

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136310.D
 Acq On : 30 Nov 2023 13:11
 Operator : CG\JU
 Sample : PB157271BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157271BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 30 13:42:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	147622	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	655040	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	338246	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	615631	20.000	ng	0.00
76) Chrysene-d12	13.986	240	274215	20.000	ng	0.00
86) Perylene-d12	15.468	264	269198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1218350	114.872	ng	0.02
7) Phenol-d6	6.451	99	1501494	113.221	ng	0.00
23) Nitrobenzene-d5	7.375	82	902231	72.785	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	485122	117.311	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1916515	72.373	ng	0.00
79) Terphenyl-d14	12.933	244	1909176	80.310	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	121879	30.370	ng	98
3) Pyridine	3.446	79	304435	30.731	ng	96
4) n-Nitrosodimethylamine	3.410	42	179373	35.820	ng	89
6) Aniline	6.475	93	401185	32.006	ng	94
8) 2-Chlorophenol	6.592	128	480431	41.602	ng	96
9) Benzaldehyde	6.357	77	22713	3.073	ng	91
10) Phenol	6.463	94	574963	40.412	ng	99
11) bis(2-Chloroethyl)ether	6.551	93	420660	40.303	ng	97
12) 1,3-Dichlorobenzene	6.745	146	495318	37.794	ng	97
13) 1,4-Dichlorobenzene	6.822	146	504665	37.879	ng	98
14) 1,2-Dichlorobenzene	6.975	146	474029	37.583	ng	98
15) Benzyl Alcohol	6.951	79	373851	40.208	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	575587	39.702	ng	97
17) 2-Methylphenol	7.063	107	372201	40.995	ng	99
18) Hexachloroethane	7.316	117	175118	37.473	ng	93
19) n-Nitroso-di-n-propyla...	7.228	70	315072	39.724	ng	94
20) 3+4-Methylphenols	7.216	107	465542	39.454	ng	# 89
22) Acetophenone	7.216	105	657085	38.195	ng	# 99
24) Nitrobenzene	7.392	77	468674	37.309	ng	93
25) Isophorone	7.628	82	862435	38.585	ng	97
26) 2-Nitrophenol	7.704	139	240125	44.864	ng	94
27) 2,4-Dimethylphenol	7.745	122	375200	53.260	ng	93
28) bis(2-Chloroethoxy)met...	7.839	93	530094	39.208	ng	98
29) 2,4-Dichlorophenol	7.945	162	393809	41.444	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	435347	37.421	ng	98
31) Naphthalene	8.110	128	1412275	38.358	ng	99
32) Benzoic acid	7.880	122	289701	45.122	ng	98
33) 4-Chloroaniline	8.157	127	293805	23.476	ng	97
34) Hexachlorobutadiene	8.222	225	244595	35.937	ng	98
35) Caprolactam	8.539	113	117954m	44.405	ng	
36) 4-Chloro-3-methylphenol	8.645	107	415810	40.348	ng	94
37) 2-Methylnaphthalene	8.798	142	887148	38.412	ng	100
38) 1-Methylnaphthalene	8.898	142	851820	37.808	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	419801	38.998	ng	99
41) Hexachlorocyclopentadiene	8.951	237	428042	103.340	ng	96
43) 2,4,6-Trichlorophenol	9.080	196	285564	40.871	ng	92

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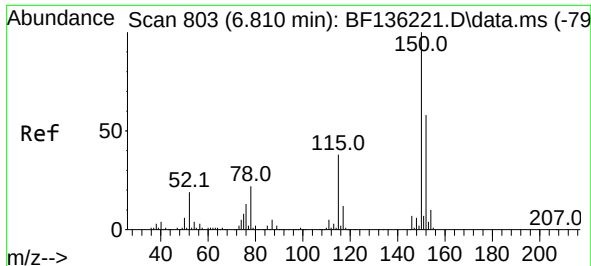
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 Supervised By :mohammad ahmed 12/01/2023

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	303494	39.803	ng	99
46) 1,1'-Biphenyl	9.269	154	1157061	38.791	ng	99
47) 2-Chloronaphthalene	9.292	162	879058	37.949	ng	99
48) 2-Nitroaniline	9.386	65	251811	41.637	ng	95
49) Acenaphthylene	9.704	152	1378840	41.711	ng	100
50) Dimethylphthalate	9.575	163	1033870	40.440	ng	99
51) 2,6-Dinitrotoluene	9.633	165	216719	41.495	ng	99
52) Acenaphthene	9.880	154	814489	38.989	ng	99
53) 3-Nitroaniline	9.804	138	169813	32.768	ng	94
54) 2,4-Dinitrophenol	9.910	184	224603	92.465	ng	98
55) Dibenzofuran	10.051	168	1225432	39.422	ng	99
56) 4-Nitrophenol	9.969	139	322245	81.873	ng	93
57) 2,4-Dinitrotoluene	10.039	165	290356	41.619	ng	93
58) Fluorene	10.398	166	951673	39.030	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	255224	42.069	ng	99
60) Diethylphthalate	10.274	149	1001245	39.152	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	452325	38.199	ng	98
62) 4-Nitroaniline	10.422	138	196399	38.718	ng	96
63) Azobenzene	10.551	77	918535	38.743	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	151249	44.927	ng	82
66) n-Nitrosodiphenylamine	10.510	169	832822	42.214	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	292924	40.784	ng	98
68) Hexachlorobenzene	10.945	284	332873	40.045	ng	98
69) Atrazine	11.045	200	239322	40.893	ng	97
70) Pentachlorophenol	11.139	266	314801	66.997	ng	97
71) Phenanthrene	11.363	178	1429564	41.315	ng	99
72) Anthracene	11.416	178	1443038	41.587	ng	100
73) Carbazole	11.569	167	1148615	38.921	ng	100
74) Di-n-butylphthalate	11.904	149	1496588	40.530	ng	99
75) Fluoranthene	12.551	202	1300192	37.015	ng	95
77) Benzidine	12.674	184	108448	24.059	ng	98
78) Pyrene	12.786	202	1289090	42.925	ng	99
80) Butylbenzylphthalate	13.410	149	413265	44.216	ng	98
81) Benzo(a)anthracene	13.974	228	822462	40.380	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	220450	44.964	ng	97
83) Chrysene	14.015	228	788440	40.092	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	496157	44.233	ng	# 100
85) Di-n-octyl phthalate	14.592	149	845618	46.588	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	881791	44.055	ng	99
88) Benzo(b)fluoranthene	15.033	252	810817	42.931	ng	99
89) Benzo(k)fluoranthene	15.068	252	731652	40.788	ng	100
90) Benzo(a)pyrene	15.409	252	686686	44.477	ng	98
91) Dibenzo(a,h)anthracene	17.003	278	734208	45.605	ng	99
92) Benzo(g,h,i)perylene	17.445	276	702333	43.523	ng	99

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



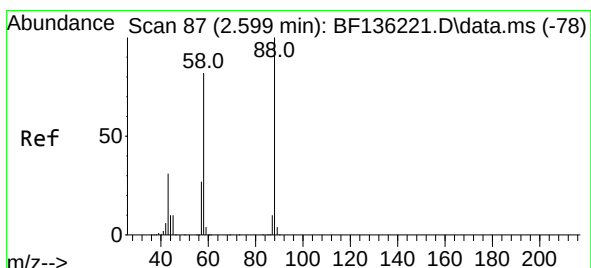
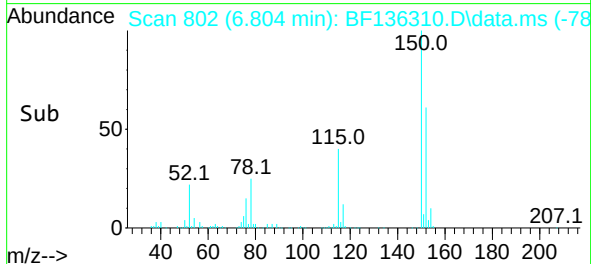
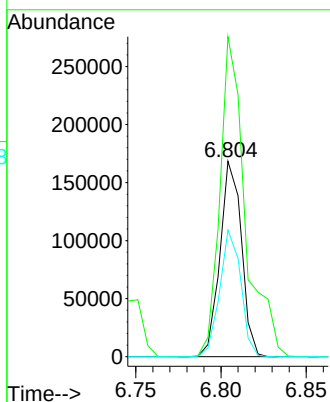
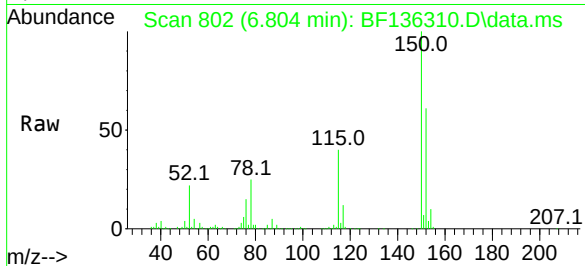
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :
BNA_F
ClientSampleId :
PB157271BS

Tgt Ion:152 Resp: 14762
Ion Ratio Lower Upper
152 100
150 163.8 137.8 206.8
115 64.8 52.7 79.1

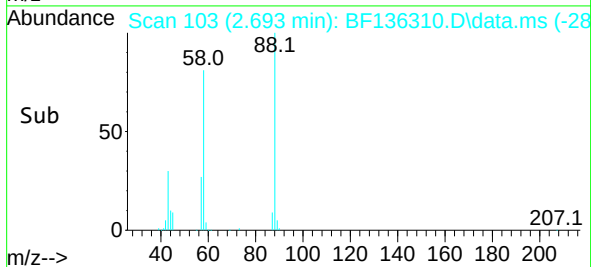
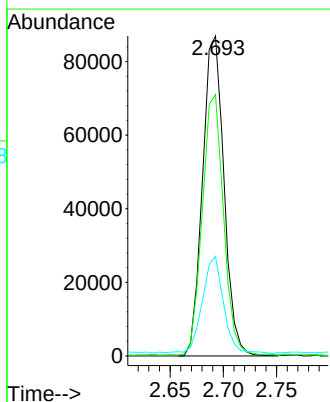
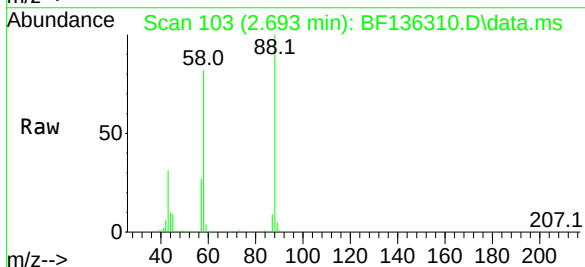
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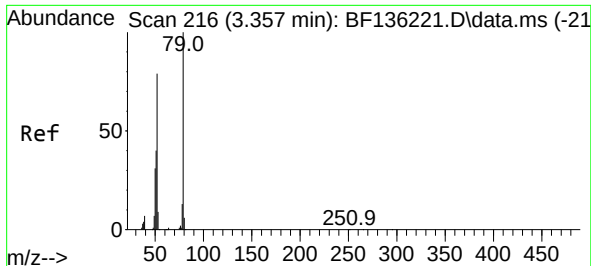
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#2
1,4-Dioxane
Concen: 30.370 ng
RT: 2.693 min Scan# 103
Delta R.T. 0.094 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Tgt Ion: 88 Resp: 121879
Ion Ratio Lower Upper
88 100
58 81.1 65.9 98.9
43 30.0 24.8 37.2





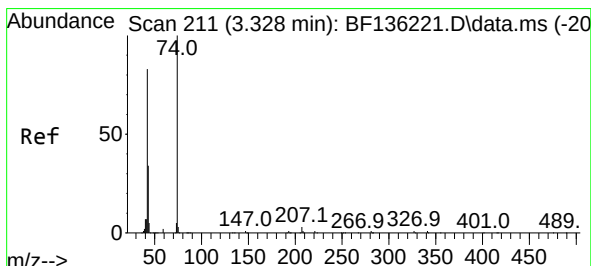
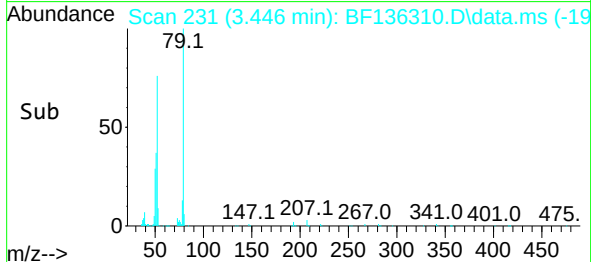
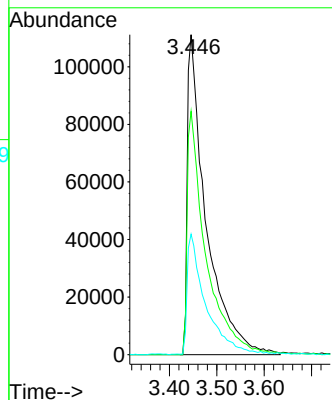
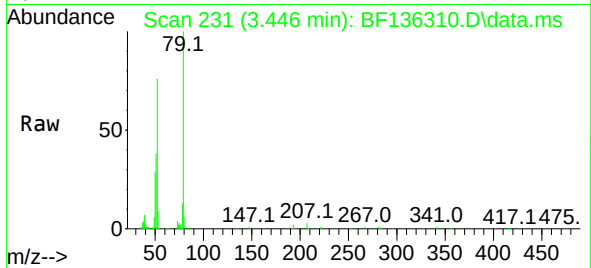
#3
Pyridine
Concen: 30.731 ng
RT: 3.446 min Scan# 216
Delta R.T. 0.088 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :
BNA_F
ClientSampleId :
PB157271BS

Tgt Ion: 79 Resp: 304435
Ion Ratio Lower Upper
79 100
52 76.0 63.2 94.8
51 37.7 32.6 49.0

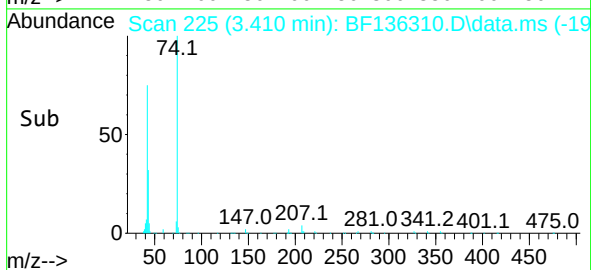
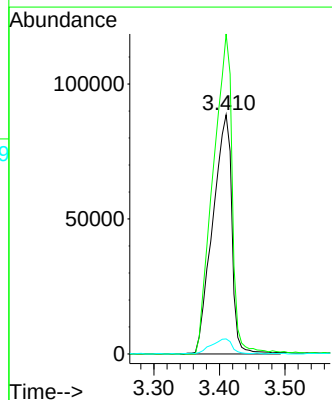
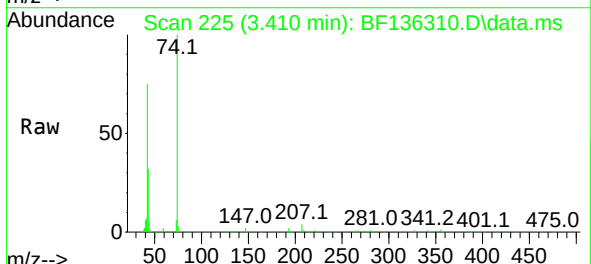
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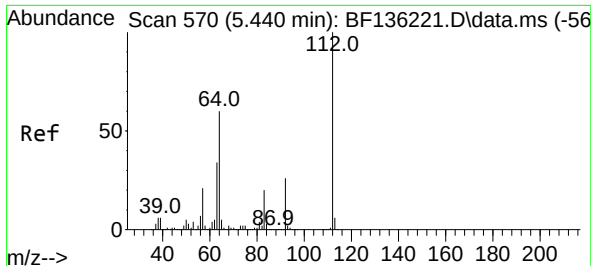
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#4
n-Nitrosodimethylamine
Concen: 35.820 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.082 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

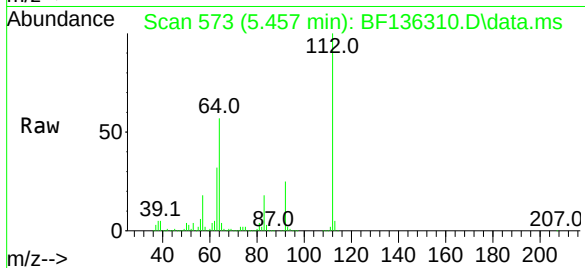
Tgt Ion: 42 Resp: 179373
Ion Ratio Lower Upper
42 100
74 133.8 96.6 144.8
44 6.3 5.4 8.2





#5
2-Fluorophenol
Concen: 114.872 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

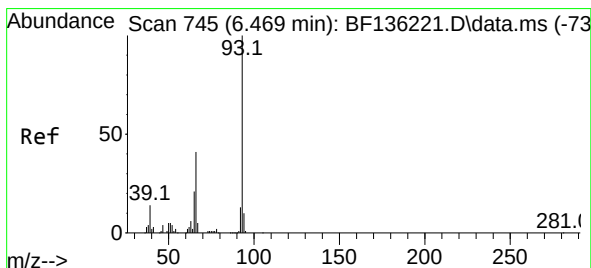
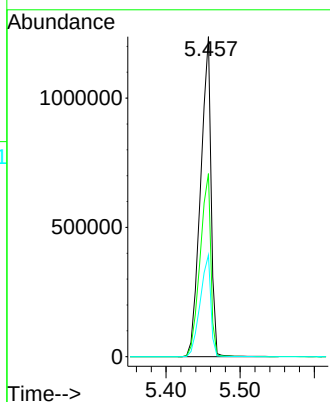
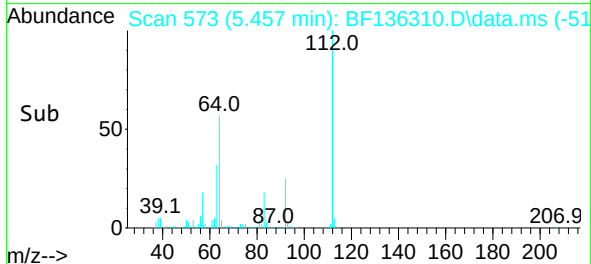
Instrument :
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ClientSampleId :
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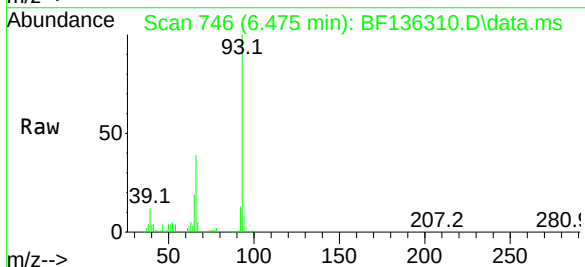
Tgt Ion: 112 Resp: 1218350
Ion Ratio Lower Upper
112 100
64 57.2 48.2 72.4
63 31.7 27.0 40.6

Manual Integrations
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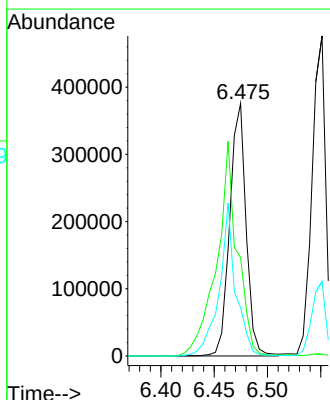
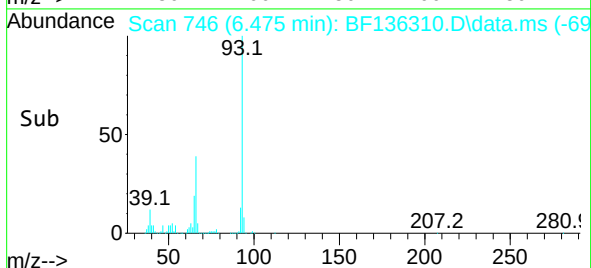
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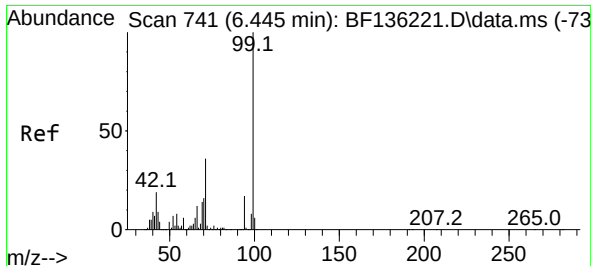


#6
Aniline
Concen: 32.006 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



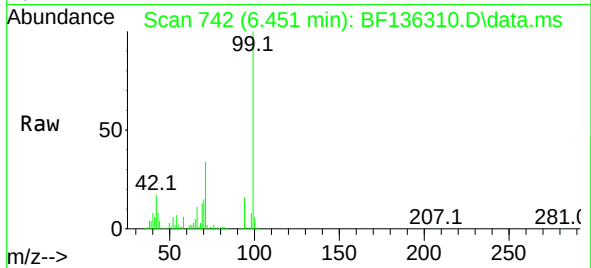
Tgt Ion: 93 Resp: 401185
Ion Ratio Lower Upper
93 100
66 38.9 34.1 51.1
65 19.2 17.3 25.9





#7
Phenol-d6
Concen: 113.221 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

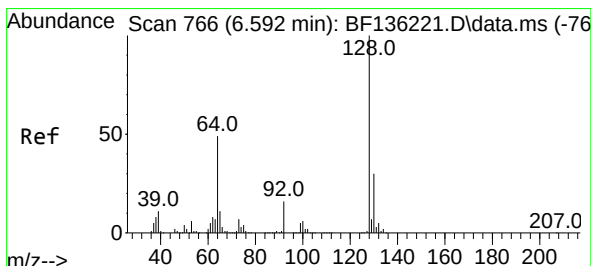
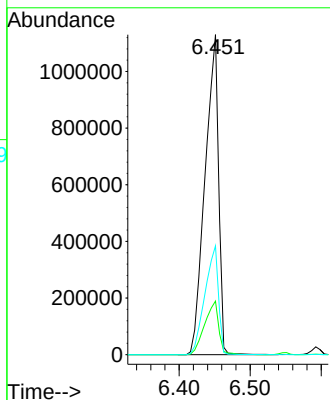
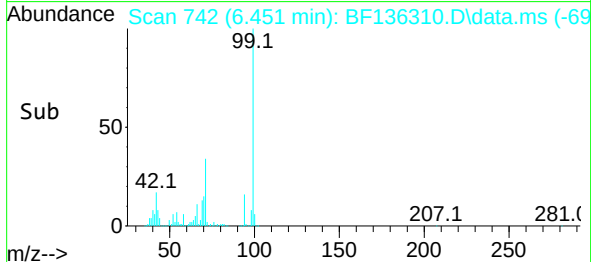
Instrument :
BNA_F
ClientSampleId :
PB157271BS



Tgt Ion: 99 Resp: 1501494
Ion Ratio Lower Upper
99 100
42 16.7 15.0 22.6
71 34.0 28.9 43.3

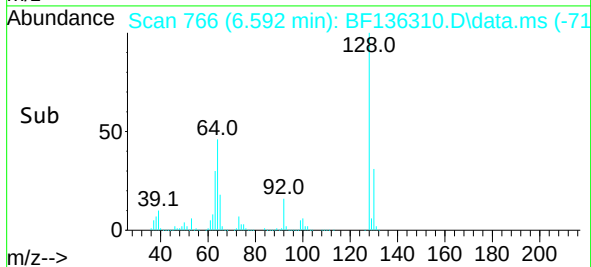
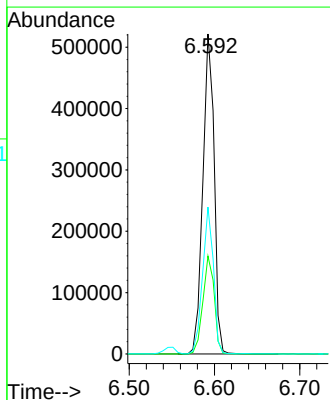
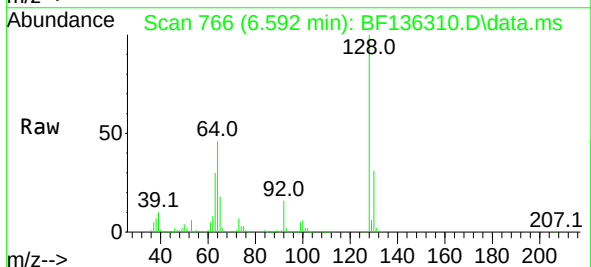
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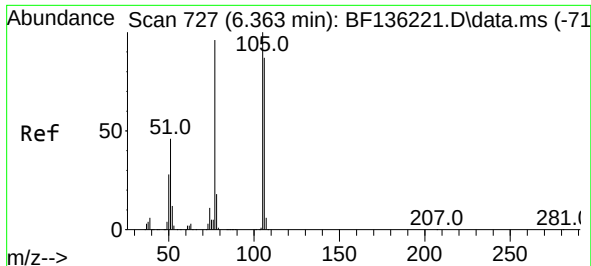
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#8
2-Chlorophenol
Concen: 41.602 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

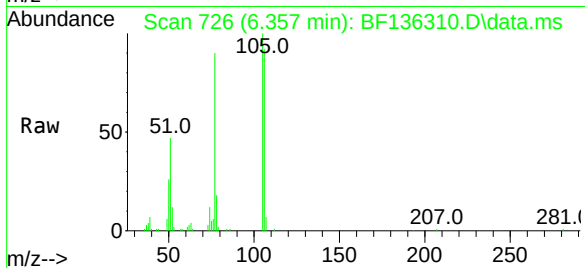
Tgt Ion:128 Resp: 480431
Ion Ratio Lower Upper
128 100
130 30.6 10.3 50.3
64 45.9 30.0 70.0





#9
Benzaldehyde
Concen: 3.073 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

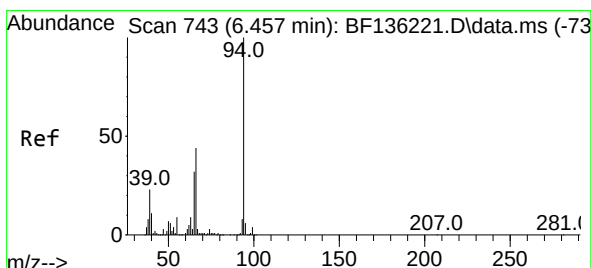
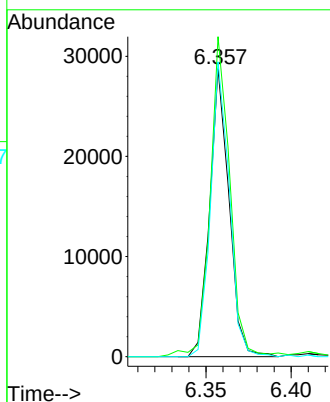
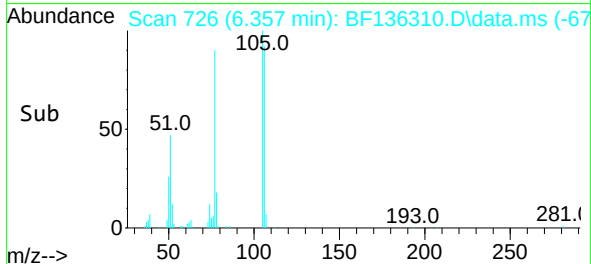
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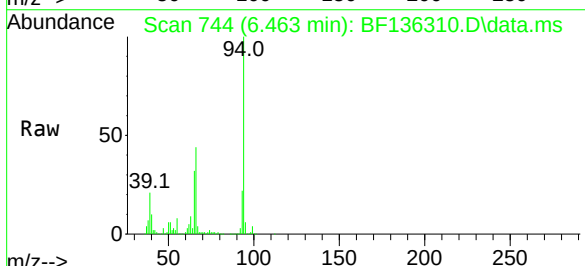
Tgt Ion: 77 Resp: 2271
Ion Ratio Lower Upper
77 100
105 111.0 84.3 124.3
106 102.3 71.0 111.0

