

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135098.D
 Acq On : 05 Sep 2023 16:39
 Operator : CG\JU
 Sample : 04203-07MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 06 01:53:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	91090	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	362278	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	175880	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	291131	20.000	ng	0.00
76) Chrysene-d12	13.957	240	166115	20.000	ng	0.00
86) Perylene-d12	15.427	264	203087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	612300	103.828	ng	0.01
7) Phenol-d6	6.416	99	733907	99.844	ng	0.00
23) Nitrobenzene-d5	7.340	82	459498	71.257	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	181266	97.156	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	776225	71.855	ng	0.00
79) Terphenyl-d14	12.898	244	643097	63.177	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	115607	46.279	ng	98
3) Pyridine	3.310	79	283507	42.098	ng	99
4) n-Nitrosodimethylamine	3.275	42	172039	52.237	ng	96
6) Aniline	6.440	93	319181	35.027	ng	91
8) 2-Chlorophenol	6.557	128	320799	53.545	ng	98
9) Benzaldehyde	6.328	77	124065	33.125	ng	94
10) Phenol	6.434	94	381137	49.391	ng	82
11) bis(2-Chloroethyl)ether	6.516	93	298425	51.356	ng	96
12) 1,3-Dichlorobenzene	6.716	146	325807	52.783	ng	98
13) 1,4-Dichlorobenzene	6.792	146	331639	53.681	ng	99
14) 1,2-Dichlorobenzene	6.940	146	310735	53.900	ng	98
15) Benzyl Alcohol	6.922	79	267658	53.149	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	471812	48.485	ng	98
17) 2-Methylphenol	7.034	107	245881	47.097	ng	97
18) Hexachloroethane	7.281	117	121056	52.898	ng	95
19) n-Nitroso-di-n-propyla...	7.192	70	205749	47.123	ng	97
20) 3+4-Methylphenols	7.187	107	296763	48.182	ng	94
22) Acetophenone	7.187	105	415057	51.508	ng	# 96
24) Nitrobenzene	7.357	77	320436	48.443	ng	98
25) Isophorone	7.598	82	575366	47.060	ng	99
26) 2-Nitrophenol	7.675	139	167395	51.220	ng	98
27) 2,4-Dimethylphenol	7.716	122	239411	45.502	ng	95
28) bis(2-Chloroethoxy)met...	7.810	93	349600	47.402	ng	100
29) 2,4-Dichlorophenol	7.916	162	243164	48.626	ng	99
30) 1,2,4-Trichlorobenzene	7.992	180	272951	50.509	ng	97
31) Naphthalene	8.075	128	857642	48.462	ng	99
32) Benzoic acid	7.845	122	182902	43.456	ng	98
33) 4-Chloroaniline	8.128	127	225886	29.182	ng	97
34) Hexachlorobutadiene	8.187	225	156251	50.949	ng	99
35) Caprolactam	8.504	113	77671m	47.437	ng	
36) 4-Chloro-3-methylphenol	8.616	107	259840	47.840	ng	95
37) 2-Methylnaphthalene	8.769	142	538334	45.590	ng	99
38) 1-Methylnaphthalene	8.869	142	511311	46.279	ng	98
40) 1,2,4,5-Tetrachloroben...	8.934	216	250811	50.941	ng	98
41) Hexachlorocyclopentadiene	8.916	237	131924	62.954	ng	97
43) 2,4,6-Trichlorophenol	9.051	196	167299	50.596	ng	98

