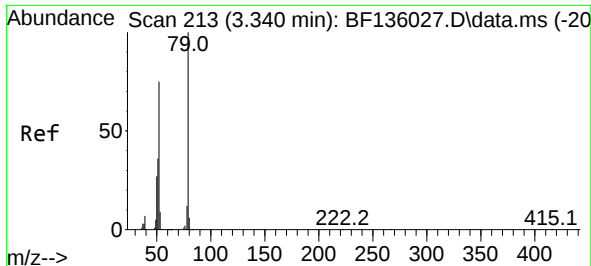


#2
1,4-Dioxane
Concen: 45.345 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.082 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08



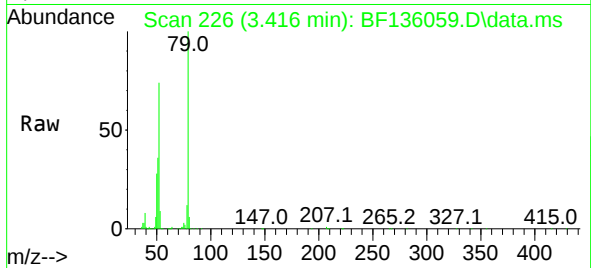
Tgt Ion: 88 Resp: 166609
Ion Ratio Lower Upper
88 100
58 79.7 64.3 96.5
43 29.3 22.3 33.5





#3
Pyridine
Concen: 39.370 ng
RT: 3.416 min Scan# 213
Delta R.T. 0.076 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion: 79 Resp: 39484
Ion Ratio Lower Upper
79 100
52 74.3 60.3 90.5
51 36.1 29.3 43.9

Manual Integrations
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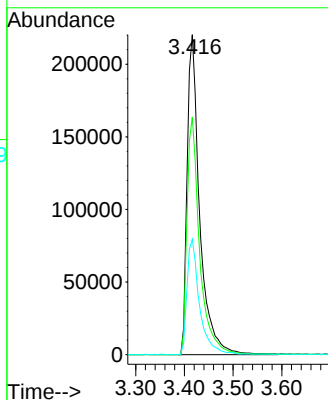
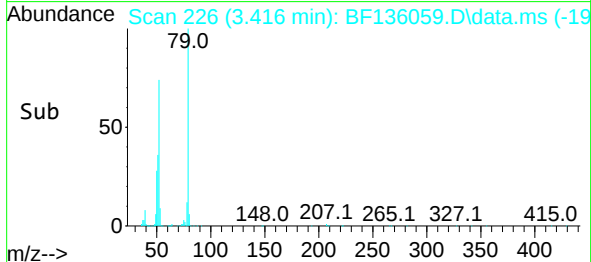
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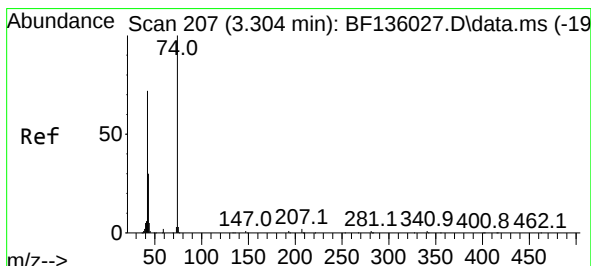
Supervised By :mohammad
ahmed

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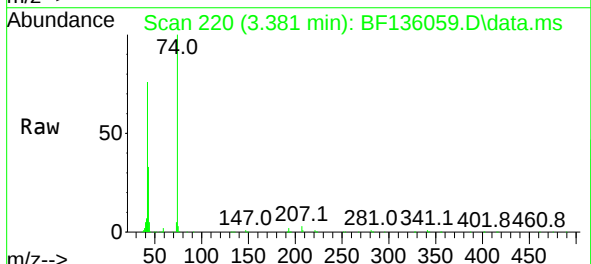
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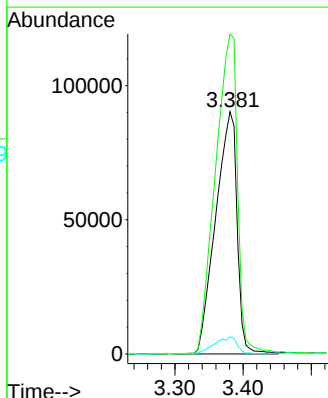
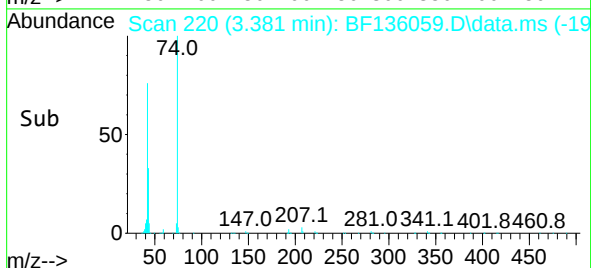
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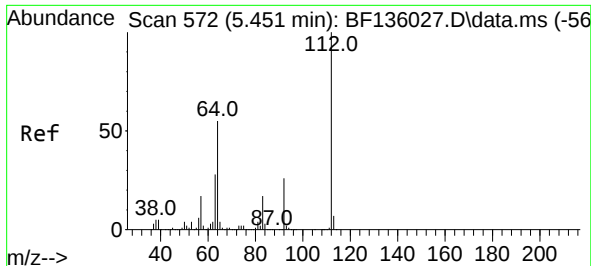


#4
n-Nitrosodimethylamine
Concen: 47.163 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.076 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08



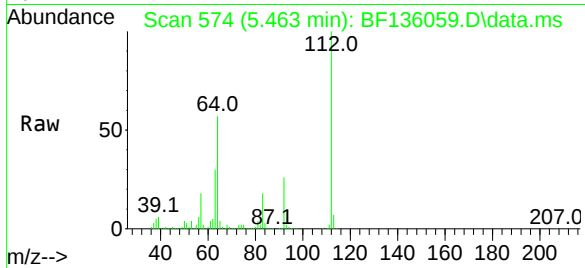
Tgt Ion: 42 Resp: 197760
Ion Ratio Lower Upper
42 100
74 132.1 111.8 167.6
44 7.1 6.2 9.4





#5
2-Fluorophenol
Concen: 105.758 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:112 Resp: 892370
Ion Ratio Lower Upper
112 100
64 57.0 43.9 65.9
63 30.2 22.4 33.6

Manual Integrations
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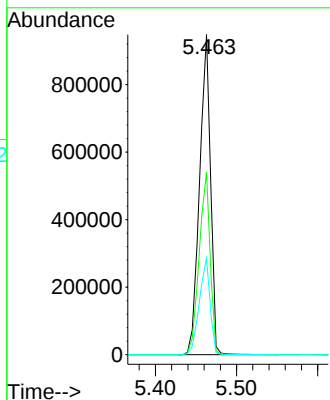
Reviewed By :Yogesh
Patel

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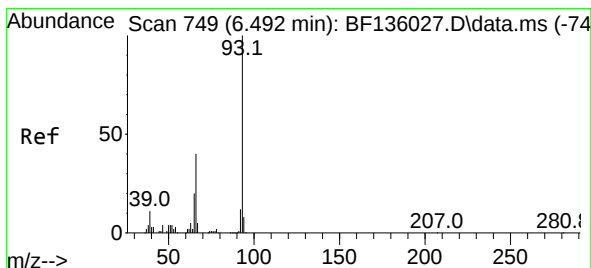
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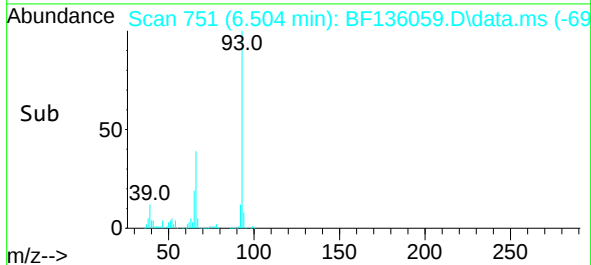
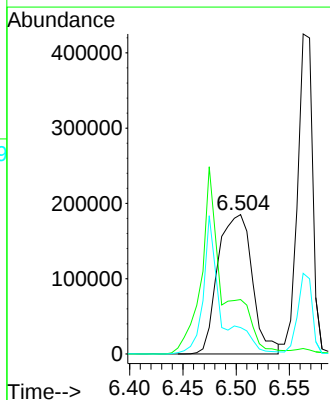
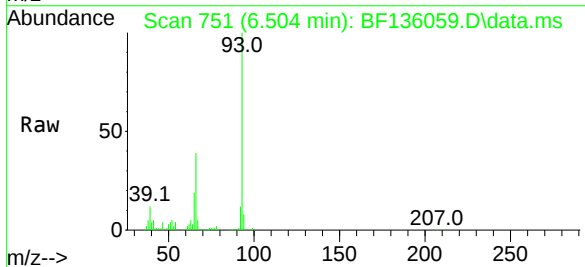


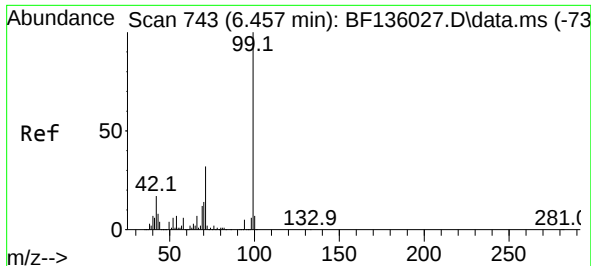
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#6
Aniline
Concen: 30.420 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion: 93 Resp: 414054
Ion Ratio Lower Upper
93 100
66 39.0 32.4 48.6
65 19.0 16.2 24.2





#7

Phenol-d6

Concen: 101.022 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion: 99 Resp: 106206

Ion Ratio Lower Upper

99 100

42 16.5 13.7 20.5

71 32.1 25.9 38.9

Manual Integrations

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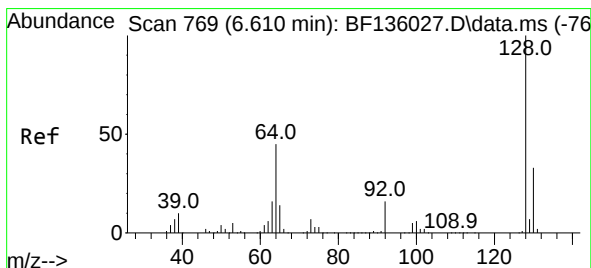
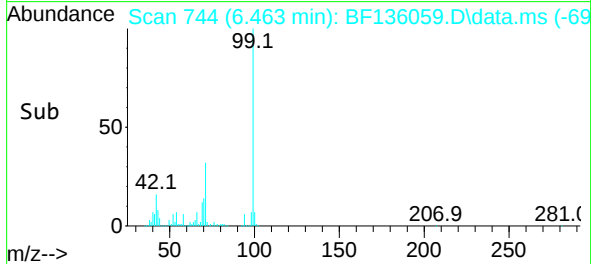
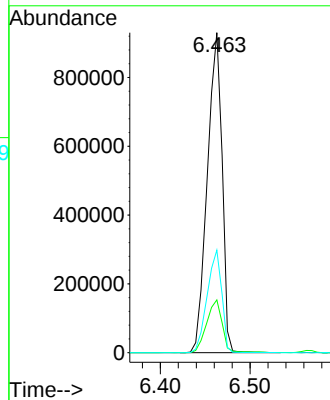
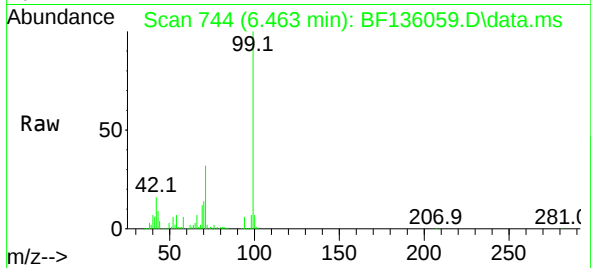
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ahmed

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#8

2-Chlorophenol

Concen: 46.095 ng

RT: 6.610 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

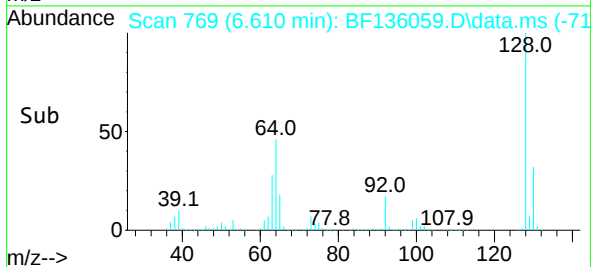
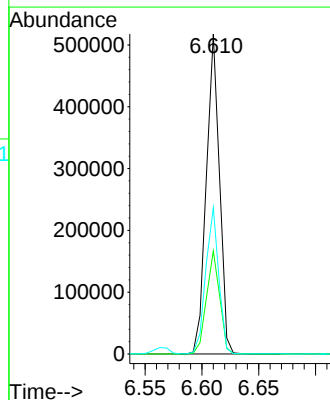
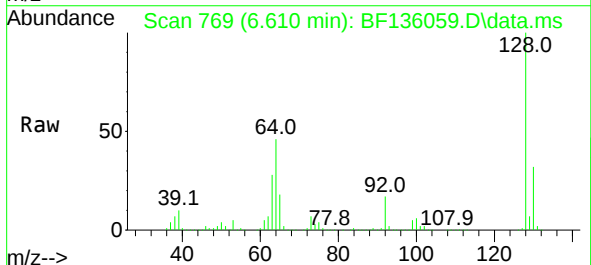
Tgt Ion:128 Resp: 415826

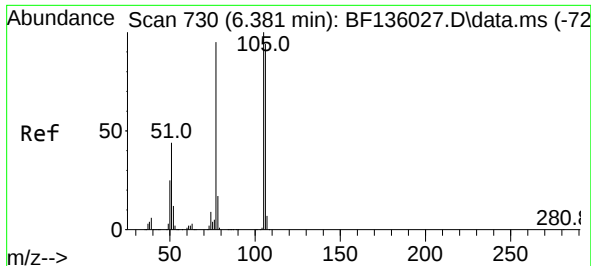
Ion Ratio Lower Upper

128 100

130 32.2 12.8 52.8

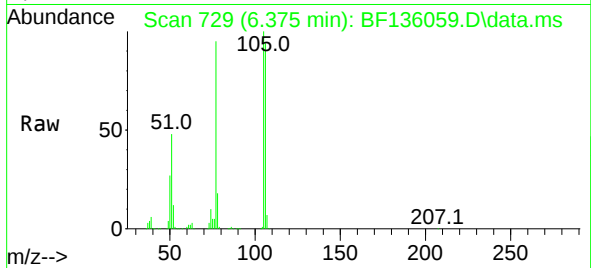
64 45.7 25.8 65.8





#9
Benzaldehyde
Concen: 23.863 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion: 77 Resp: 13988
Ion Ratio Lower Upper
77 100
105 105.1 85.7 125.7
106 99.2 79.8 119.8

Manual Integrations
APPROVED

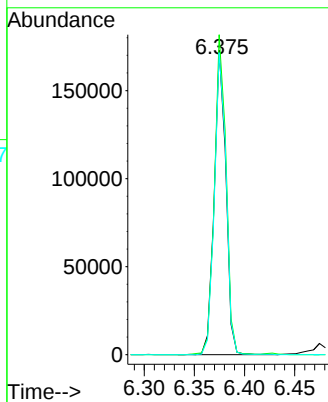
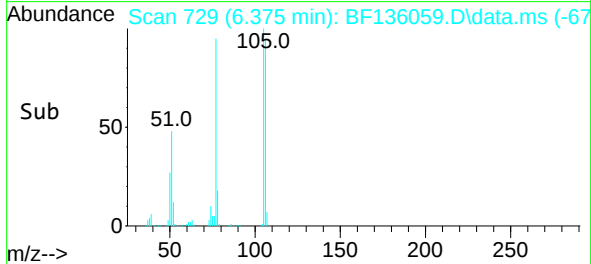
Reviewed By :Yogesh
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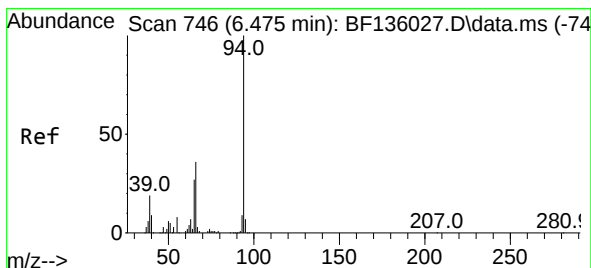
Supervised By :mohammad
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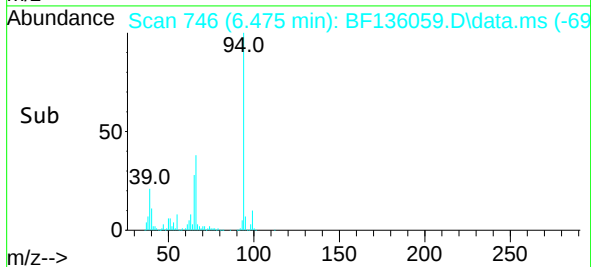
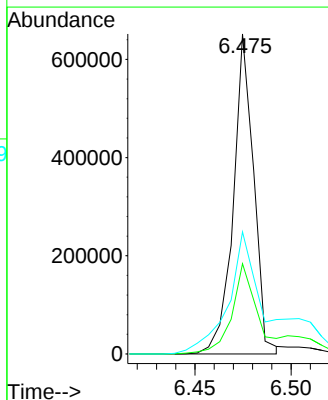
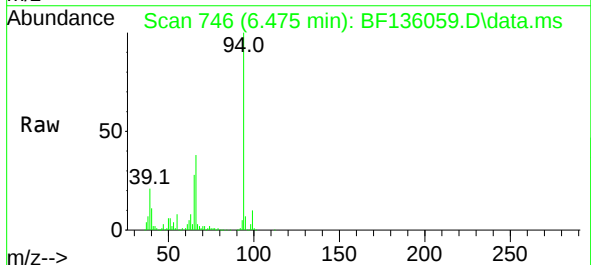


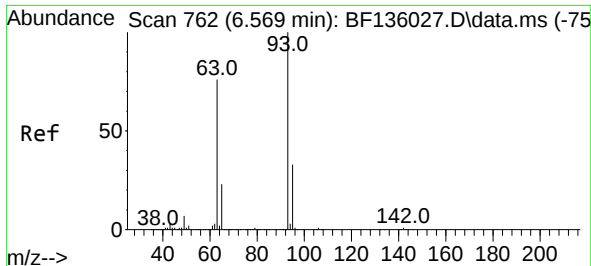
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#10
Phenol
Concen: 44.273 ng m
RT: 6.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion: 94 Resp: 481419
Ion Ratio Lower Upper
94 100
65 28.2 7.5 47.5
66 38.2 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 48.249 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion: 93 Resp: 410730
Ion Ratio Lower Upper
93 100
63 77.6 55.8 95.8
95 31.6 12.9 52.9

Manual Integrations
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Reviewed By :Yogesh
Patel

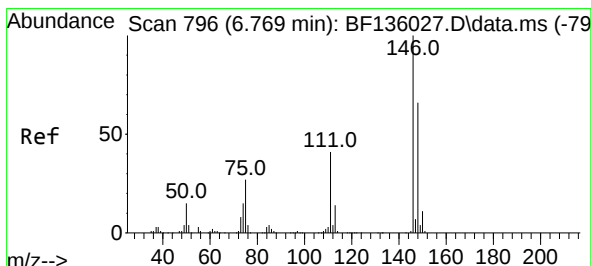
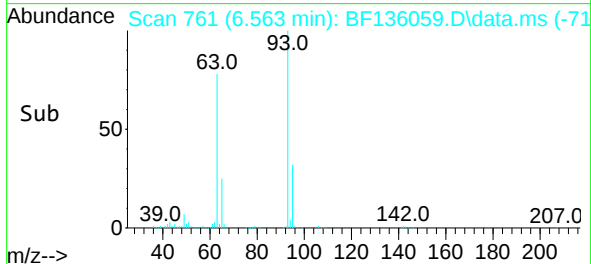
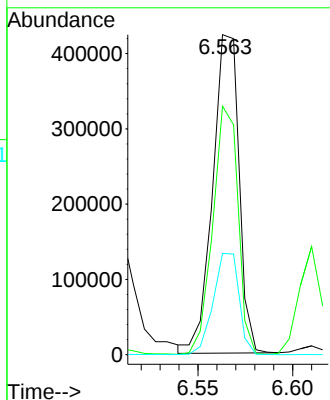
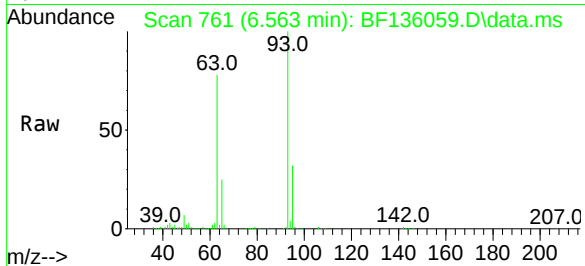
11/01/2023

Supervised By :mohammad
ahmed

11/01/2023

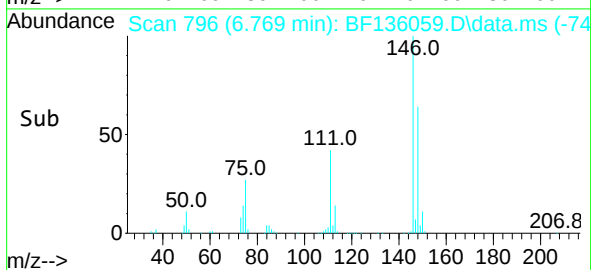
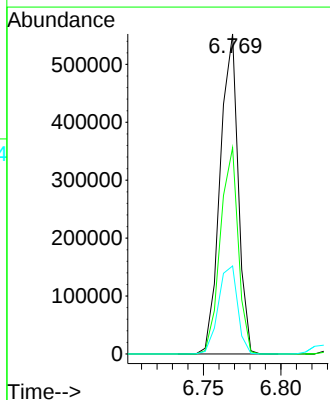
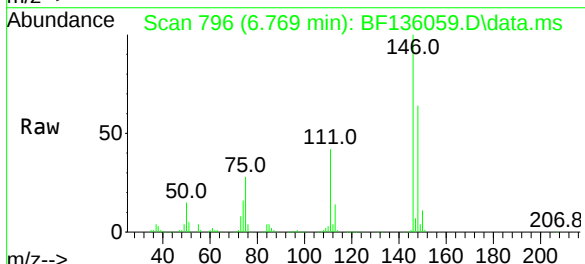
Supervised By :mohammad
ahmed

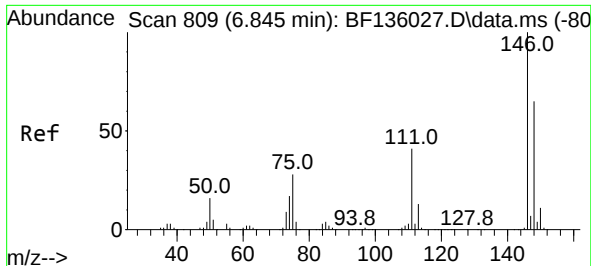
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#12
1,3-Dichlorobenzene
Concen: 47.609 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:146 Resp: 447008
Ion Ratio Lower Upper
146 100
148 64.5 52.6 78.8
75 27.5 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 47.862 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:146 Resp: 450350

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
111	41.5	32.6	48.8

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

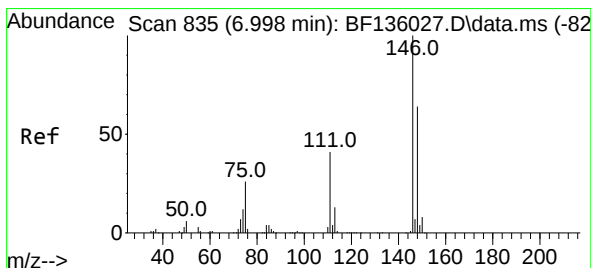
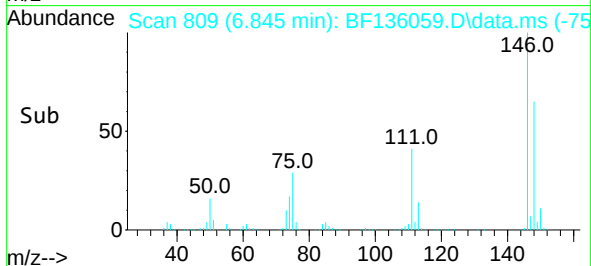
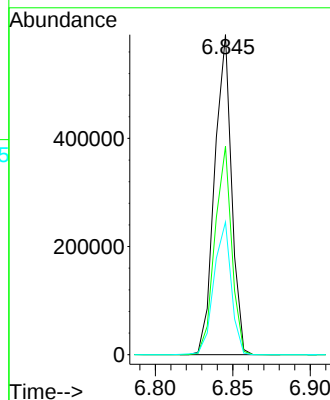
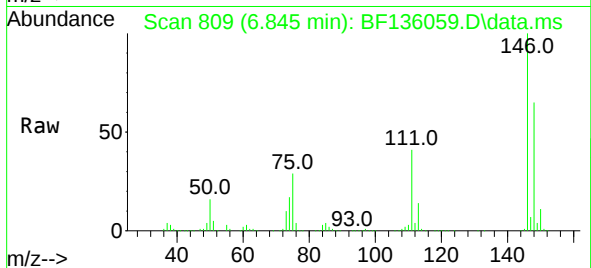
11/01/2023

Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

11/01/2023



#14

1,2-Dichlorobenzene

Concen: 48.471 ng

RT: 6.992 min Scan# 834

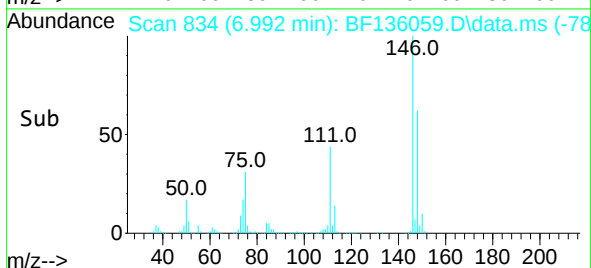
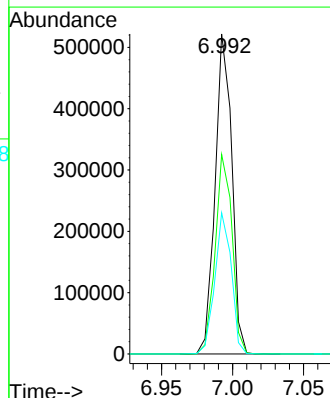
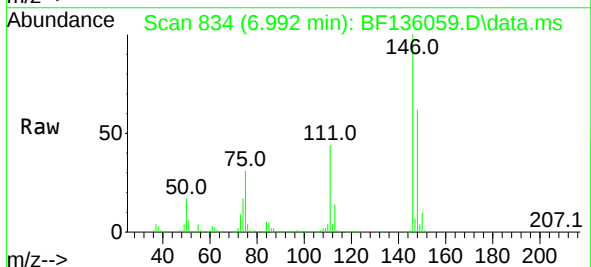
Delta R.T. -0.006 min

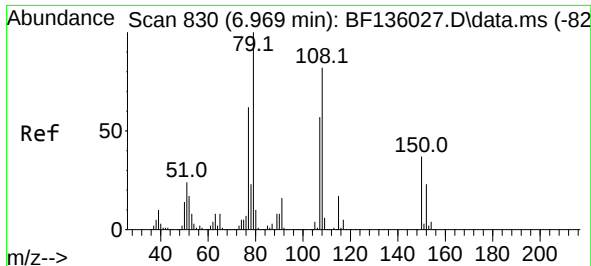
Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Tgt Ion:146 Resp: 426468

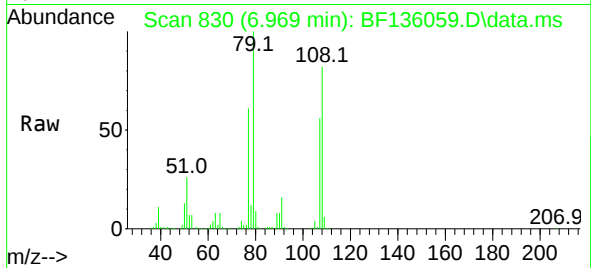
Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.4	77.2
111	44.1	33.0	49.4





#15
Benzyl Alcohol
Concen: 43.963 ng
RT: 6.969 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion: 79 Resp: 32771
Ion Ratio Lower Upper
79 100
108 81.9 65.9 98.9
77 60.6 49.4 74.2

Manual Integrations
APPROVED

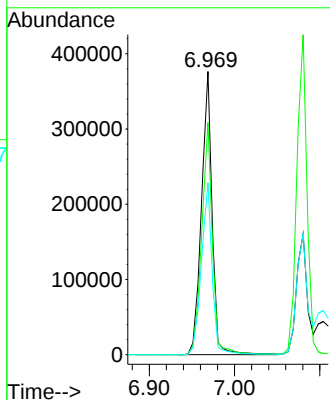
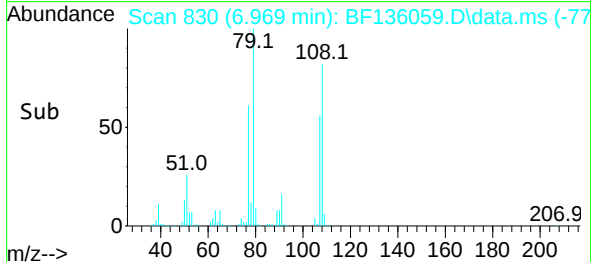
Reviewed By :Yogesh
Patel

11/01/2023

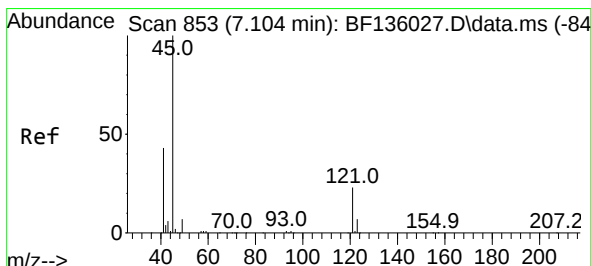
Supervised By :mohammad
ahmed

11/01/2023

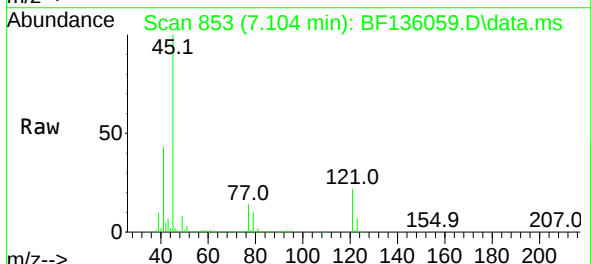
Supervised By :mohammad
ahmed



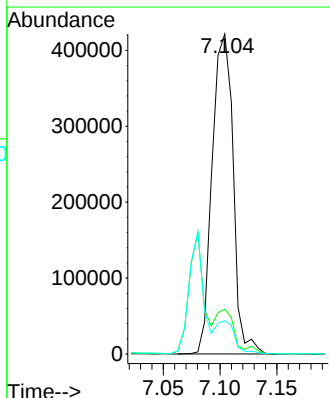
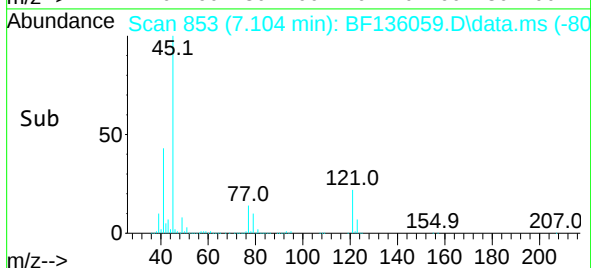
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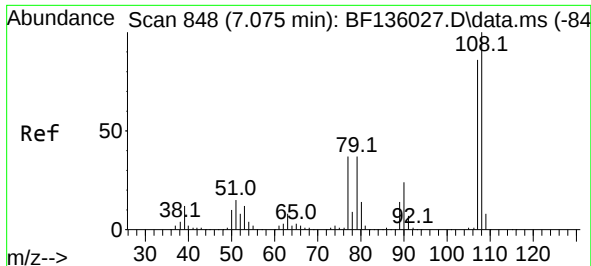


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.078 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08



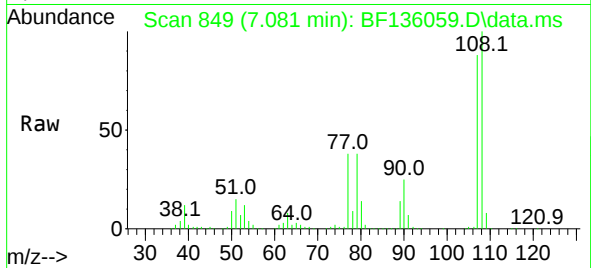
Tgt Ion: 45 Resp: 539904
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.6
79 10.4 0.0 30.6





#17
2-Methylphenol
Concen: 40.465 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:107 Resp: 30967
Ion Ratio Lower Upper
107 100
108 113.1 93.4 140.2
77 42.7 34.4 51.6
79 42.7 34.7 52.1

Manual Integrations
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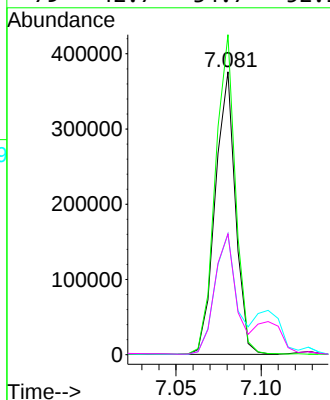
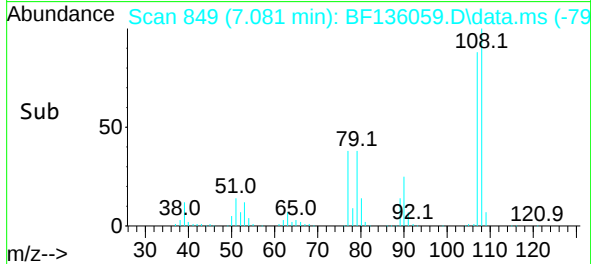
Reviewed By :Yogesh
Patel

11/01/2023

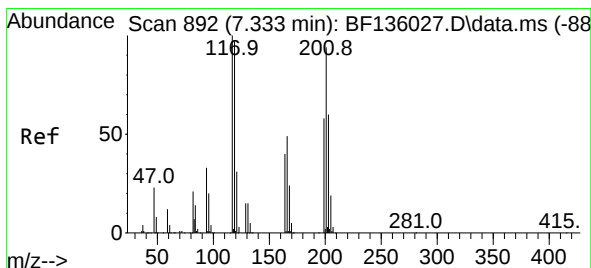
Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

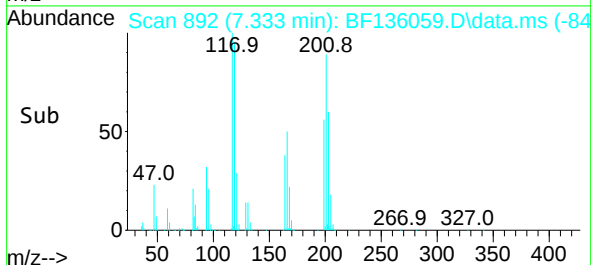
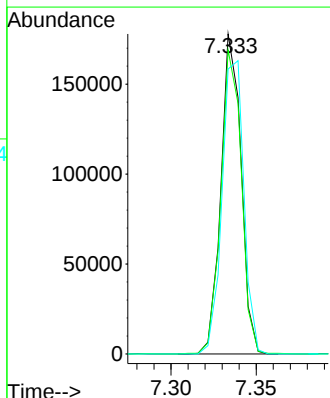
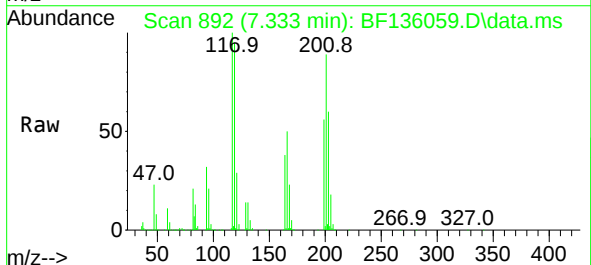


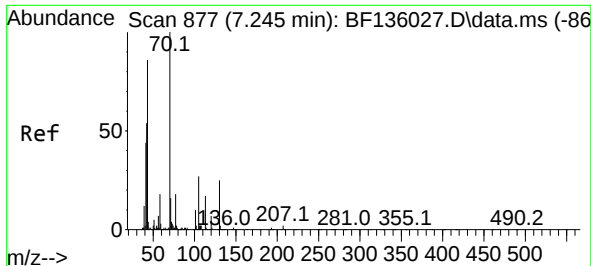
11/01/2023



#18
Hexachloroethane
Concen: 44.205 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

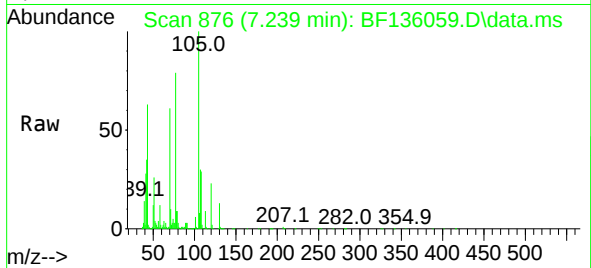
Tgt Ion:117 Resp: 146194
Ion Ratio Lower Upper
117 100
119 95.0 77.7 116.5
201 89.0 75.0 112.6





#19
n-Nitroso-di-n-propylamine
Concen: 42.405 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion: 70 Resp: 254728
Ion Ratio Lower Upper
70 100
42 57.0 43.0 64.4
101 9.9 8.0 12.0
130 21.5 19.7 29.5

Manual Integrations
APPROVED

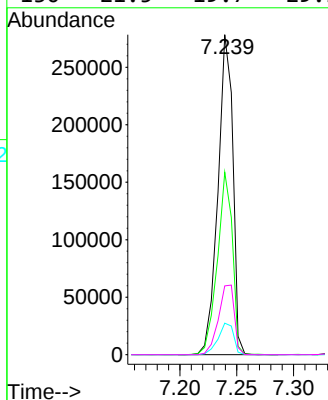
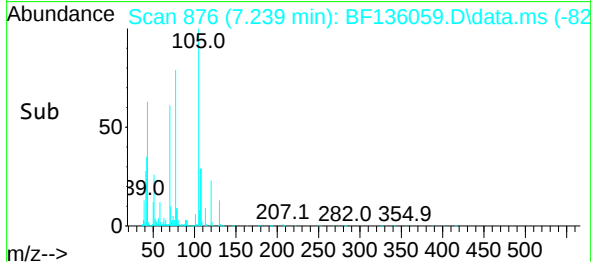
Reviewed By :Yogesh
Patel

11/01/2023

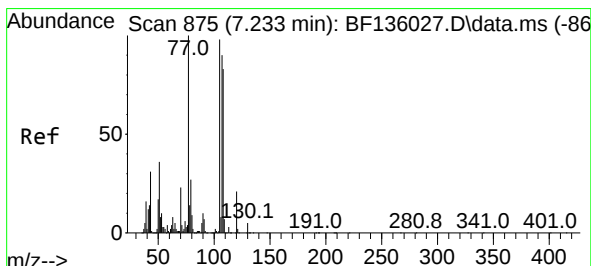
Supervised By :mohammad
ahmed

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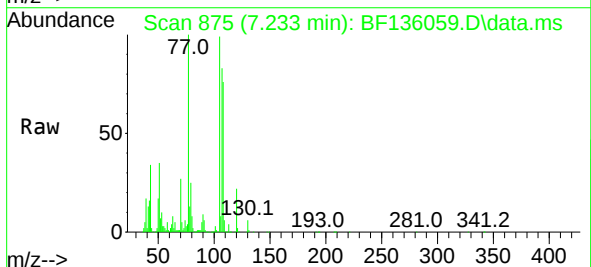
Supervised By :mohammad
ahmed



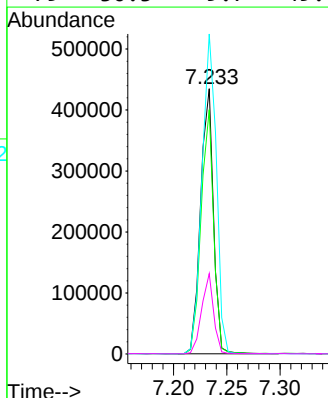
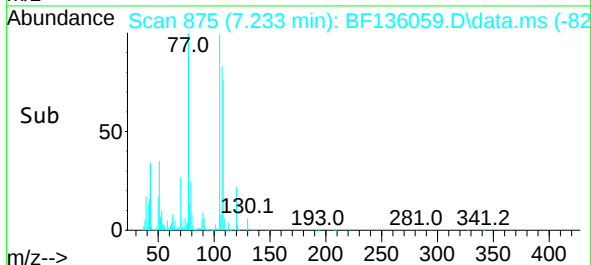
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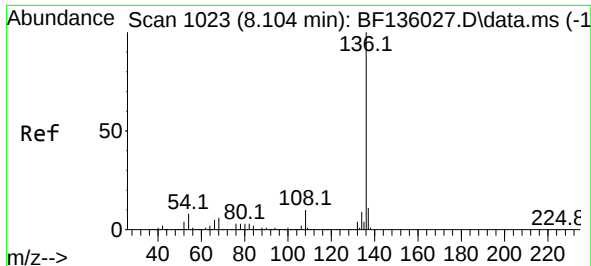


#20
3+4-Methylphenols
Concen: 39.422 ng
RT: 7.233 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08



Tgt Ion:107 Resp: 367884
Ion Ratio Lower Upper
107 100
108 92.1 72.3 112.3
77 120.6 91.4 131.4
79 30.3 9.7 49.7





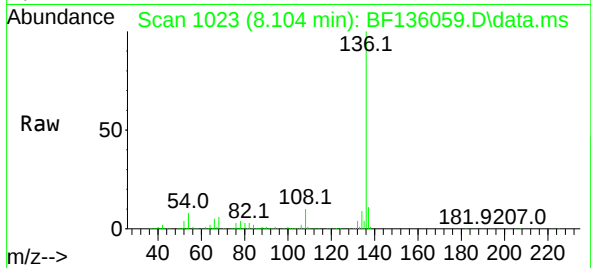
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :

BNF_F

ClientSampleId :

TP-4MS



Tgt Ion:136 Resp: 475274
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.5 6.6 9.8
68 6.2 4.8 7.2

Manual Integrations
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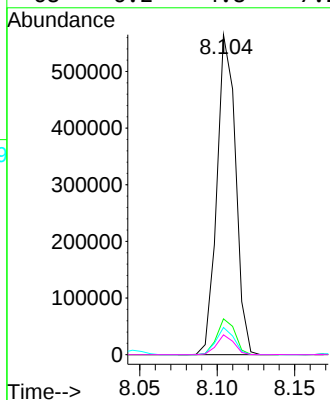
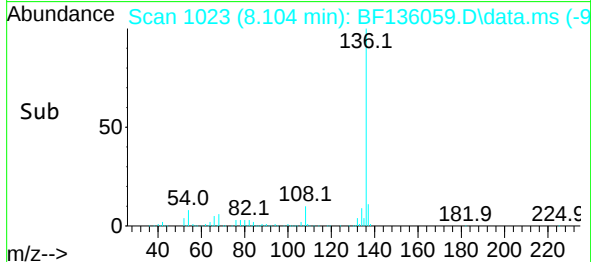
Reviewed By :Yogesh
Patel

11/01/2023

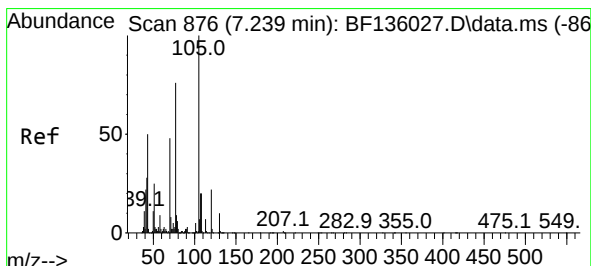
Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

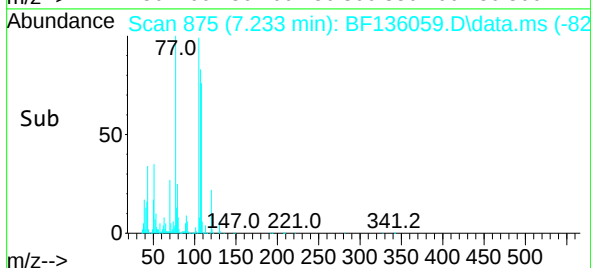
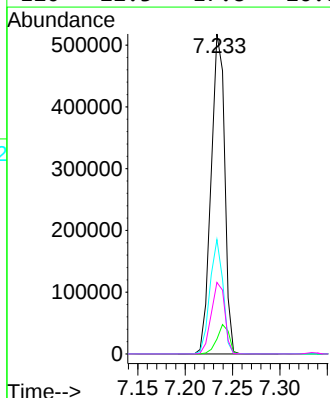
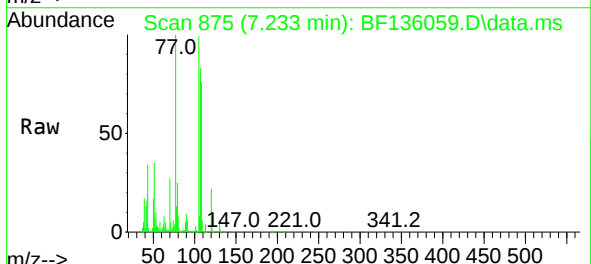


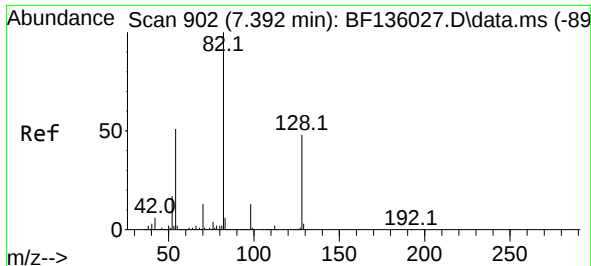
11/01/2023



#22
Acetophenone
Concen: 48.816 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:105 Resp: 514463
Ion Ratio Lower Upper
105 100
71 4.6 6.5 9.7#
51 35.7 20.3 30.5#
120 22.3 17.8 26.8





#23

Nitrobenzene-d5

Concen: 78.014 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion: 82 Resp: 615070
 Ion Ratio Lower Upper
 82 100
 128 45.9 38.6 57.8
 54 52.3 40.8 61.2

Manual Integrations
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Reviewed By :Yogesh
 Patel

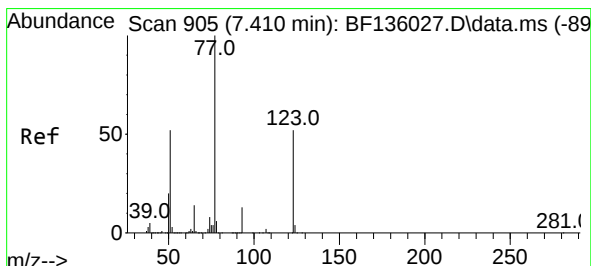
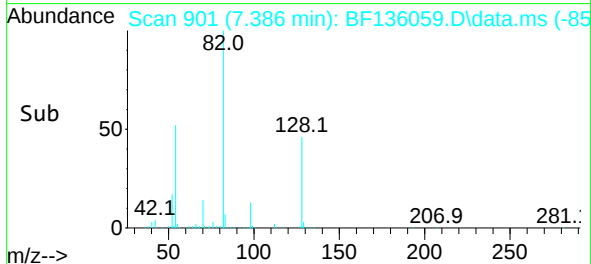
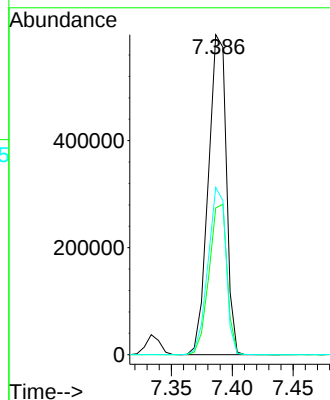
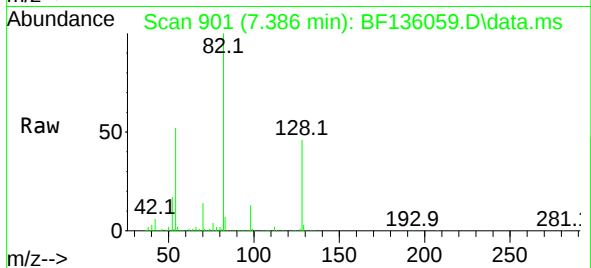
11/01/2023

Supervised By :mohammad
 ahmed

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Supervised By :mohammad
 ahmed

11/01/2023



#24

Nitrobenzene

Concen: 48.113 ng

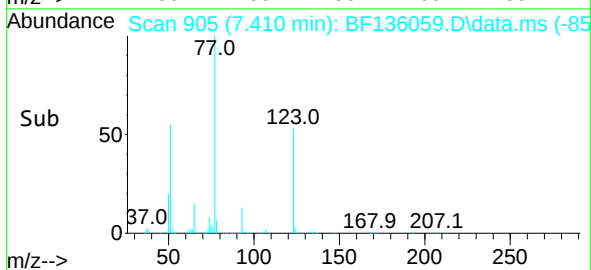
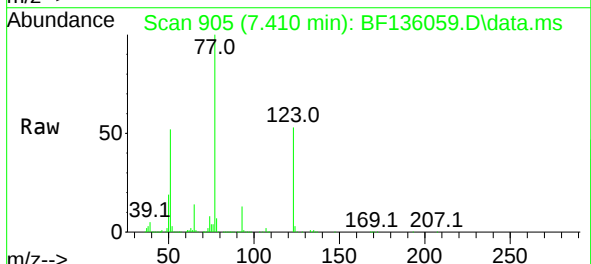
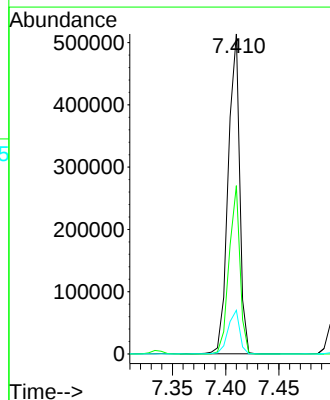
RT: 7.410 min Scan# 905

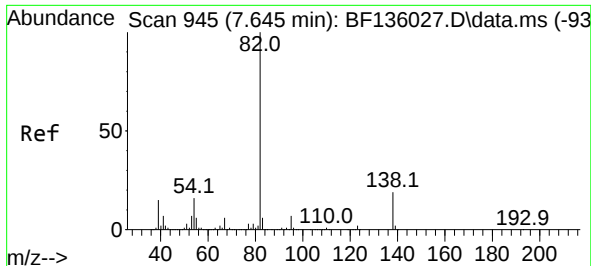
Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