Manual Integrations
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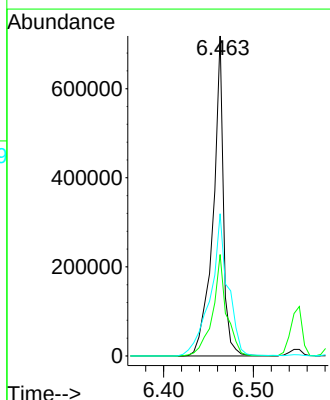
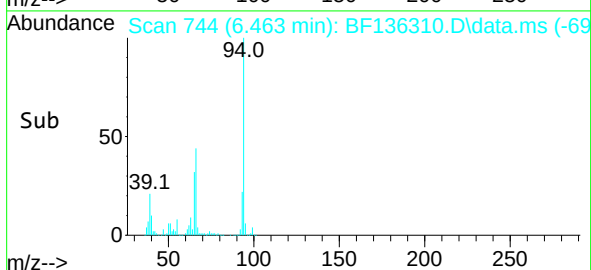
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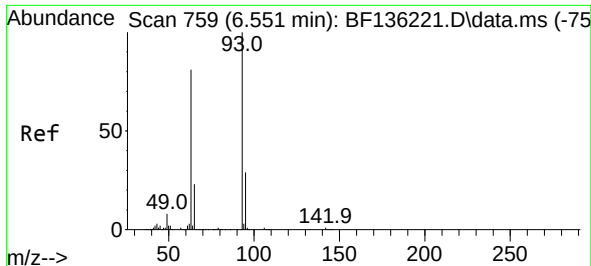


#10
Phenol
Concen: 40.412 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



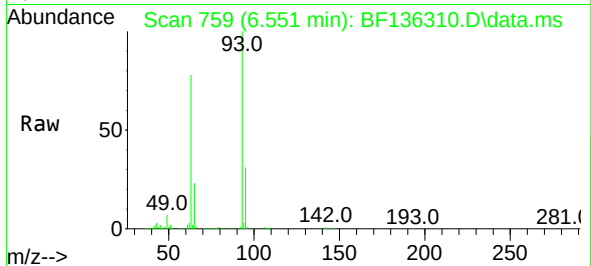
Tgt Ion: 94 Resp: 574963
Ion Ratio Lower Upper
94 100
65 31.7 12.5 52.5
66 44.4 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 40.303 ng
RT: 6.551 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

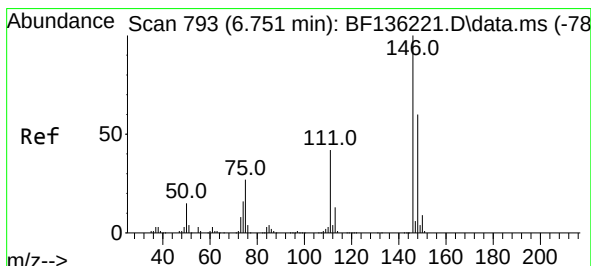
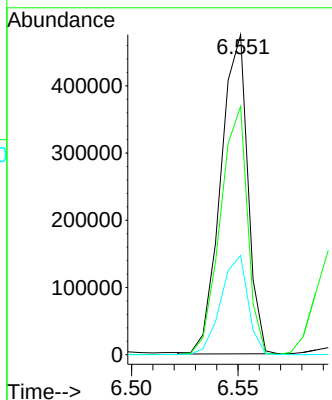
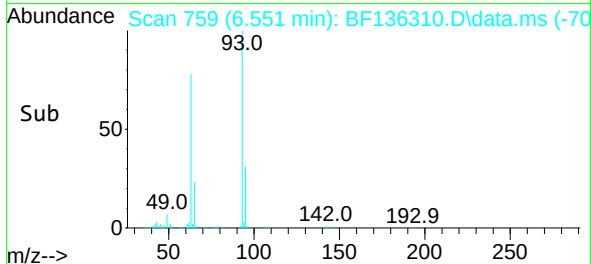
Instrument :
BNA_F
ClientSampleId :
PB157271BS



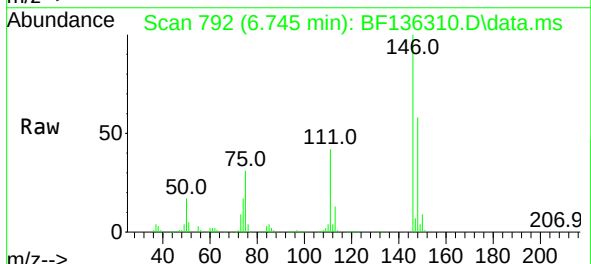
Tgt Ion: 93 Resp: 420660
Ion Ratio Lower Upper
93 100
63 77.6 60.2 100.2
95 31.1 9.1 49.1

Manual Integrations
APPROVED

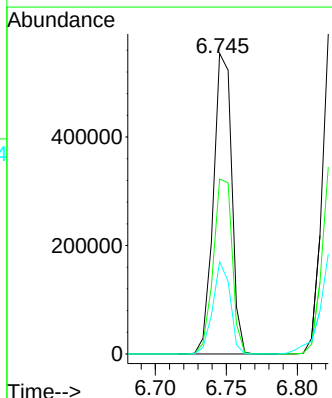
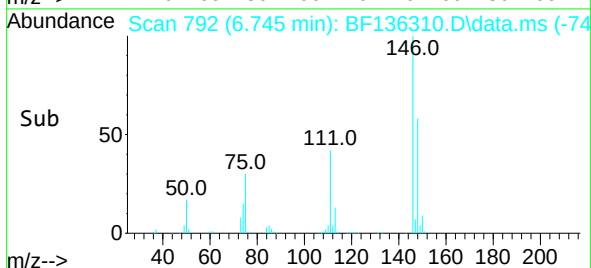
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

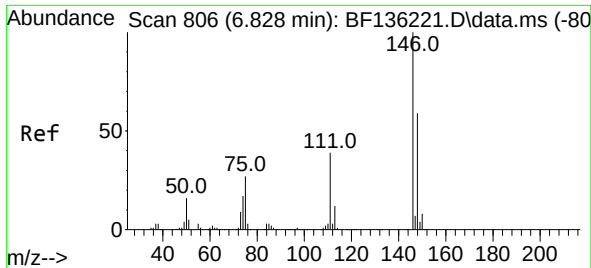


#12
1,3-Dichlorobenzene
Concen: 37.794 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



Tgt Ion:146 Resp: 495318
Ion Ratio Lower Upper
146 100
148 58.3 47.8 71.6
75 30.7 22.0 33.0





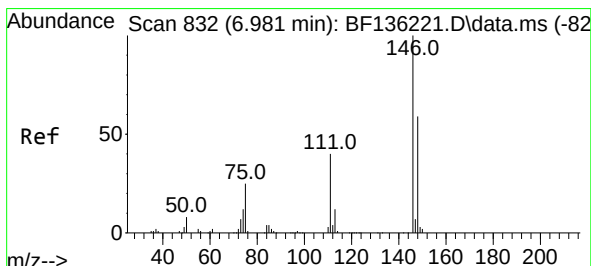
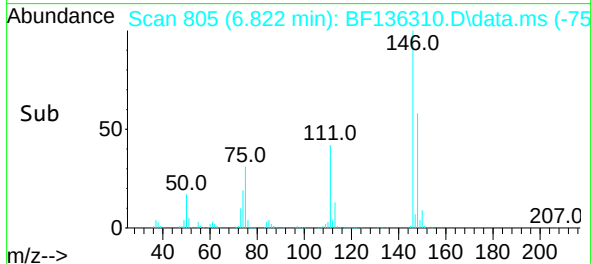
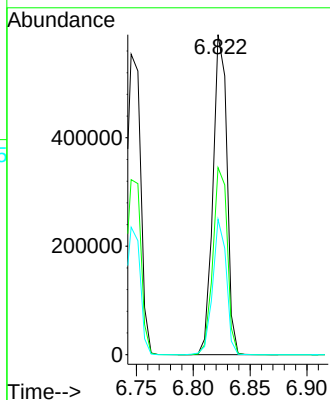
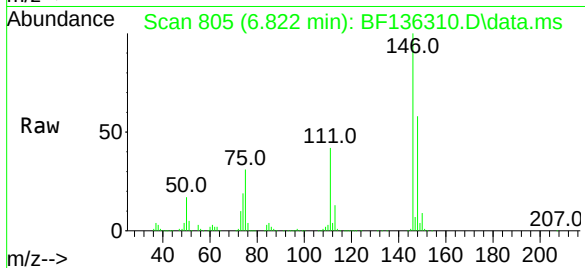
#13
1,4-Dichlorobenzene
Concen: 37.879 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :
BNA_F
ClientSampleId :
PB157271BS

Tgt Ion:146 Resp: 50466
Ion Ratio Lower Upper
146 100
148 58.5 47.0 70.6
111 42.3 31.5 47.3

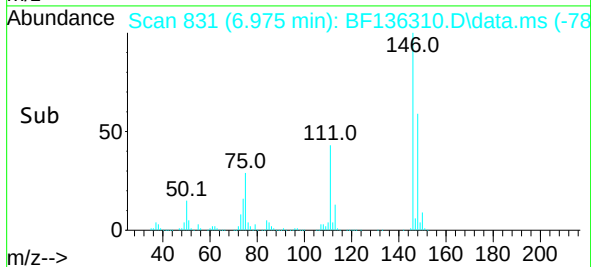
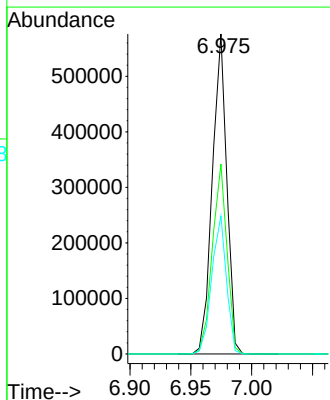
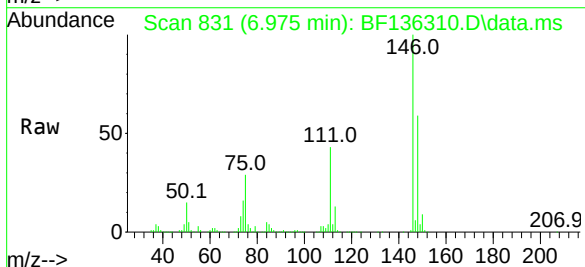
Manual Integrations
APPROVED

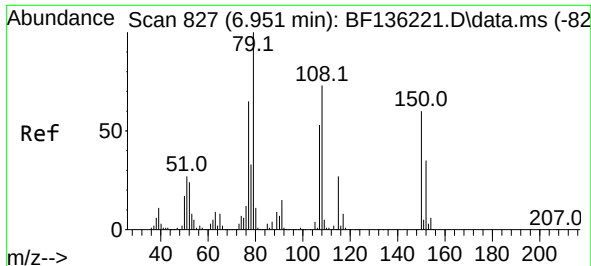
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#14
1,2-Dichlorobenzene
Concen: 37.583 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

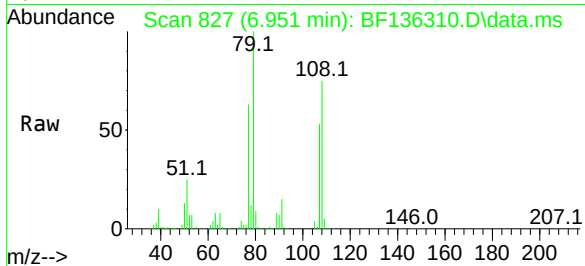
Tgt Ion:146 Resp: 474029
Ion Ratio Lower Upper
146 100
148 59.4 47.3 70.9
111 43.1 32.4 48.6





#15
Benzyl Alcohol
Concen: 40.208 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

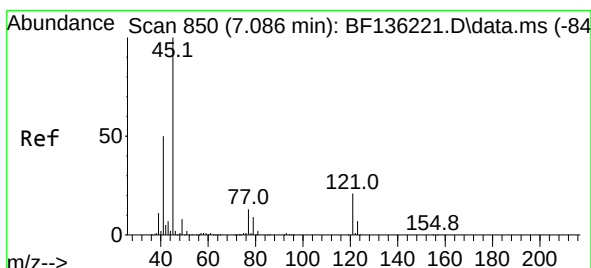
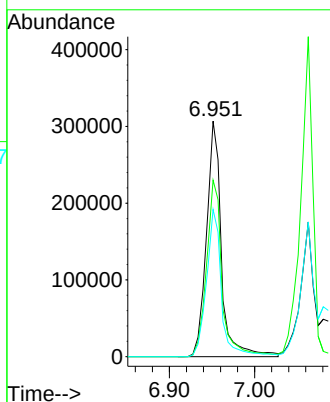
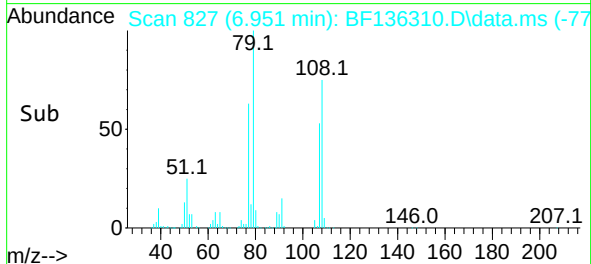
Instrument :
BNA_F
ClientSampleId :
PB157271BS



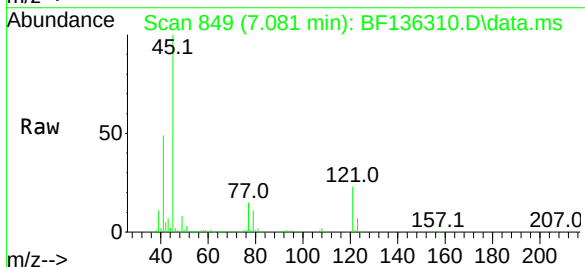
Tgt Ion: 79 Resp: 37385
Ion Ratio Lower Upper
79 100
108 75.0 58.1 87.1
77 62.5 51.8 77.8

Manual Integrations
APPROVED

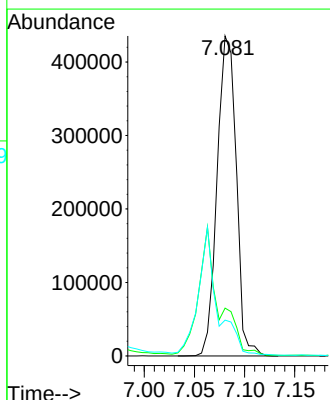
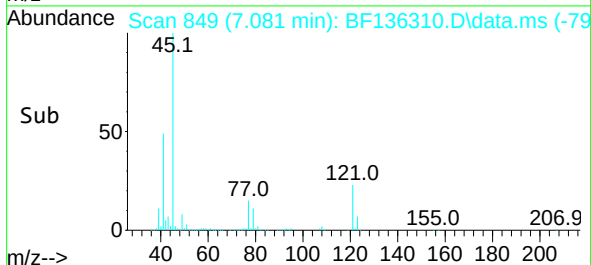
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

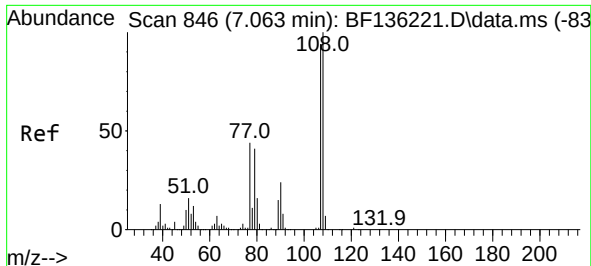


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.702 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



Tgt Ion: 45 Resp: 575587
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.0
79 11.2 0.0 30.1





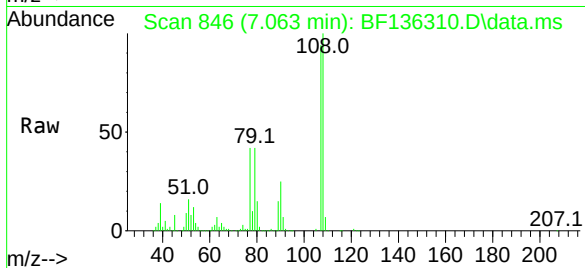
#17
2-Methylphenol
Concen: 40.995 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS



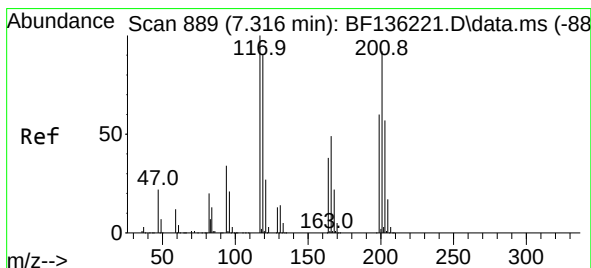
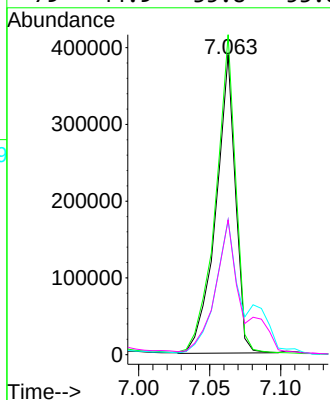
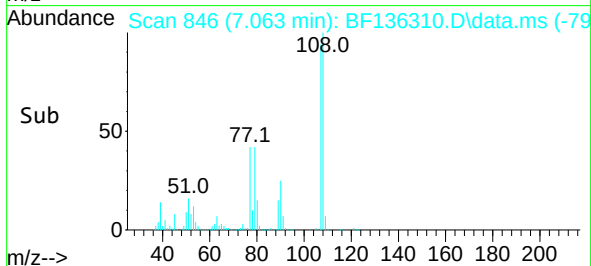
Tgt Ion:107 Resp: 37220
Ion Ratio Lower Upper
107 100
108 106.6 85.4 128.0
77 44.9 37.4 56.2
79 44.9 35.8 53.8

Manual Integrations

APPROVED

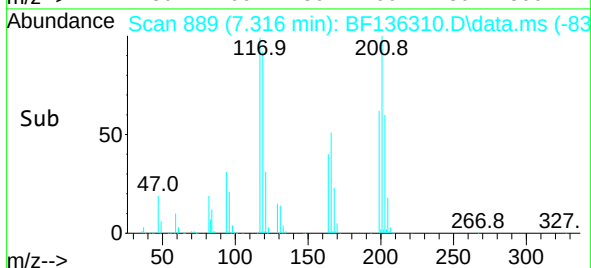
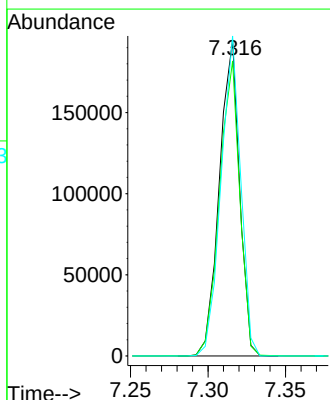
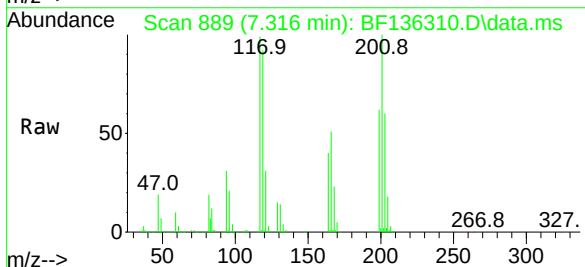
Reviewed By :Yogesh Patel 12/01/2023

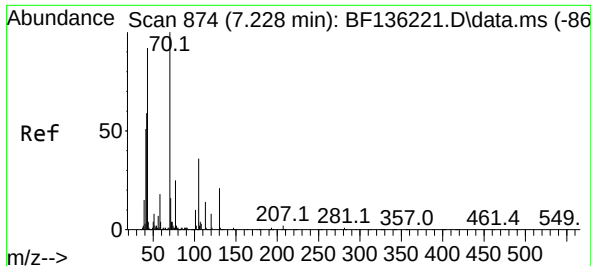
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 37.473 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Tgt Ion:117 Resp: 175118
Ion Ratio Lower Upper
117 100
119 93.3 71.6 107.4
201 101.2 73.4 110.2





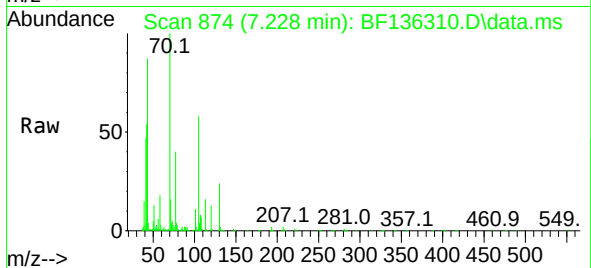
#19
n-Nitroso-di-n-propylamine
Concen: 39.724 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

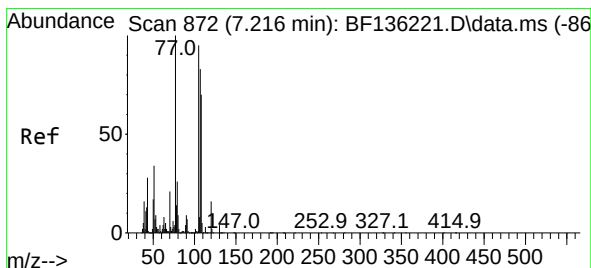
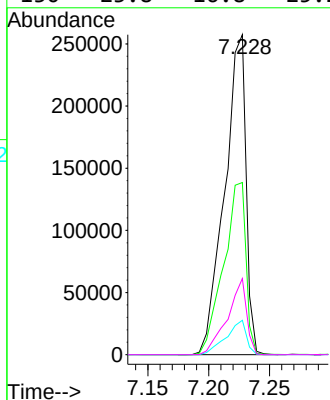
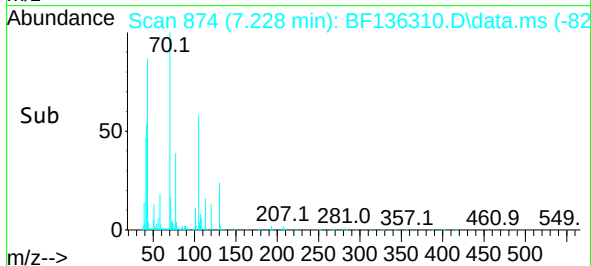
PB157271BS



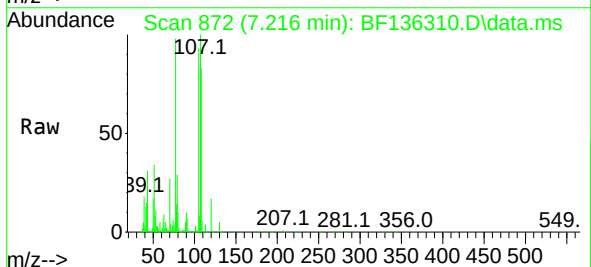
Tgt Ion: 70 Resp: 315072
Ion Ratio Lower Upper
70 100
42 53.8 47.0 70.4
101 10.8 7.8 11.8
130 23.8 16.8 25.2

Manual Integrations
APPROVED

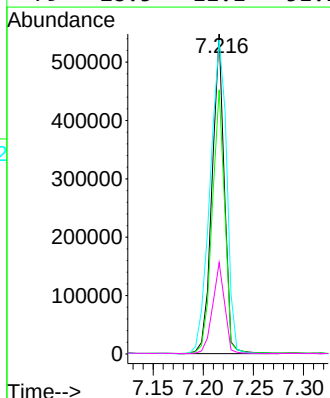
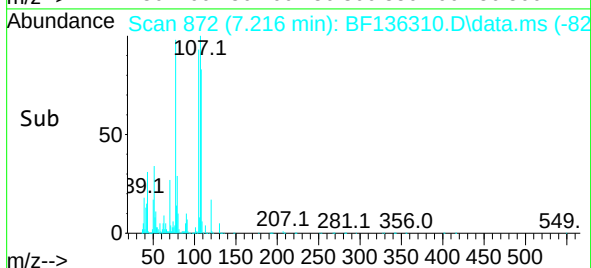
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

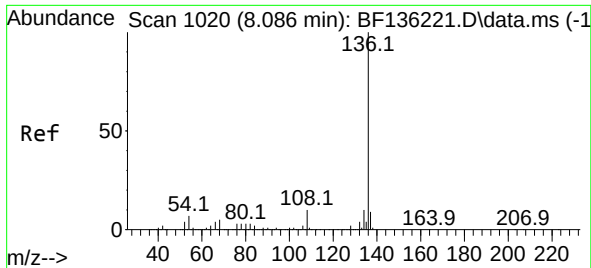


#20
3+4-Methylphenols
Concen: 39.454 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



Tgt Ion:107 Resp: 465542
Ion Ratio Lower Upper
107 100
108 82.6 63.9 103.9
77 98.0 100.2 140.2#
79 28.5 11.1 51.1





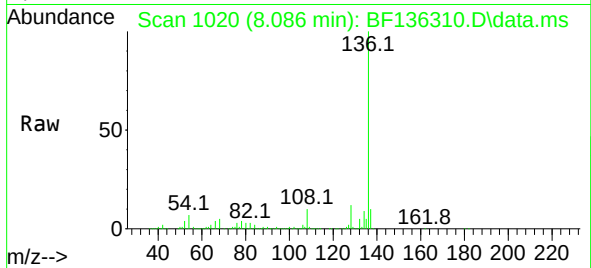
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS

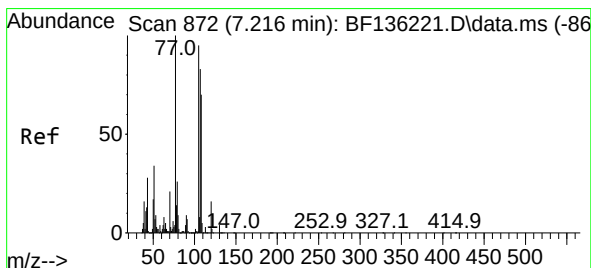
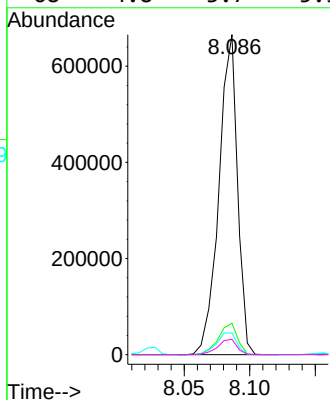
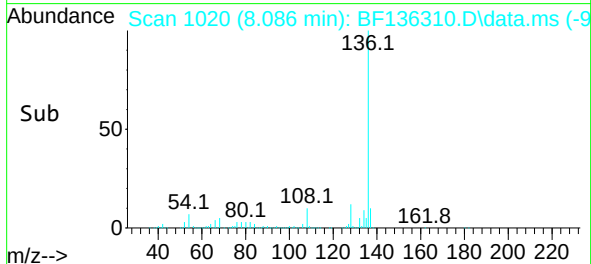


Tgt Ion:136 Resp: 655040
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 6.8 5.5 8.3
68 4.8 3.7 5.5

Manual Integrations

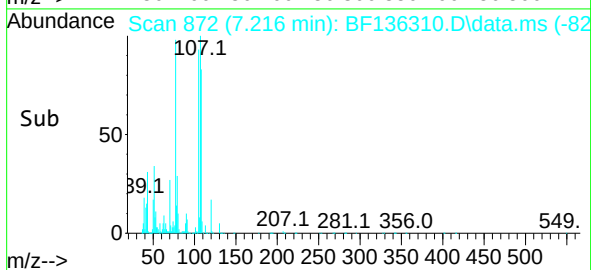
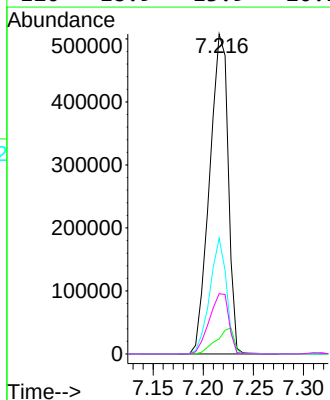
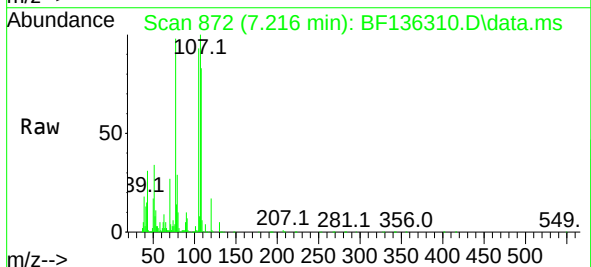
APPROVED

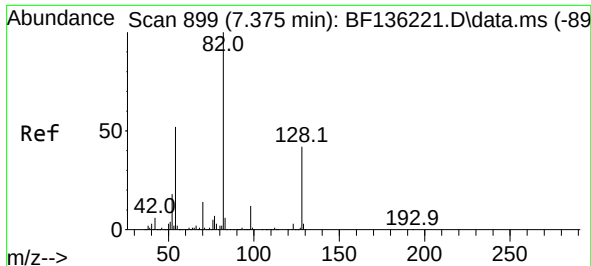
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 38.195 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Tgt Ion:105 Resp: 657085
Ion Ratio Lower Upper
105 100
71 4.7 2.8 4.2#
51 36.2 29.0 43.6
120 18.9 13.9 20.9





#23

Nitrobenzene-d5

Concen: 72.785 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF136310.D

Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS

Tgt Ion: 82 Resp: 90223

Ion Ratio Lower Upper

82 100

128 44.8 33.4 50.2

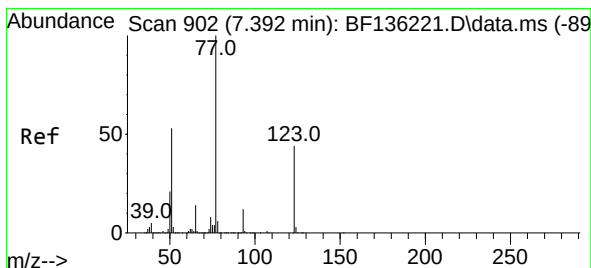
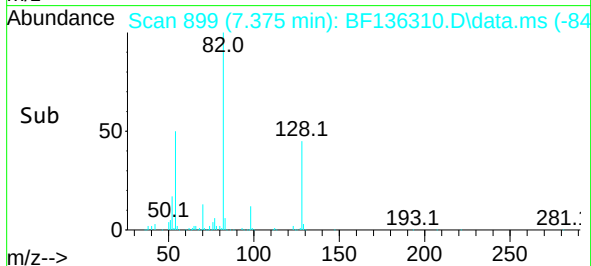
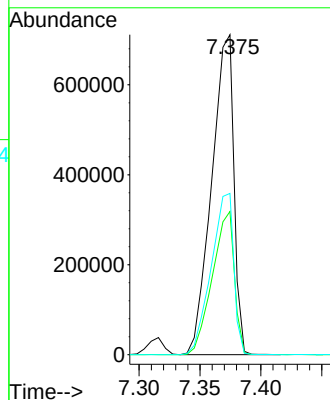
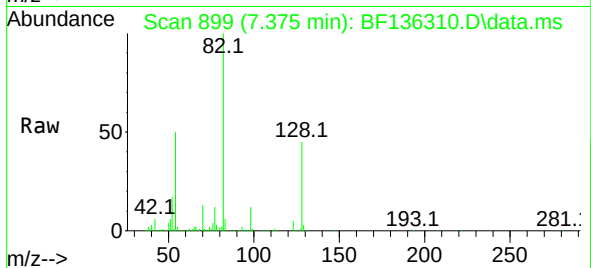
54 50.4 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#24

Nitrobenzene

Concen: 37.309 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.000 min

Lab File: BF136310.D

Acq: 30 Nov 2023 13:11

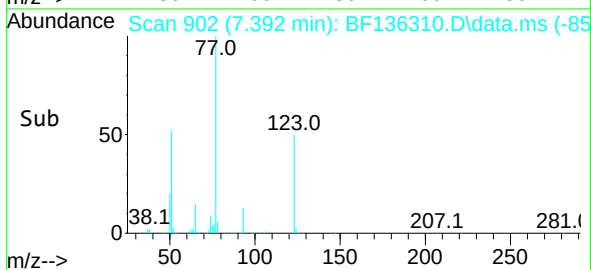
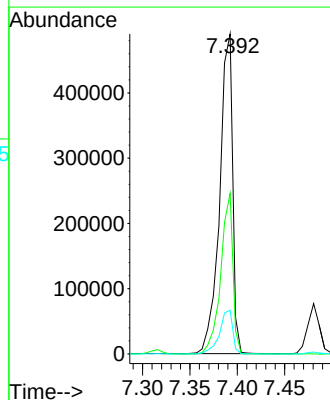
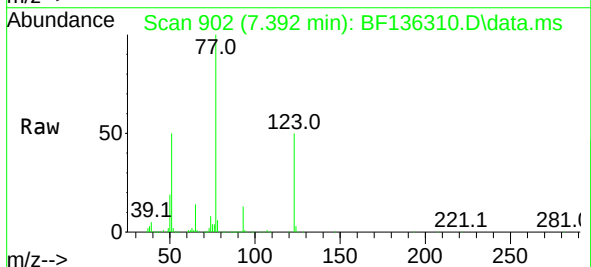
Tgt Ion: 77 Resp: 468674

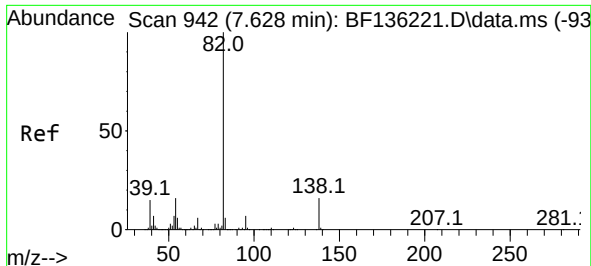
Ion Ratio Lower Upper

77 100

123 50.2 35.4 53.2

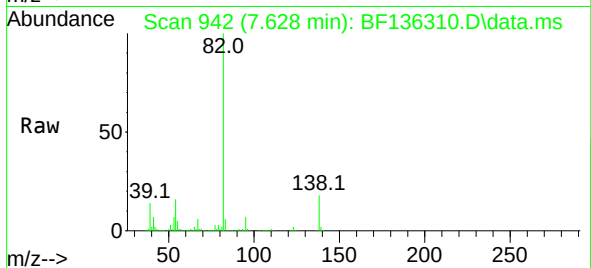
65 13.7 11.0 16.6





#25
Isophorone
Concen: 38.585 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

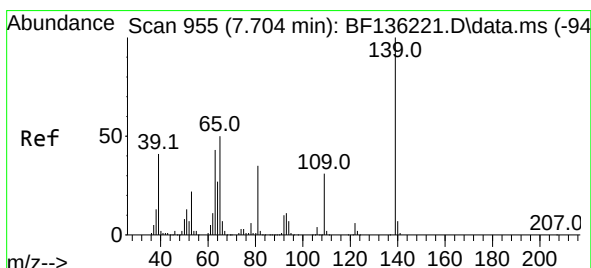
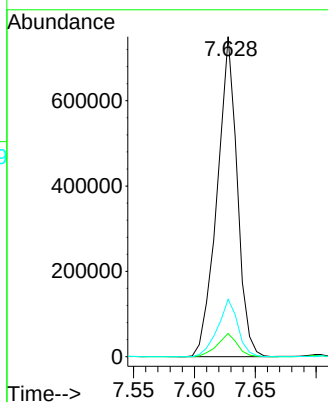
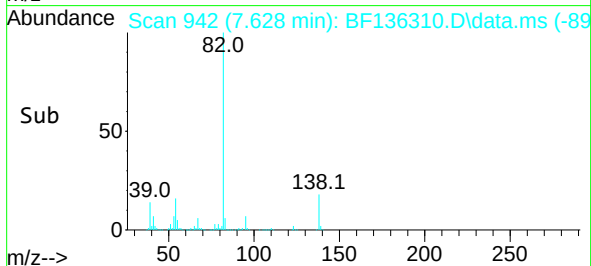
Instrument :
BNA_F
ClientSampleId :
PB157271BS



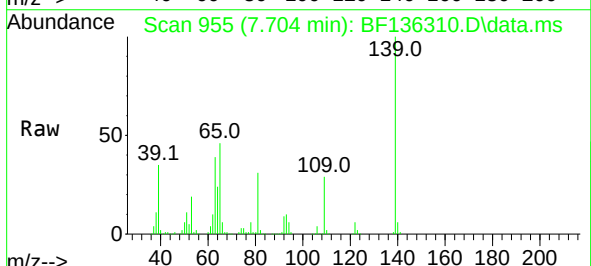
Tgt Ion: 82 Resp: 862435
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.9 12.8 19.2

Manual Integrations
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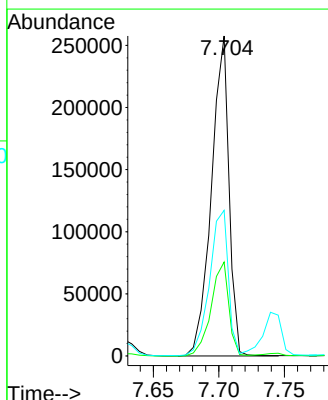
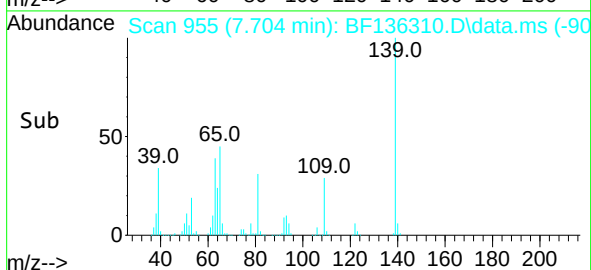
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

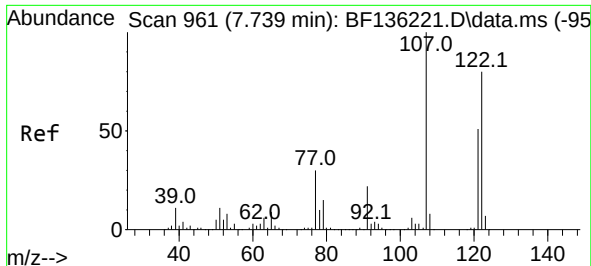


#26
2-Nitrophenol
Concen: 44.864 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



Tgt Ion:139 Resp: 240125
Ion Ratio Lower Upper
139 100
109 29.3 25.0 37.6
65 45.5 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 53.260 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136310.D

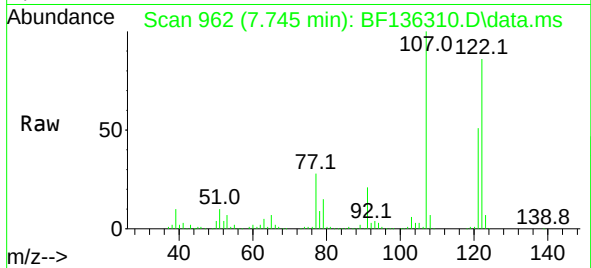
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS



Tgt Ion:122 Resp: 375200

Ion Ratio Lower Upper

122 100

107 116.2 100.0 150.0

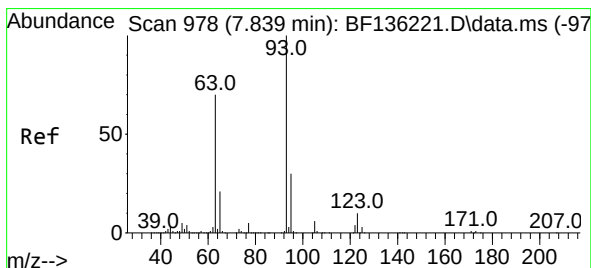
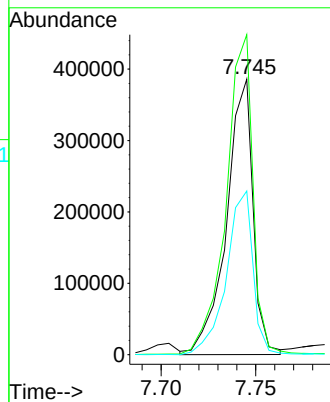
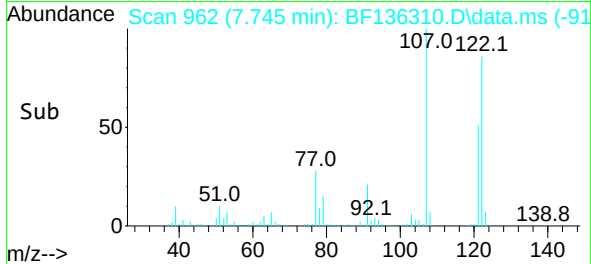
121 59.4 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.208 ng

RT: 7.839 min Scan# 978

Delta R.T. -0.000 min

Lab File: BF136310.D

Acq: 30 Nov 2023 13:11

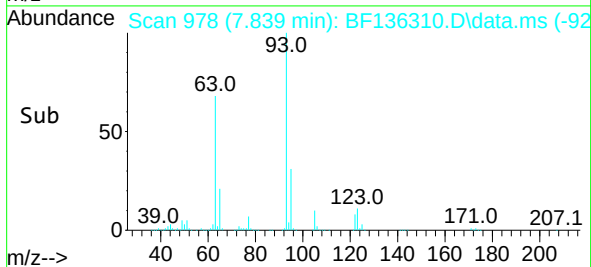
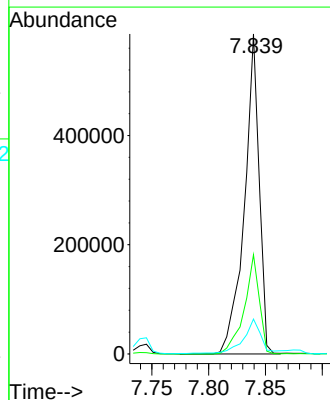
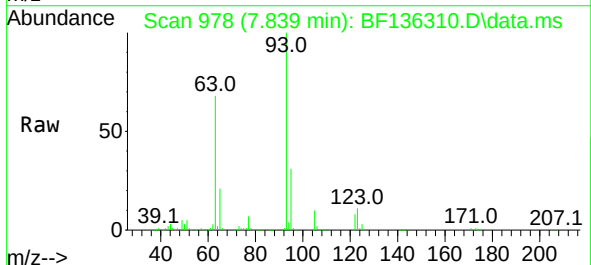
Tgt Ion: 93 Resp: 530094

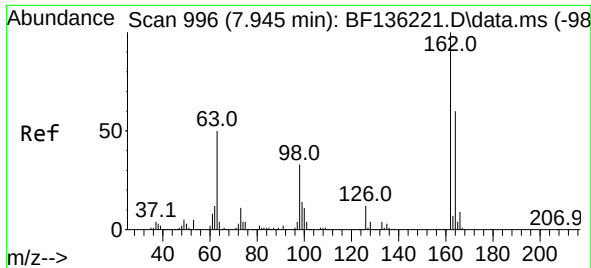
Ion Ratio Lower Upper

93 100

95 31.0 23.8 35.6

123 10.9 8.2 12.4





#29
2,4-Dichlorophenol
Concen: 41.444 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

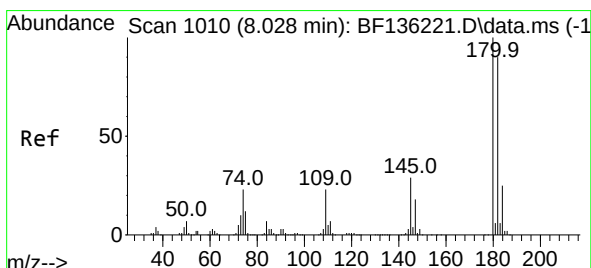
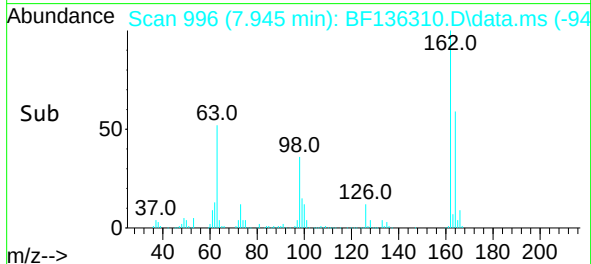
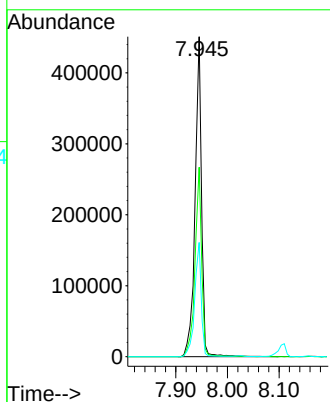
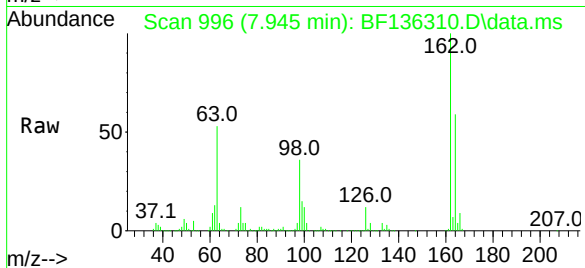
ClientSampleId :

PB157271BS

Tgt Ion:162 Resp: 393809
Ion Ratio Lower Upper
162 100
164 59.2 40.3 80.3
98 35.7 13.0 53.0

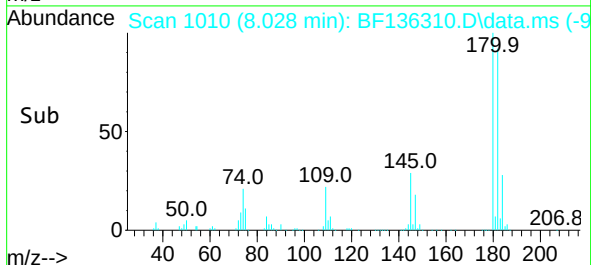
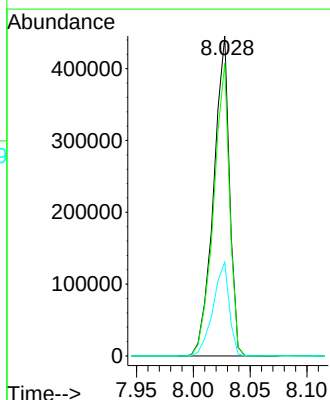
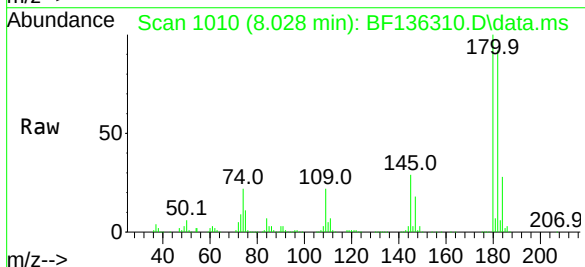
Manual Integrations
APPROVED

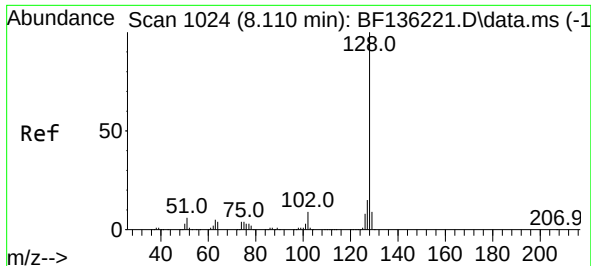
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#30
1,2,4-Trichlorobenzene
Concen: 37.421 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

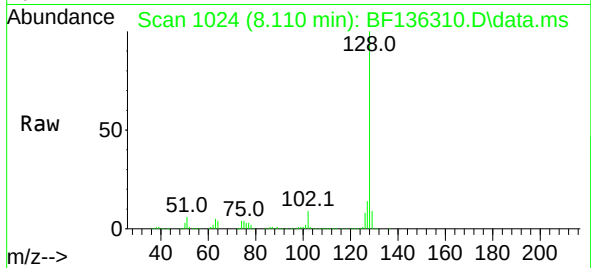
Tgt Ion:180 Resp: 435347
Ion Ratio Lower Upper
180 100
182 91.5 71.6 107.4
145 29.3 23.0 34.4





#31
Naphthalene
Concen: 38.358 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

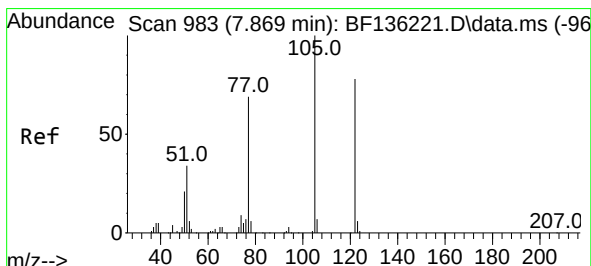
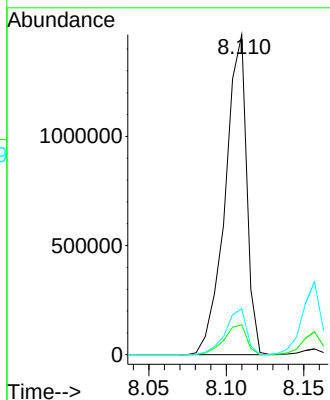
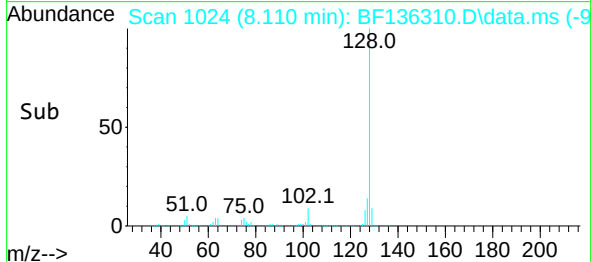
Instrument :
BNA_F
ClientSampleId :
PB157271BS



Tgt Ion:128 Resp: 141227
Ion Ratio Lower Upper
128 100
129 9.3 7.3 10.9
127 14.4 11.8 17.6

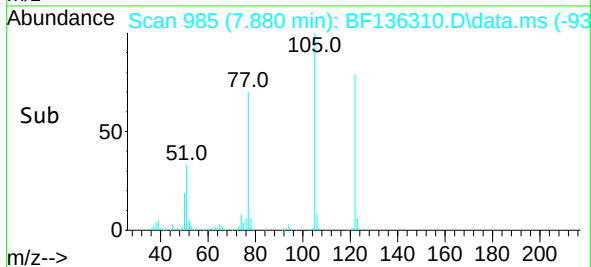
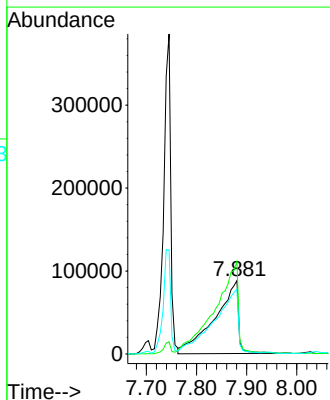
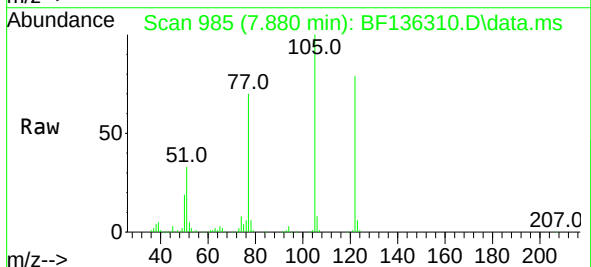
Manual Integrations
APPROVED

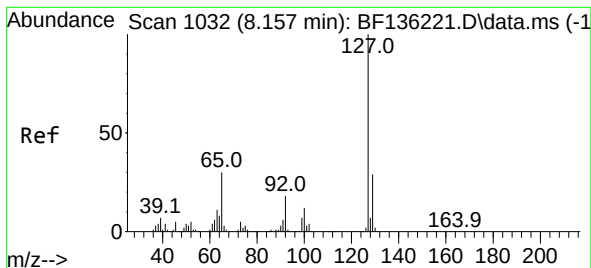
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 45.122 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Tgt Ion:122 Resp: 289701
Ion Ratio Lower Upper
122 100
105 125.9 103.7 143.7
77 88.5 66.8 106.8





#33
4-Chloroaniline
Concen: 23.476 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