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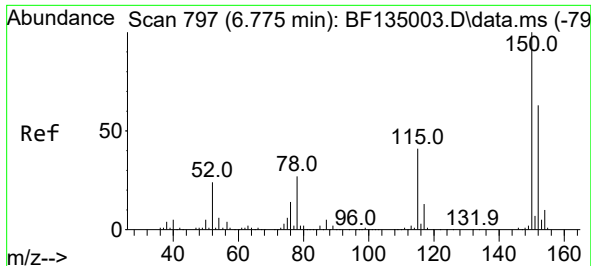
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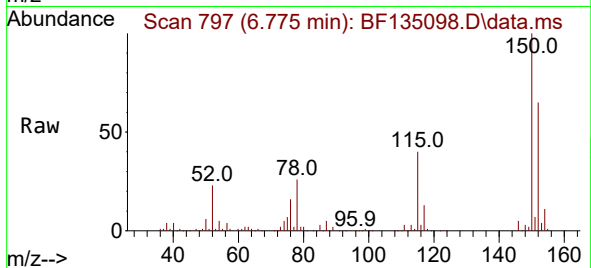
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	175627	45.878	ng	96
46) 1,1'-Biphenyl	9.233	154	678152	50.467	ng	100
47) 2-Chloronaphthalene	9.257	162	514065	50.872	ng	98
48) 2-Nitroaniline	9.357	65	171968	49.714	ng	90
49) Acenaphthylene	9.675	152	771229	50.489	ng	100
50) Dimethylphthalate	9.539	163	607051	49.292	ng	99
51) 2,6-Dinitrotoluene	9.604	165	133250	49.310	ng	99
52) Acenaphthene	9.845	154	471390	48.425	ng	99
53) 3-Nitroaniline	9.775	138	115716	36.760	ng	95
54) 2,4-Dinitrophenol	9.886	184	71459	55.330	ng #	82
55) Dibenzofuran	10.022	168	681564	48.536	ng	98
56) 4-Nitrophenol	9.945	139	184123	83.211	ng	94
57) 2,4-Dinitrotoluene	10.010	165	165128	49.034	ng #	96
58) Fluorene	10.363	166	526004	49.134	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	136467	46.295	ng	96
60) Diethylphthalate	10.245	149	561367	48.423	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	257643	48.655	ng	99
62) 4-Nitroaniline	10.392	138	127602	41.428	ng	98
63) Azobenzene	10.516	77	543220	46.537	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	56167	31.877	ng	90
66) n-Nitrosodiphenylamine	10.480	169	466485	51.533	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	157150	50.892	ng	95
68) Hexachlorobenzene	10.910	284	171568	53.734	ng	94
70) Pentachlorophenol	11.110	266	135638	70.217	ng	99
71) Phenanthrene	11.327	178	737826	49.124	ng	99
72) Anthracene	11.380	178	744207	48.496	ng	98
73) Carbazole	11.539	167	616348	46.567	ng	99
74) Di-n-butylphthalate	11.874	149	798856	50.069	ng	100
75) Fluoranthene	12.522	202	634926	41.811	ng	99
77) Benzidine	12.651	184	198106	66.157	ng	98
78) Pyrene	12.751	202	628613	39.856	ng	99
80) Butylbenzylphthalate	13.380	149	254647	44.693	ng	97
81) Benzo(a)anthracene	13.951	228	552932	48.797	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	197860	57.867	ng	99
83) Chrysene	13.986	228	535065	48.048	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	314054	53.260	ng	99
85) Di-n-octyl phthalate	14.563	149	600633	66.735	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	572756	41.870	ng	98
88) Benzo(b)fluoranthene	15.004	252	630877	49.925	ng	98
89) Benzo(k)fluoranthene	15.033	252	571046	46.777	ng	98
90) Benzo(a)pyrene	15.368	252	537870	45.820	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	489292	44.163	ng	98
92) Benzo(g,h,i)perylene	17.362	276	431100	37.412	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