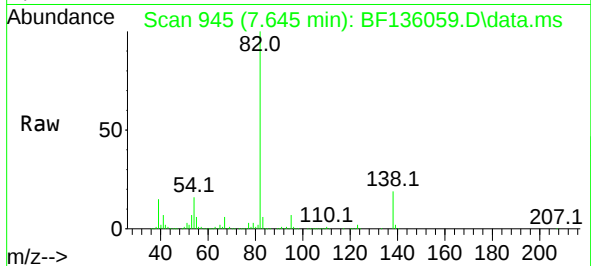
Tgt Ion: 77 Resp: 383696
 Ion Ratio Lower Upper
 77 100
 123 52.6 42.3 63.5
 65 13.6 11.0 16.6





#25
Isophorone
Concen: 46.130 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion: 82 Resp: 686610
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 19.0 15.3 22.9

Manual Integrations
APPROVED

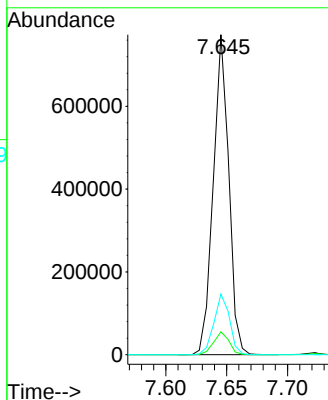
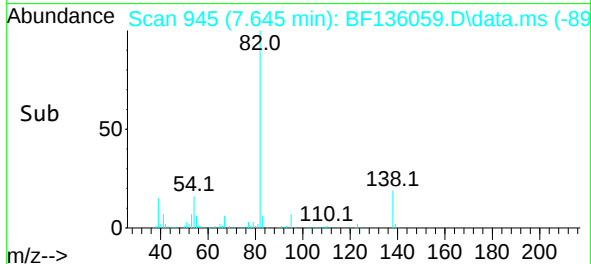
Reviewed By :Yogesh
Patel

11/01/2023

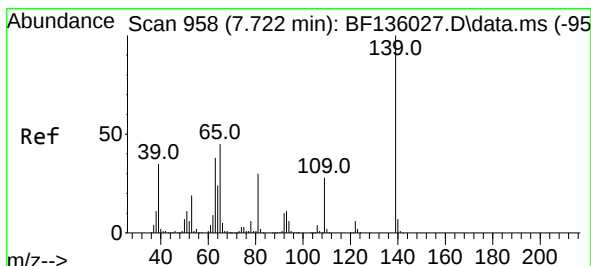
Supervised By :mohammad
ahmed

11/01/2023

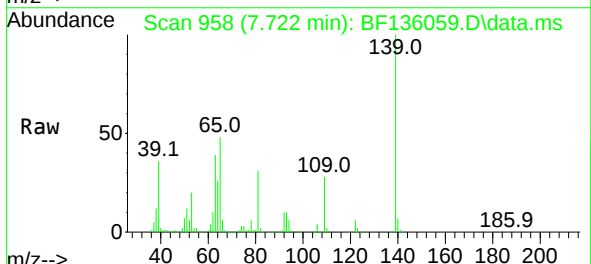
Supervised By :mohammad
ahmed



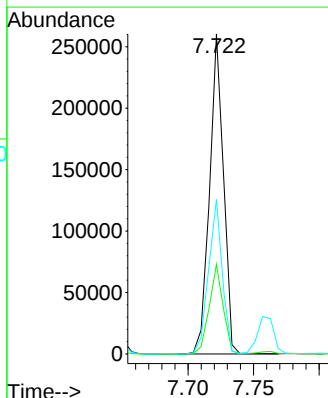
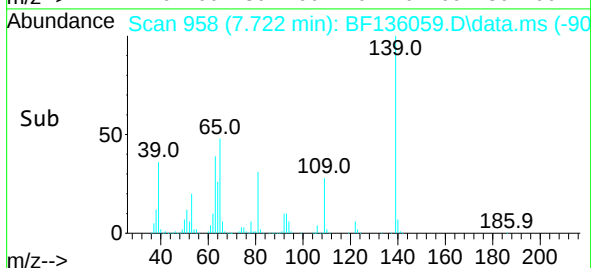
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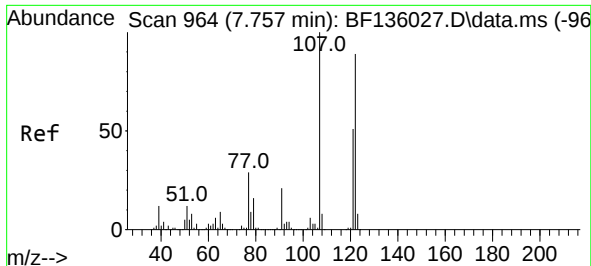


#26
2-Nitrophenol
Concen: 52.914 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08



Tgt Ion:139 Resp: 192532
Ion Ratio Lower Upper
139 100
109 28.0 22.6 34.0
65 48.2 36.3 54.5





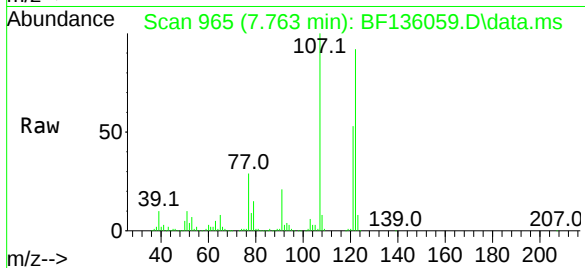
#27
2,4-Dimethylphenol
Concen: 40.654 ng
RT: 7.763 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS



Tgt Ion:122 Resp: 27952
Ion Ratio Lower Upper
122 100
107 108.2 89.6 134.4
121 57.6 46.0 69.0

Manual Integrations
APPROVED

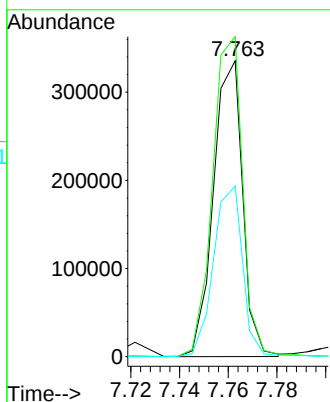
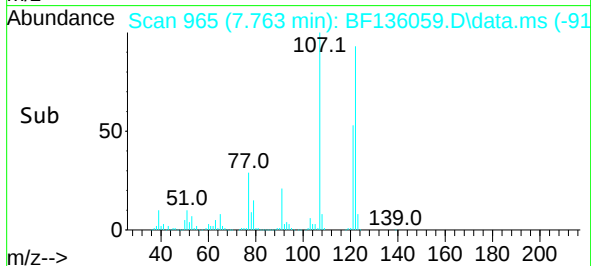
Reviewed By :Yogesh
Patel

11/01/2023

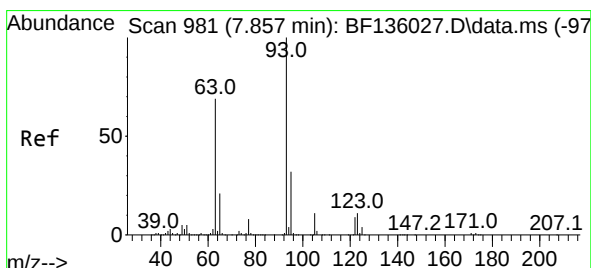
Supervised By :mohammad
ahmed

11/01/2023

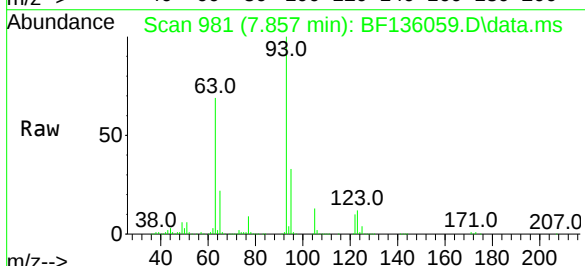
Supervised By :mohammad
ahmed



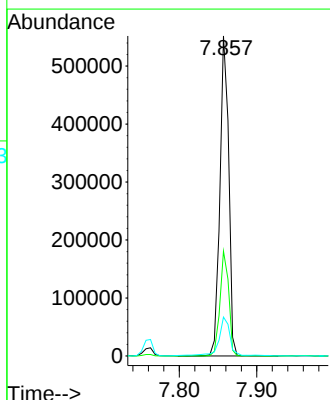
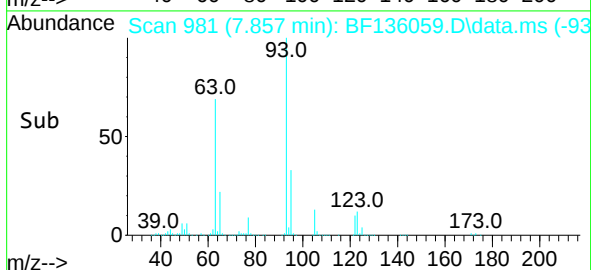
11/01/2023

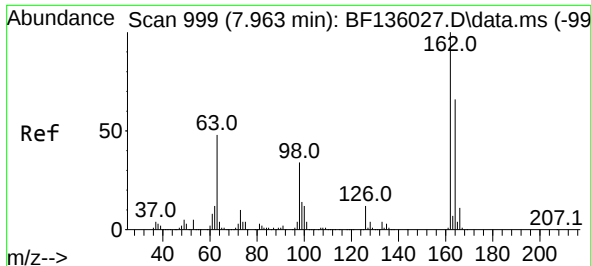


#28
bis(2-Chloroethoxy)methane
Concen: 48.085 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08



Tgt Ion: 93 Resp: 438523
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 12.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.883 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:162 Resp: 297410

Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.5	85.5
98	35.6	14.4	54.4

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

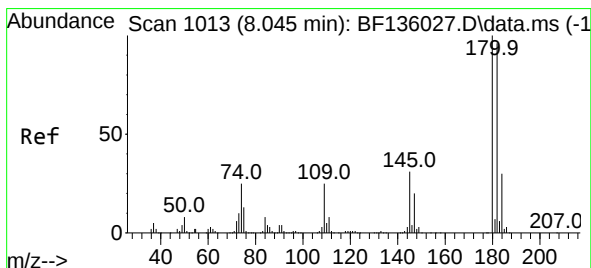
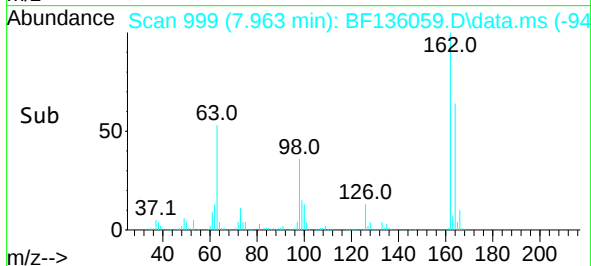
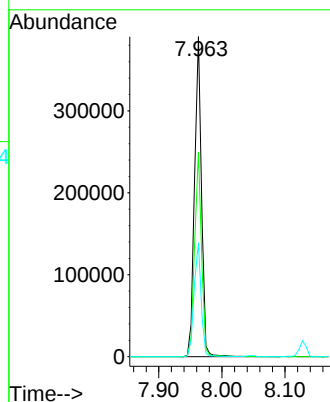
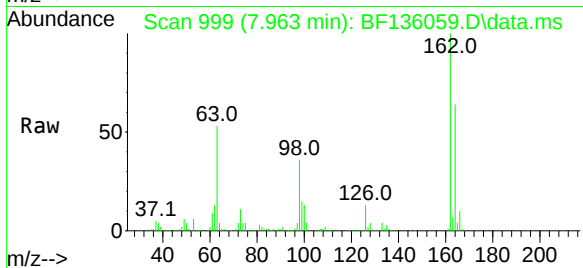
11/01/2023

Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

11/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.207 ng

RT: 8.045 min Scan# 1013

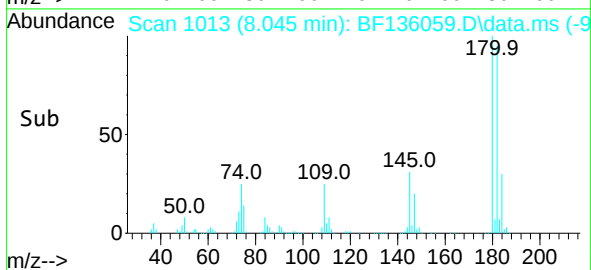
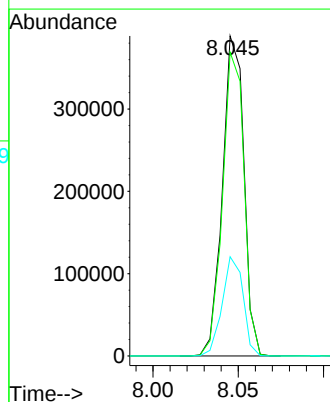
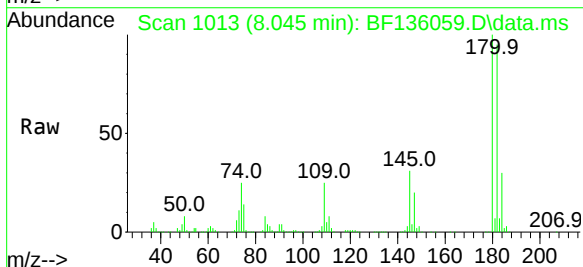
Delta R.T. 0.000 min

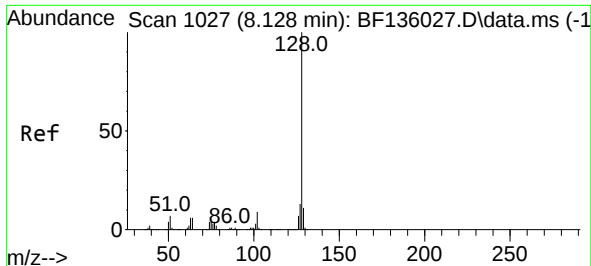
Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Tgt Ion:180 Resp: 340875

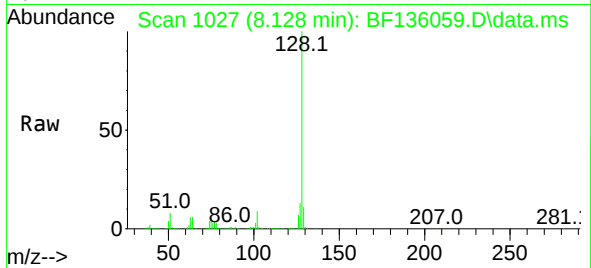
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.9	115.3
145	31.0	24.7	37.1





#31
Naphthalene
Concen: 46.249 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:128 Resp: 1059955
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.3 10.5 15.7

Manual Integrations
APPROVED

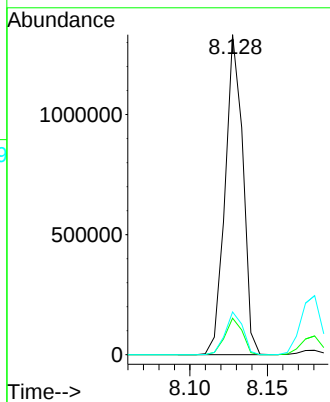
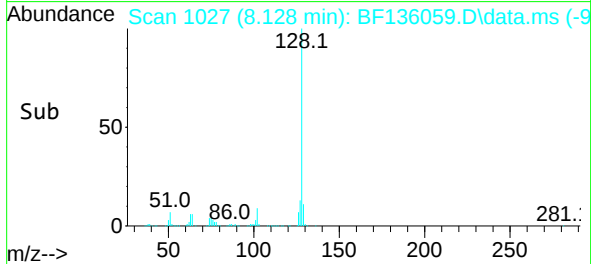
Reviewed By :Yogesh
Patel

11/01/2023

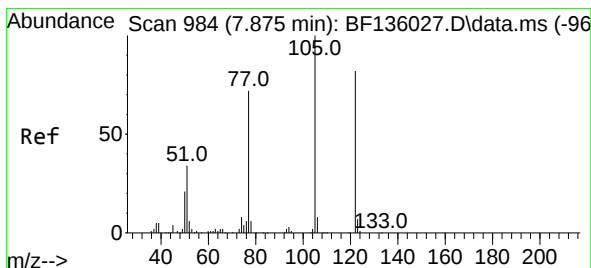
Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

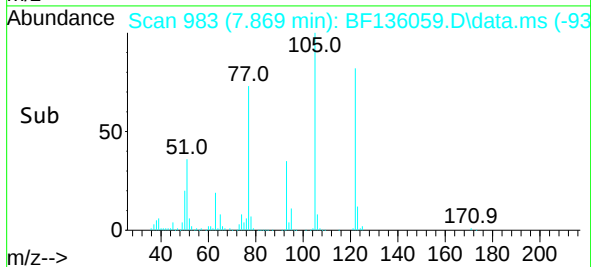
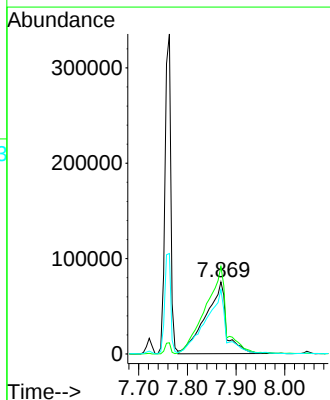
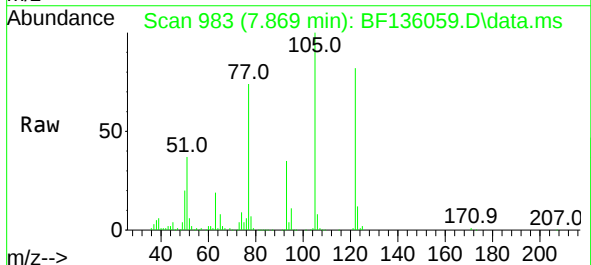


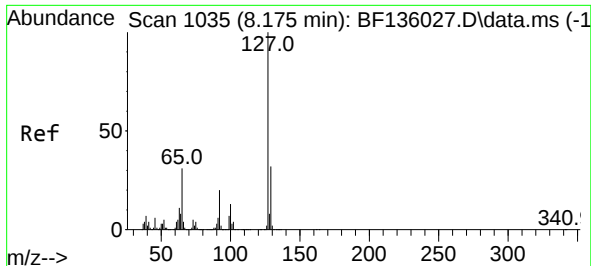
11/01/2023



#32
Benzoic acid
Concen: 41.931 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:122 Resp: 226969
Ion Ratio Lower Upper
122 100
105 121.6 99.5 139.5
77 89.6 66.8 106.8





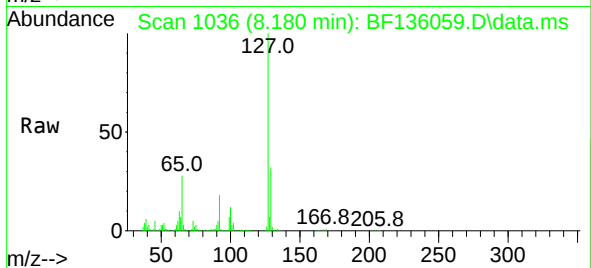
#33
4-Chloroaniline
Concen: 23.858 ng
RT: 8.180 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS



Tgt Ion:127 Resp: 23946
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9
65 27.6 24.6 37.0
92 18.4 15.7 23.5

Manual Integrations
APPROVED

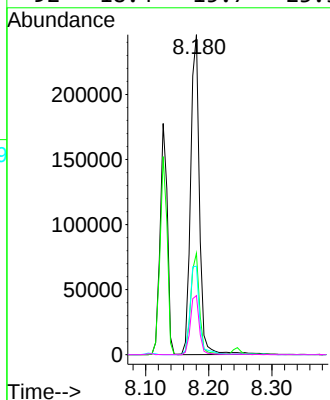
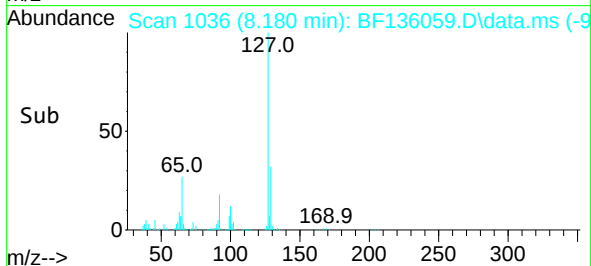
Reviewed By :Yogesh
Patel

11/01/2023

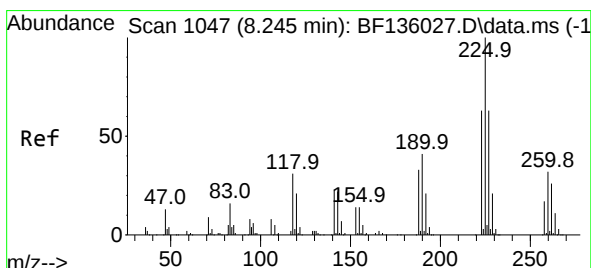
Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

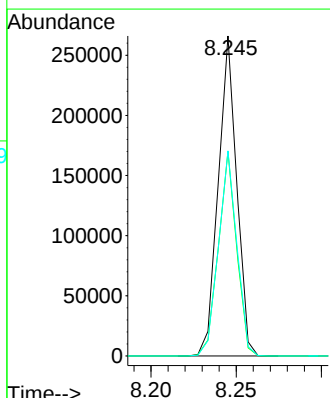
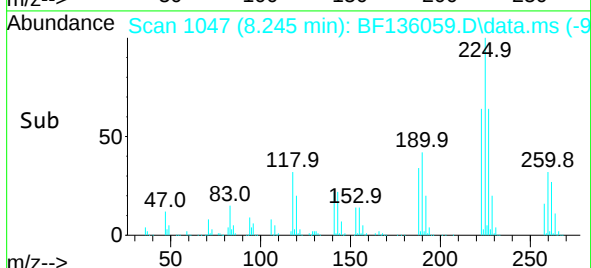
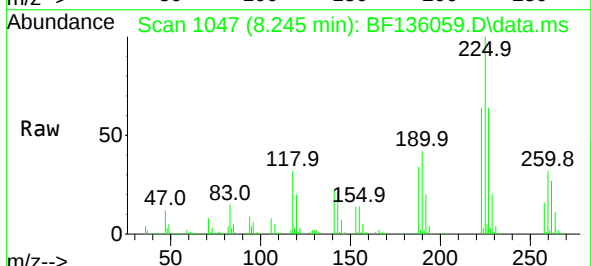


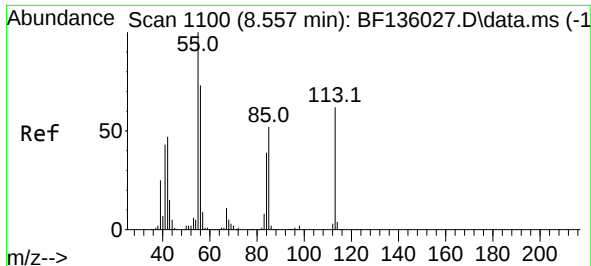
11/01/2023



#34
Hexachlorobutadiene
Concen: 49.380 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

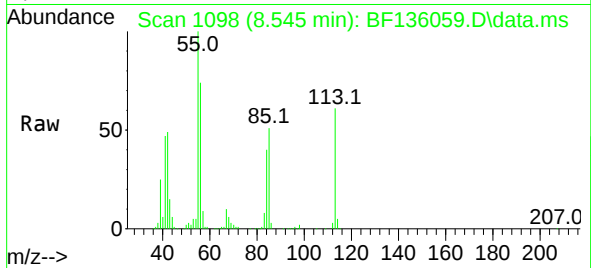
Tgt Ion:225 Resp: 200240
Ion Ratio Lower Upper
225 100
223 64.0 50.3 75.5
227 64.1 50.6 75.8





#35
Caprolactam
Concen: 43.747 ng m
RT: 8.545 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:113 Resp: 92204
Ion Ratio Lower Upper
113 100
55 165.1 142.2 182.2
56 122.1 97.7 137.7

Manual Integrations
APPROVED

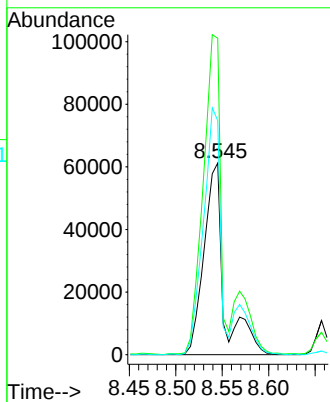
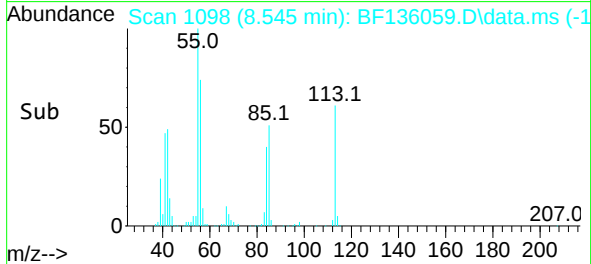
Reviewed By :Yogesh
Patel

11/01/2023

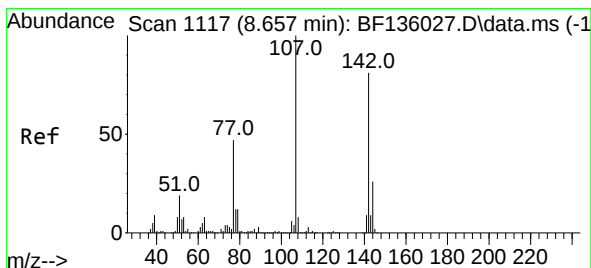
Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