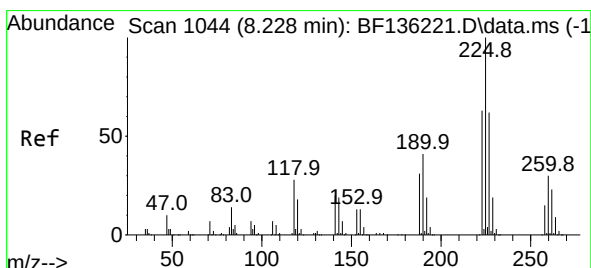
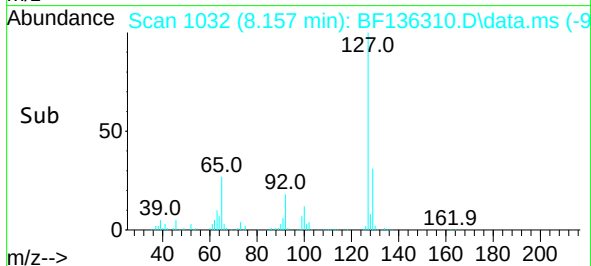
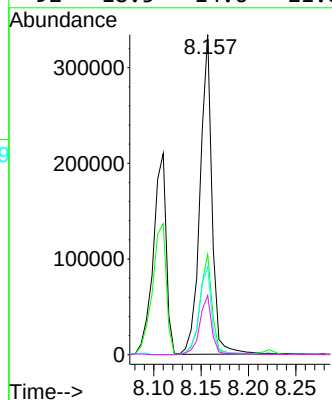
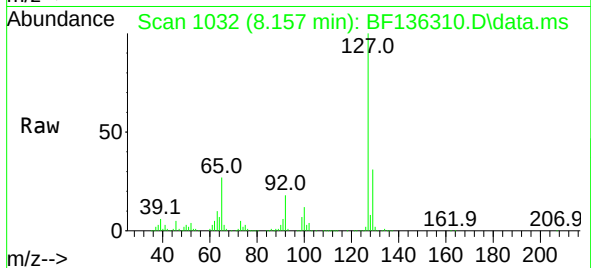
PB157271BS

Tgt Ion:127 Resp: 293805
Ion Ratio Lower Upper
127 100
129 31.3 23.4 35.2
65 27.4 23.8 35.6
92 18.5 14.6 21.8

Manual Integrations

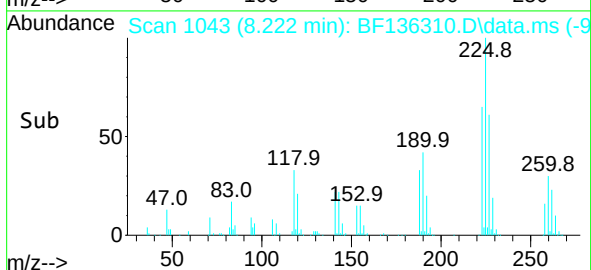
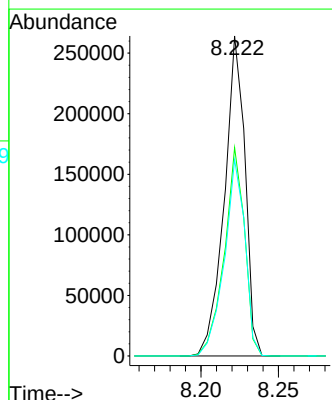
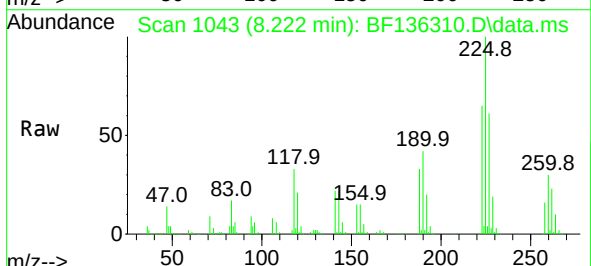
APPROVED

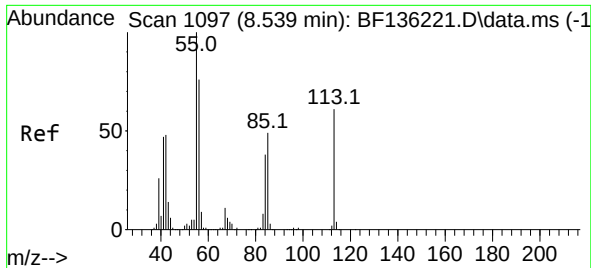
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 35.937 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

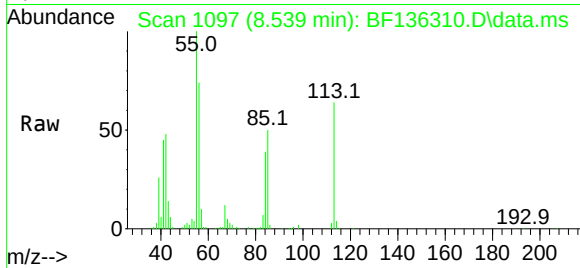
Tgt Ion:225 Resp: 244595
Ion Ratio Lower Upper
225 100
223 65.1 50.6 75.8
227 61.3 49.6 74.4





#35
Caprolactam
Concen: 44.405 ng m
RT: 8.539 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

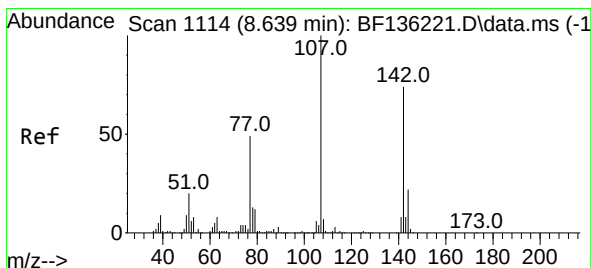
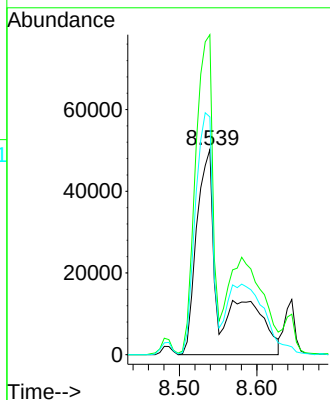
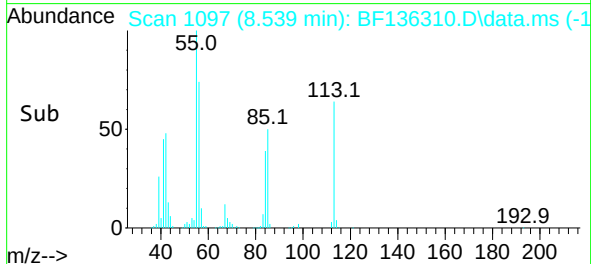
Instrument :
BNA_F
ClientSampleId :
PB157271BS



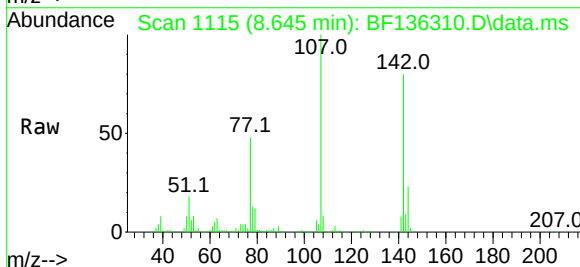
Tgt Ion:113 Resp: 117954
Ion Ratio Lower Upper
113 100
55 156.0 143.1 183.1
56 115.9 103.6 143.6

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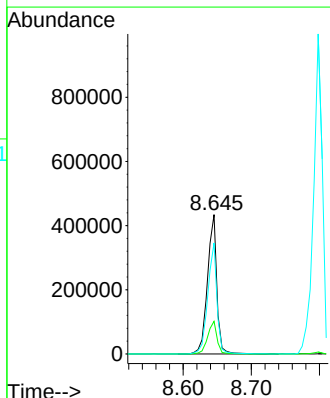
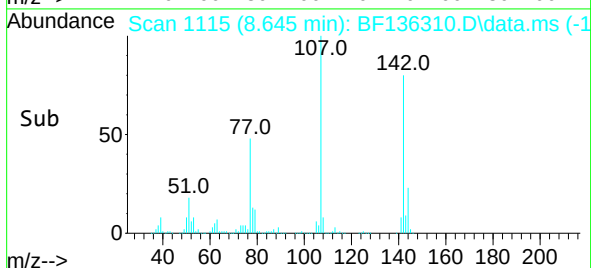
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

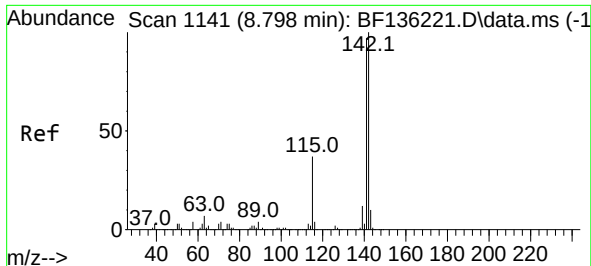


#36
4-Chloro-3-methylphenol
Concen: 40.348 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



Tgt Ion:107 Resp: 415810
Ion Ratio Lower Upper
107 100
144 23.4 17.8 26.8
142 79.7 59.4 89.0





#37

2-Methylnaphthalene

Concen: 38.412 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF136310.D

Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS

Tgt Ion:142 Resp: 887148

Ion Ratio Lower Upper

142 100

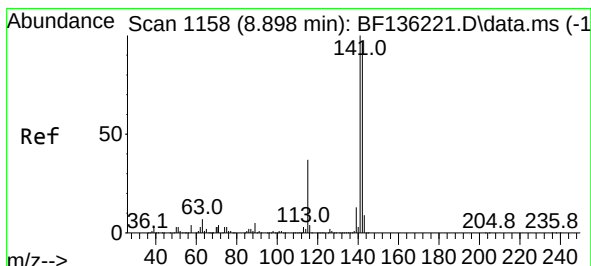
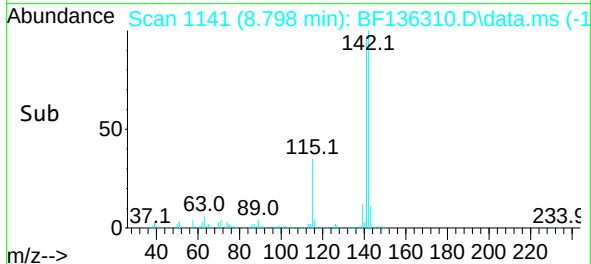
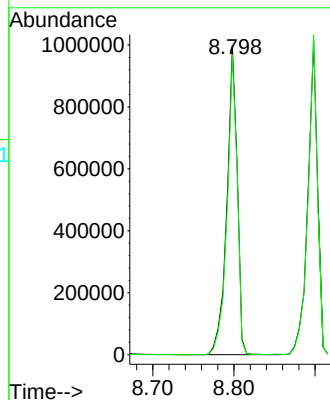
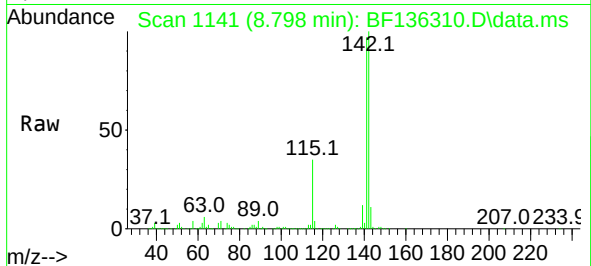
141 97.1 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#38

1-Methylnaphthalene

Concen: 37.808 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF136310.D

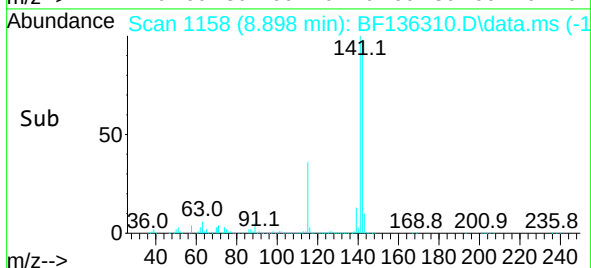
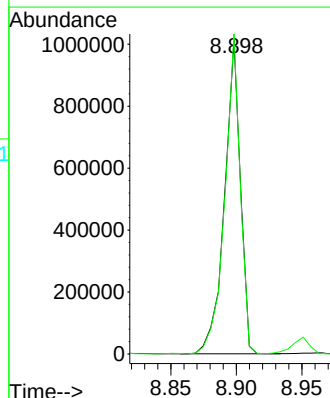
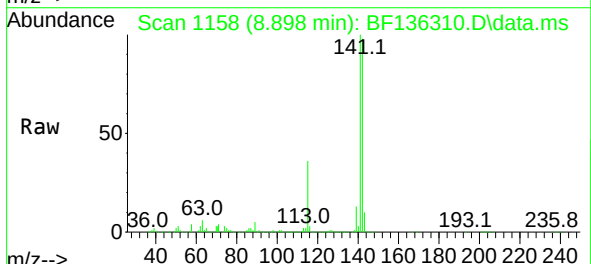
Acq: 30 Nov 2023 13:11

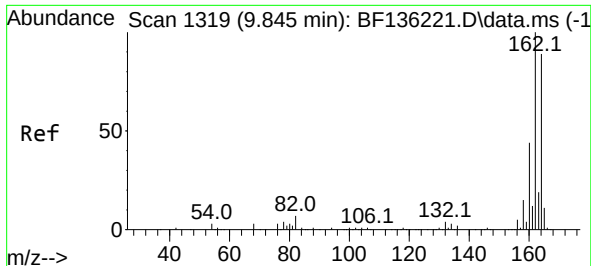
Tgt Ion:142 Resp: 851820

Ion Ratio Lower Upper

142 100

141 101.9 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF136310.D

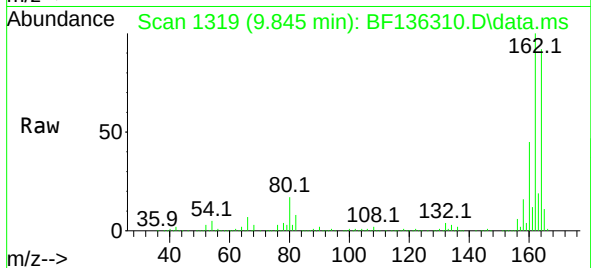
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS



Tgt Ion:164 Resp: 338240

Ion Ratio Lower Upper

164 100

162 108.5 89.5 134.3

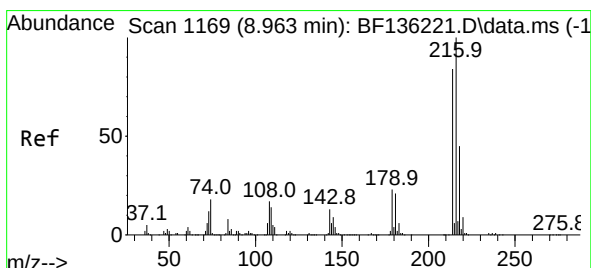
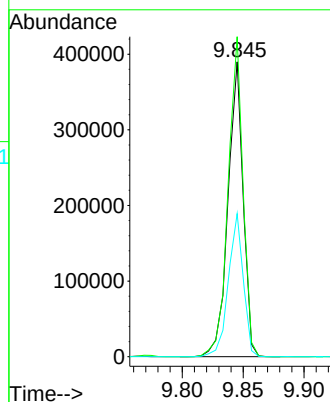
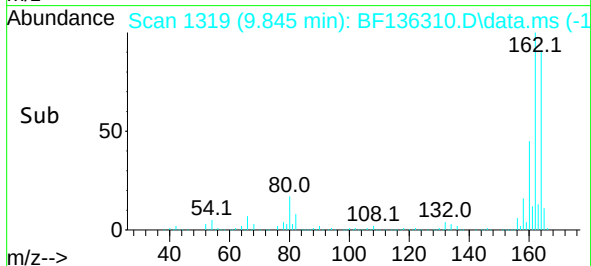
160 48.5 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.998 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF136310.D

Acq: 30 Nov 2023 13:11

Tgt Ion:216 Resp: 419801

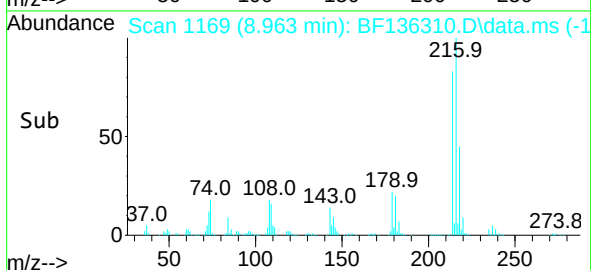
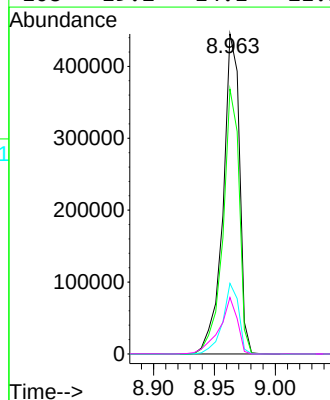
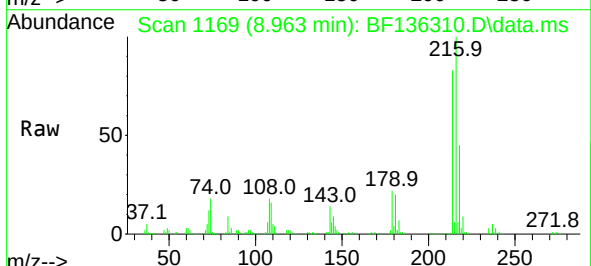
Ion Ratio Lower Upper

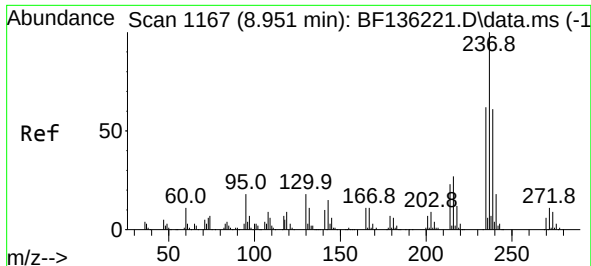
216 100

214 81.2 65.8 98.8

179 21.3 17.4 26.0

108 19.2 14.1 21.1





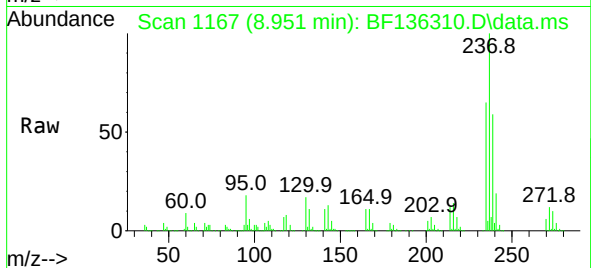
#41
Hexachlorocyclopentadiene
Concen: 103.340 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS

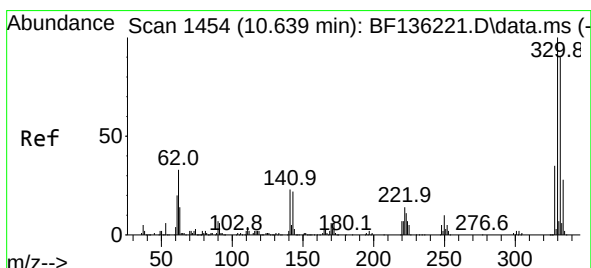
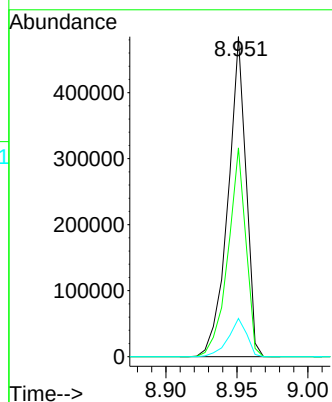
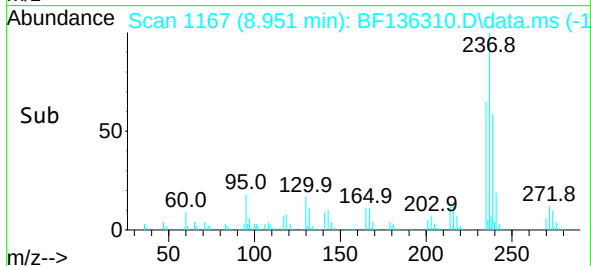


Tgt Ion:237 Resp: 42804
Ion Ratio Lower Upper
237 100
235 65.3 42.1 82.1
272 12.0 0.0 31.0

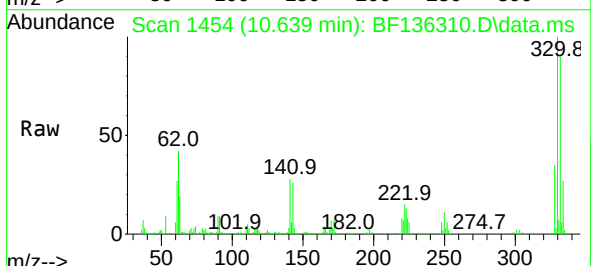
Manual Integrations

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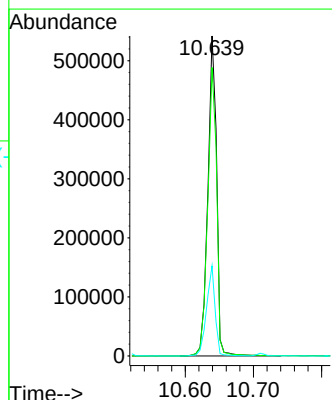
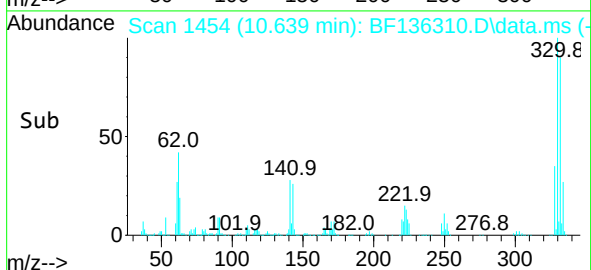
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

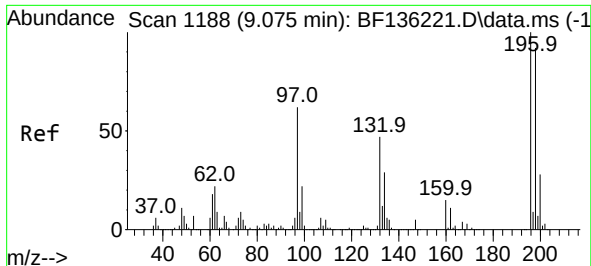


#42
2,4,6-Tribromophenol
Concen: 117.311 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



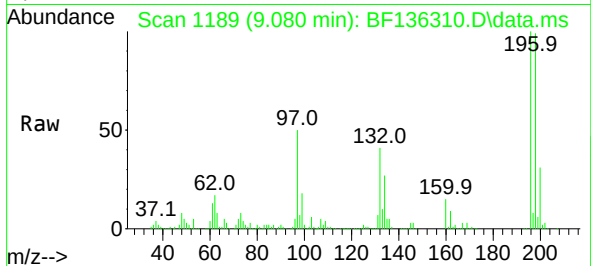
Tgt Ion:330 Resp: 485122
Ion Ratio Lower Upper
330 100
332 92.2 73.0 109.6
141 27.7 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 40.871 ng
RT: 9.080 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

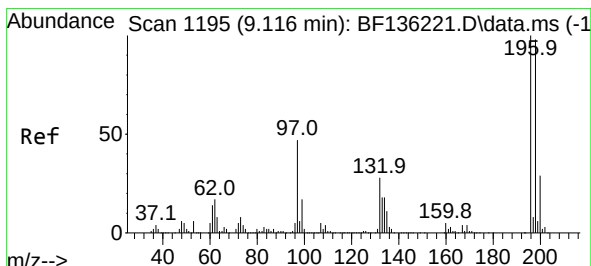
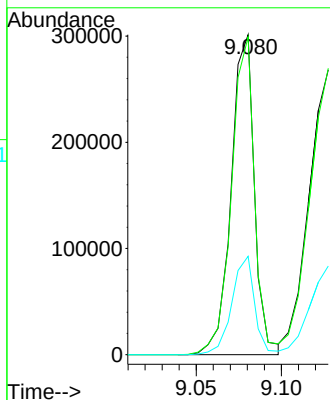
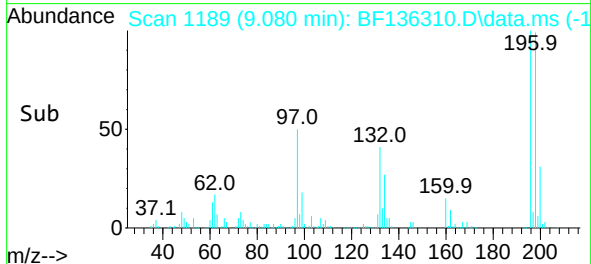
Instrument :
BNA_F
ClientSampleId :
PB157271BS



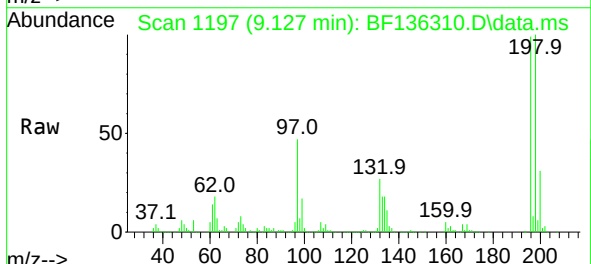
Tgt Ion:196 Resp: 285564
Ion Ratio Lower Upper
196 100
198 99.3 73.2 109.8
200 30.8 22.4 33.6

Manual Integrations
APPROVED

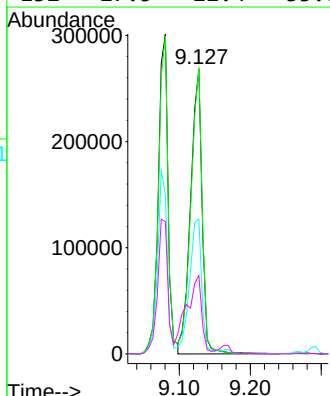
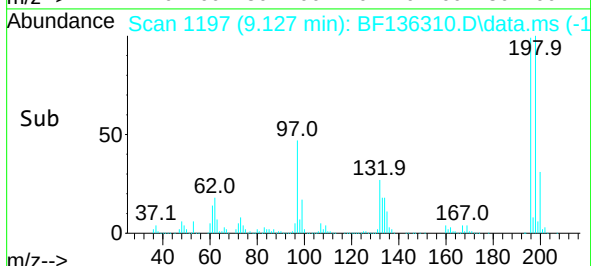
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

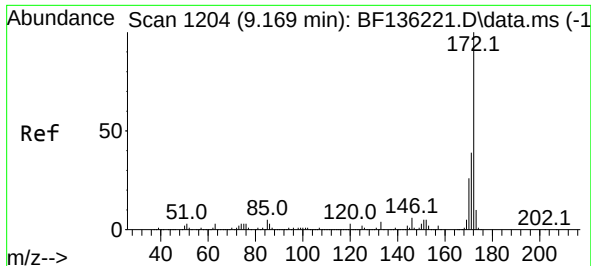


#44
2,4,5-Trichlorophenol
Concen: 39.803 ng
RT: 9.127 min Scan# 1197
Delta R.T. 0.012 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