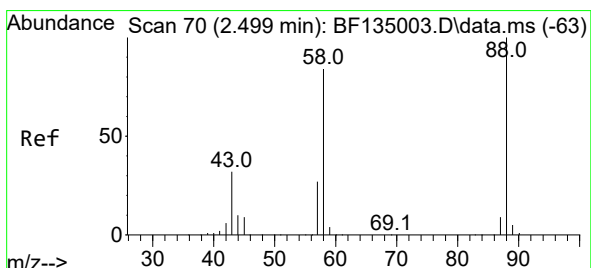
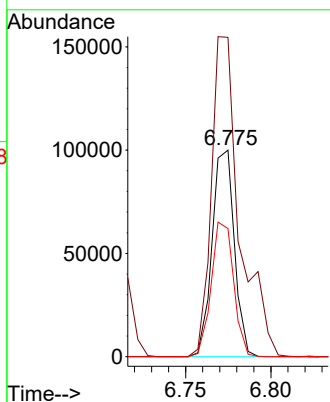
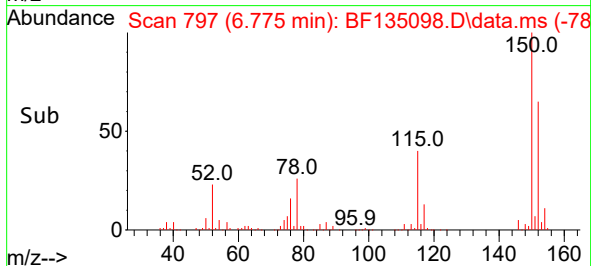
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



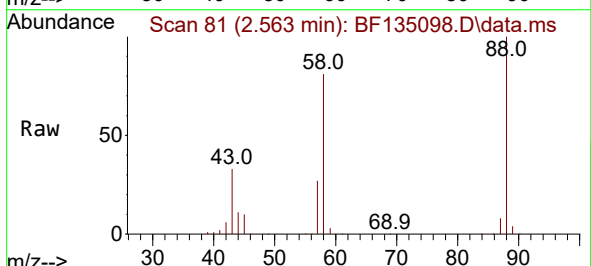
Tgt Ion:152 Resp: 91090
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.4
115 62.1 51.2 76.8

Manual Integrations
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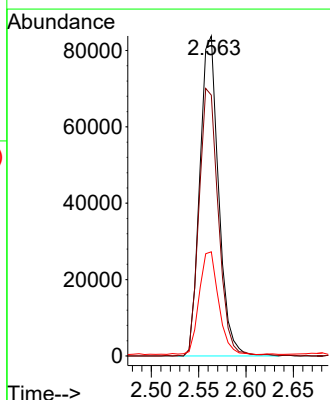
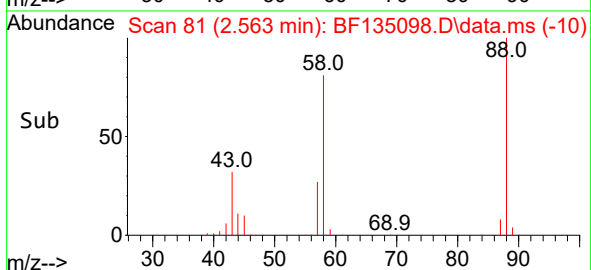
Reviewed By :Yogesh Patel 09/06/2023
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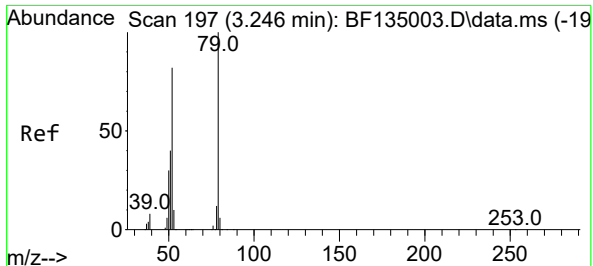


#2
1,4-Dioxane
Concen: 46.279 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.065 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



Tgt Ion: 88 Resp: 115607
Ion Ratio Lower Upper
88 100
58 86.2 67.1 100.7
43 33.1 25.9 38.9





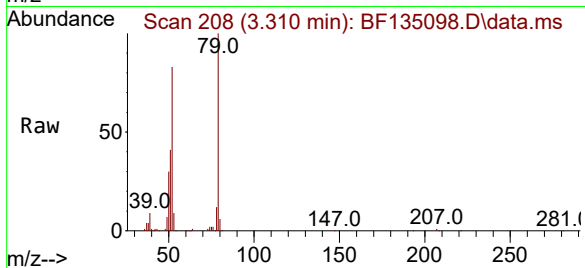
#3
Pyridine
Concen: 42.098 ng
RT: 3.310 min Scan# 20
Delta R.T. 0.065 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS