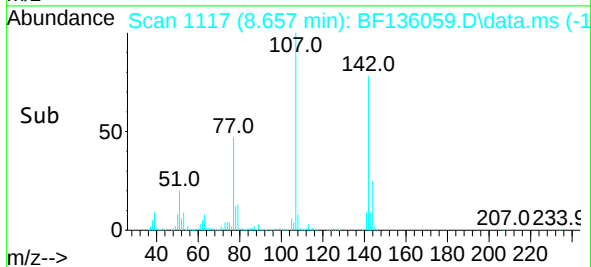
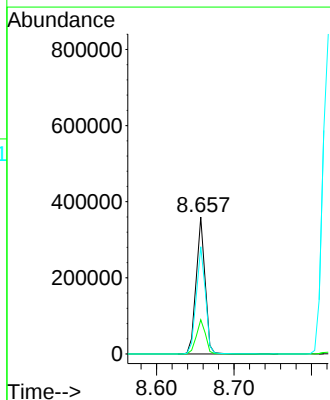
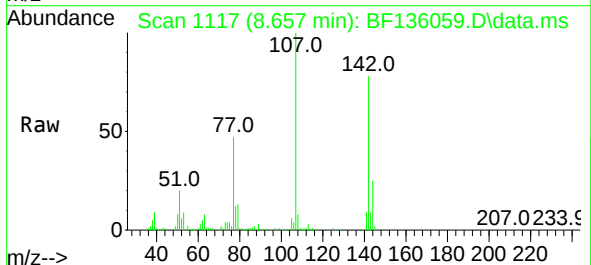


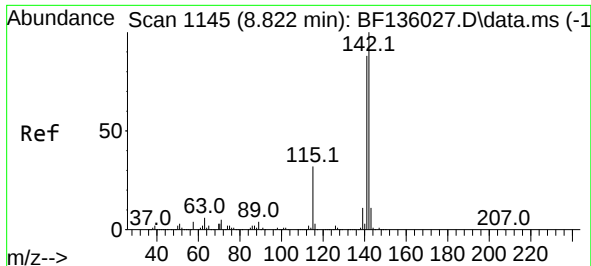
11/01/2023



#36
4-Chloro-3-methylphenol
Concen: 42.544 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:107 Resp: 289510
Ion Ratio Lower Upper
107 100
144 25.0 20.6 31.0
142 78.3 64.6 97.0





#37
2-Methylnaphthalene
Concen: 41.765 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:142 Resp: 64182
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

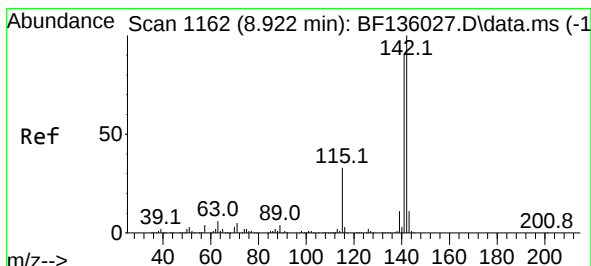
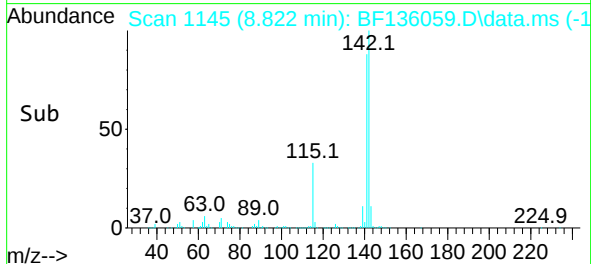
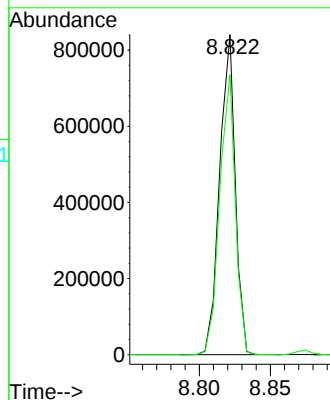
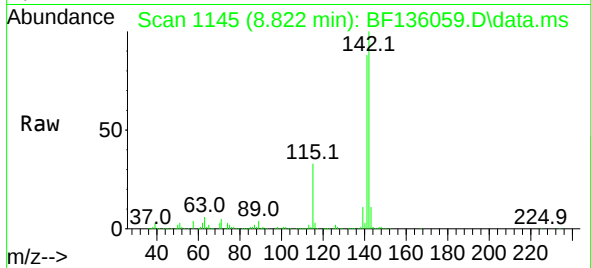
11/01/2023

Supervised By :mohammad
ahmed

11/01/2023

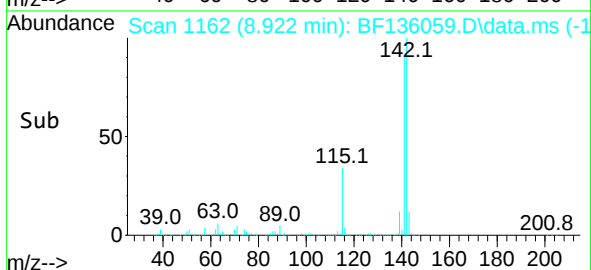
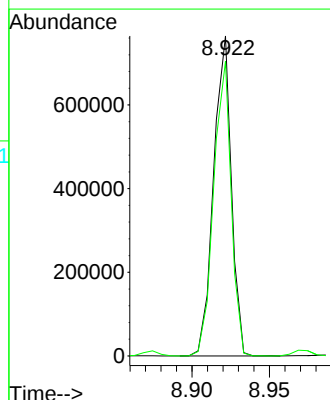
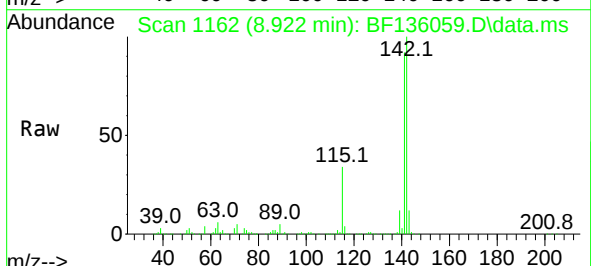
Supervised By :mohammad
ahmed

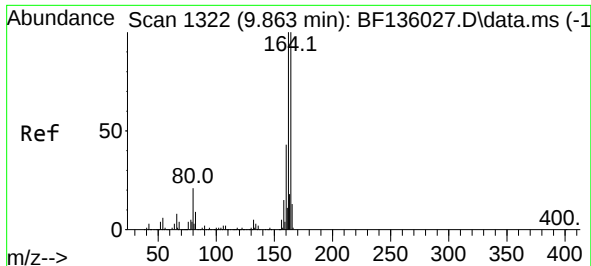
11/01/2023



#38
1-Methylnaphthalene
Concen: 42.523 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

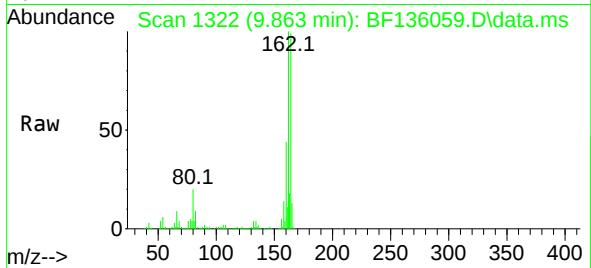
Tgt Ion:142 Resp: 608121
Ion Ratio Lower Upper
142 100
141 92.1 72.6 109.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:164 Resp: 20095
Ion Ratio Lower Upper
164 100
162 101.5 80.1 120.1
160 44.2 34.8 52.2

Manual Integrations
APPROVED

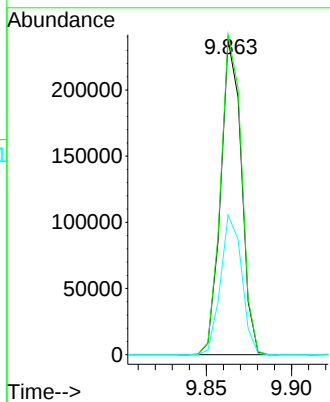
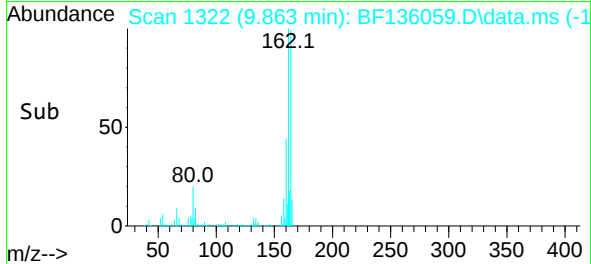
Reviewed By :Yogesh
Patel

11/01/2023

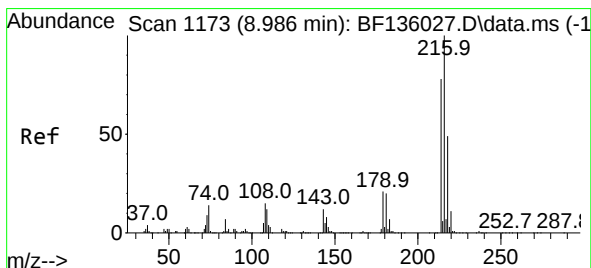
Supervised By :mohammad
ahmed

11/01/2023

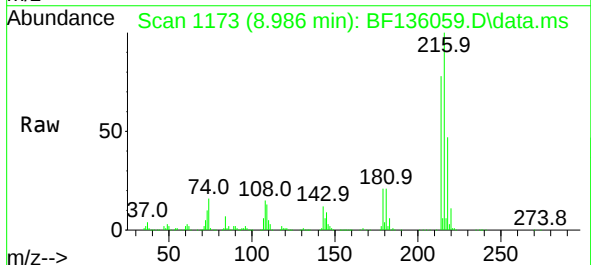
Supervised By :mohammad
ahmed



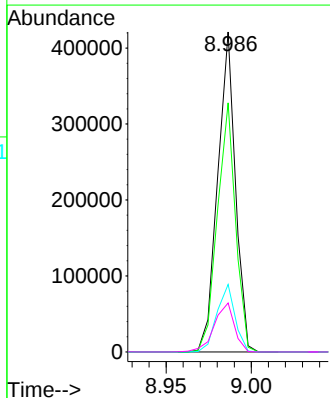
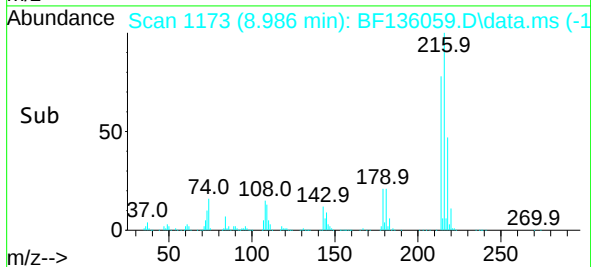
11/01/2023

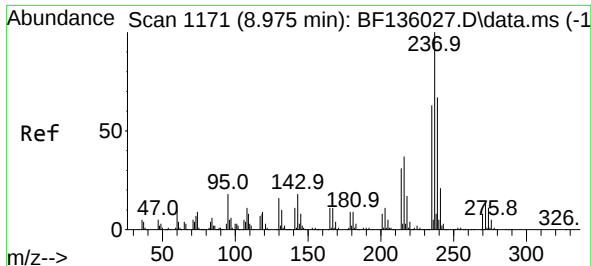


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.315 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08



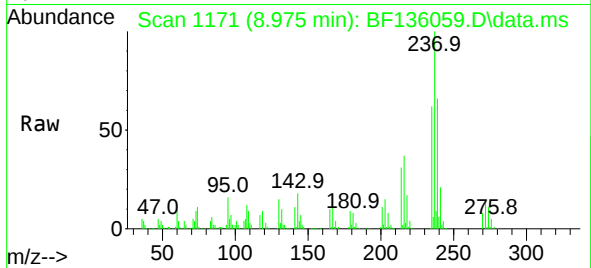
Tgt Ion:216 Resp: 305550
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.6
179 21.5 17.5 26.3
108 17.4 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 30.607 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:237 Resp: 9371
Ion Ratio Lower Upper
237 100
235 62.2 43.3 83.3
272 14.2 0.0 34.2

Manual Integrations
APPROVED

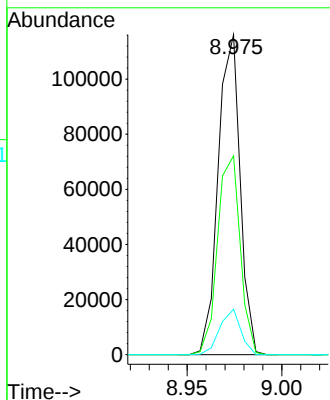
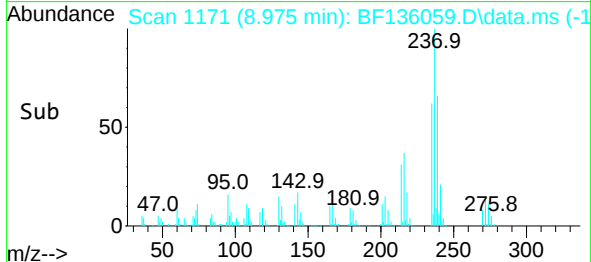
Reviewed By :Yogesh
Patel

11/01/2023

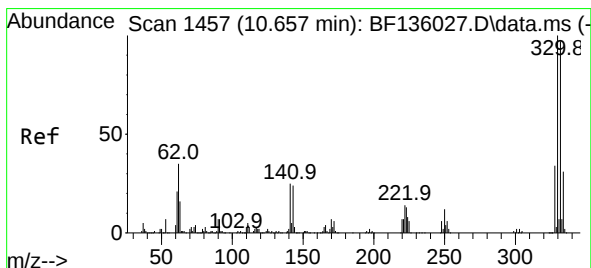
Supervised By :mohammad
ahmed

11/01/2023

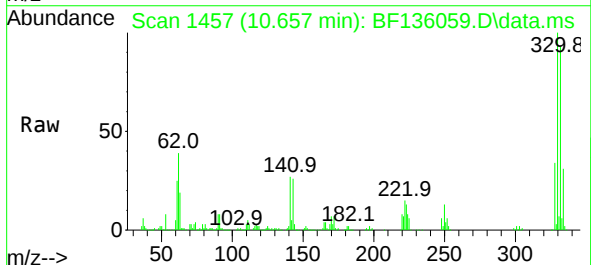
Supervised By :mohammad
ahmed



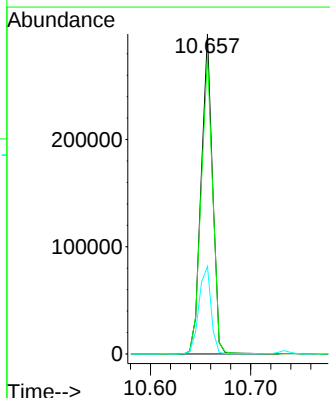
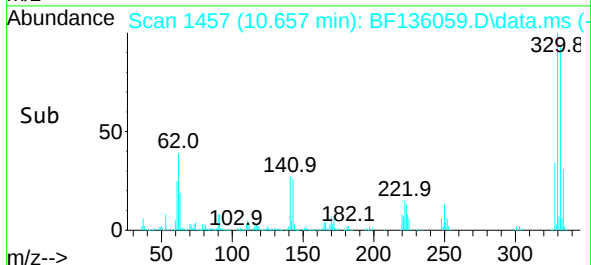
11/01/2023

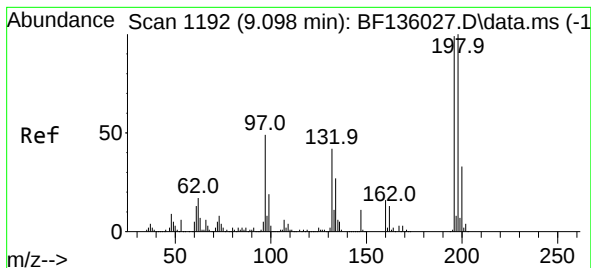


#42
2,4,6-Tribromophenol
Concen: 109.631 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08



Tgt Ion:330 Resp: 235150
Ion Ratio Lower Upper
330 100
332 95.3 76.9 115.3
141 29.5 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 50.682 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:196 Resp: 189384

Ion Ratio Lower Upper

196 100

198 101.2 80.7 121.1

200 32.5 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel

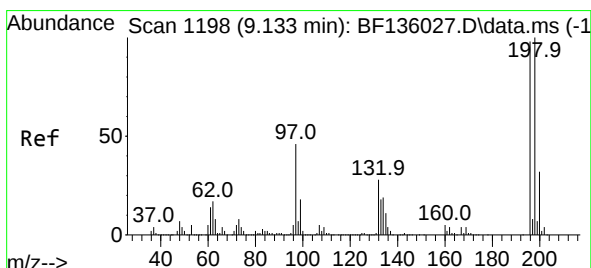
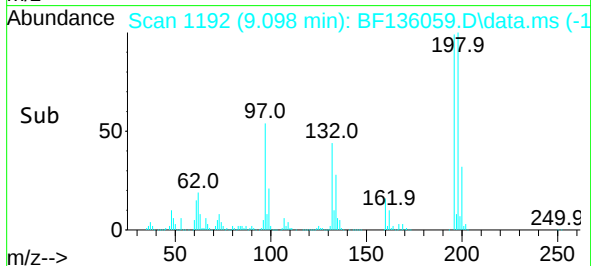
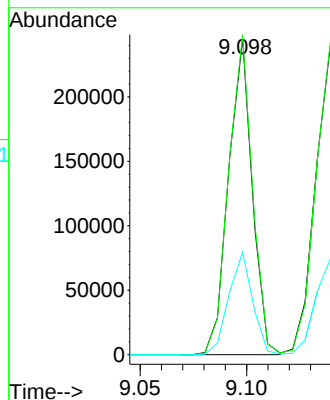
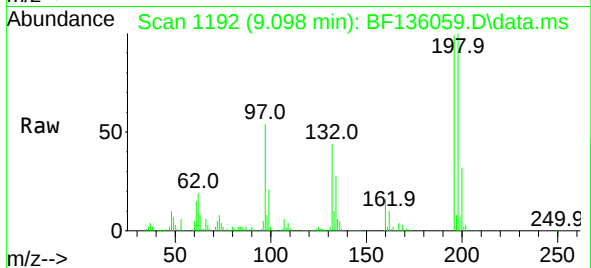
11/01/2023

Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

11/01/2023



#44

2,4,5-Trichlorophenol

Concen: 46.518 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Tgt Ion:196 Resp: 201355

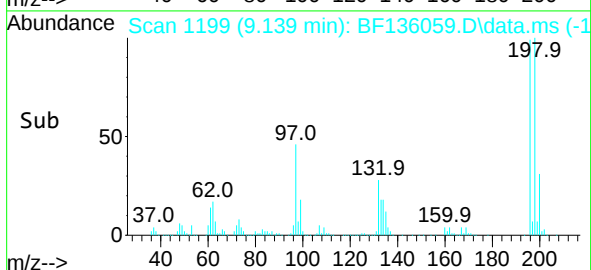
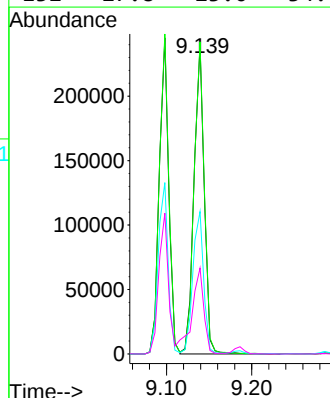
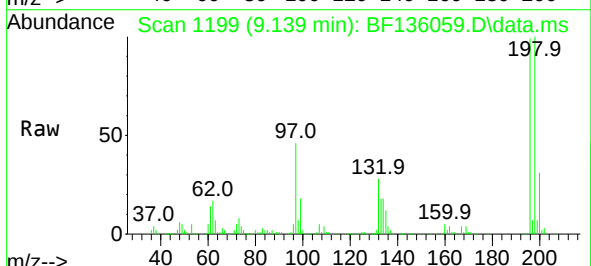
Ion Ratio Lower Upper

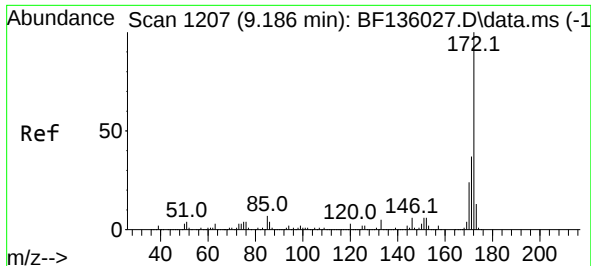
196 100

198 101.0 81.6 122.4

97 46.1 38.2 57.2

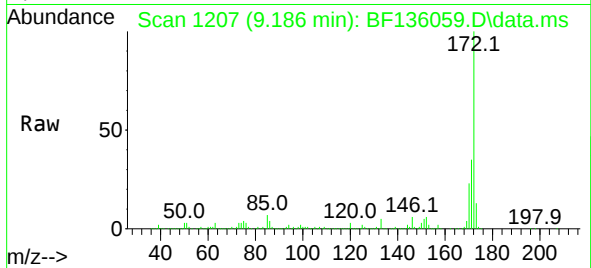
132 27.8 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 80.214 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:172 Resp: 101118
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 22.7 19.3 28.9

Manual Integrations
APPROVED

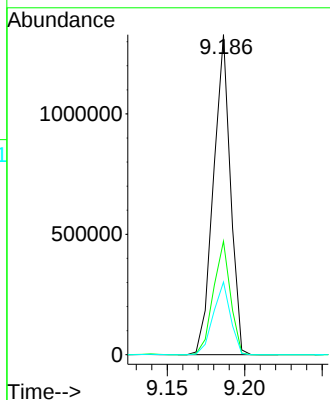
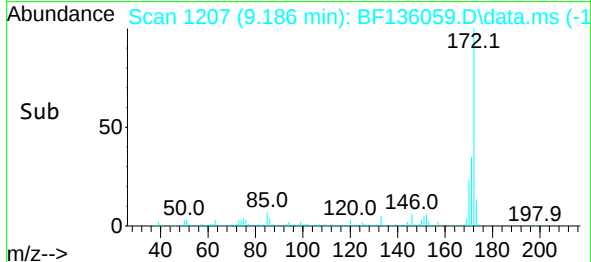
Reviewed By :Yogesh
Patel

11/01/2023

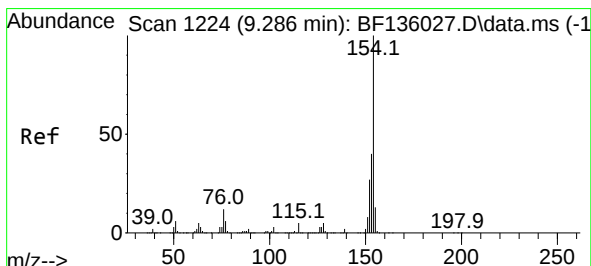
Supervised By :mohammad
ahmed

11/01/2023

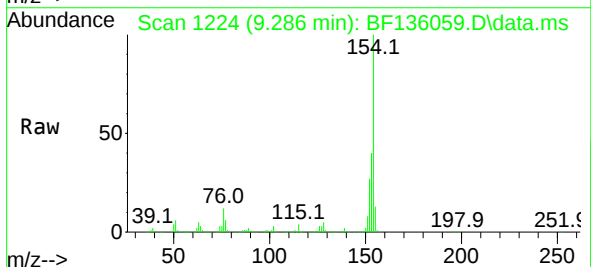
Supervised By :mohammad
ahmed



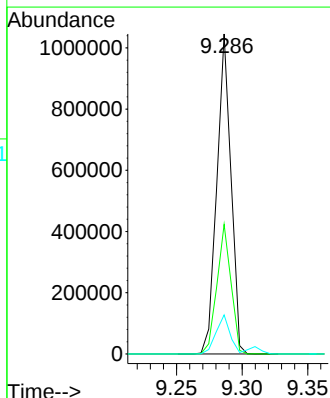
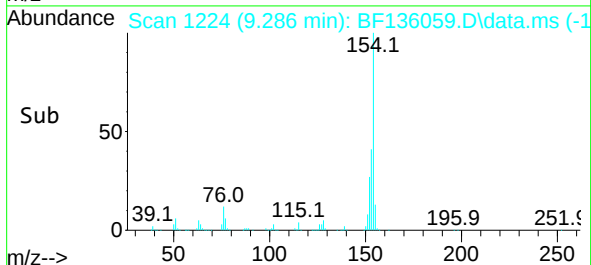
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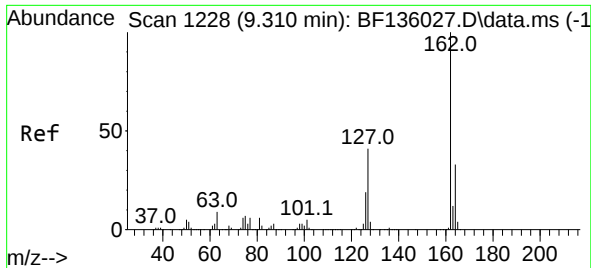


#46
1,1'-Biphenyl
Concen: 50.947 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08



Tgt Ion:154 Resp: 780452
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 12.2 0.0 32.5





#47
2-Chloronaphthalene
Concen: 51.577 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:162 Resp: 582470
Ion Ratio Lower Upper
162 100
127 40.4 32.4 48.6
164 32.2 26.7 40.1

Manual Integrations
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Reviewed By :Yogesh
Patel