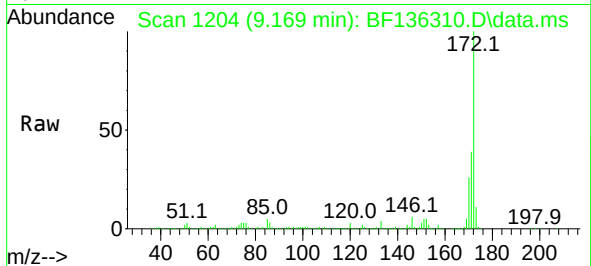
Tgt Ion:196 Resp: 303494
Ion Ratio Lower Upper
196 100
198 100.5 78.8 118.2
97 47.4 37.8 56.8
132 27.5 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 72.373 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

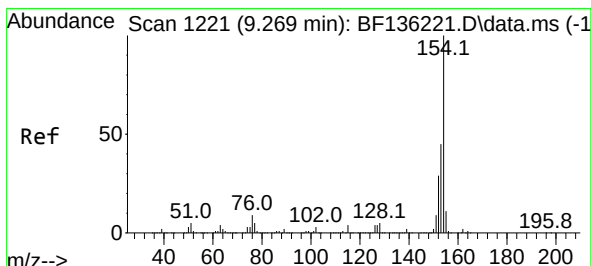
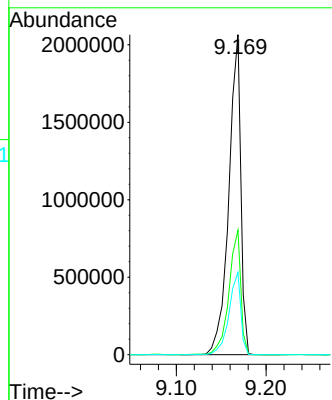
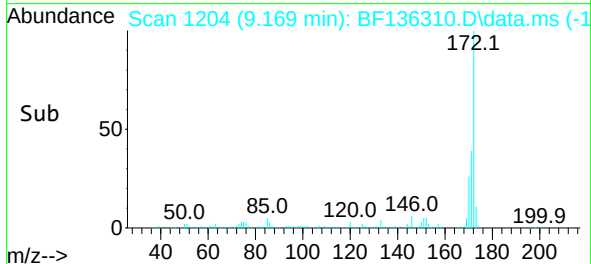
Instrument :
BNA_F
ClientSampleId :
PB157271BS



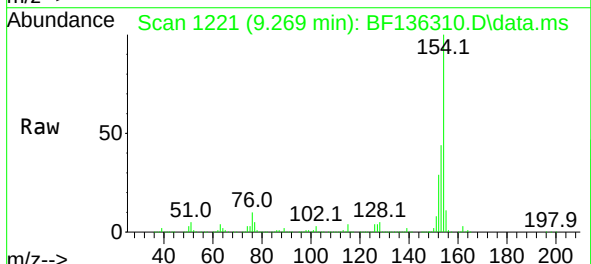
Tgt Ion:172 Resp: 191651
Ion Ratio Lower Upper
172 100
171 38.9 31.5 47.3
170 25.7 20.8 31.2

Manual Integrations
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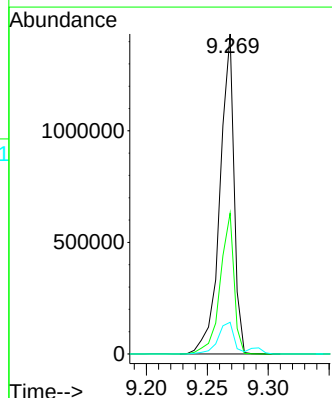
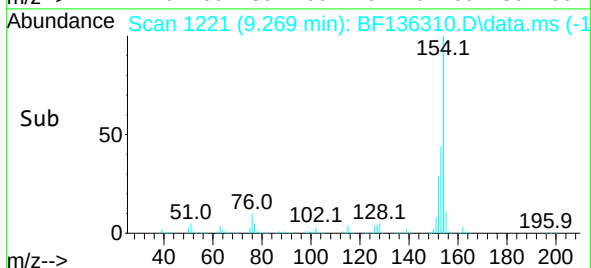
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

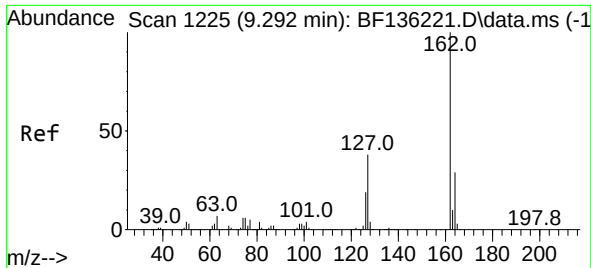


#46
1,1'-Biphenyl
Concen: 38.791 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



Tgt Ion:154 Resp: 1157061
Ion Ratio Lower Upper
154 100
153 44.0 24.6 64.6
76 9.9 0.0 29.4





#47
2-Chloronaphthalene
Concen: 37.949 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

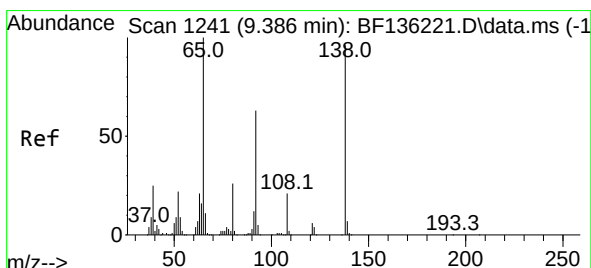
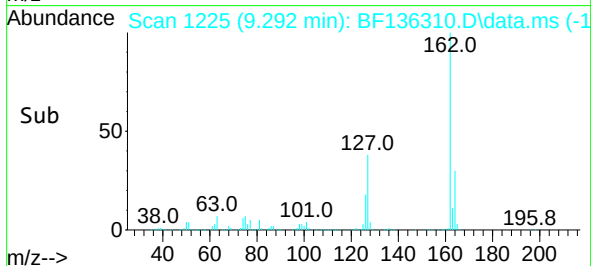
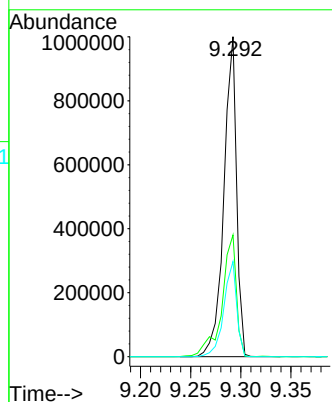
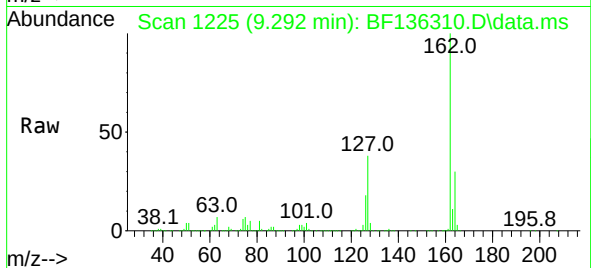
ClientSampleId :

PB157271BS

Tgt Ion:162 Resp: 879058
Ion Ratio Lower Upper
162 100
127 38.0 30.2 45.2
164 29.8 22.8 34.2

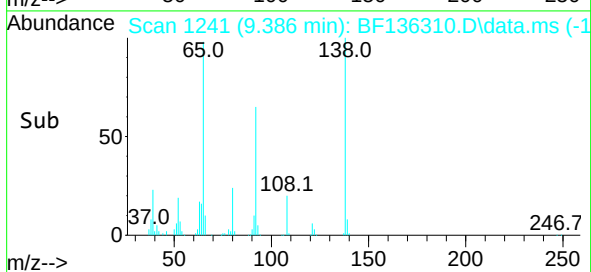
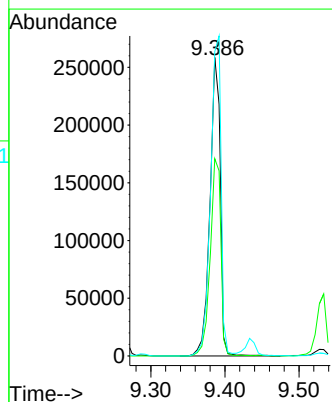
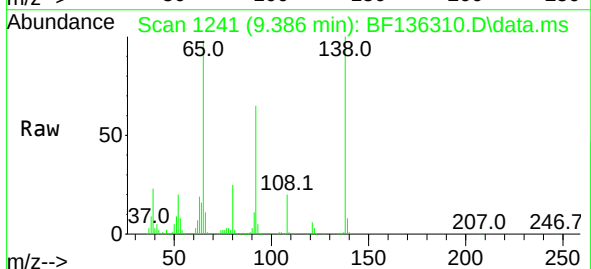
Manual Integrations
APPROVED

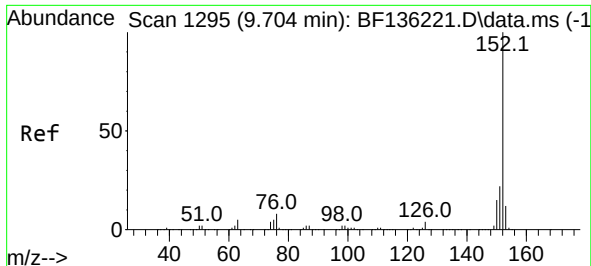
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#48
2-Nitroaniline
Concen: 41.637 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Tgt Ion: 65 Resp: 251811
Ion Ratio Lower Upper
65 100
92 66.1 50.6 75.8
138 102.0 76.7 115.1





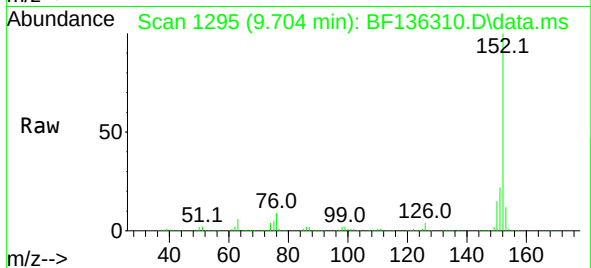
#49
Acenaphthylene
Concen: 41.711 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS



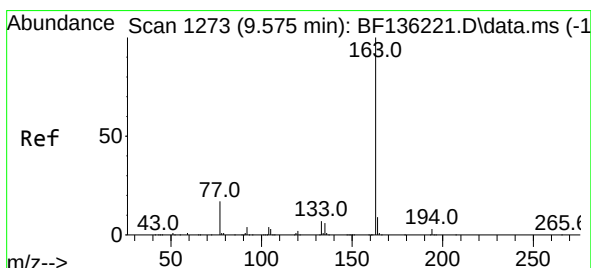
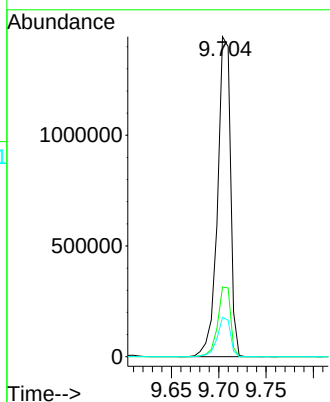
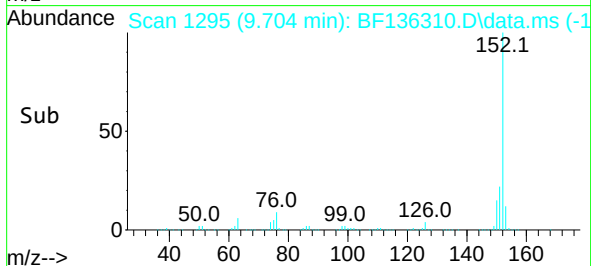
Tgt Ion:152 Resp: 1378840
Ion Ratio Lower Upper
152 100
151 21.7 17.5 26.3
153 12.3 9.6 14.4

Manual Integrations

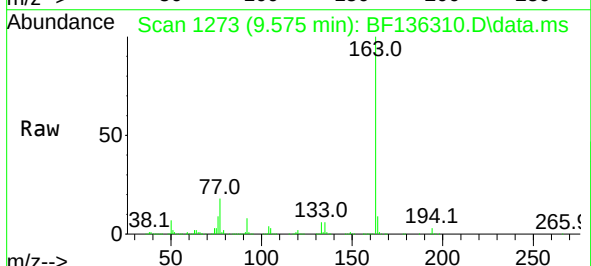
APPROVED

Reviewed By :Yogesh Patel 12/01/2023

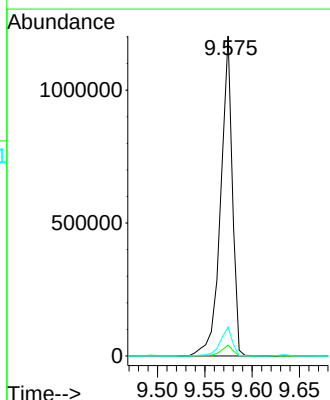
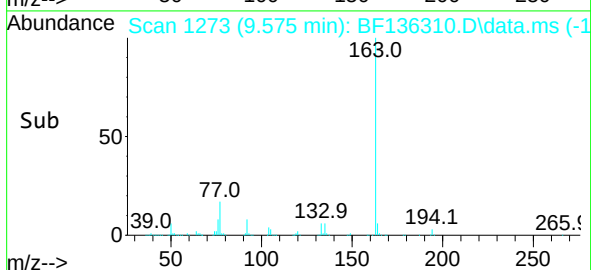
Supervised By :mohammad ahmed 12/01/2023

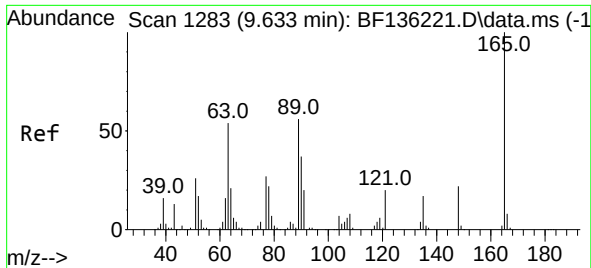


#50
Dimethylphthalate
Concen: 40.440 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



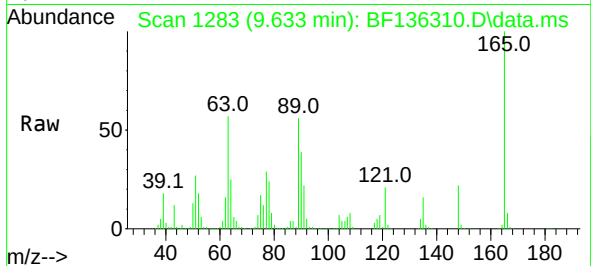
Tgt Ion:163 Resp: 1033870
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 9.0 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 41.495 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

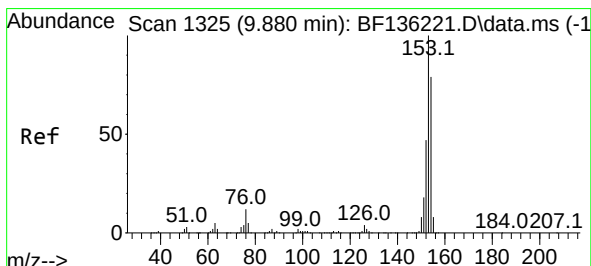
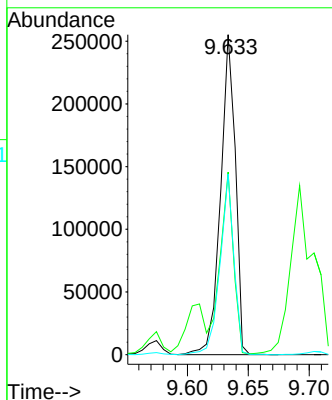
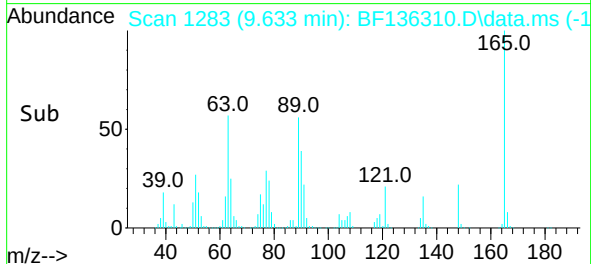
Instrument :
BNA_F
ClientSampleId :
PB157271BS



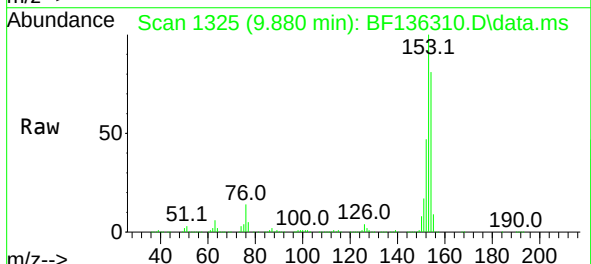
Tgt Ion:165 Resp: 216719
Ion Ratio Lower Upper
165 100
63 57.1 46.2 69.2
89 56.4 44.9 67.3

Manual Integrations
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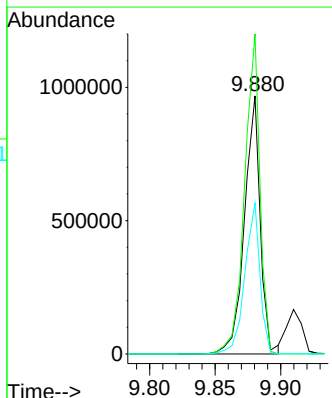
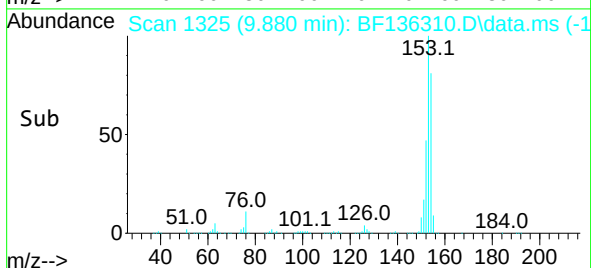
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

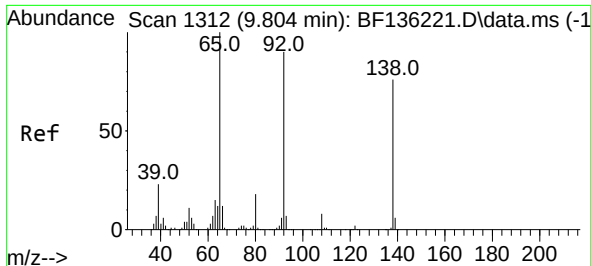


#52
Acenaphthene
Concen: 38.989 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



Tgt Ion:154 Resp: 814489
Ion Ratio Lower Upper
154 100
153 124.0 100.8 151.2
152 58.4 47.0 70.6





#53
3-Nitroaniline
Concen: 32.768 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

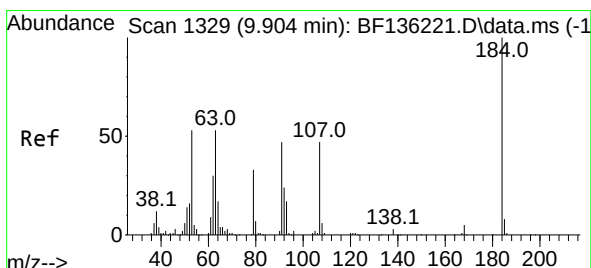
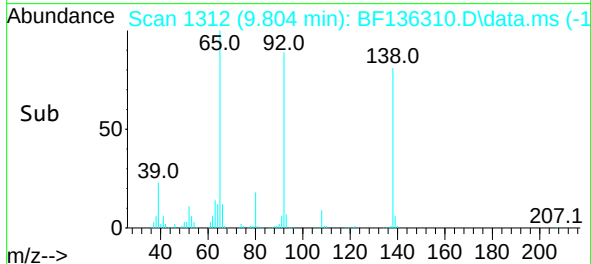
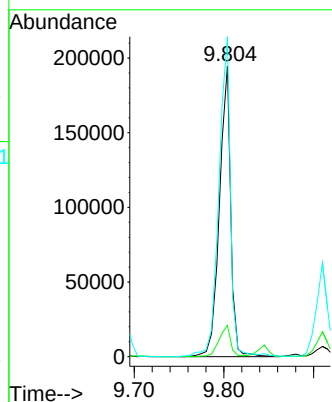
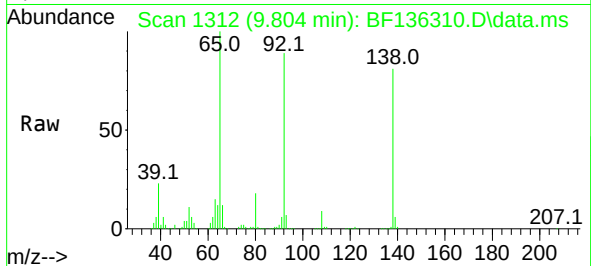
ClientSampleId :

PB157271BS

Tgt Ion:138 Resp: 16981
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 110.1 94.2 141.4

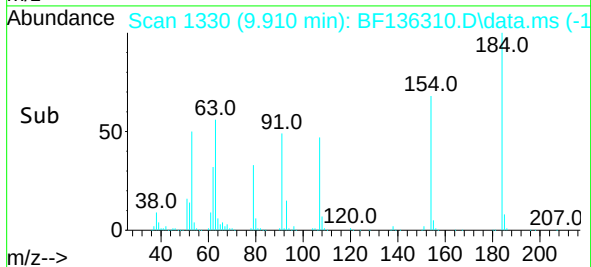
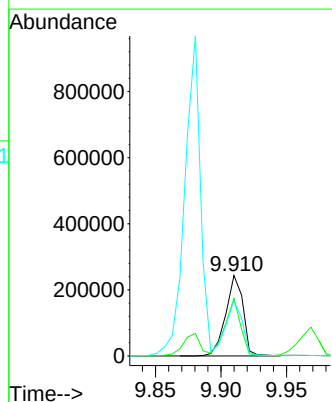
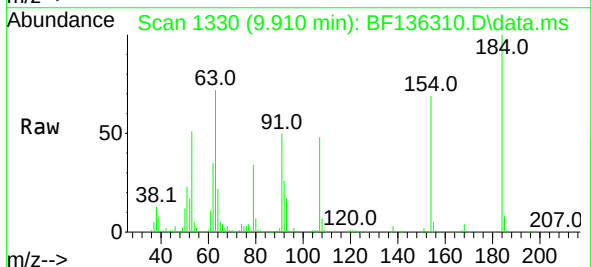
Manual Integrations
APPROVED

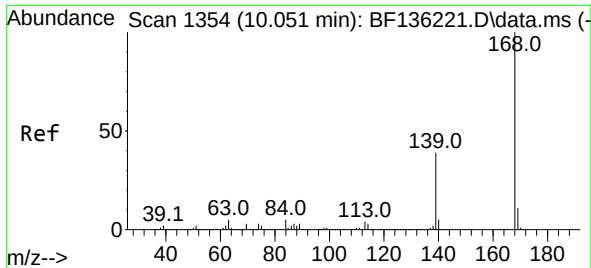
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#54
2,4-Dinitrophenol
Concen: 92.465 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

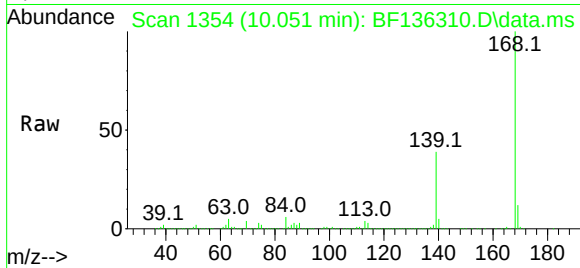
Tgt Ion:184 Resp: 224603
Ion Ratio Lower Upper
184 100
63 71.7 55.0 82.4
154 68.6 54.9 82.3





#55
Dibenzenofuran
Concen: 39.422 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

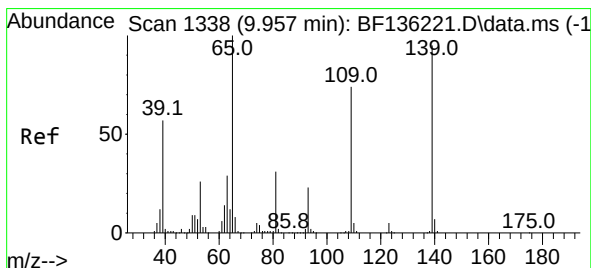
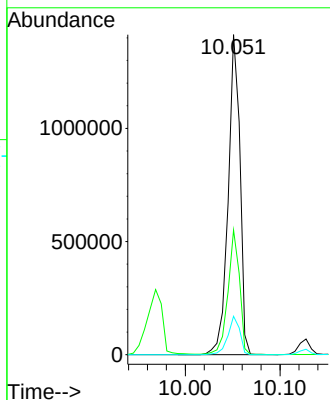
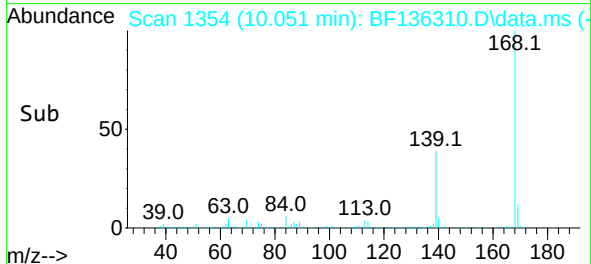
Instrument :
BNA_F
ClientSampleId :
PB157271BS



Tgt Ion:168 Resp: 122543
Ion Ratio Lower Upper
168 100
139 38.9 30.9 46.3
169 12.0 9.1 13.7

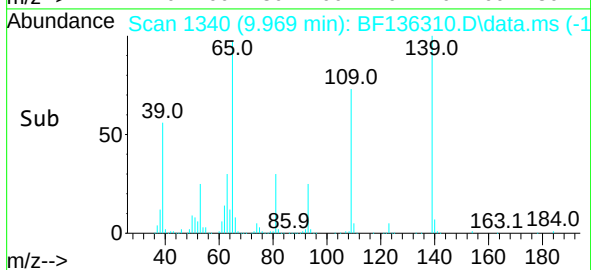
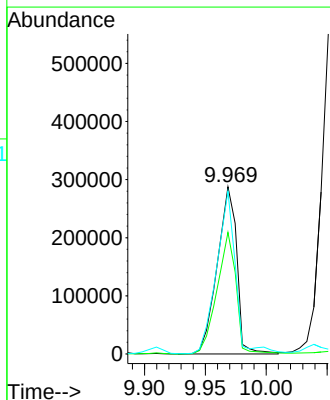
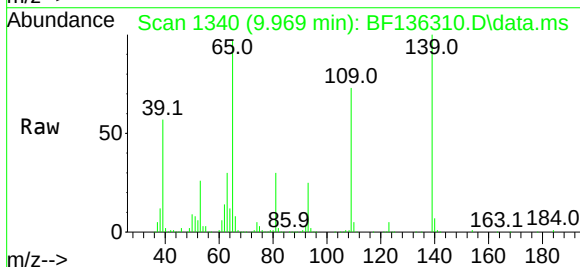
Manual Integrations
APPROVED