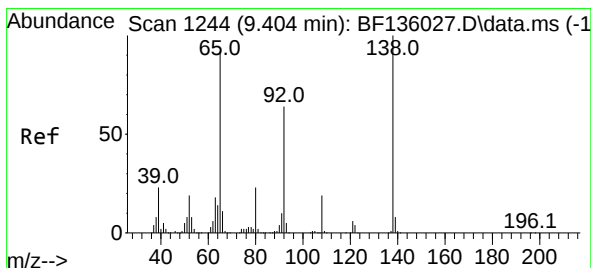
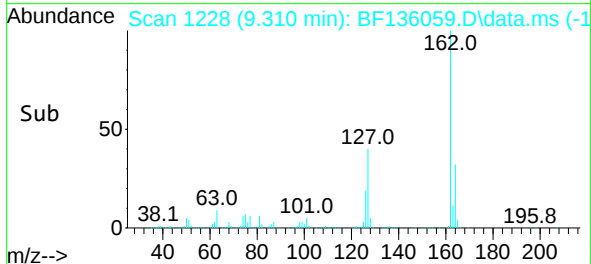
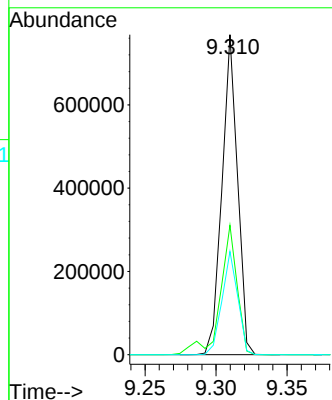
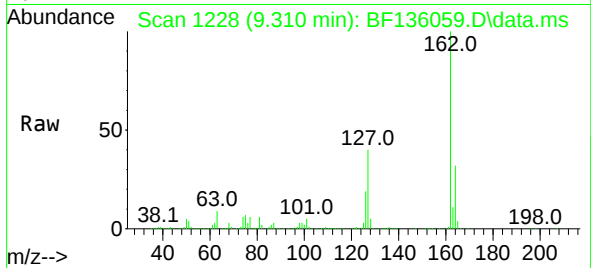
11/01/2023

Supervised By :mohammad
ahmed

11/01/2023

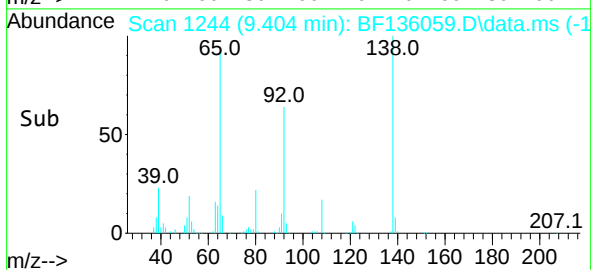
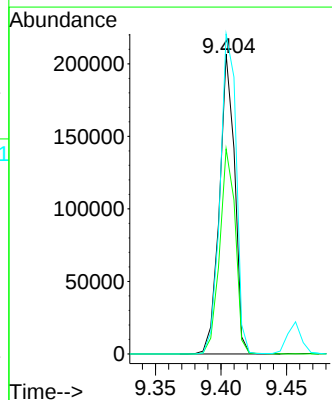
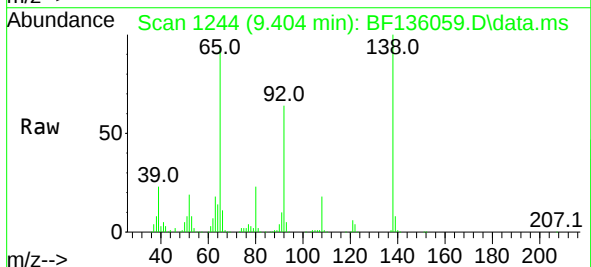
Supervised By :mohammad
ahmed

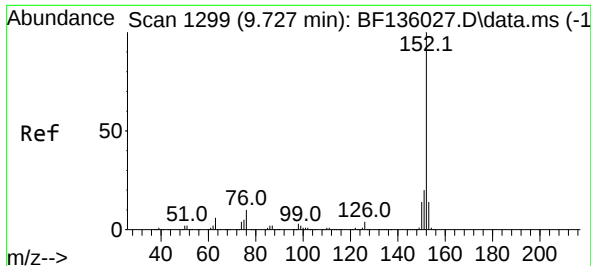
11/01/2023



#48
2-Nitroaniline
Concen: 49.848 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion: 65 Resp: 166601
Ion Ratio Lower Upper
65 100
92 68.4 55.7 83.5
138 106.7 86.8 130.2





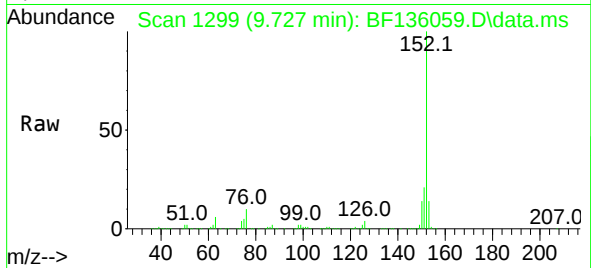
#49
Acenaphthylene
Concen: 50.193 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS



Tgt Ion:152 Resp: 884270
Ion Ratio Lower Upper
152 100
151 21.0 16.1 24.1
153 14.0 11.4 17.2

Manual Integrations
APPROVED

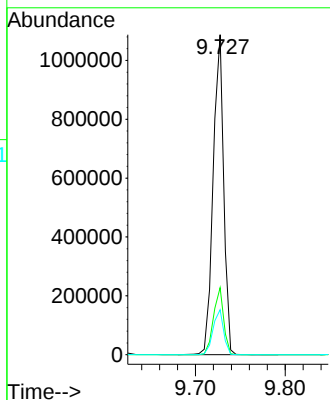
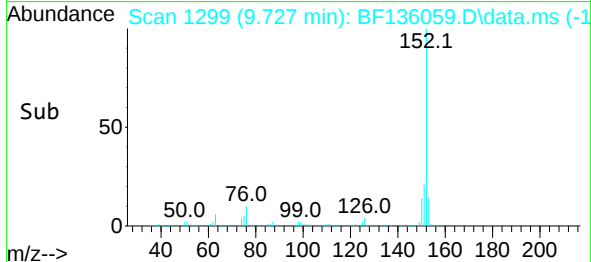
Reviewed By :Yogesh
Patel

11/01/2023

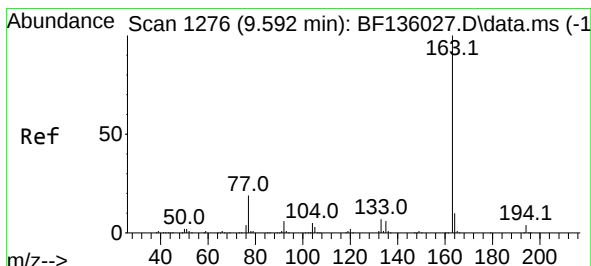
Supervised By :mohammad
ahmed

11/01/2023

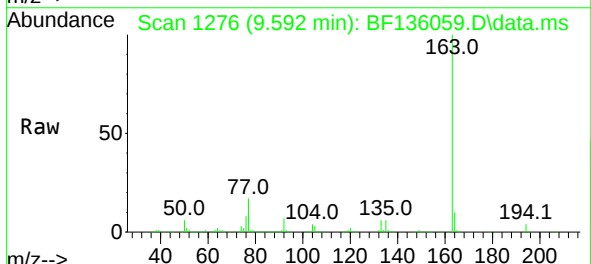
Supervised By :mohammad
ahmed



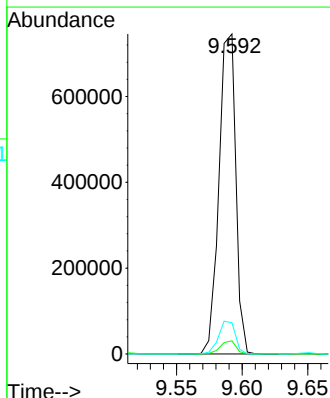
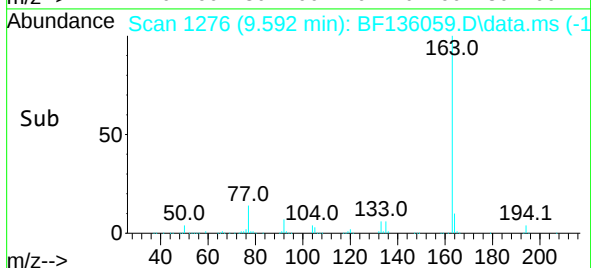
11/01/2023

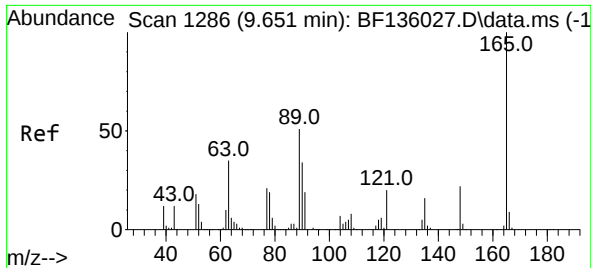


#50
Dimethylphthalate
Concen: 50.132 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08



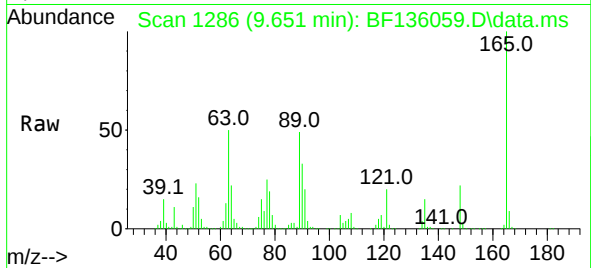
Tgt Ion:163 Resp: 664508
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.8 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.049 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:165 Resp: 139054
Ion Ratio Lower Upper
165 100
63 50.2 40.8 61.2
89 48.8 41.1 61.7

Manual Integrations
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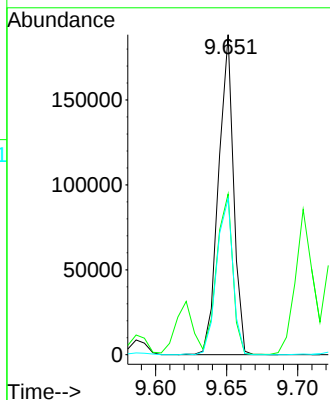
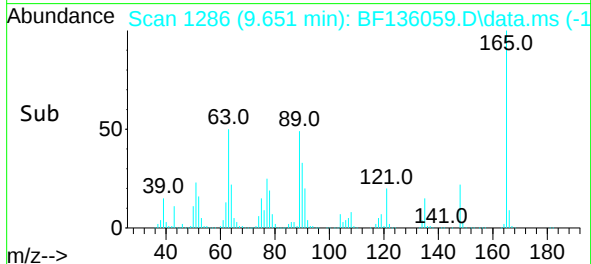
Reviewed By :Yogesh
Patel

11/01/2023

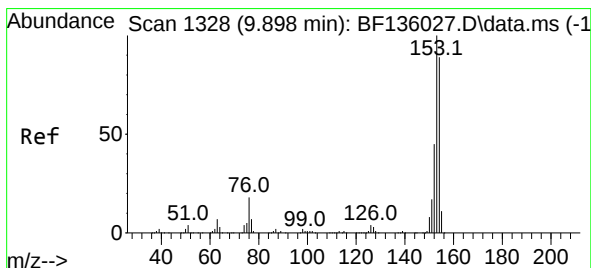
Supervised By :mohammad
ahmed

11/01/2023

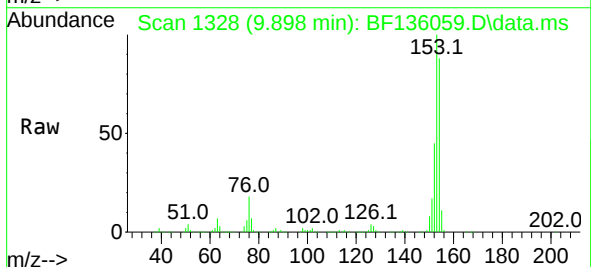
Supervised By :mohammad
ahmed



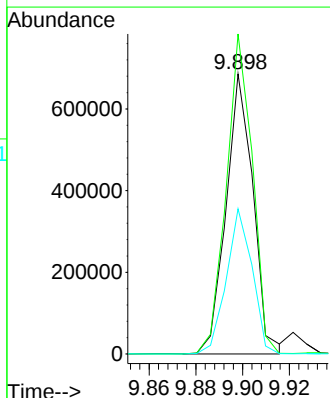
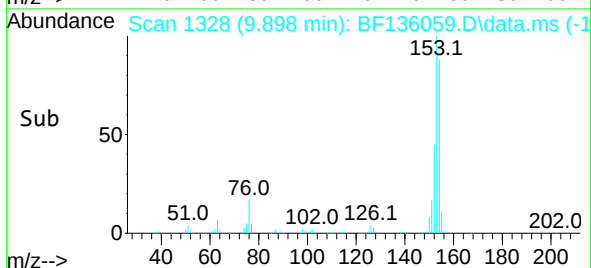
11/01/2023

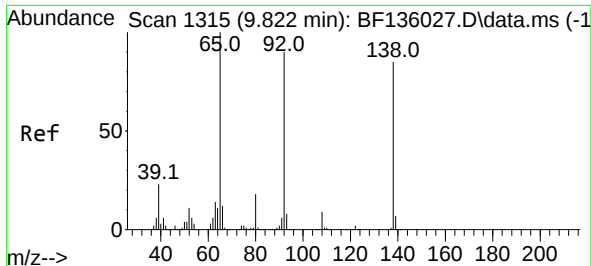


#52
Acenaphthene
Concen: 48.964 ng m
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08



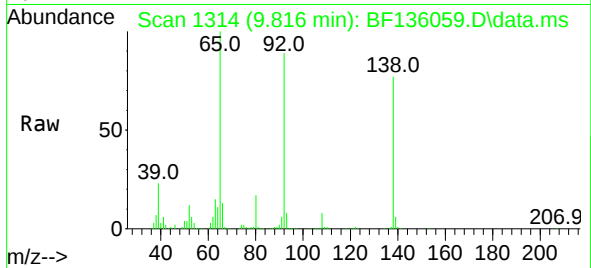
Tgt Ion:154 Resp: 548383
Ion Ratio Lower Upper
154 100
153 114.3 89.9 134.9
152 51.8 40.2 60.2





#53
3-Nitroaniline
Concen: 40.253 ng
RT: 9.816 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:138 Resp: 13315
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 115.0 84.6 126.8

Manual Integrations
APPROVED

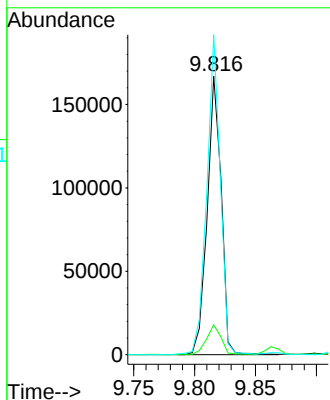
Reviewed By :Yogesh
Patel

11/01/2023

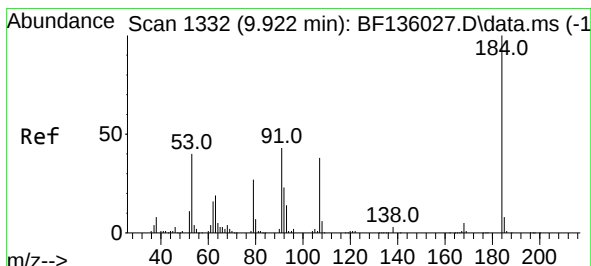
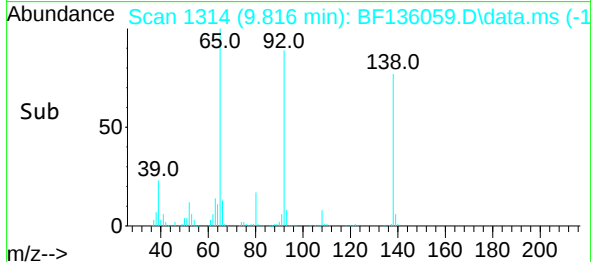
Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

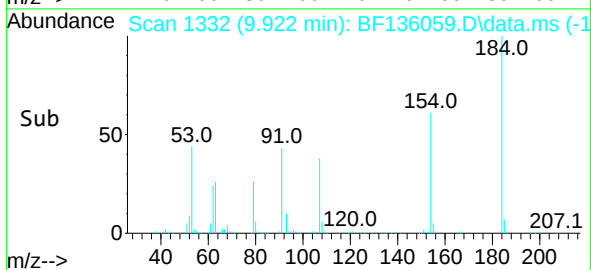
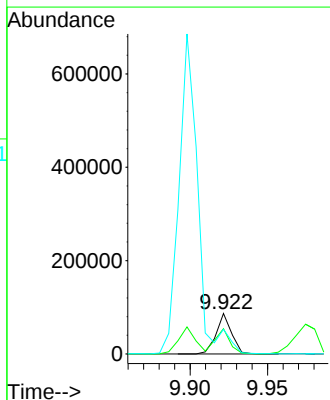
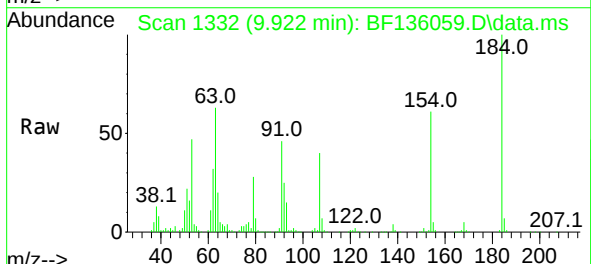


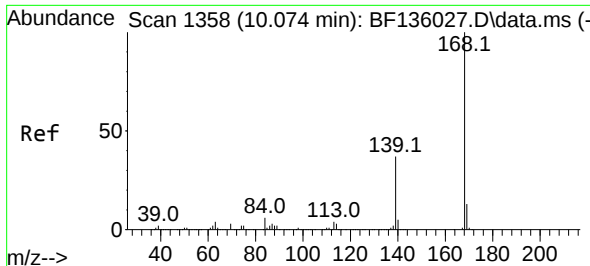
11/01/2023



#54
2,4-Dinitrophenol
Concen: 43.048 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

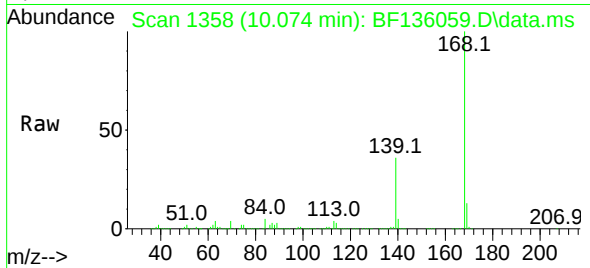
Tgt Ion:184 Resp: 59854
Ion Ratio Lower Upper
184 100
63 62.5 43.7 65.5
154 60.9 51.2 76.8





#55
Dibenzofuran
Concen: 47.815 ng
RT: 10.074 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:168 Resp: 780860
Ion Ratio Lower Upper
168 100
139 36.2 29.4 44.0
169 13.4 10.5 15.7

Manual Integrations
APPROVED

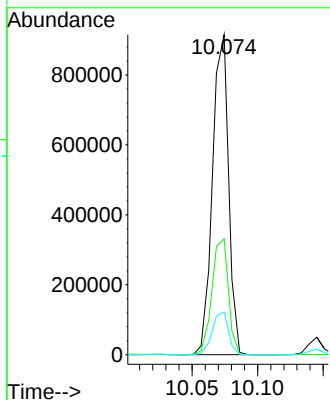
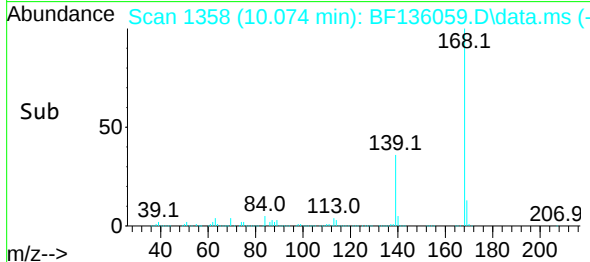
Reviewed By :Yogesh
Patel

11/01/2023

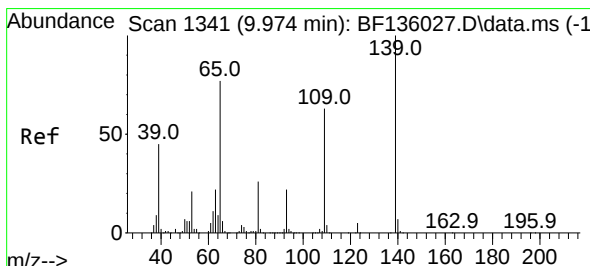
Supervised By :mohammad
ahmed

11/01/2023

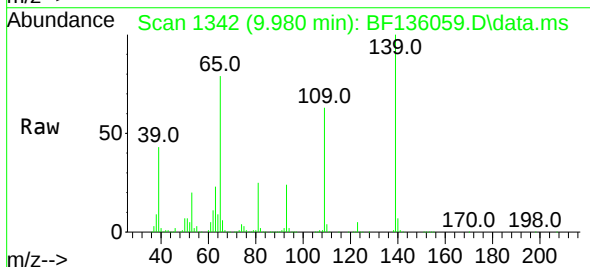
Supervised By :mohammad
ahmed



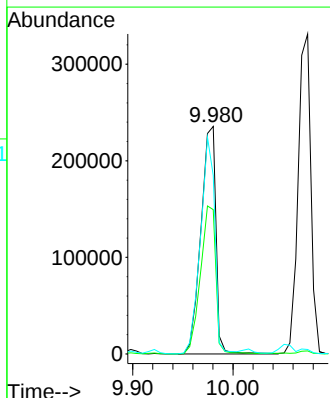
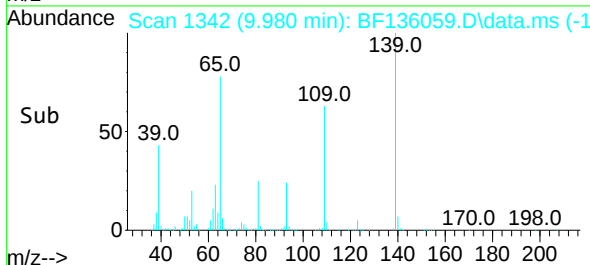
11/01/2023

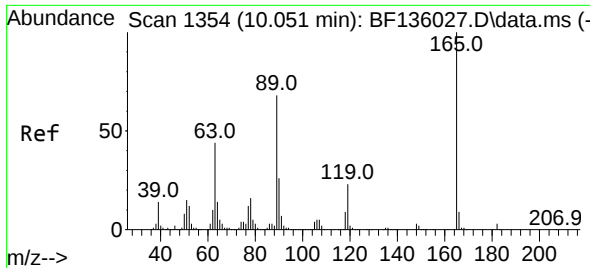


#56
4-Nitrophenol
Concen: 99.718 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08



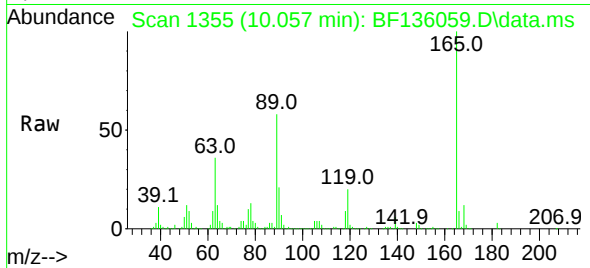
Tgt Ion:139 Resp: 246741
Ion Ratio Lower Upper
139 100
109 63.5 43.2 83.2
65 78.5 57.6 97.6





#57
2,4-Dinitrotoluene
Concen: 48.752 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:165 Resp: 174872
Ion Ratio Lower Upper
165 100
63 35.6 35.2 52.8
89 57.6 54.8 82.2
182 2.9 2.2 3.2

Manual Integrations
APPROVED

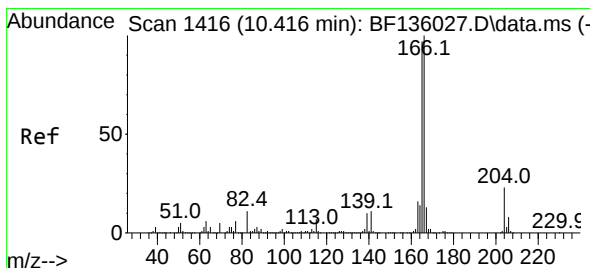
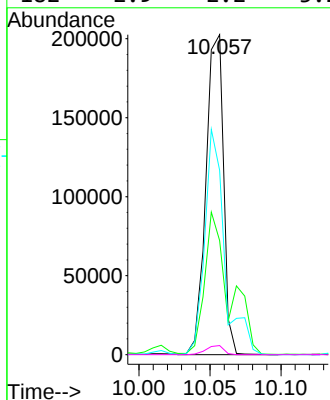
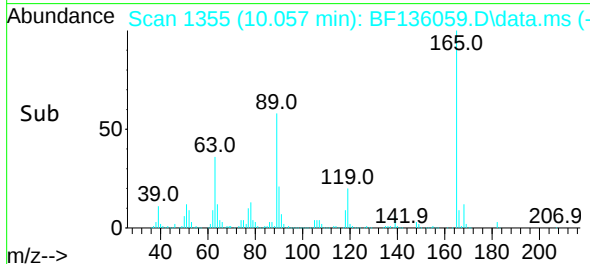
Reviewed By :Yogesh
Patel