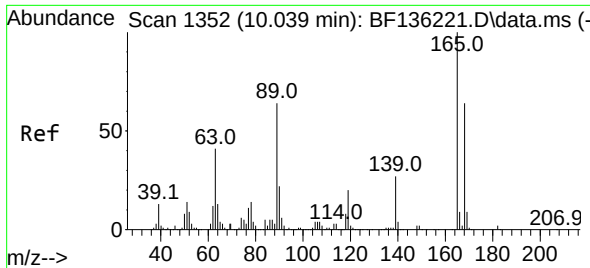
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 81.873 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Tgt Ion:139 Resp: 322245
Ion Ratio Lower Upper
139 100
109 72.7 57.8 97.8
65 97.2 86.0 126.0





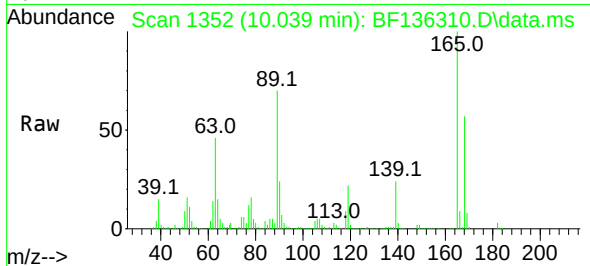
#57
2,4-Dinitrotoluene
Concen: 41.619 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS

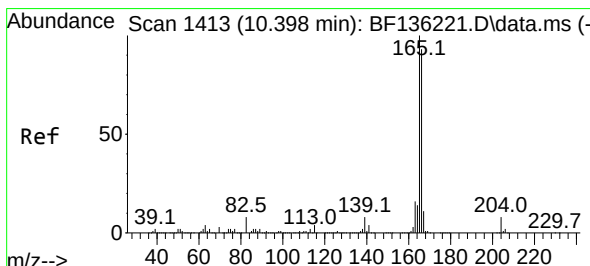
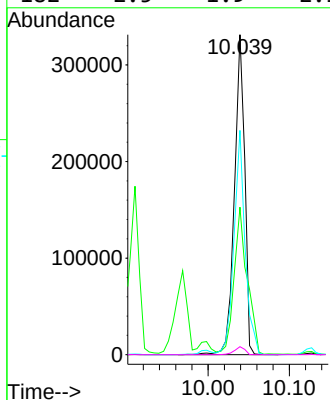
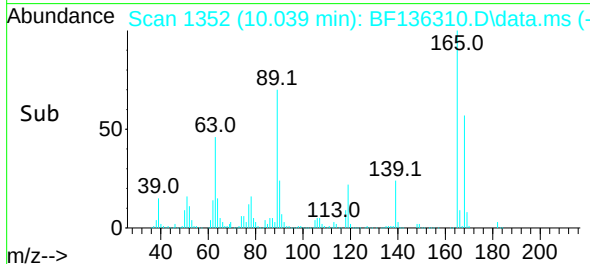


Tgt Ion:165 Resp: 290350
Ion Ratio Lower Upper
165 100
63 46.1 33.0 49.4
89 70.1 51.5 77.3
182 2.5 1.9 2.9

Manual Integrations

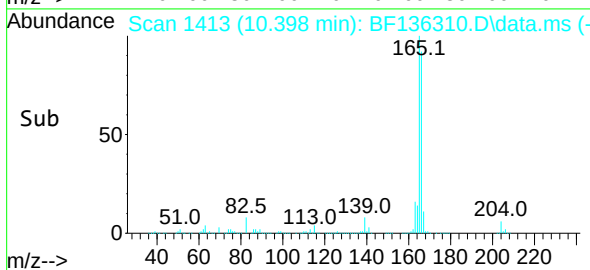
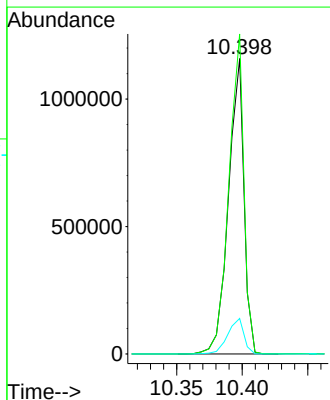
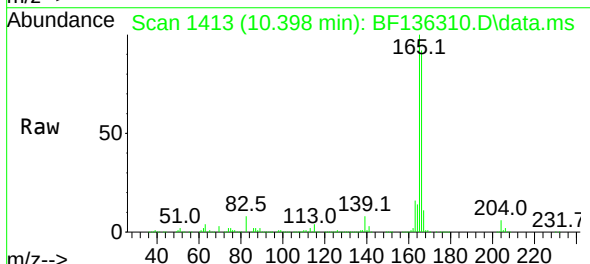
APPROVED

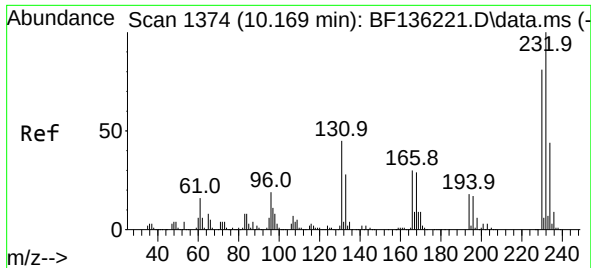
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 39.030 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

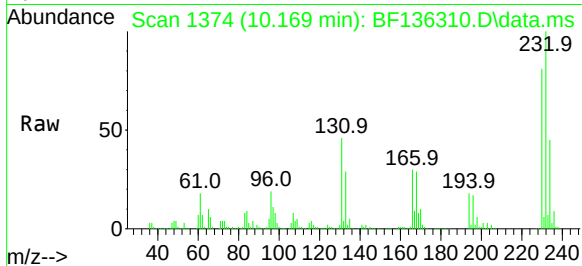
Tgt Ion:166 Resp: 951673
Ion Ratio Lower Upper
166 100
165 108.4 86.2 129.4
167 12.0 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.069 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

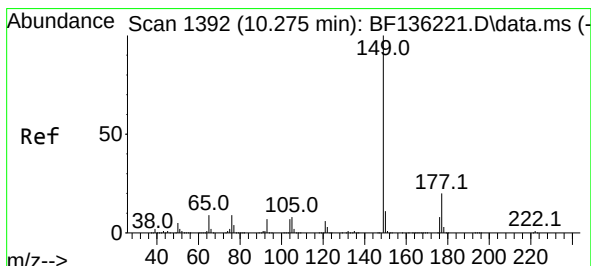
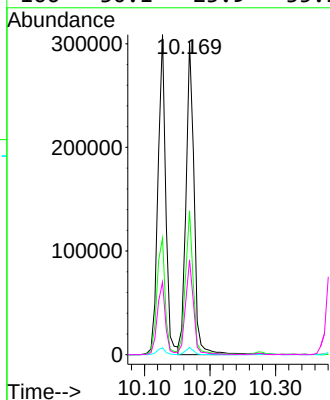
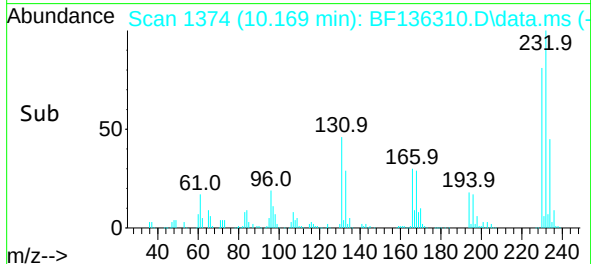
Instrument :
BNA_F
ClientSampleId :
PB157271BS



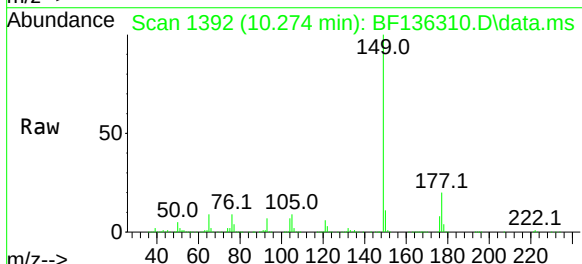
Tgt Ion:232 Resp: 255224
Ion Ratio Lower Upper
232 100
131 44.7 36.4 54.6
130 2.3 1.9 2.9
166 30.1 23.9 35.9

Manual Integrations
APPROVED

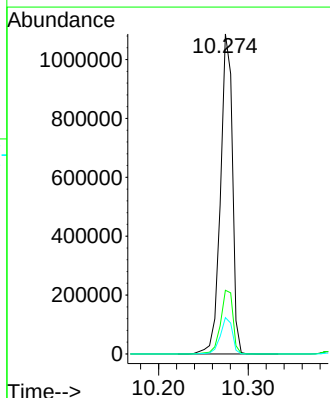
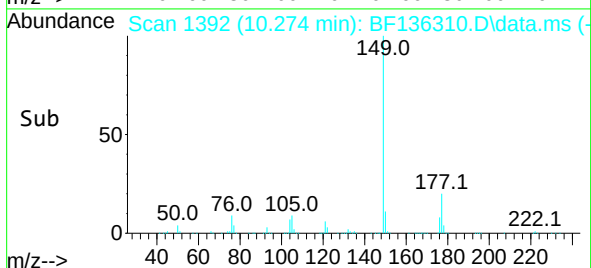
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

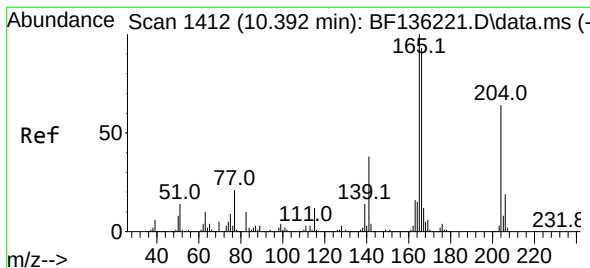


#60
Diethylphthalate
Concen: 39.152 ng
RT: 10.274 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



Tgt Ion:149 Resp: 1001245
Ion Ratio Lower Upper
149 100
177 19.9 15.8 23.6
150 11.4 8.8 13.2





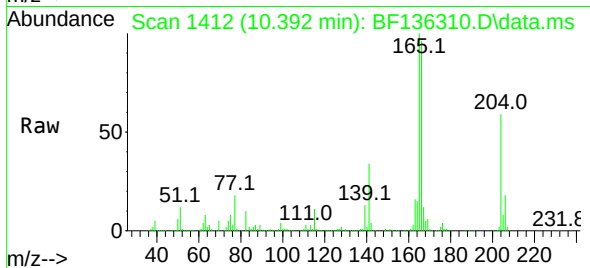
#61
4-Chlorophenyl-phenylether
Concen: 38.199 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS

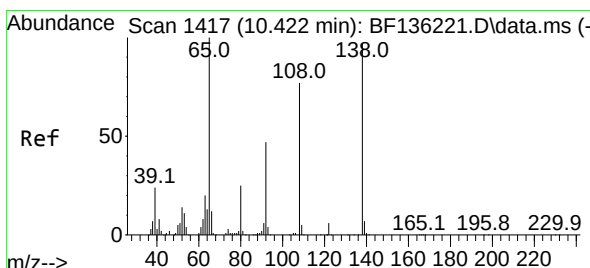
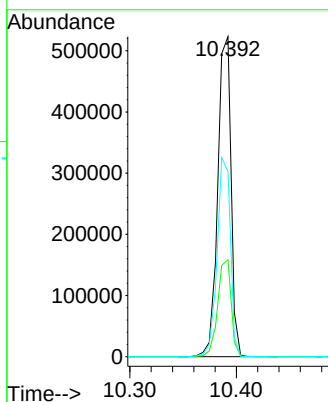
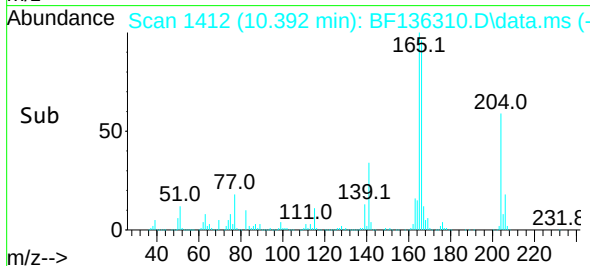


Tgt Ion:204 Resp: 452329
Ion Ratio Lower Upper
204 100
206 30.3 23.4 35.0
141 57.9 47.6 71.4

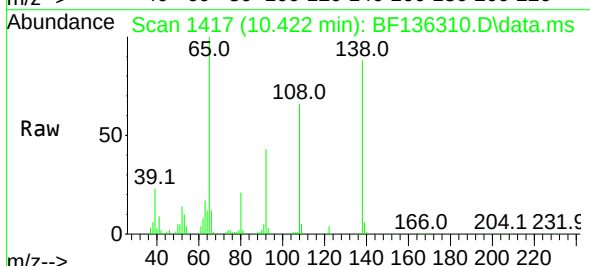
Manual Integrations

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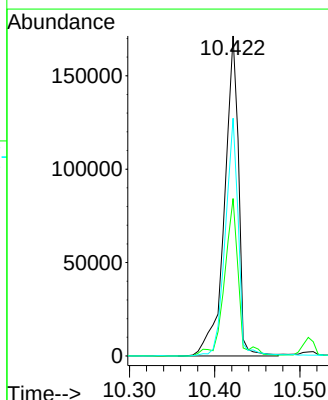
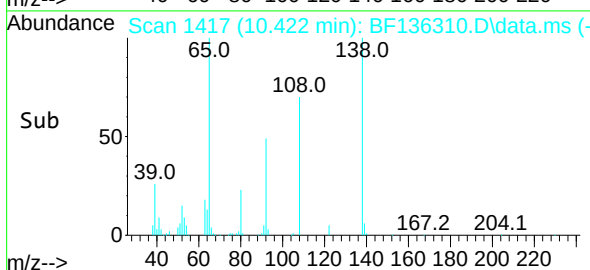
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

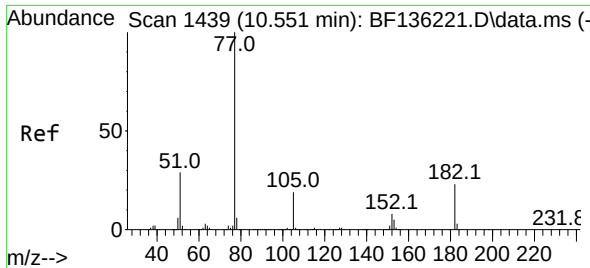


#62
4-Nitroaniline
Concen: 38.718 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



Tgt Ion:138 Resp: 196399
Ion Ratio Lower Upper
138 100
92 49.2 28.5 68.5
108 74.3 59.8 99.8





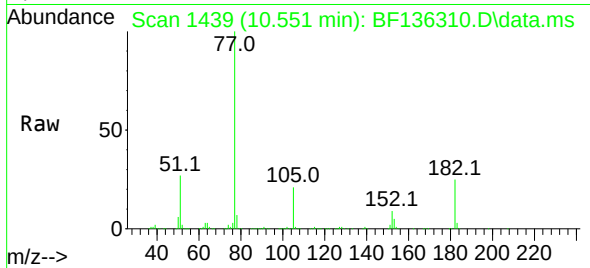
#63
Azobenzene
Concen: 38.743 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS



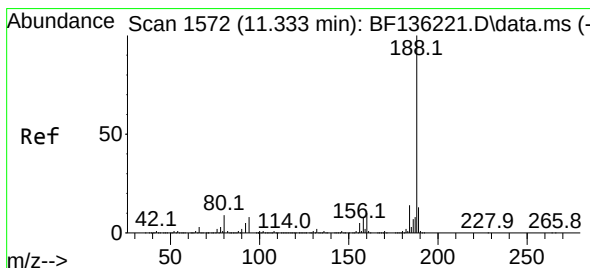
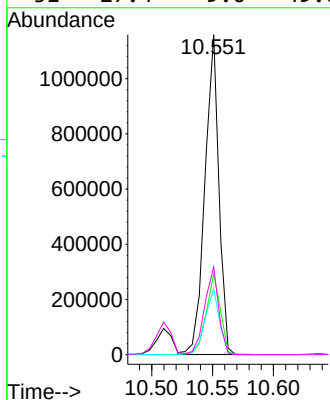
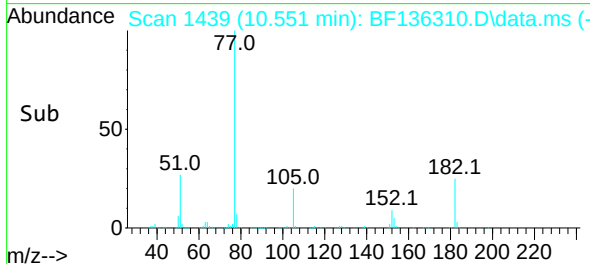
Tgt Ion: 77 Resp: 91853
Ion Ratio Lower Upper
77 100
182 25.3 3.3 43.3
105 20.5 0.0 39.5
51 27.4 9.0 49.0

Manual Integrations

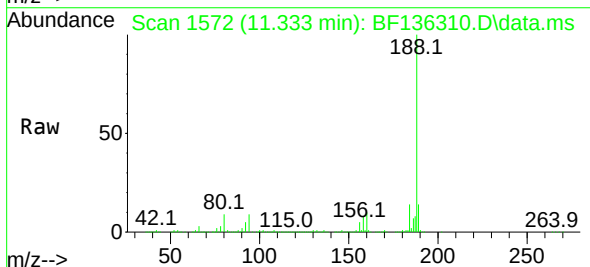
APPROVED

Reviewed By :Yogesh Patel 12/01/2023

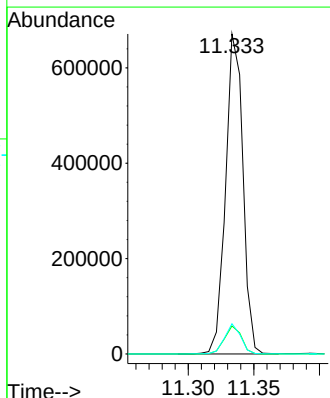
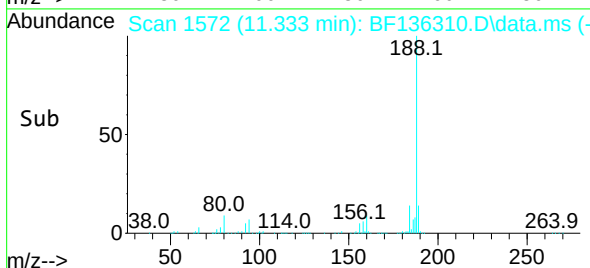
Supervised By :mohammad ahmed 12/01/2023

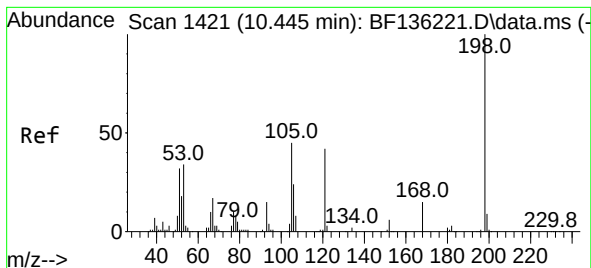


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



Tgt Ion:188 Resp: 615631
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.5 7.2 10.8





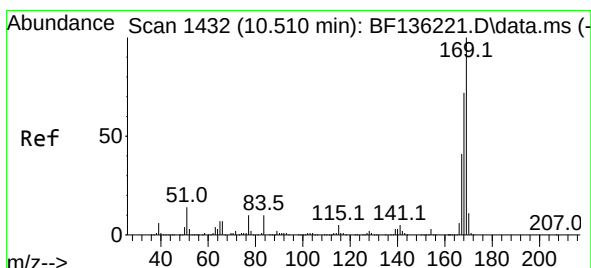
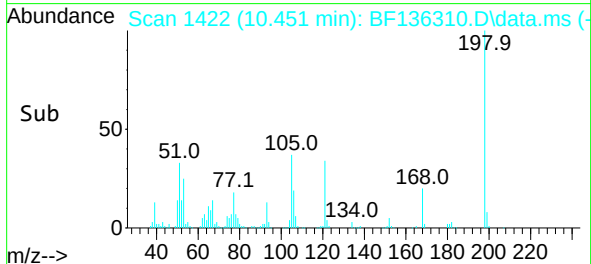
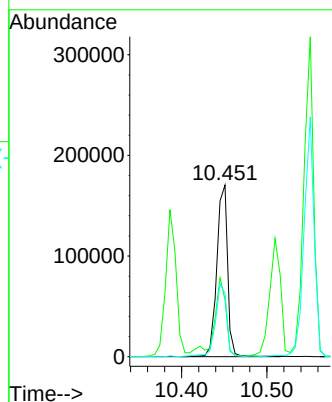
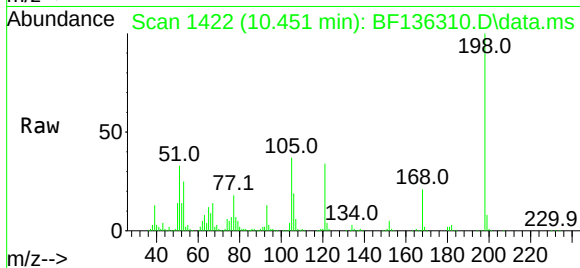
#65
4,6-Dinitro-2-methylphenol
Concen: 44.927 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :
BNA_F
ClientSampleId :
PB157271BS

Tgt Ion:198 Resp: 151249
Ion Ratio Lower Upper
198 100
51 33.2 28.2 68.2
105 37.0 25.7 65.7

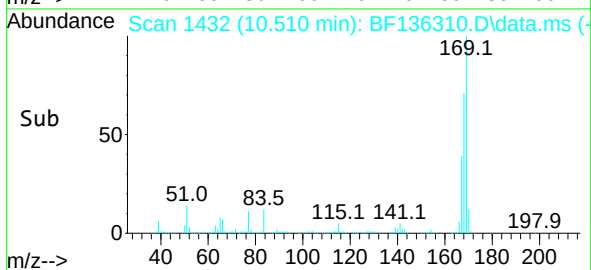
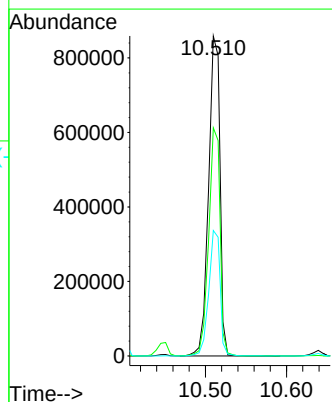
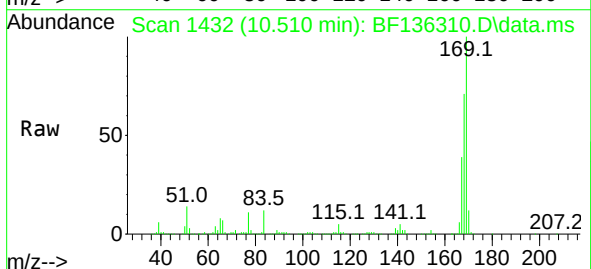
Manual Integrations
APPROVED

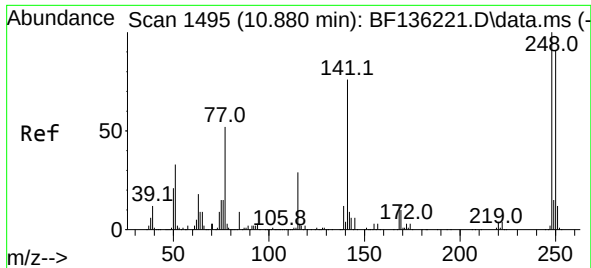
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 42.214 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

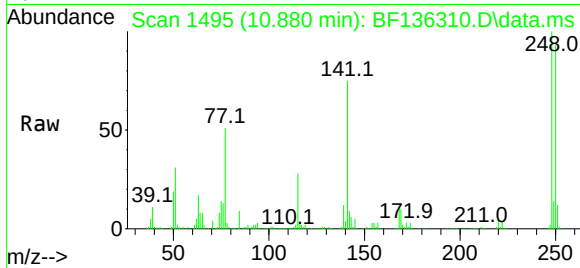
Tgt Ion:169 Resp: 832822
Ion Ratio Lower Upper
169 100
168 71.3 57.8 86.6
167 39.2 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 40.784 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

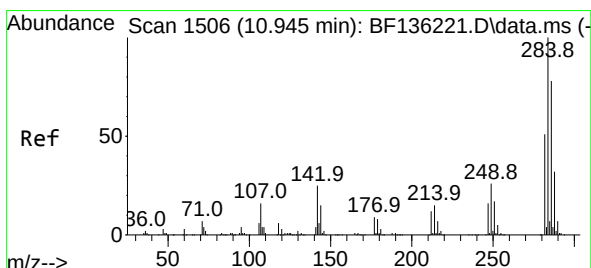
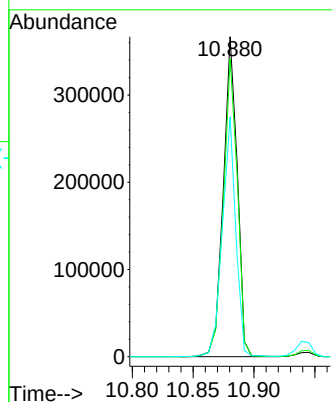
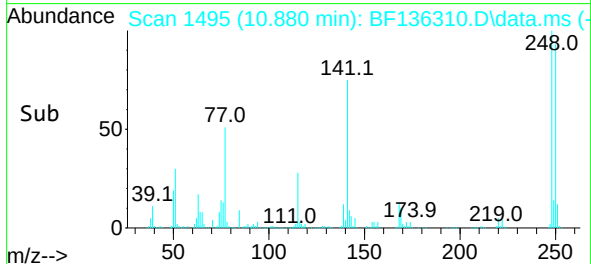
Instrument :
BNA_F
ClientSampleId :
PB157271BS



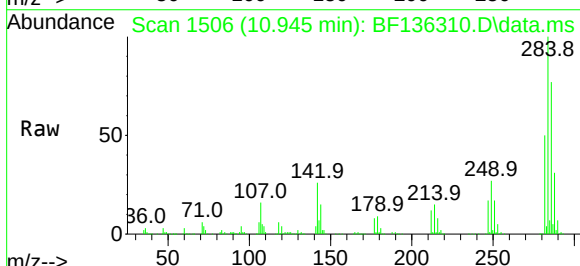
Tgt Ion:248 Resp: 292924
Ion Ratio Lower Upper
248 100
250 93.1 72.5 108.7
141 74.9 60.8 91.2

Manual Integrations
APPROVED

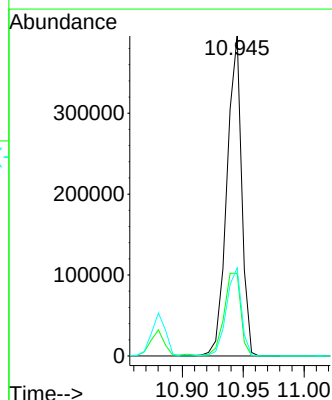
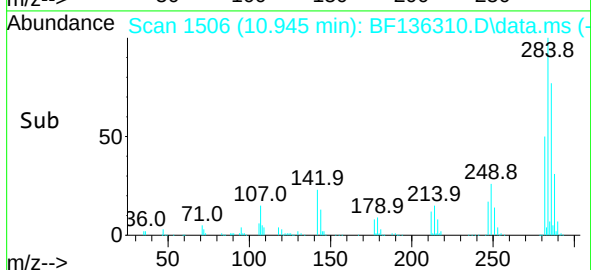
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