11/01/2023

Supervised By :mohammad
ahmed

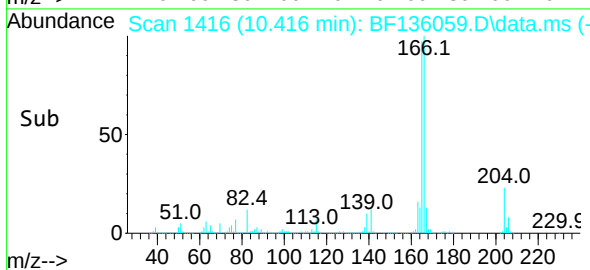
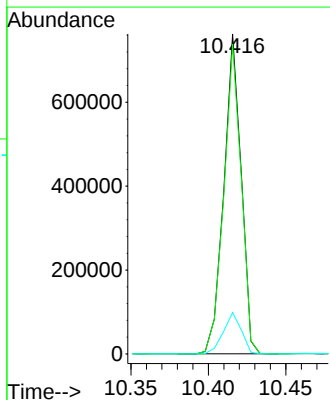
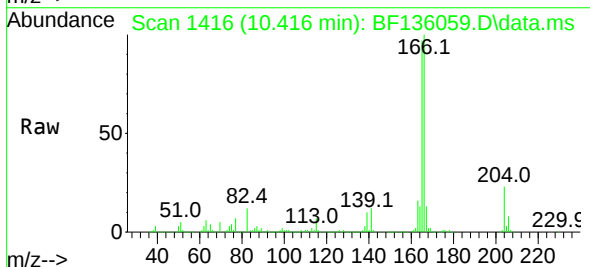
11/01/2023

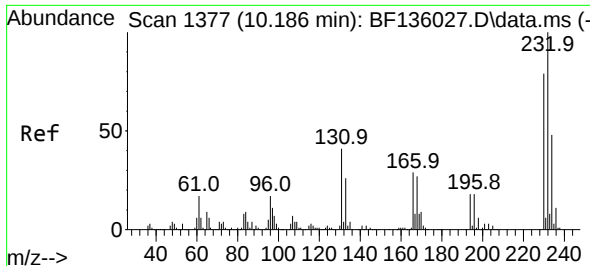
Supervised By :mohammad
ahmed



#58
Fluorene
Concen: 48.317 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

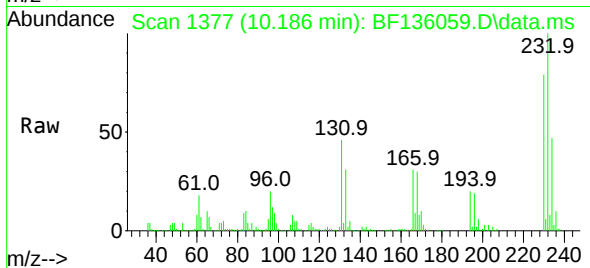
Tgt Ion:166 Resp: 590777
Ion Ratio Lower Upper
166 100
165 96.8 77.7 116.5
167 13.0 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.925 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:232 Resp: 15804
Ion Ratio Lower Upper
232 100
131 43.3 34.6 52.0
130 2.1 1.6 2.4
166 29.8 23.6 35.4

Manual Integrations
APPROVED

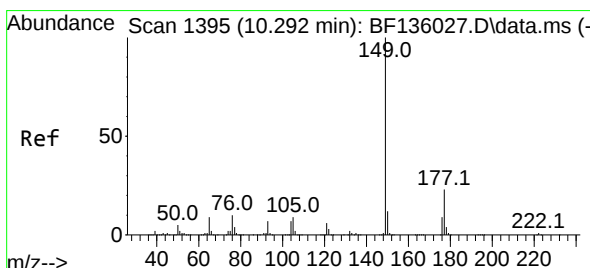
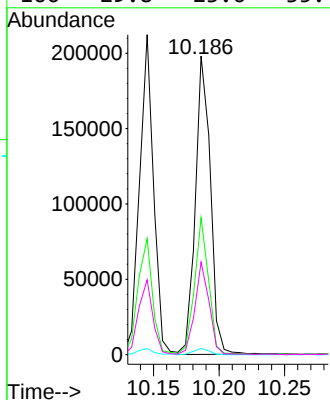
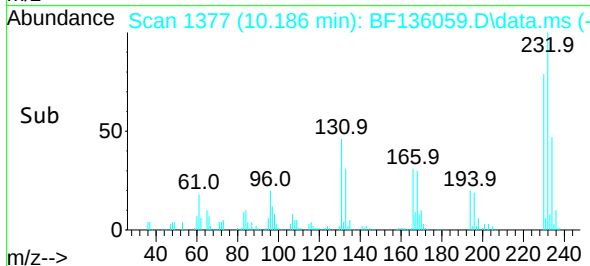
Reviewed By :Yogesh
Patel

11/01/2023

Supervised By :mohammad
ahmed

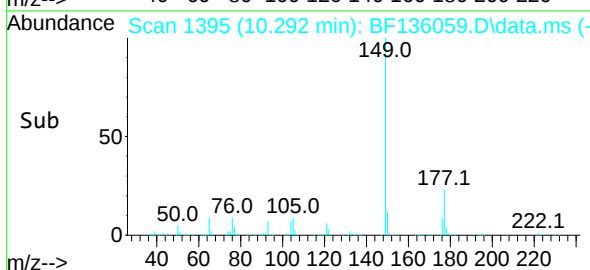
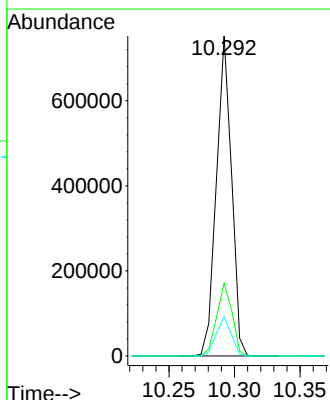
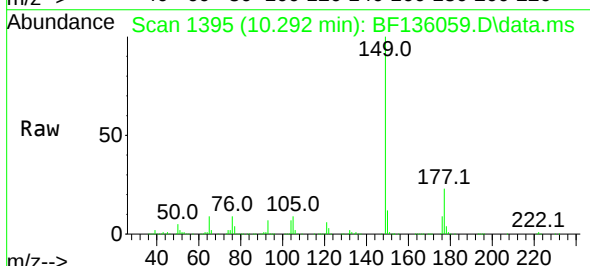
11/01/2023

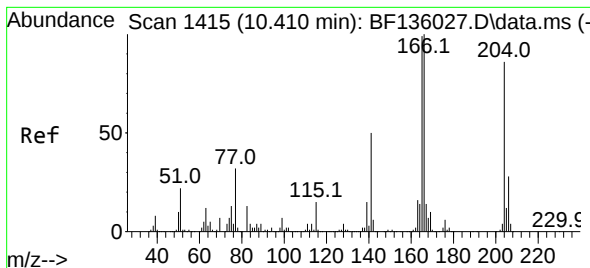
Supervised By :mohammad
ahmed



#60
Diethylphthalate
Concen: 47.509 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

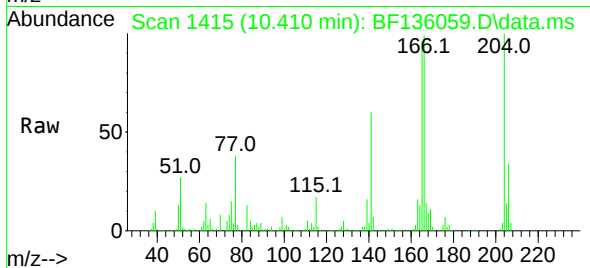
Tgt Ion:149 Resp: 601703
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.740 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:204 Resp: 279170
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 60.4 46.8 70.2

Manual Integrations
APPROVED

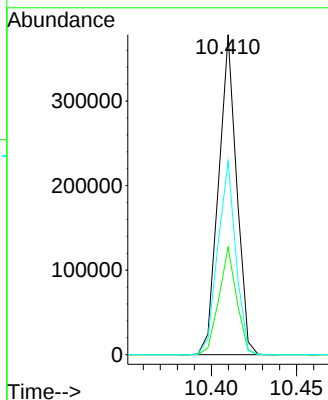
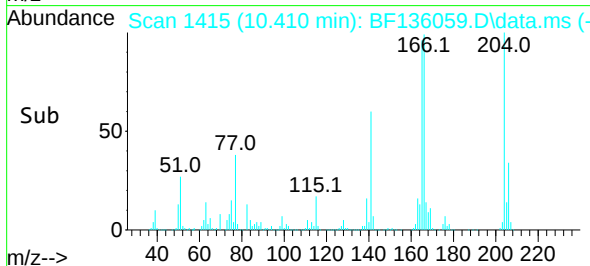
Reviewed By :Yogesh
Patel

11/01/2023

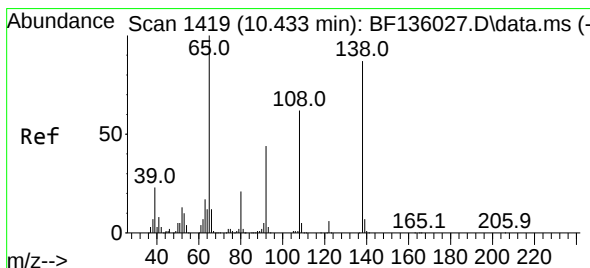
Supervised By :mohammad
ahmed

11/01/2023

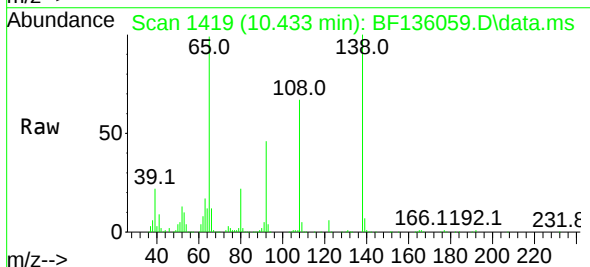
Supervised By :mohammad
ahmed



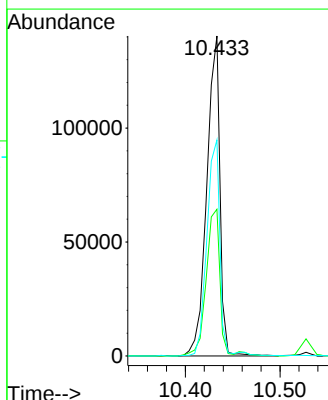
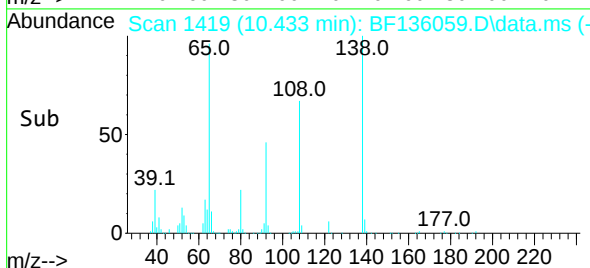
11/01/2023

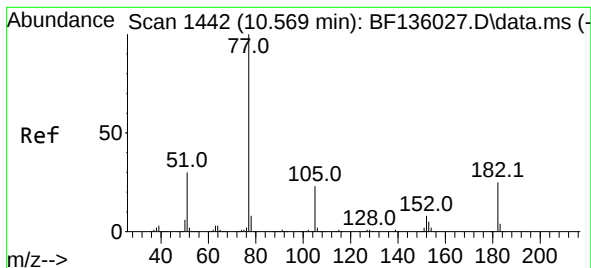


#62
4-Nitroaniline
Concen: 42.489 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08



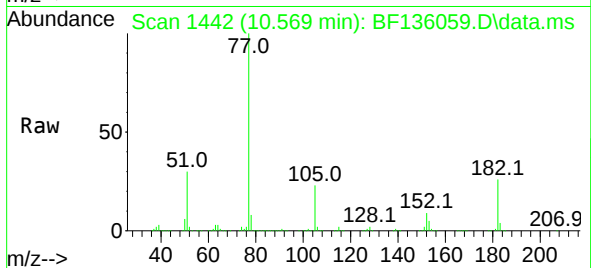
Tgt Ion:138 Resp: 135340
Ion Ratio Lower Upper
138 100
92 45.8 30.6 70.6
108 67.5 51.5 91.5





#63
Azobenzene
Concen: 45.139 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion: 77 Resp: 55056
Ion Ratio Lower Upper
77 100
182 26.2 5.0 45.0
105 23.1 2.6 42.6
51 29.8 9.9 49.9

Manual Integrations
APPROVED

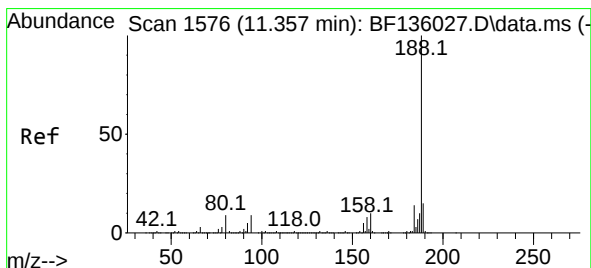
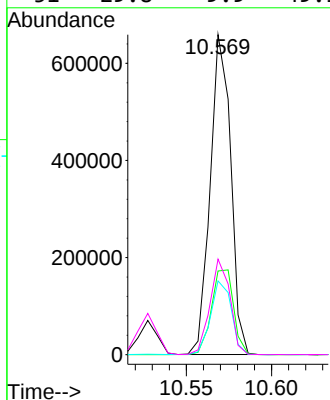
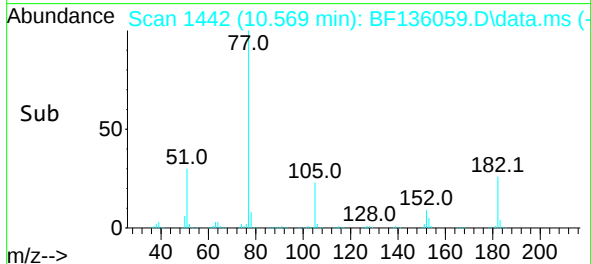
Reviewed By :Yogesh
Patel

11/01/2023

Supervised By :mohammad
ahmed

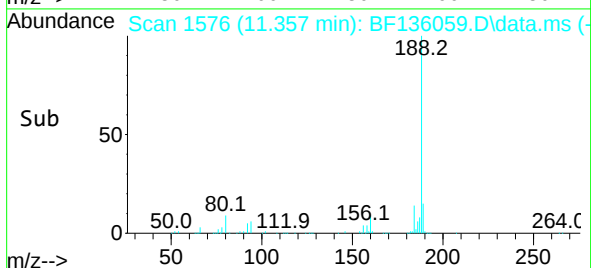
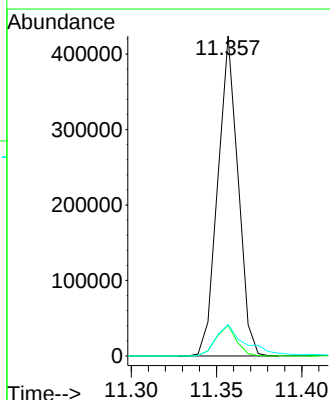
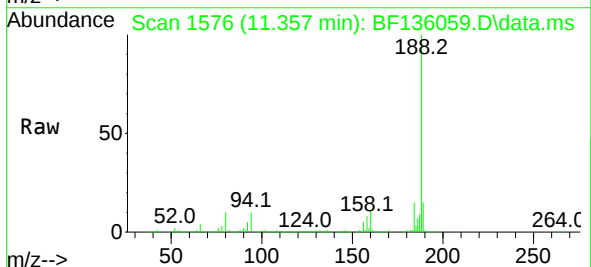
11/01/2023

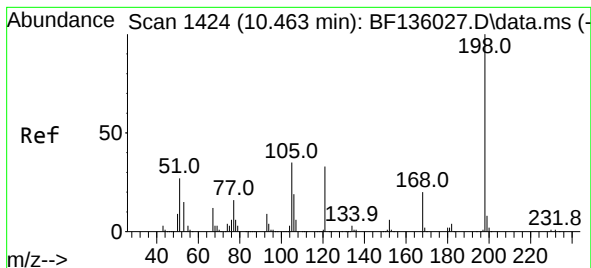
Supervised By :mohammad
ahmed



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

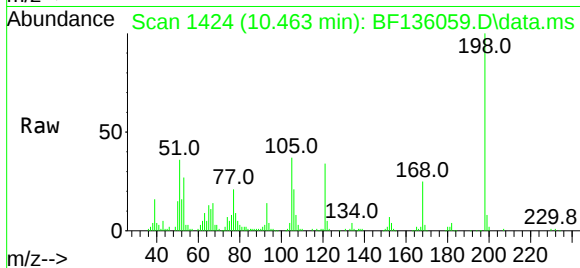
Tgt Ion:188 Resp: 350321
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 9.8 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 25.519 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:198 Resp: 43184
Ion Ratio Lower Upper
198 100
51 36.4 12.9 52.9
105 37.4 16.0 56.0

Manual Integrations
APPROVED

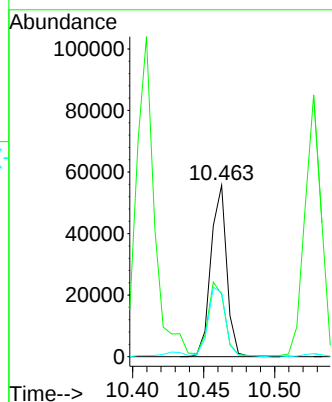
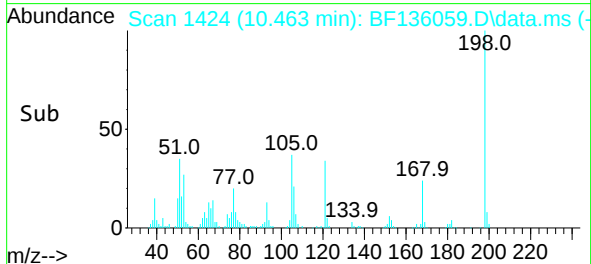
Reviewed By :Yogesh
Patel

11/01/2023

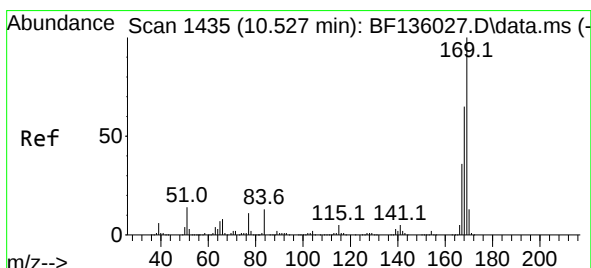
Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

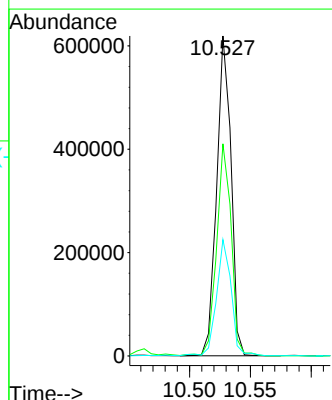
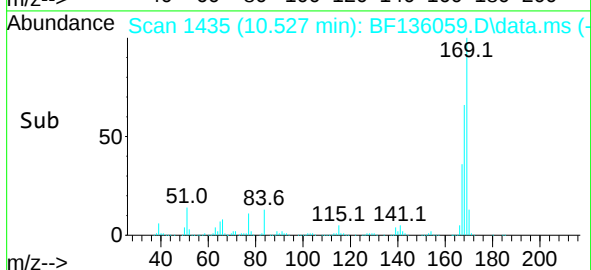
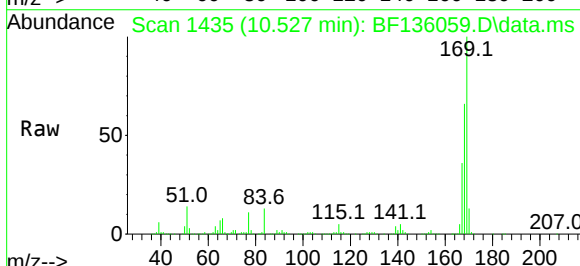


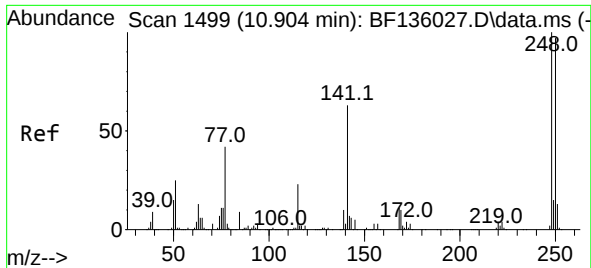
11/01/2023



#66
n-Nitrosodiphenylamine
Concen: 48.089 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

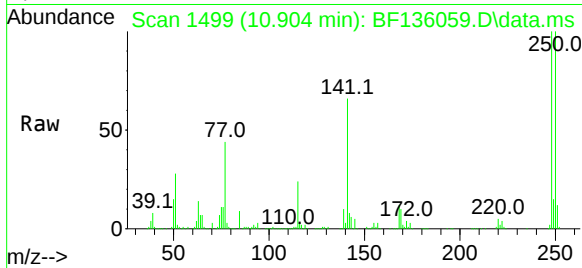
Tgt Ion:169 Resp: 508198
Ion Ratio Lower Upper
169 100
168 66.3 52.2 78.2
167 36.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 47.706 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:248 Resp: 175210
Ion Ratio Lower Upper
248 100
250 100.0 77.6 116.4
141 65.7 50.4 75.6

Manual Integrations
APPROVED

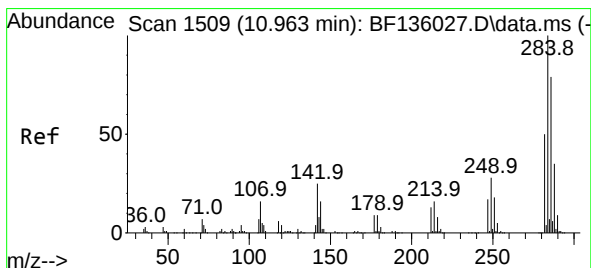
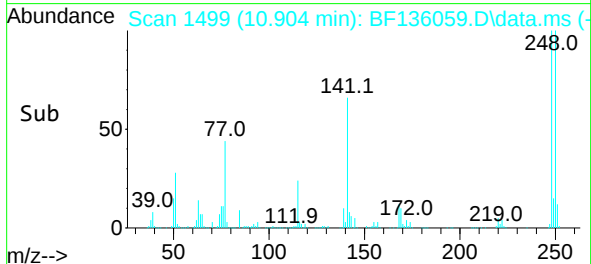
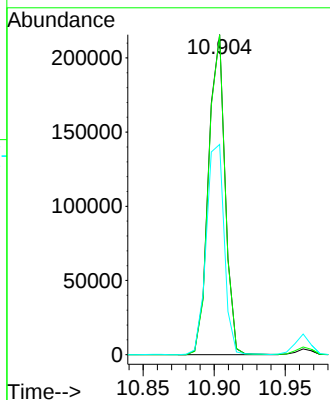
Reviewed By :Yogesh
Patel

11/01/2023

Supervised By :mohammad
ahmed

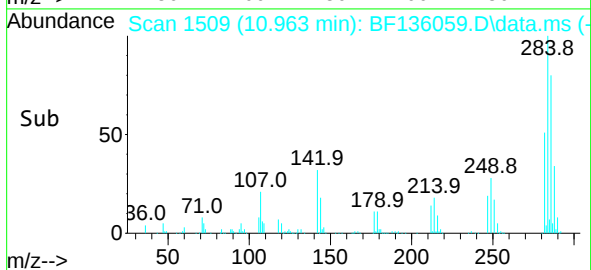
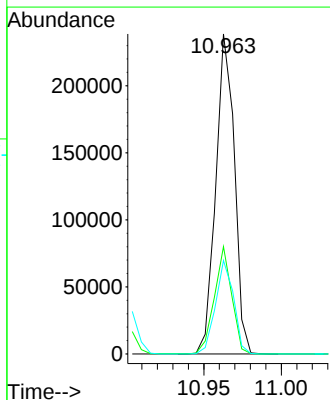
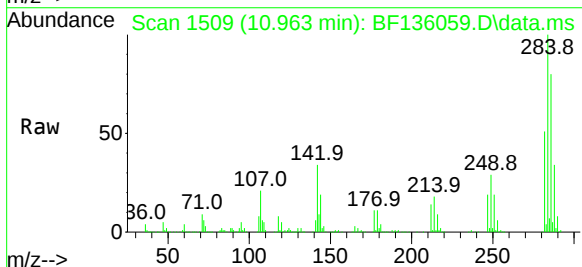
11/01/2023

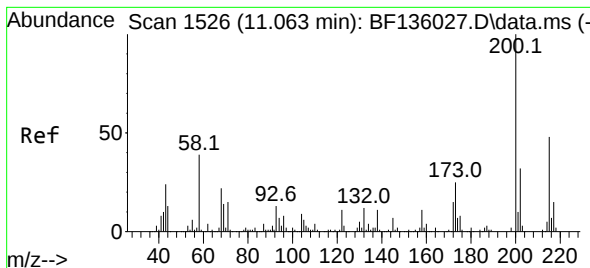
Supervised By :mohammad
ahmed



#68
Hexachlorobenzene
Concen: 50.821 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:284 Resp: 199354
Ion Ratio Lower Upper
284 100
142 33.6 20.2 30.4#
249 29.2 22.6 33.8





#69

Atrazine

Concen: 59.743 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:200 Resp: 171780

Ion Ratio Lower Upper

200 100

173 26.2 5.2 45.2

215 47.0 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel

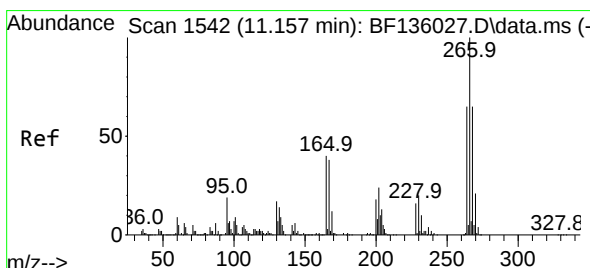
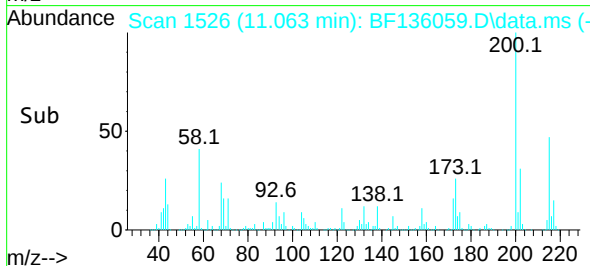
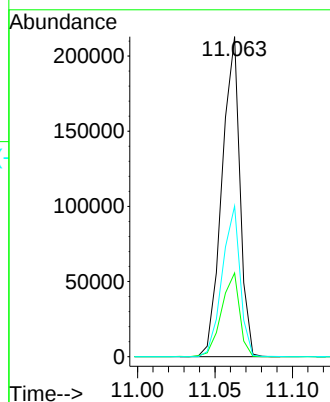
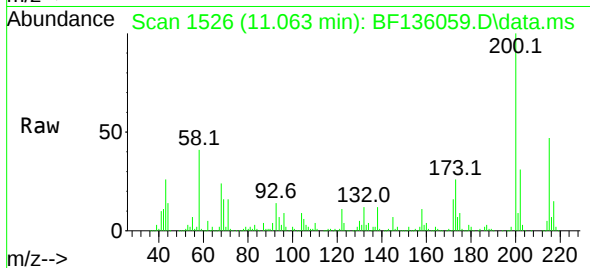
11/01/2023

Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

11/01/2023



#70

Pentachlorophenol

Concen: 93.826 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

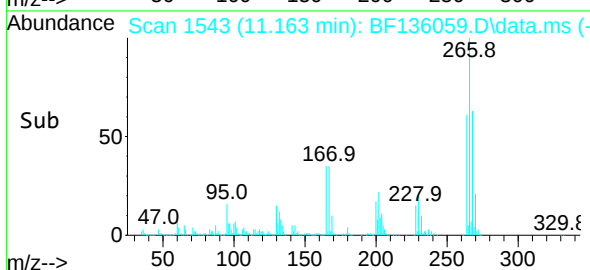
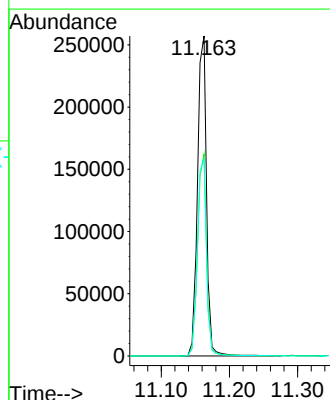
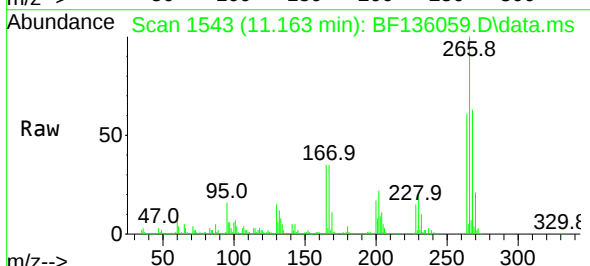
Tgt Ion:266 Resp: 236369

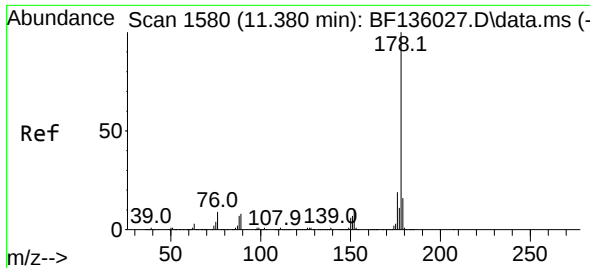
Ion Ratio Lower Upper

266 100

268 63.1 52.2 78.4

264 61.3 52.2 78.4





#71
Phenanthrene
Concen: 67.262 ng
RT: 11.386 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:178 Resp: 1186429
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.1 12.9 19.3

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

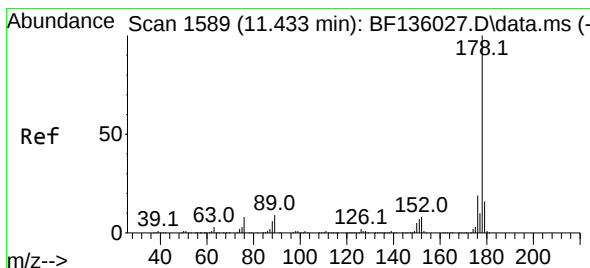
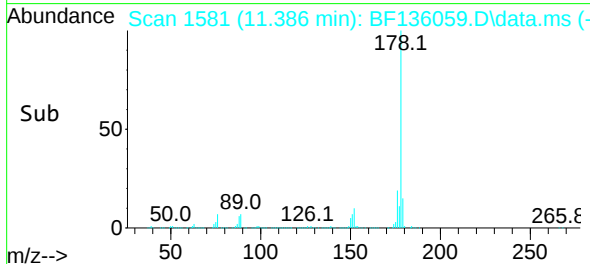
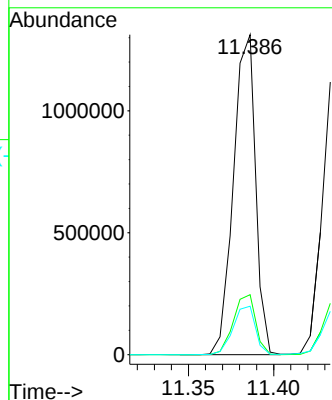
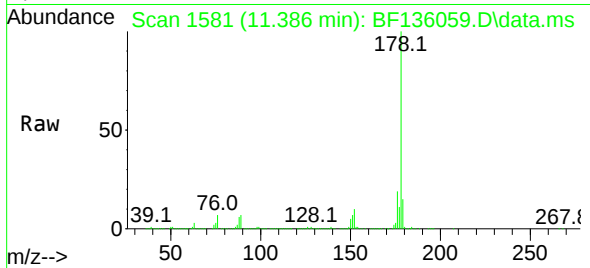
11/01/2023

Supervised By :mohammad
ahmed

11/01/2023

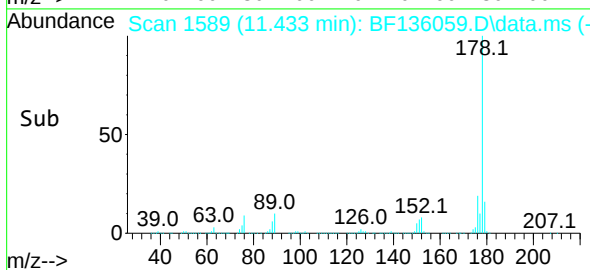
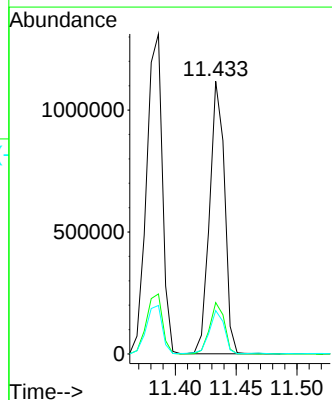
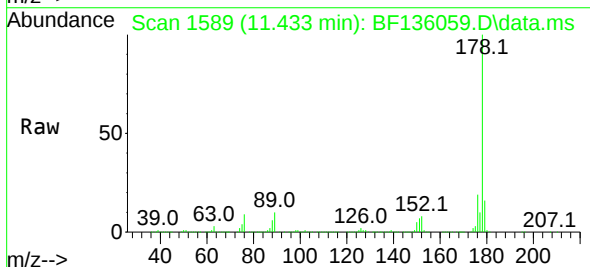
Supervised By :mohammad
ahmed

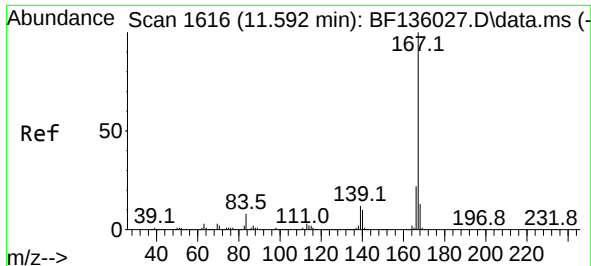
11/01/2023



#72
Anthracene
Concen: 52.753 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

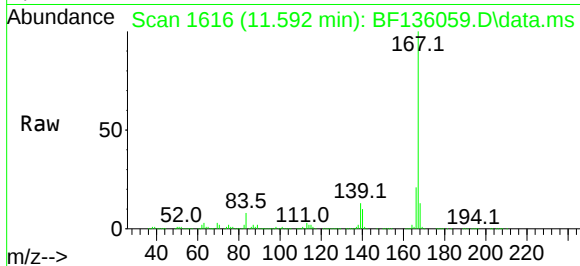
Tgt Ion:178 Resp: 953472
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.9 12.6 18.8





#73
 Carbazole
 Concen: 53.347 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF136059.D
 Acq: 31 Oct 2023 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS



Tgt Ion:167 Resp: 837894
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.9 9.9 14.9

Manual Integrations
 APPROVED

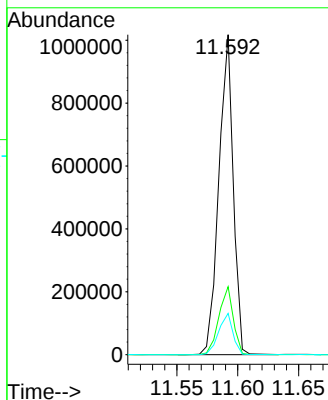
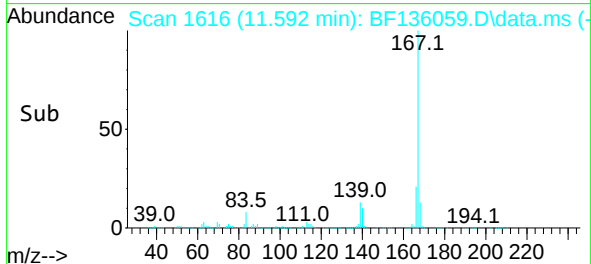
Reviewed By :Yogesh
 Patel

11/01/2023

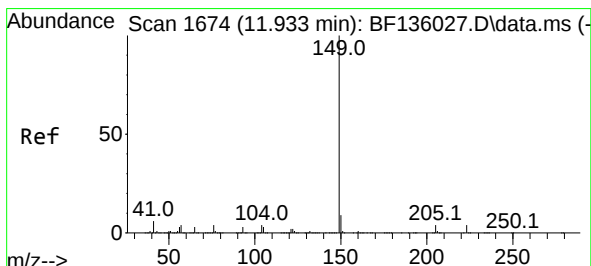
Supervised By :mohammad
 ahmed

11/01/2023

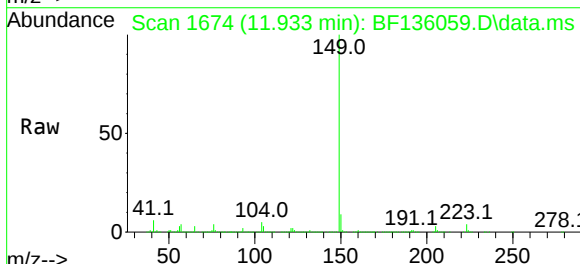
Supervised By :mohammad
 ahmed



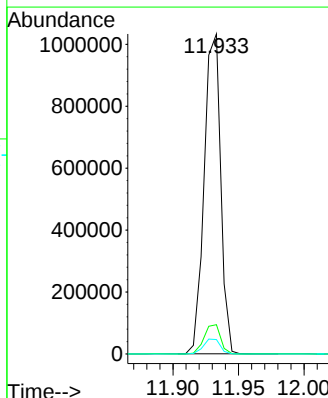
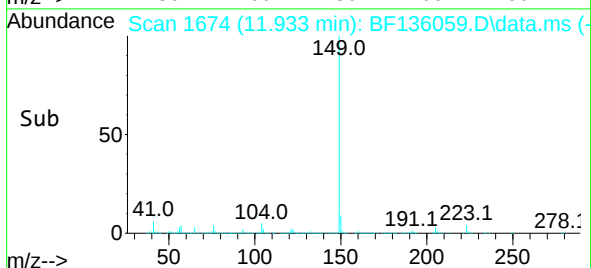
11/01/2023

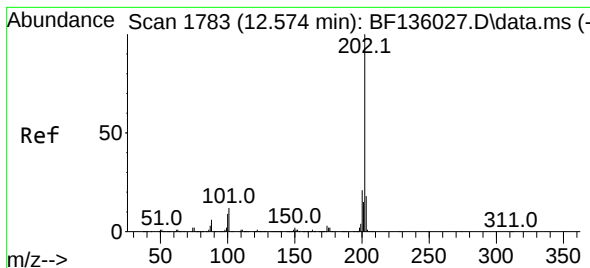


#74
 Di-n-butylphthalate
 Concen: 50.661 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF136059.D
 Acq: 31 Oct 2023 19:08



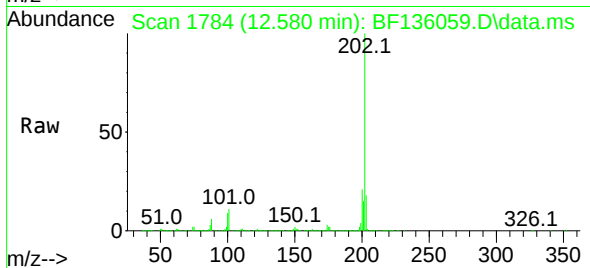
Tgt Ion:149 Resp: 909213
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 79.399 ng
RT: 12.580 min Scan# 1783
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:202 Resp: 1438744
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.8
203 17.8 0.0 37.9

Manual Integrations
APPROVED

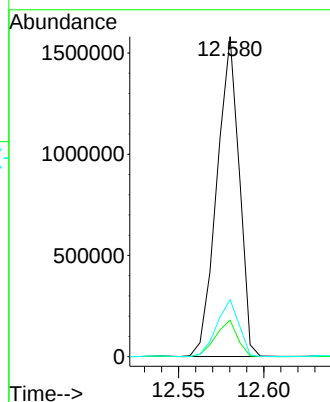
Reviewed By :Yogesh
Patel

11/01/2023

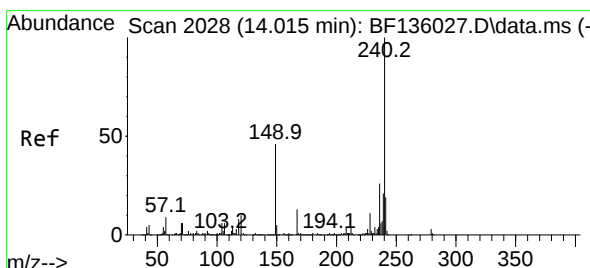
Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

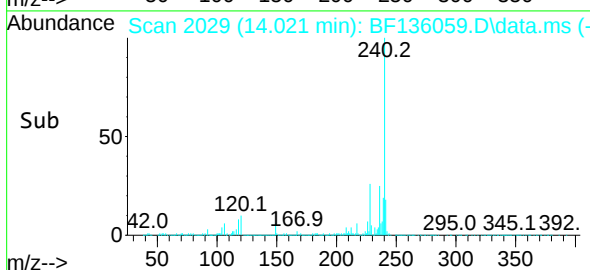
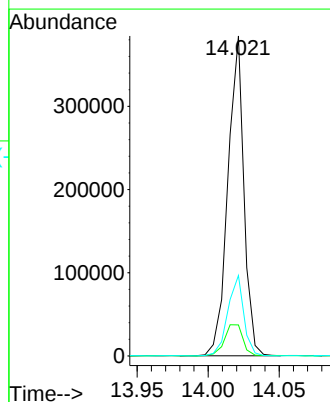
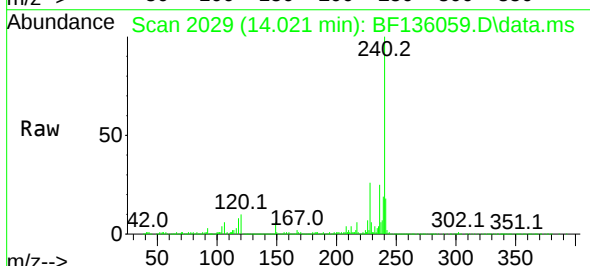


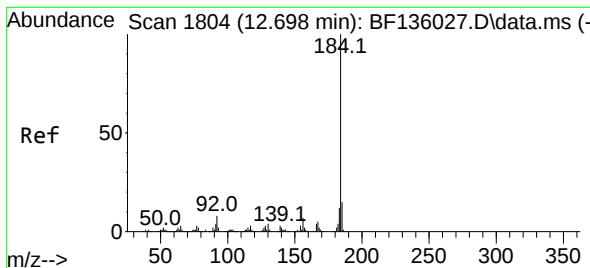
11/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:240 Resp: 301294
Ion Ratio Lower Upper
240 100
120 9.7 7.6 11.4
236 25.1 20.6 31.0





#77

Benzidine

Concen: 68.981 ng

RT: 12.704 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:184 Resp: 40509

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

183 11.4 9.5 14.3

Manual Integrations

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Reviewed By :Yogesh

Patel

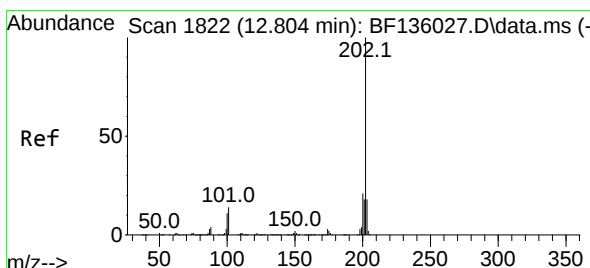
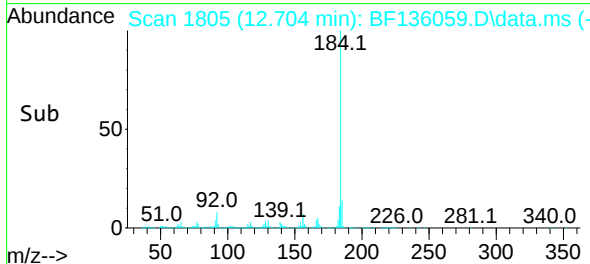
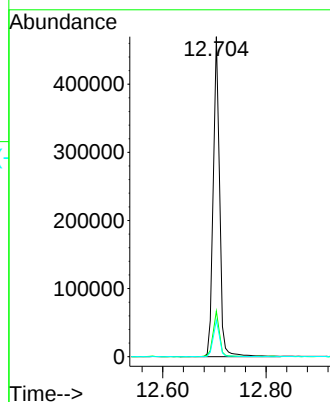
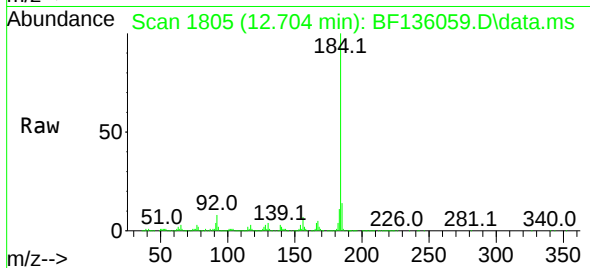
11/01/2023

Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

11/01/2023



#78

Pyrene

Concen: 53.360 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

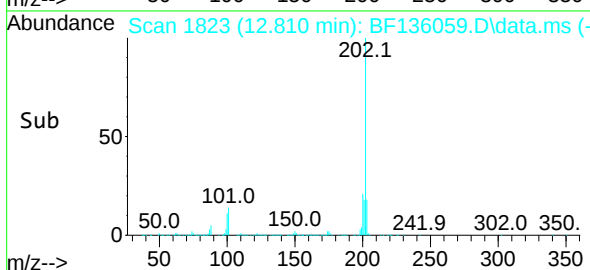
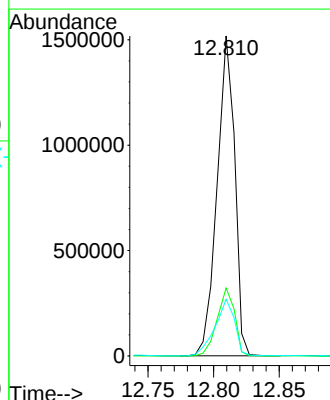
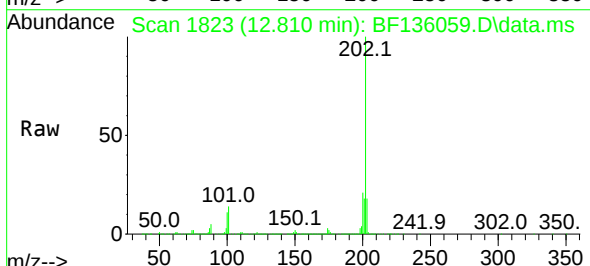
Tgt Ion:202 Resp: 1417423

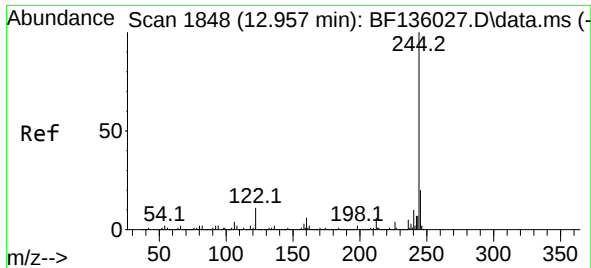
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

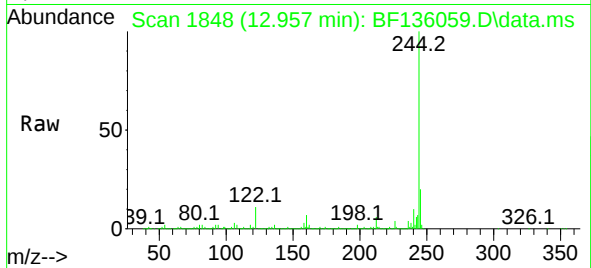
203 17.7 14.4 21.6





#79
Terphenyl-d14
Concen: 58.168 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:244 Resp: 112776
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 10.6 8.6 12.8

Manual Integrations
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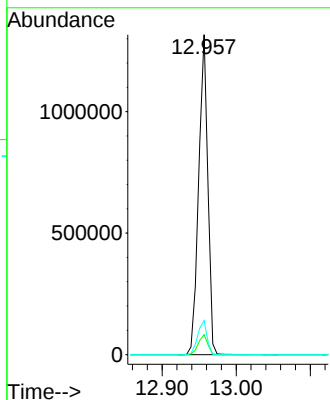
Reviewed By :Yogesh
Patel

11/01/2023

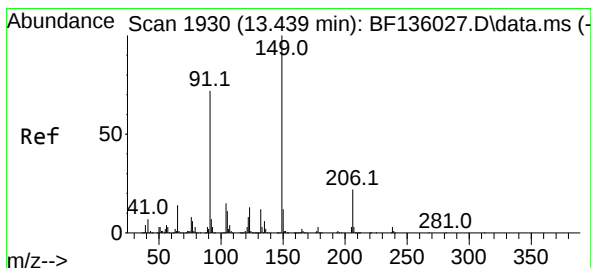
Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

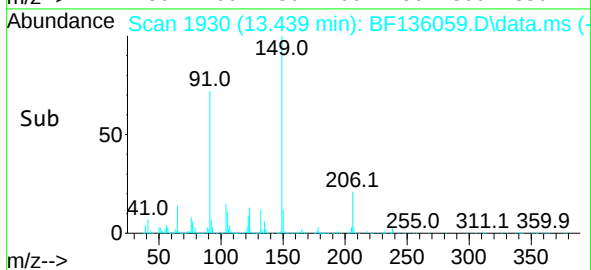
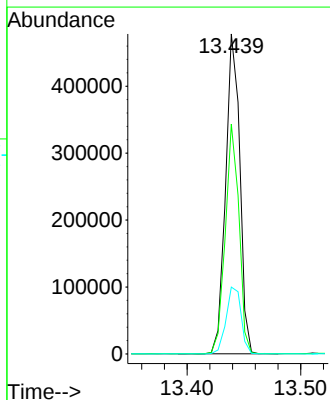
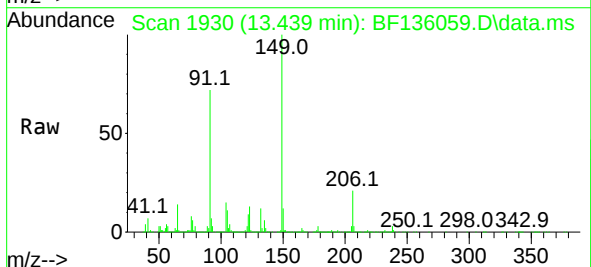


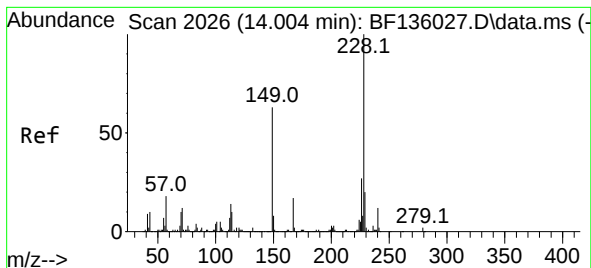
11/01/2023



#80
Butylbenzylphthalate
Concen: 43.705 ng
RT: 13.439 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:149 Resp: 415566
Ion Ratio Lower Upper
149 100
91 71.9 57.6 86.4
206 20.9 17.4 26.0