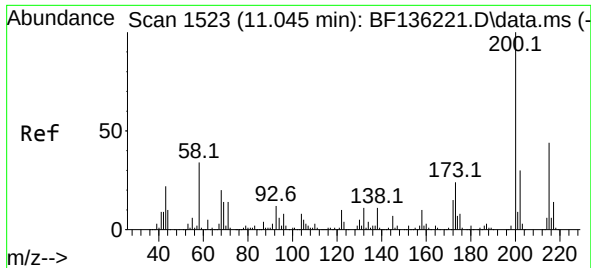


#68
Hexachlorobenzene
Concen: 40.045 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



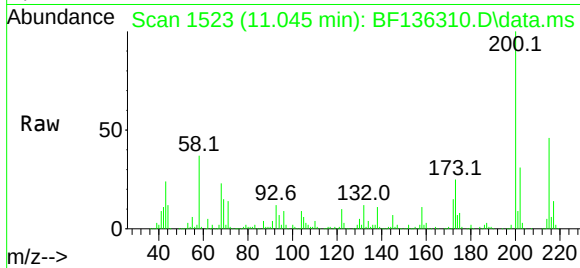
Tgt Ion:284 Resp: 332873
Ion Ratio Lower Upper
284 100
142 25.9 19.8 29.8
249 27.5 21.0 31.4





#69
Atrazine
Concen: 40.893 ng
RT: 11.045 min Scan# 1523
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

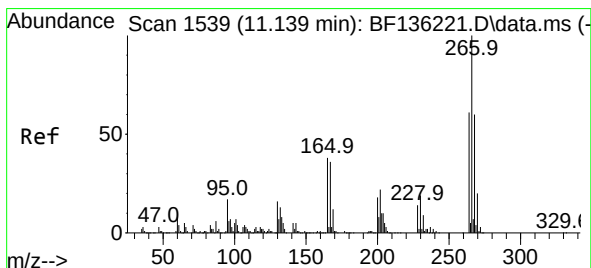
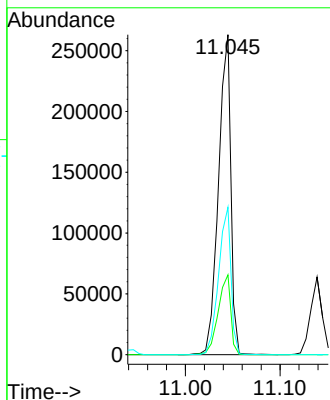
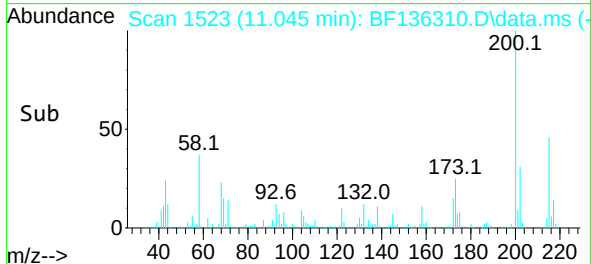
Instrument :
BNA_F
ClientSampleId :
PB157271BS



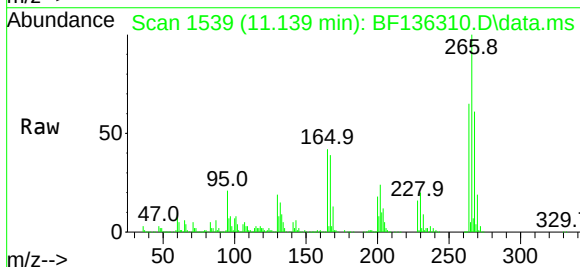
Tgt Ion:200 Resp: 23932
Ion Ratio Lower Upper
200 100
173 24.9 4.3 44.3
215 46.0 23.8 63.8

Manual Integrations
APPROVED

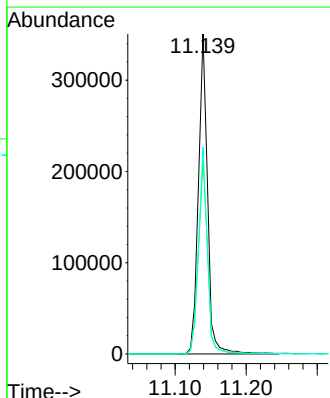
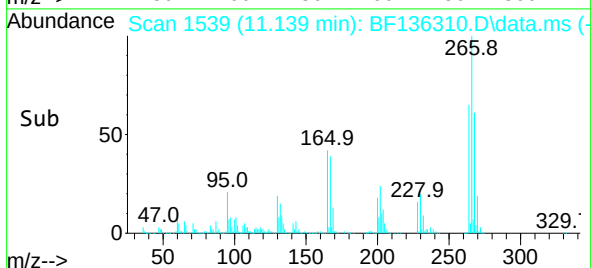
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

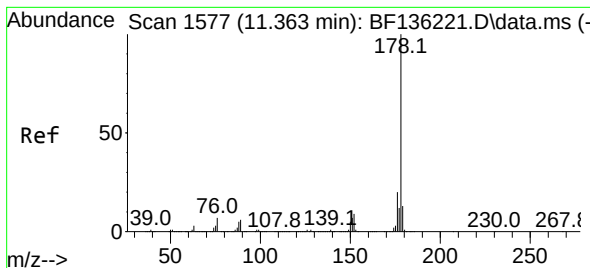


#70
Pentachlorophenol
Concen: 66.997 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



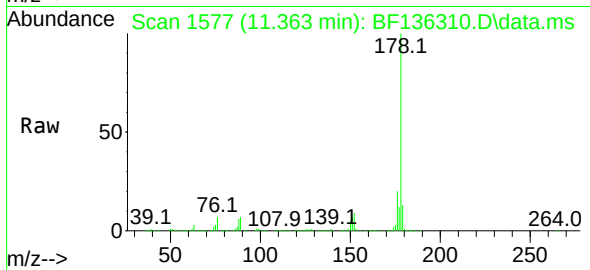
Tgt Ion:266 Resp: 314801
Ion Ratio Lower Upper
266 100
268 60.9 47.9 71.9
264 64.7 49.1 73.7





#71
Phenanthrene
Concen: 41.315 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

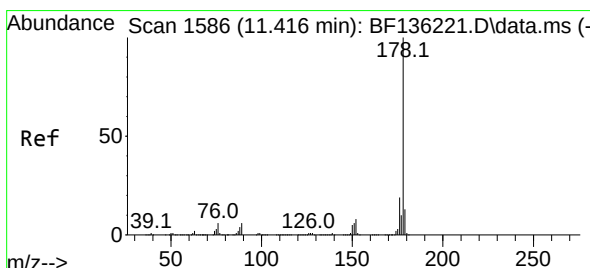
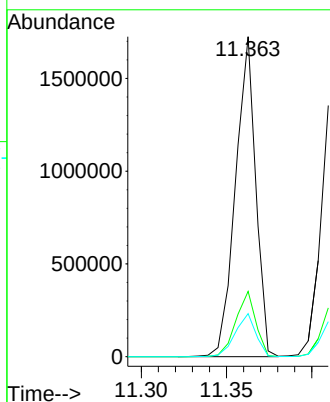
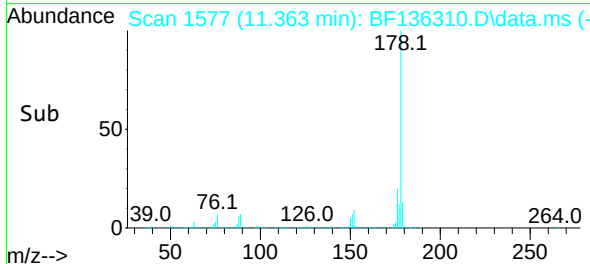
Instrument :
BNA_F
ClientSampleId :
PB157271BS



Tgt Ion:178 Resp: 1429564
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 13.5 10.3 15.5

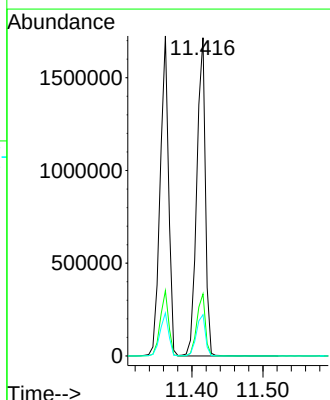
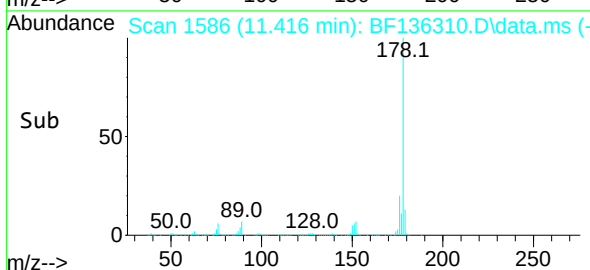
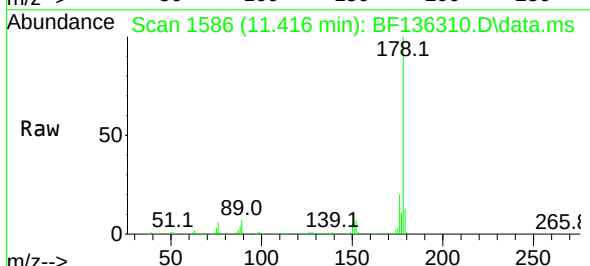
Manual Integrations
APPROVED

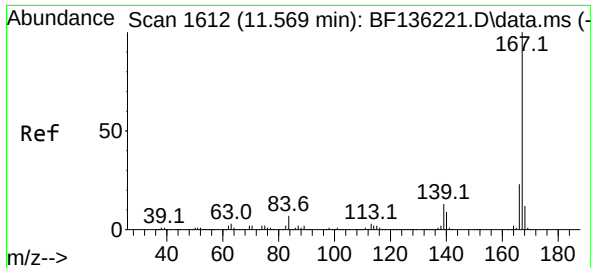
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 41.587 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

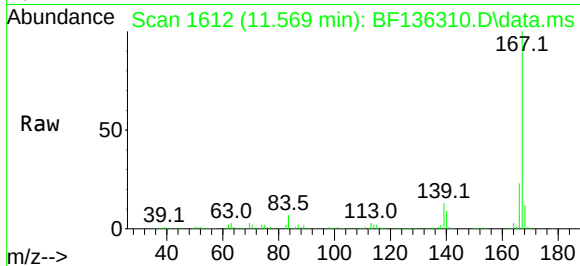
Tgt Ion:178 Resp: 1443038
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 13.0 10.5 15.7





#73
 Carbazole
 Concen: 38.921 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF136310.D
 Acq: 30 Nov 2023 13:11

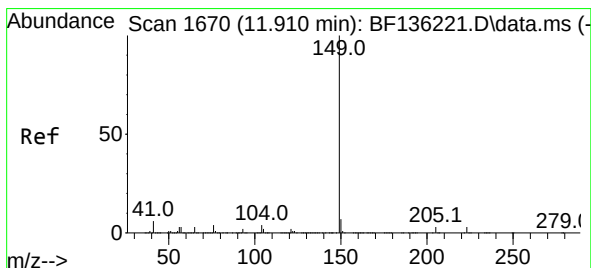
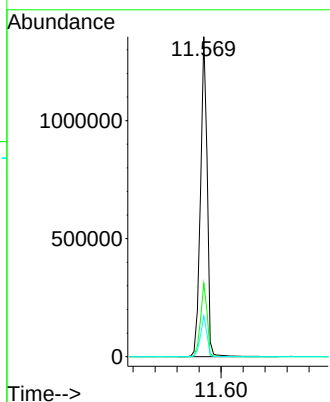
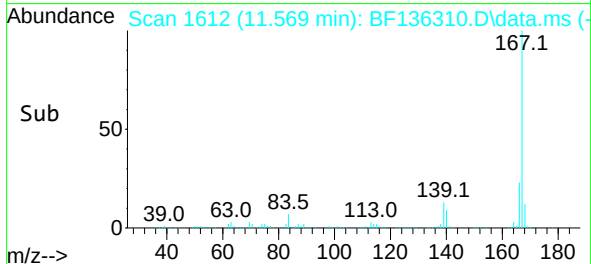
Instrument :
 BNA_F
 ClientSampleId :
 PB157271BS



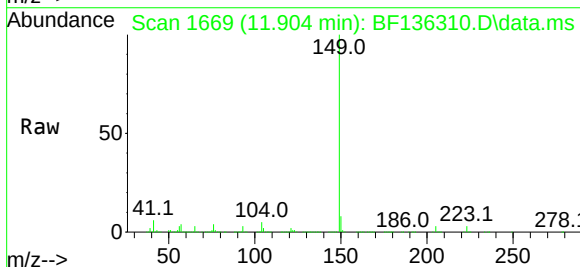
Tgt Ion:167 Resp: 1148615
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 12.8 10.5 15.7

Manual Integrations
 APPROVED

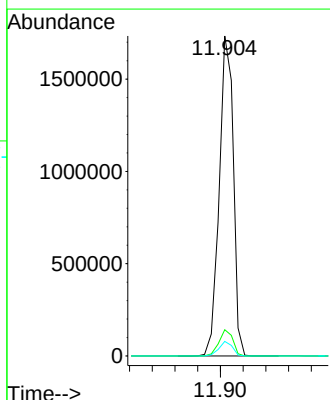
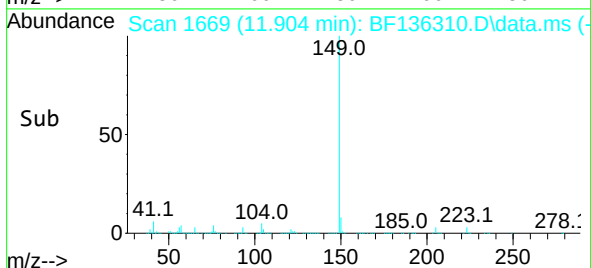
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

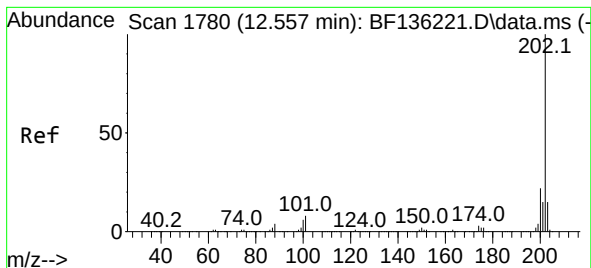


#74
 Di-n-butylphthalate
 Concen: 40.530 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136310.D
 Acq: 30 Nov 2023 13:11



Tgt Ion:149 Resp: 1496588
 Ion Ratio Lower Upper
 149 100
 150 8.2 6.0 9.0
 104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 37.015 ng

RT: 12.551 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136310.D

Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS

Tgt Ion:202 Resp: 130019

Ion Ratio Lower Upper

202 100

101 10.3 0.0 27.8

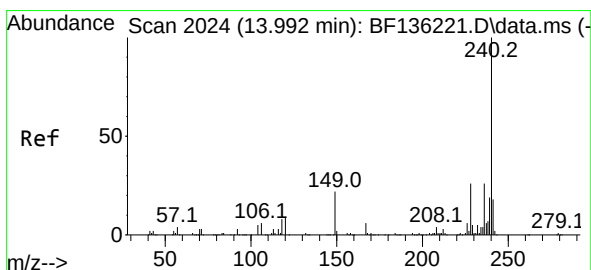
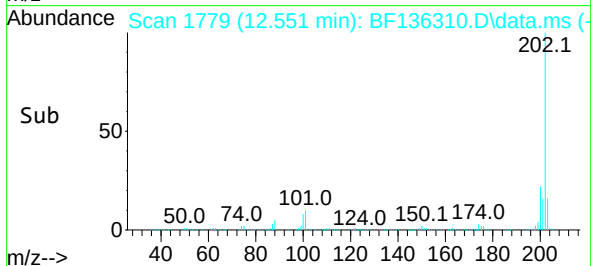
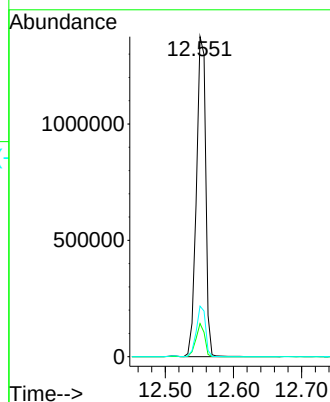
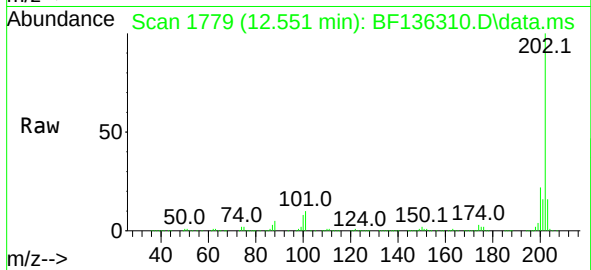
203 15.8 0.0 34.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136310.D

Acq: 30 Nov 2023 13:11

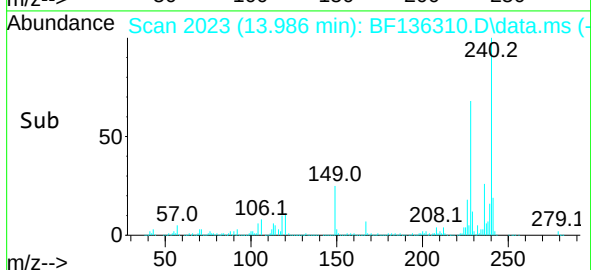
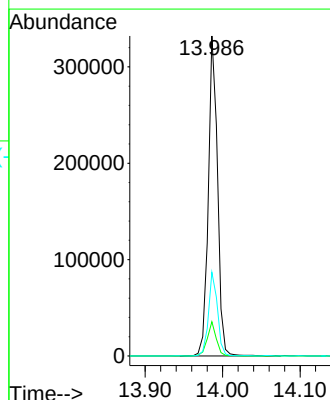
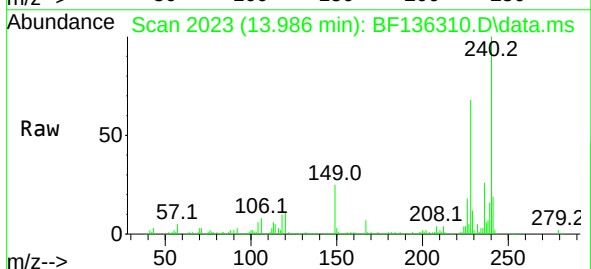
Tgt Ion:240 Resp: 274215

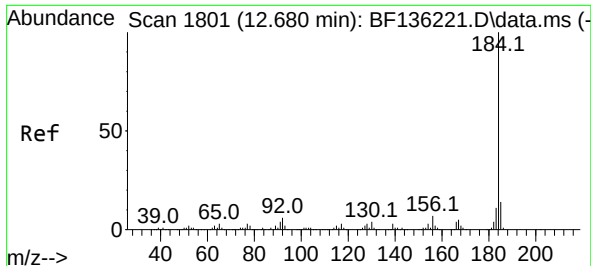
Ion Ratio Lower Upper

240 100

120 10.7 7.4 11.2

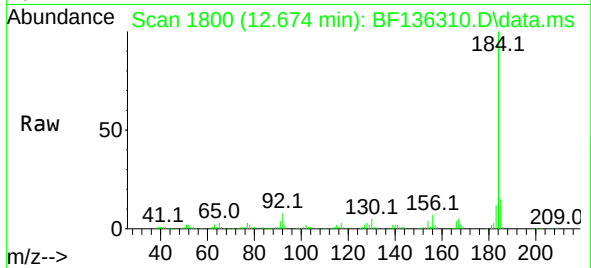
236 26.2 21.1 31.7





#77
Benzidine
Concen: 24.059 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

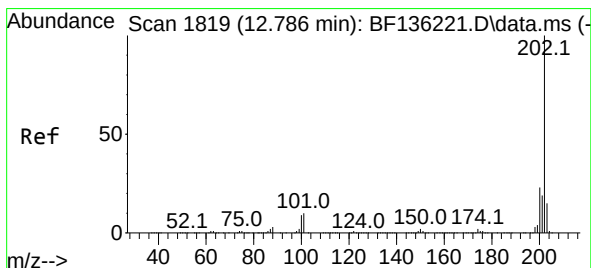
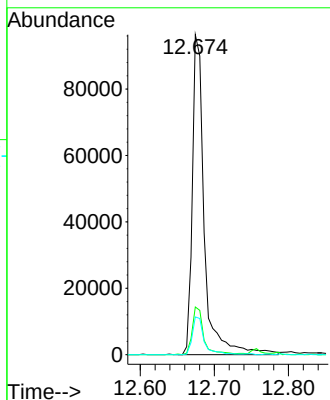
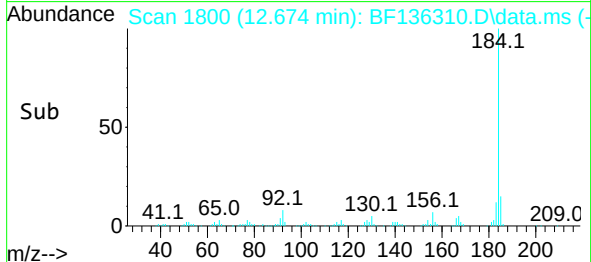
Instrument :
BNA_F
ClientSampleId :
PB157271BS



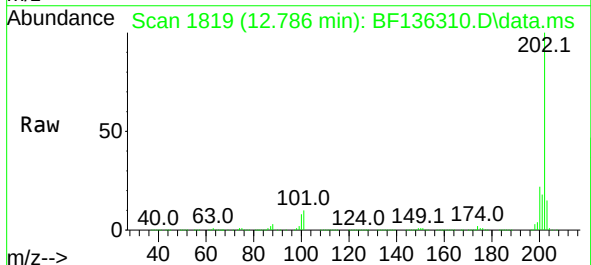
Tgt Ion:184 Resp: 108448
Ion Ratio Lower Upper
184 100
185 14.9 11.0 16.6
183 11.8 9.0 13.4

Manual Integrations
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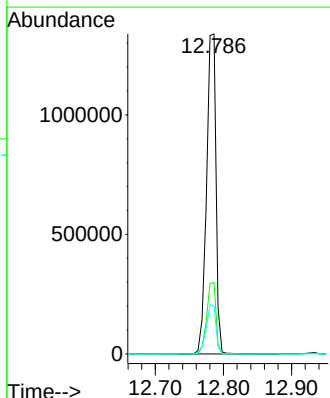
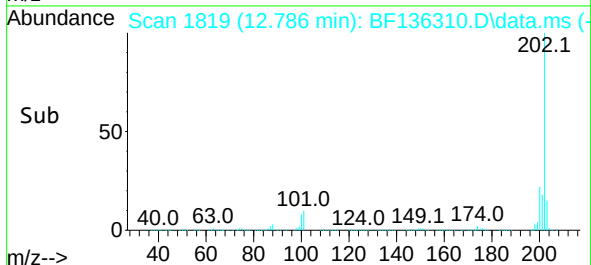
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

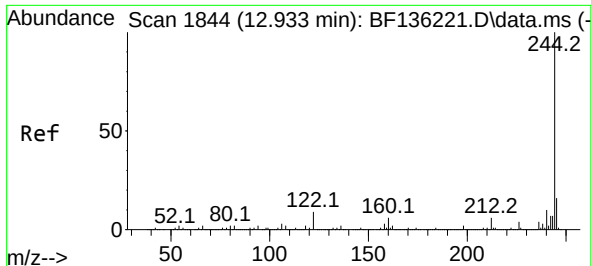


#78
Pyrene
Concen: 42.925 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



Tgt Ion:202 Resp: 1289090
Ion Ratio Lower Upper
202 100
200 22.4 18.4 27.6
203 14.9 11.8 17.6





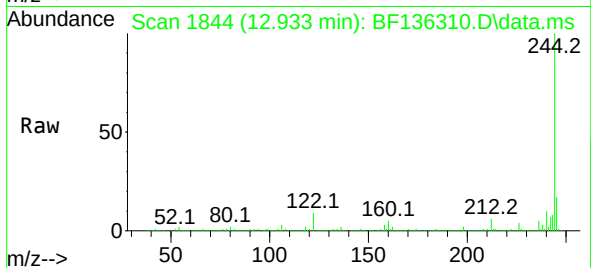
#79
 Terphenyl-d14
 Concen: 80.310 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF136310.D
 Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS

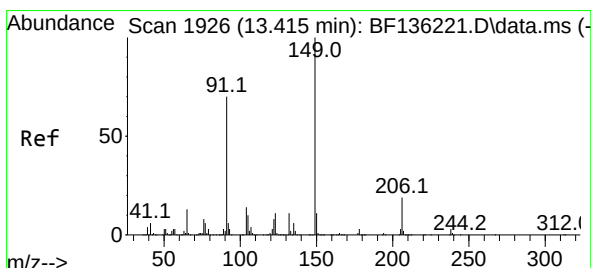
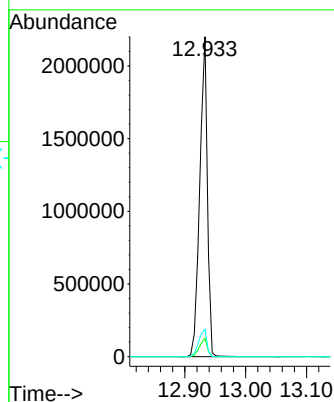
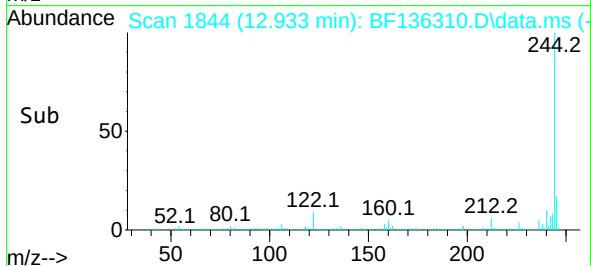


Tgt Ion:244 Resp: 1909170
 Ion Ratio Lower Upper
 244 100
 212 5.7 4.6 7.0
 122 8.6 7.3 10.9