#81

Benzo(a)anthracene

Concen: 57.368 ng

RT: 14.009 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:228 Resp: 114428

Ion Ratio Lower Upper

228 100

226 27.2 21.5 32.3

229 19.9 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh

Patel

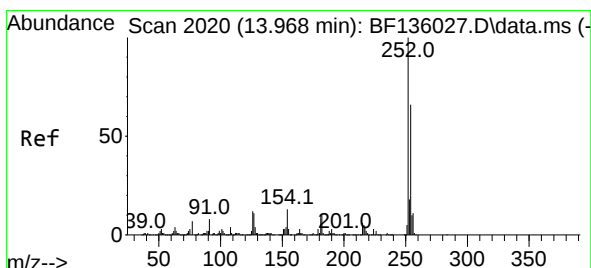
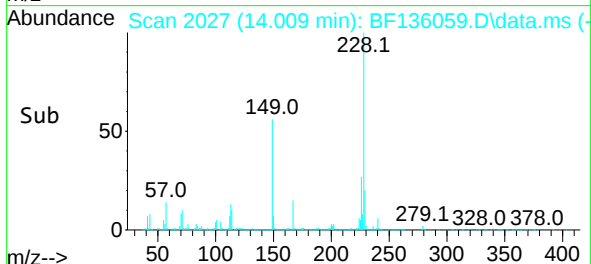
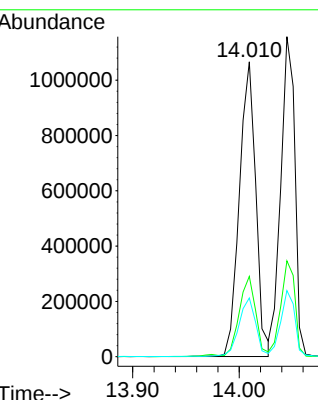
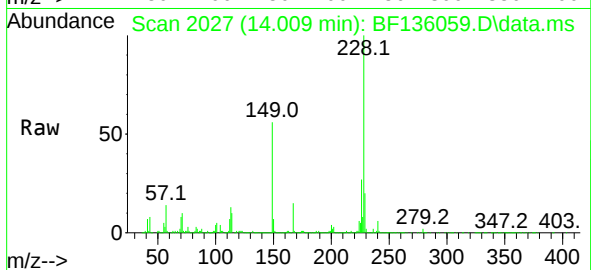
11/01/2023

Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

11/01/2023



#82

3,3'-Dichlorobenzidine

Concen: 55.662 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

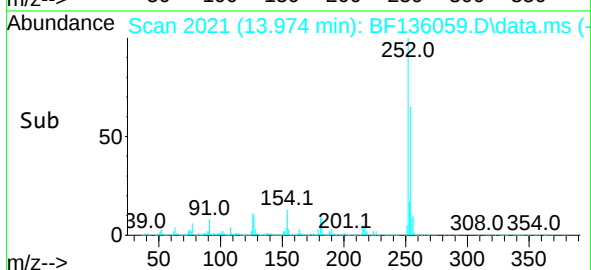
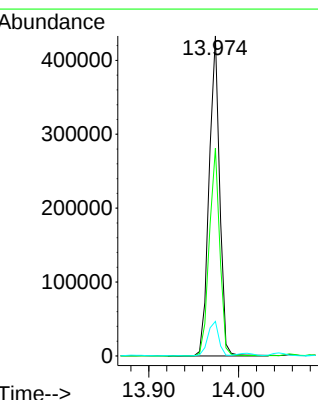
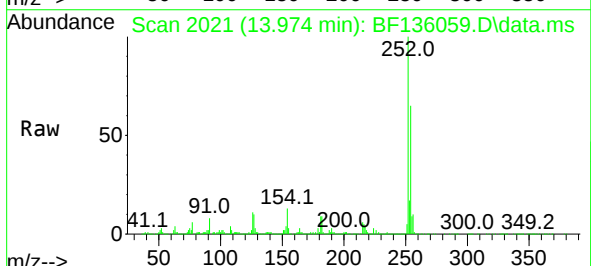
Tgt Ion:252 Resp: 354361

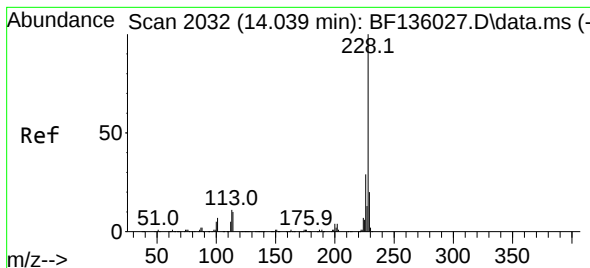
Ion Ratio Lower Upper

252 100

254 64.9 52.5 78.7

126 10.8 9.4 14.2





#83

Chrysene

Concen: 54.448 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:228 Resp: 106955

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.5	35.3
229	20.7	16.0	24.0

Manual Integrations
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Patel

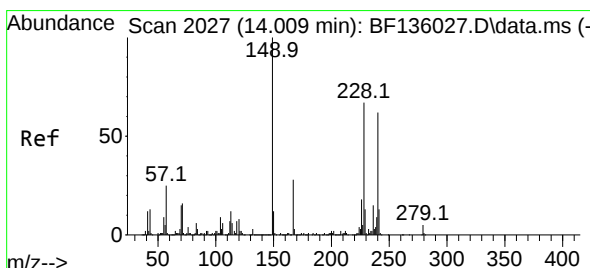
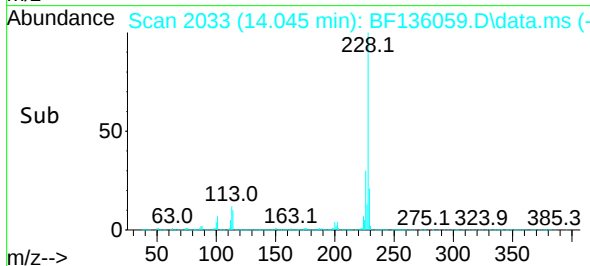
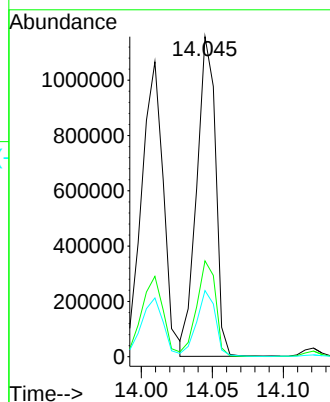
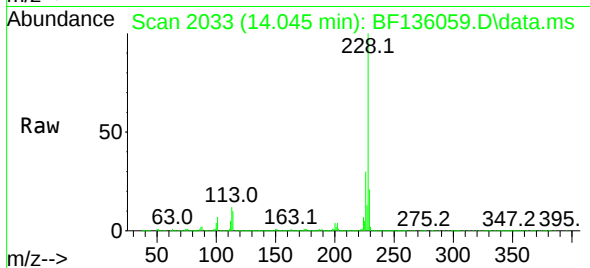
11/01/2023

Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

11/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.742 ng

RT: 14.009 min Scan# 2027

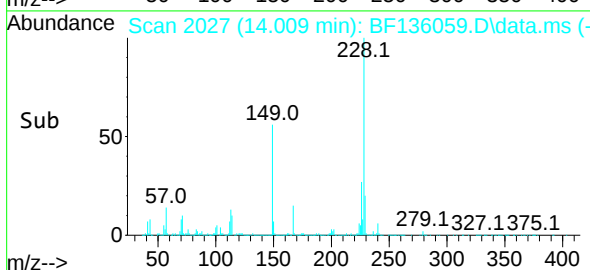
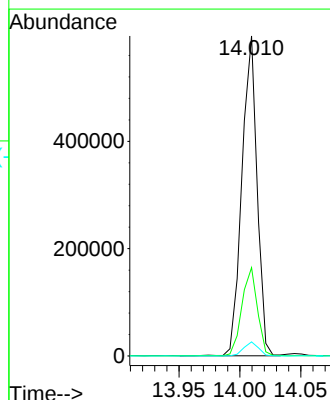
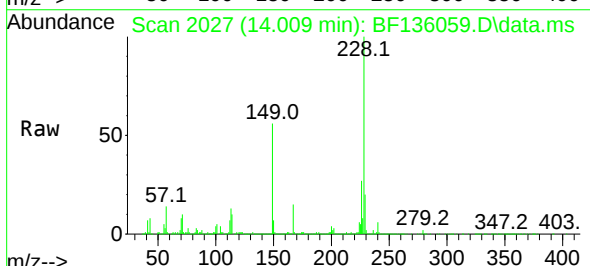
Delta R.T. 0.000 min

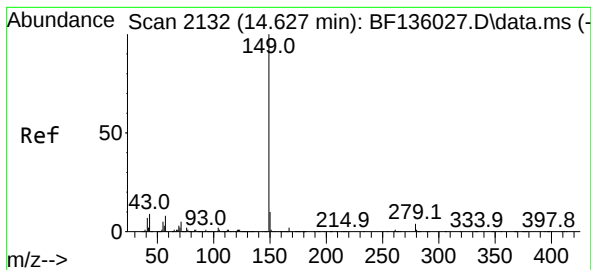
Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Tgt Ion:149 Resp: 517804

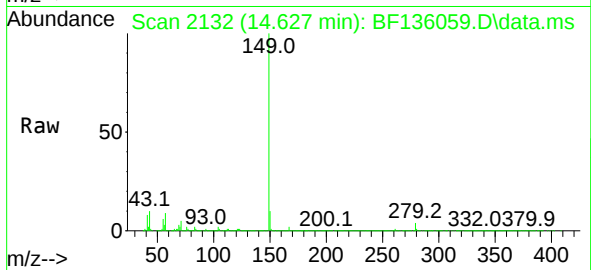
Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.6	33.8
279	4.4	4.1	6.1





#85
Di-n-octyl phthalate
Concen: 61.481 ng
RT: 14.627 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:149 Resp: 1020304
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.3 7.6 11.4

Manual Integrations
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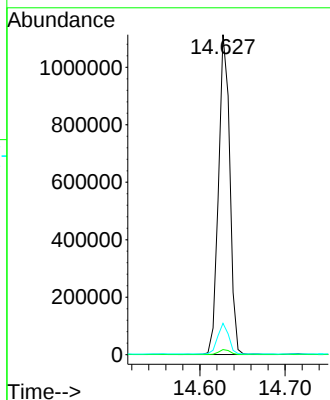
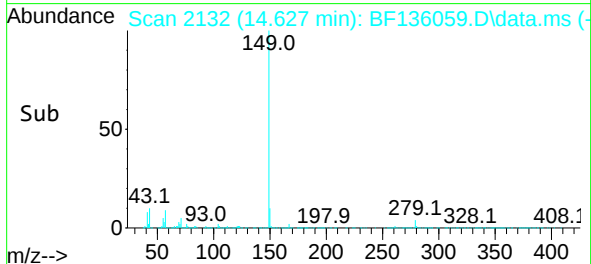
Reviewed By :Yogesh
Patel

11/01/2023

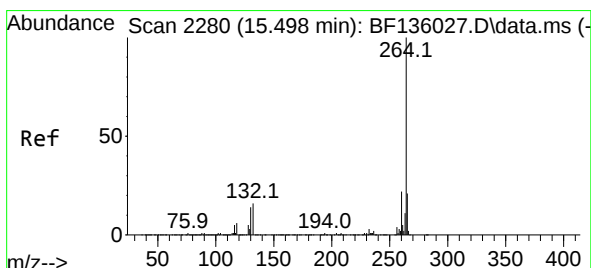
Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

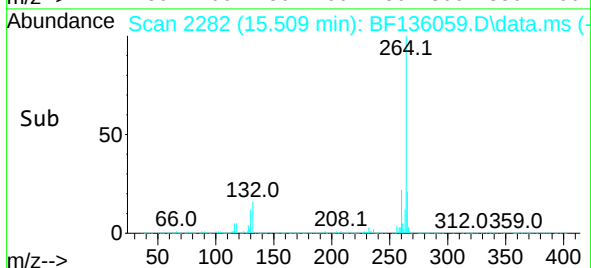
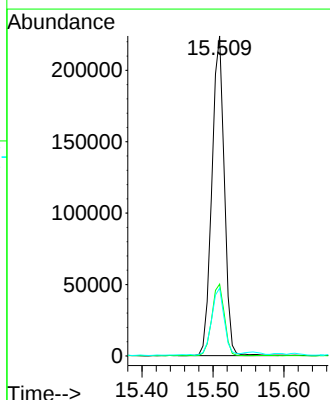
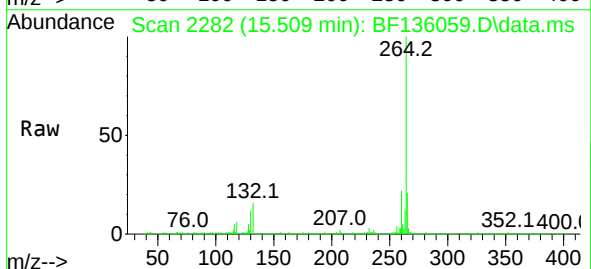


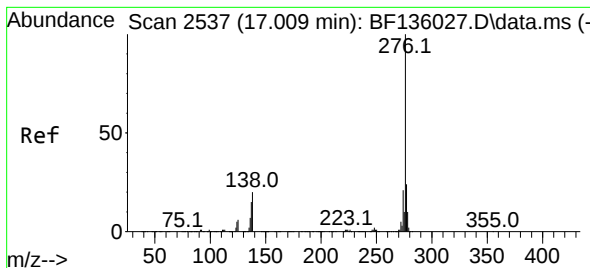
11/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.012 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:264 Resp: 272198
Ion Ratio Lower Upper
264 100
260 22.4 17.9 26.9
265 21.2 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.797 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:276 Resp: 725770

Ion Ratio Lower Upper

276 100

138 24.2 20.4 30.6

277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh

Patel

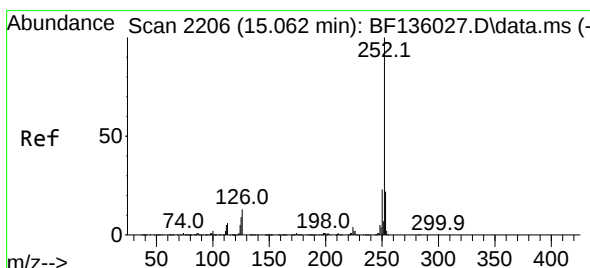
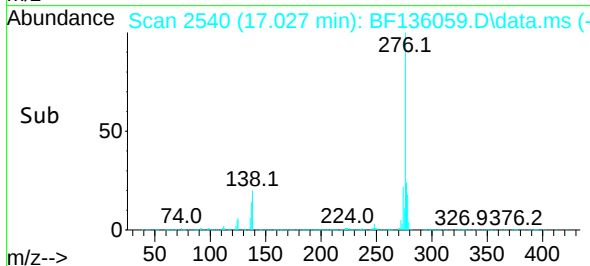
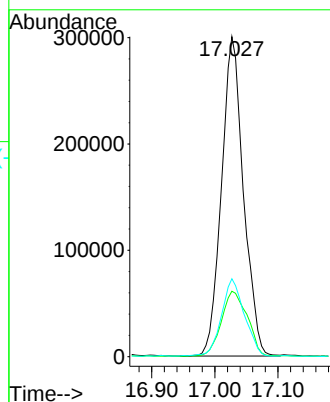
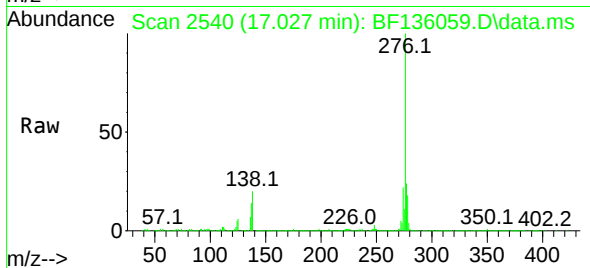
11/01/2023

Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed

11/01/2023



#88

Benzo(b)fluoranthene

Concen: 61.422 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF136059.D

Acq: 31 Oct 2023 19:08

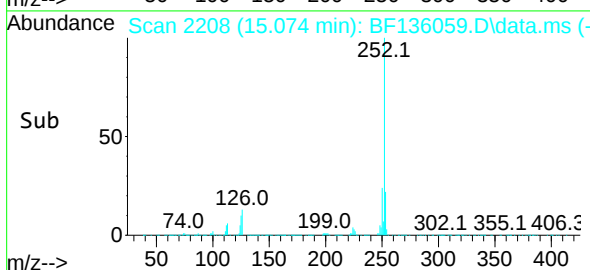
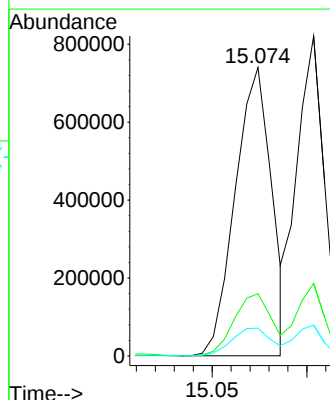
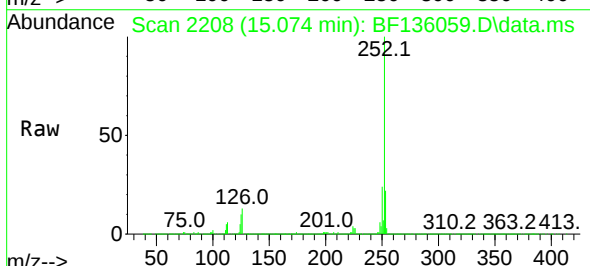
Tgt Ion:252 Resp: 989289

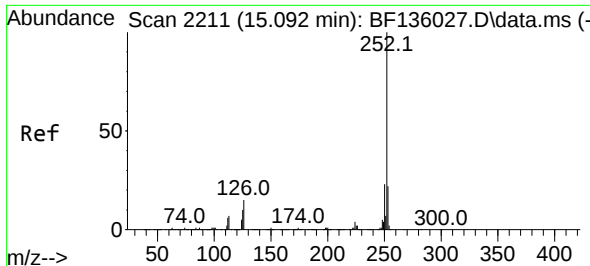
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

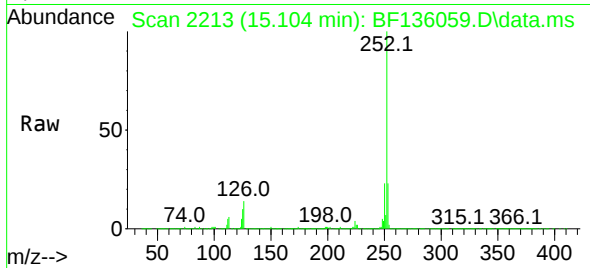
125 9.7 7.5 11.3





#89
Benzo(k)fluoranthene
Concen: 51.439 ng
RT: 15.104 min Scan# 2211
Delta R.T. 0.012 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:252 Resp: 81975
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 9.6 8.0 12.0

Manual Integrations
APPROVED

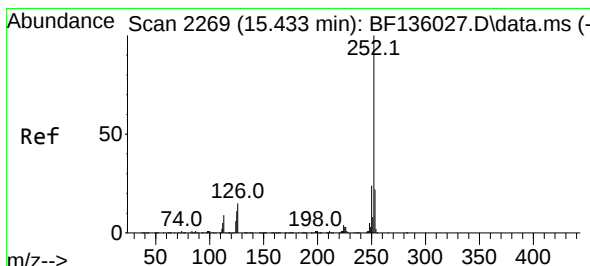
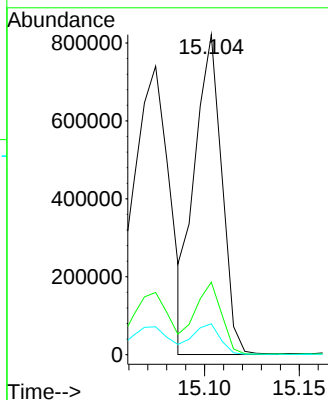
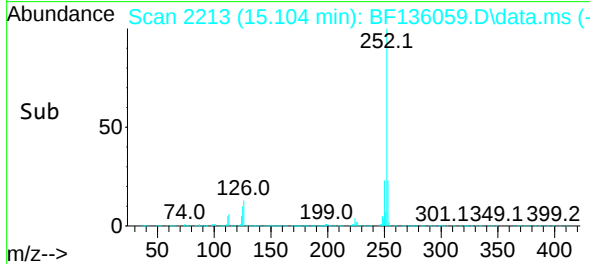
Reviewed By :Yogesh
Patel

11/01/2023

Supervised By :mohammad
ahmed

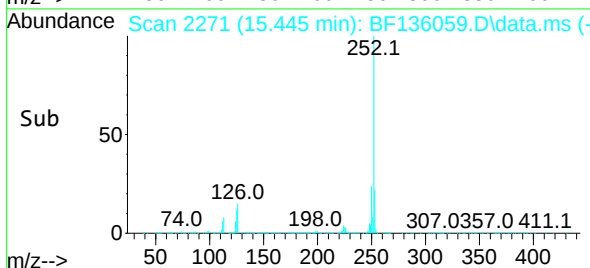
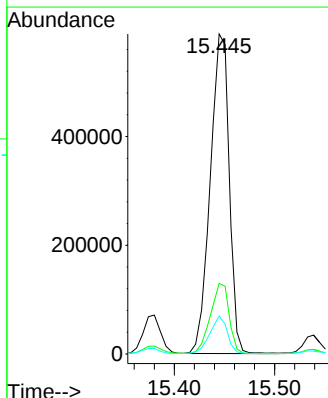
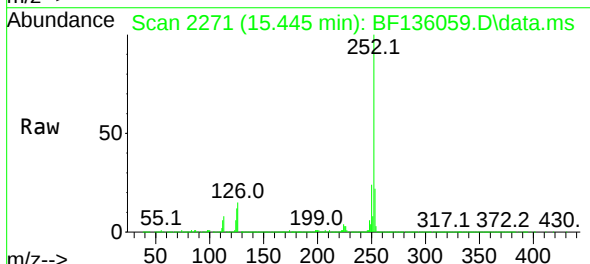
11/01/2023

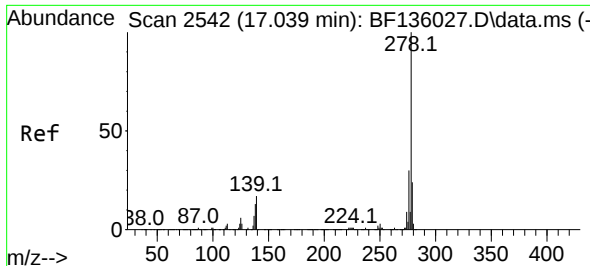
Supervised By :mohammad
ahmed



#90
Benzo(a)pyrene
Concen: 51.561 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:252 Resp: 771629
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.9 9.0 13.6





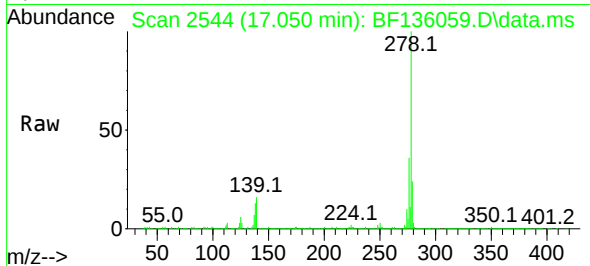
#91
Dibenzo(a,h)anthracene
Concen: 39.040 ng
RT: 17.050 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Instrument :

BNA_F

ClientSampleId :

TP-4MS



Tgt Ion:278 Resp: 56889
Ion Ratio Lower Upper
278 100
139 15.8 13.7 20.5
279 23.7 19.0 28.6

Manual Integrations
APPROVED

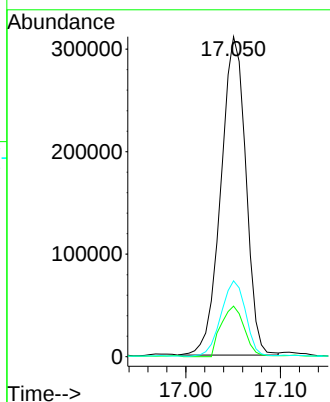
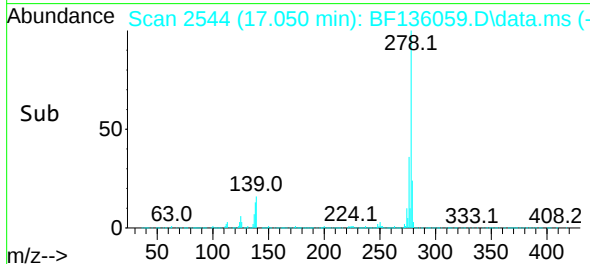
Reviewed By :Yogesh
Patel

11/01/2023

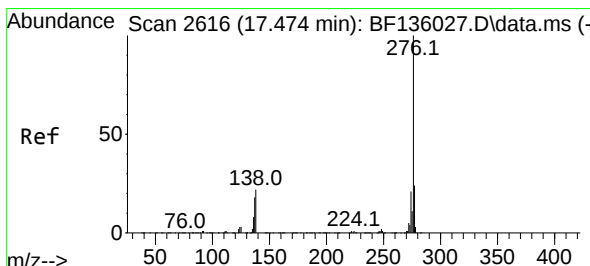
Supervised By :mohammad
ahmed

11/01/2023

Supervised By :mohammad
ahmed



11/01/2023



#92
Benzo(g,h,i)perylene
Concen: 35.574 ng
RT: 17.492 min Scan# 2619
Delta R.T. 0.018 min
Lab File: BF136059.D
Acq: 31 Oct 2023 19:08

Tgt Ion:276 Resp: 576958
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 20.0 17.4 26.2