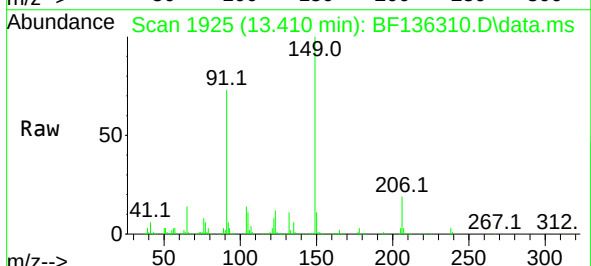
Manual Integrations

APPROVED

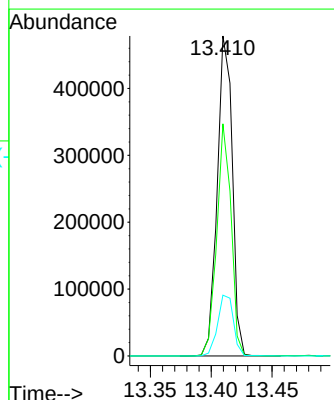
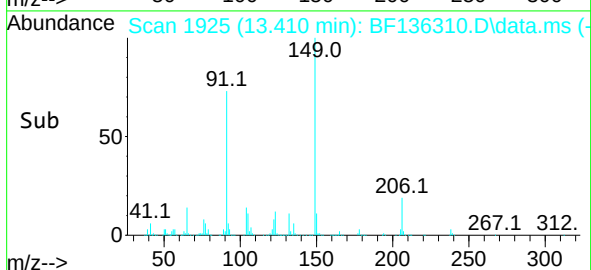
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

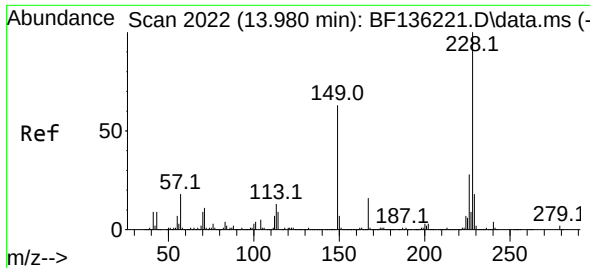


#80
 Butylbenzylphthalate
 Concen: 44.216 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136310.D
 Acq: 30 Nov 2023 13:11



Tgt Ion:149 Resp: 413265
 Ion Ratio Lower Upper
 149 100
 91 72.6 56.4 84.6
 206 19.0 14.8 22.2





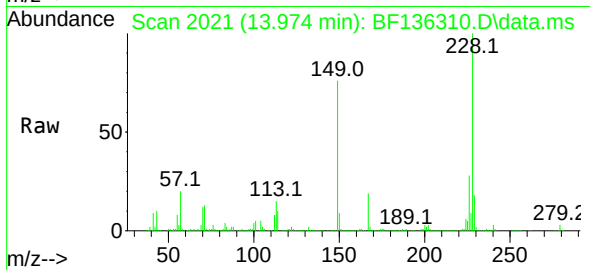
#81
Benzo(a)anthracene
Concen: 40.380 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS

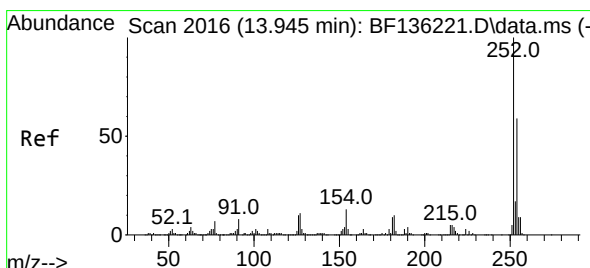
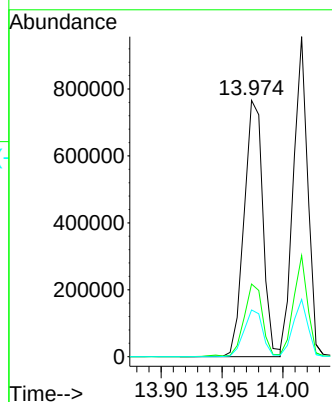
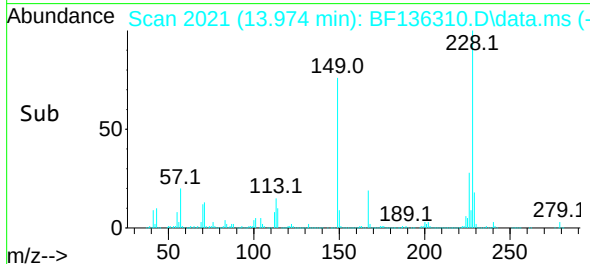


Tgt Ion:228 Resp: 822462
Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 18.2 14.0 21.0

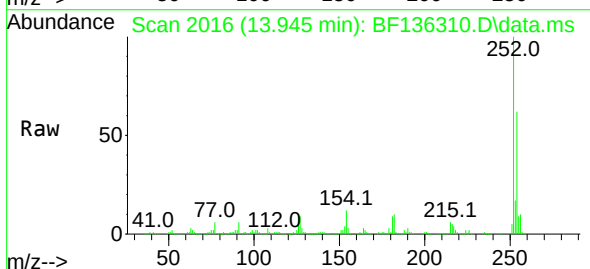
Manual Integrations

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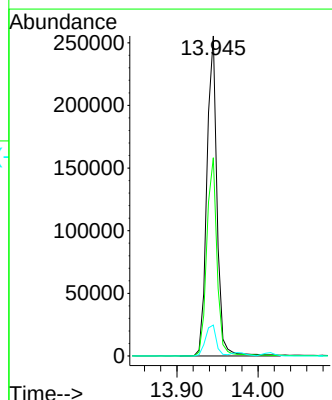
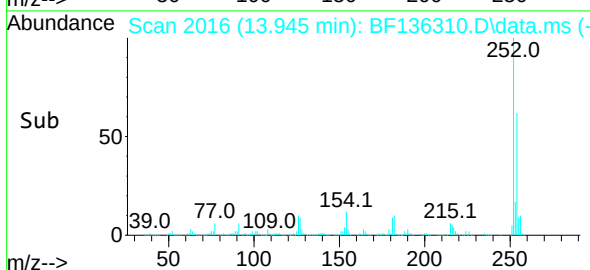
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

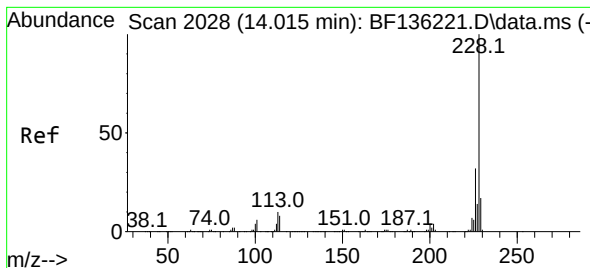


#82
3,3'-Dichlorobenzidine
Concen: 44.964 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



Tgt Ion:252 Resp: 220450
Ion Ratio Lower Upper
252 100
254 62.0 47.4 71.2
126 9.6 8.3 12.5





#83

Chrysene

Concen: 40.092 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF136310.D

Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS

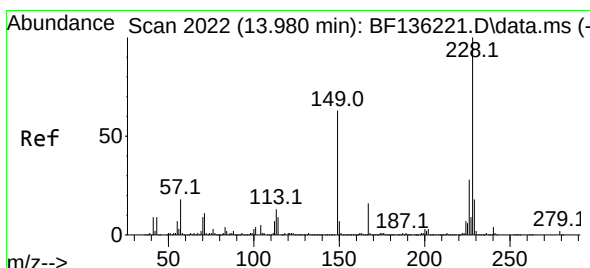
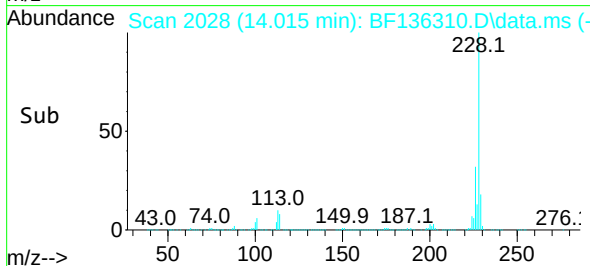
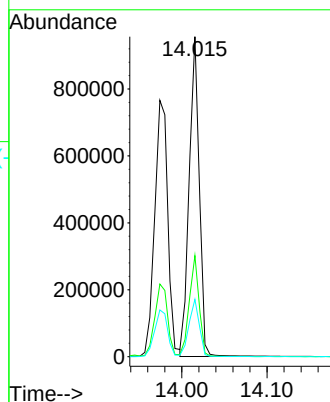
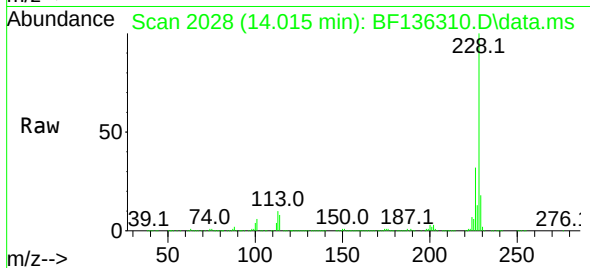
Tgt Ion:228 Resp: 788440
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.5 38.3
 229 17.9 13.9 20.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.233 ng

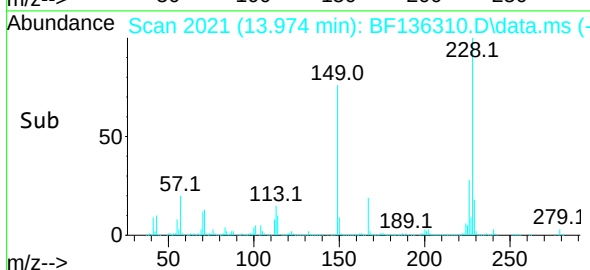
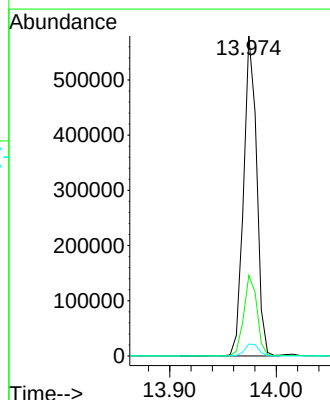
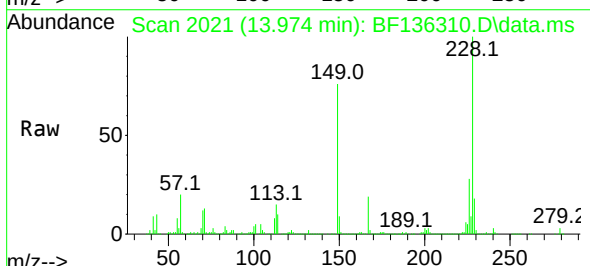
RT: 13.974 min Scan# 2021

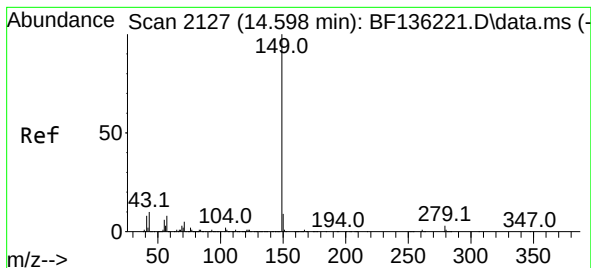
Delta R.T. -0.006 min

Lab File: BF136310.D

Acq: 30 Nov 2023 13:11

Tgt Ion:149 Resp: 496157
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.2 30.2
 279 3.7 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 46.588 ng

RT: 14.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF136310.D

Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS

Tgt Ion:149 Resp: 845618

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

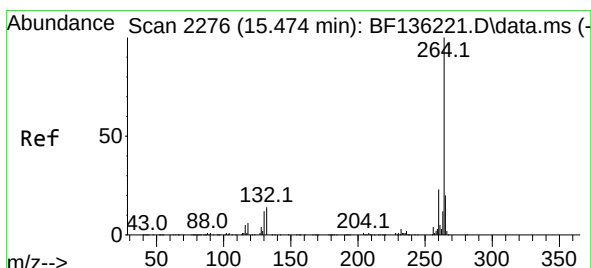
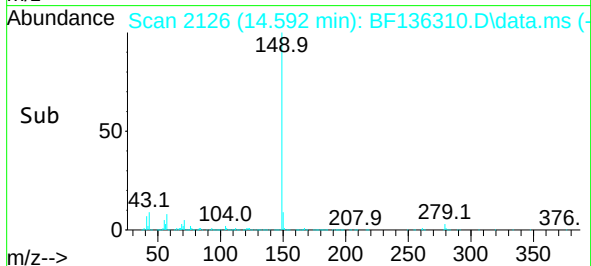
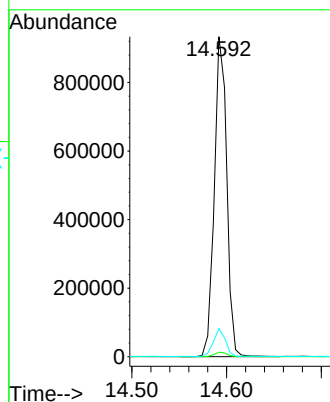
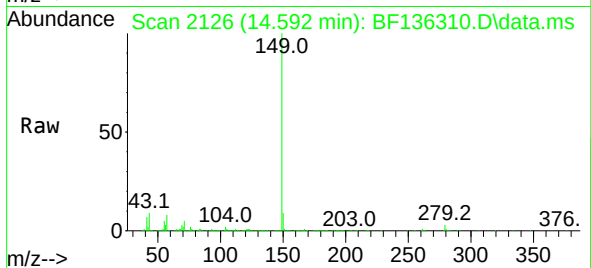
43 8.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136310.D

Acq: 30 Nov 2023 13:11

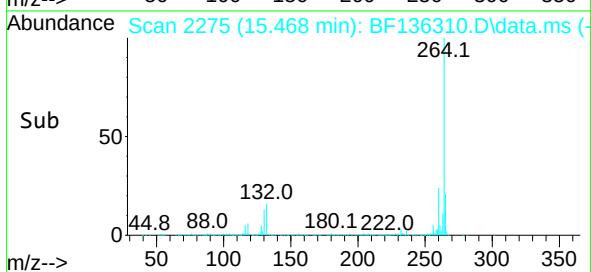
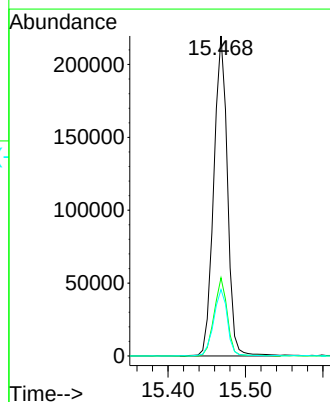
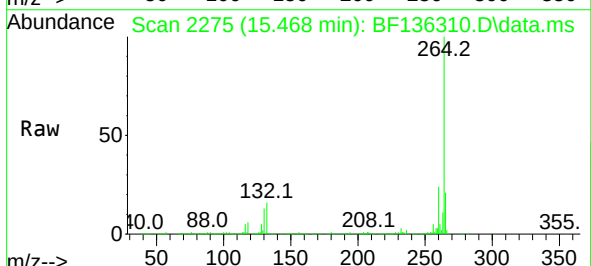
Tgt Ion:264 Resp: 269198

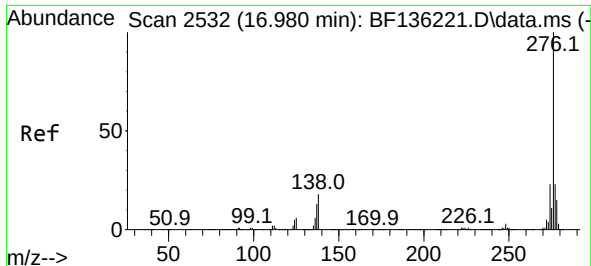
Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 20.8 15.7 23.5





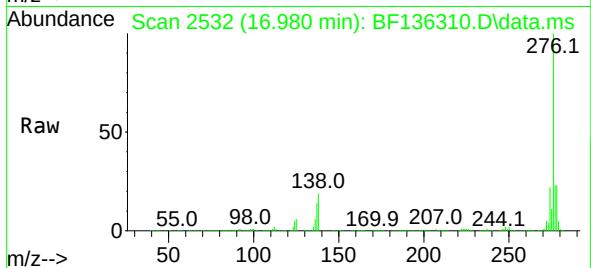
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.055 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS

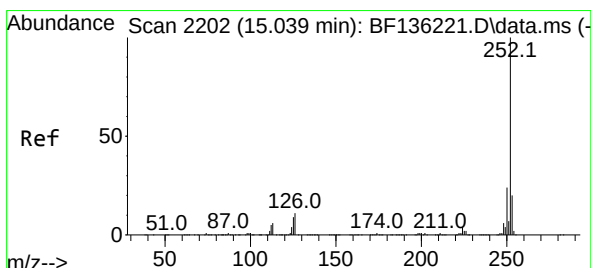
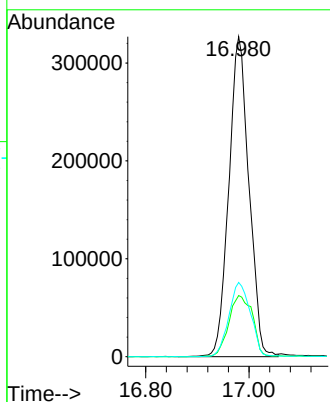
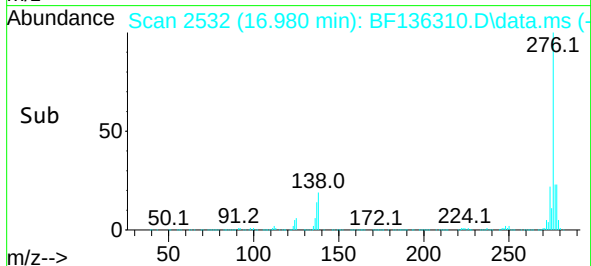


Tgt Ion:276 Resp: 88179
Ion Ratio Lower Upper
276 100
138 22.6 17.7 26.5
277 25.1 19.6 29.4

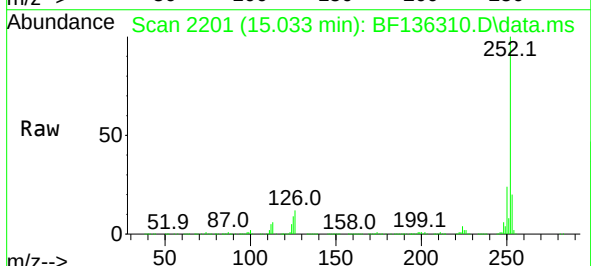
Manual Integrations

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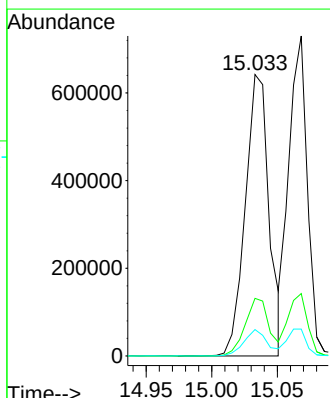
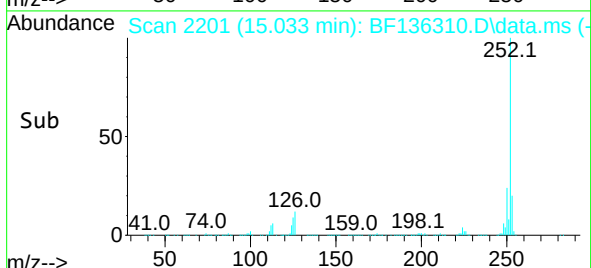
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

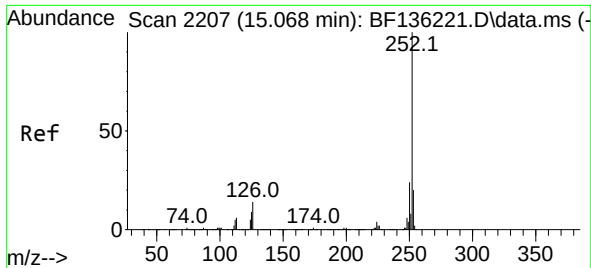


#88
Benzo(b)fluoranthene
Concen: 42.931 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11



Tgt Ion:252 Resp: 810817
Ion Ratio Lower Upper
252 100
253 20.5 16.2 24.2
125 9.4 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 40.788 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

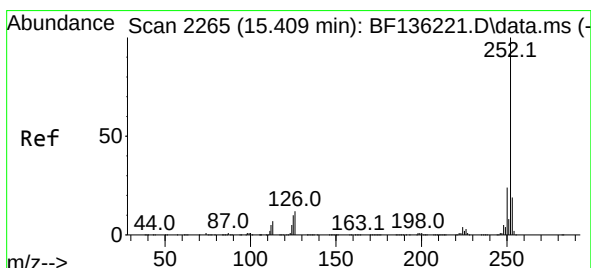
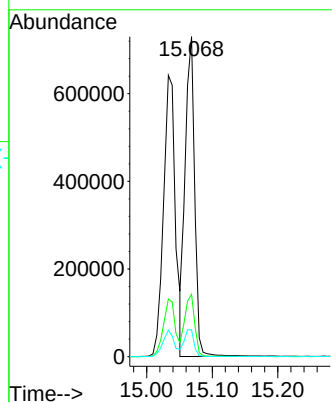
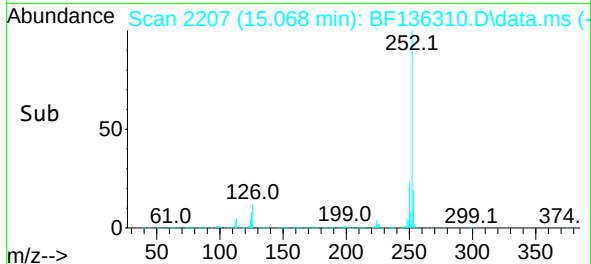
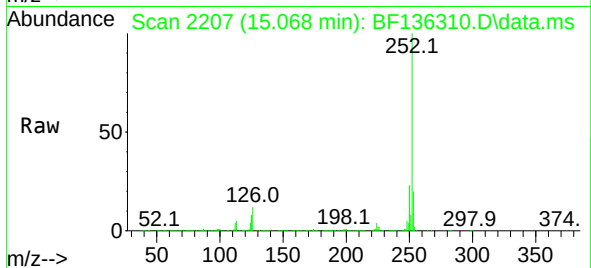
PB157271BS

Tgt Ion:252 Resp: 731652
Ion Ratio Lower Upper
252 100
253 19.5 15.6 23.4
125 8.4 7.0 10.4

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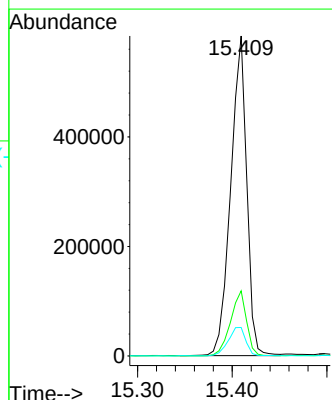
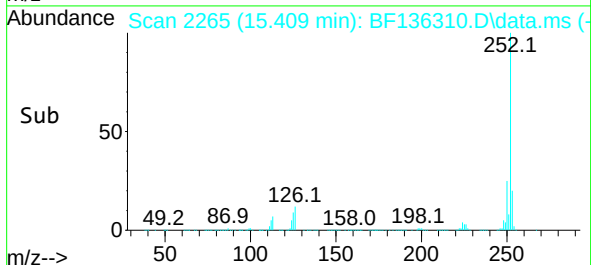
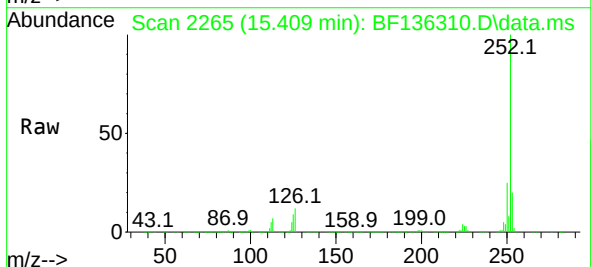
APPROVED

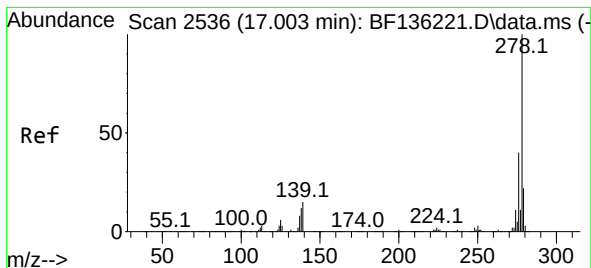
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#90
Benzo(a)pyrene
Concen: 44.477 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF136310.D
Acq: 30 Nov 2023 13:11

Tgt Ion:252 Resp: 686686
Ion Ratio Lower Upper
252 100
253 20.3 15.5 23.3
125 8.9 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 45.605 ng

RT: 17.003 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136310.D

Acq: 30 Nov 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB157271BS

Tgt Ion:278 Resp: 734208

Ion Ratio Lower Upper

278 100

139 13.8 11.7 17.5

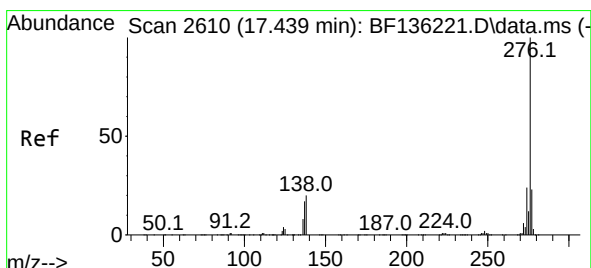
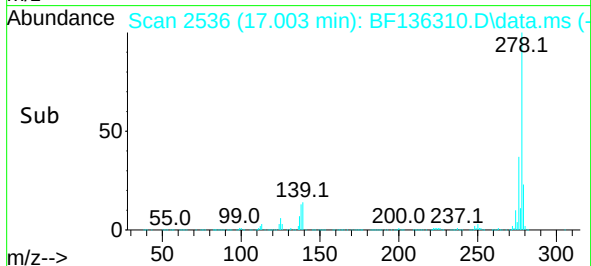
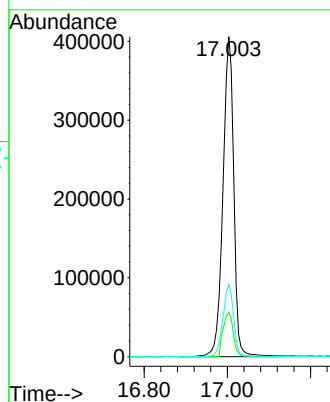
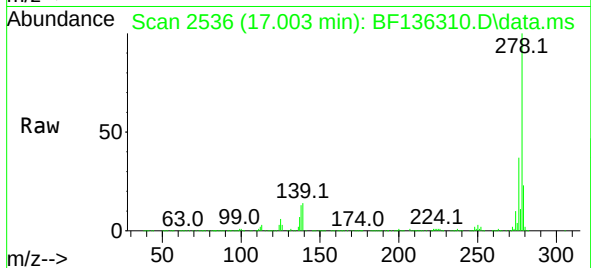
279 22.6 17.8 26.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#92

Benzo(g,h,i)perylene

Concen: 43.523 ng

RT: 17.445 min Scan# 2611

Delta R.T. 0.006 min

Lab File: BF136310.D

Acq: 30 Nov 2023 13:11

Tgt Ion:276 Resp: 702333

Ion Ratio Lower Upper

276 100

277 22.3 18.6 27.8

138 20.2 15.8 23.8