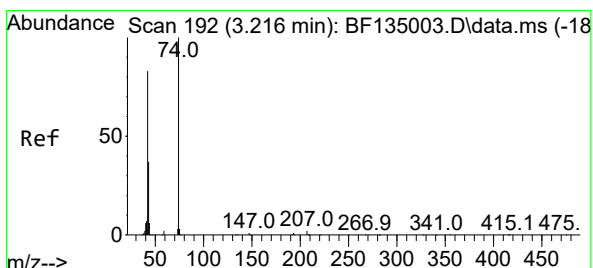
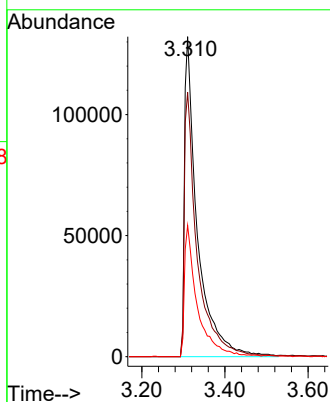
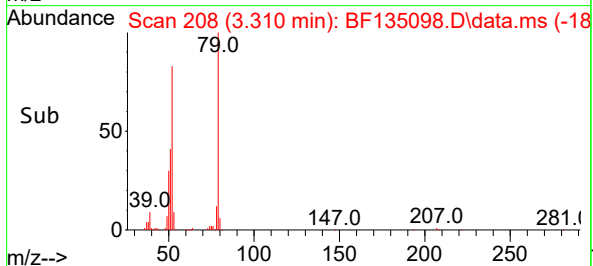
Tgt Ion: 79 Resp: 28350
Ion Ratio Lower Upper
79 100
52 82.6 65.4 98.2
51 41.0 32.6 49.0

Manual Integrations

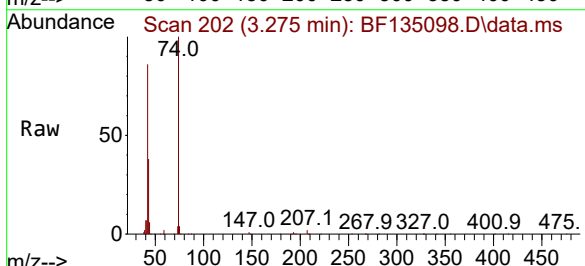
APPROVED

Reviewed By :Yogesh Patel 09/06/2023

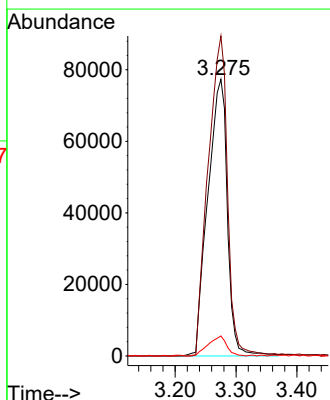
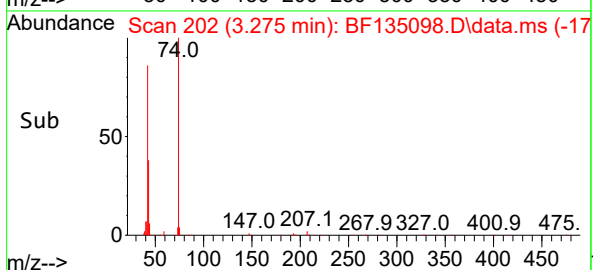
Supervised By :mohammad ahmed 09/07/2023

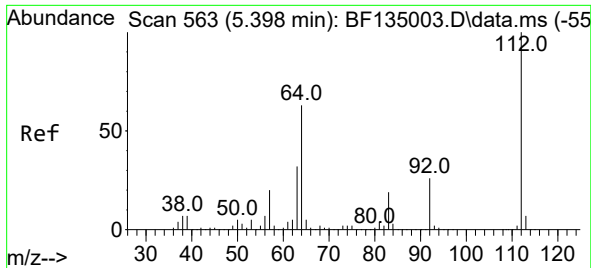


#4
n-Nitrosodimethylamine
Concen: 52.237 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.059 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



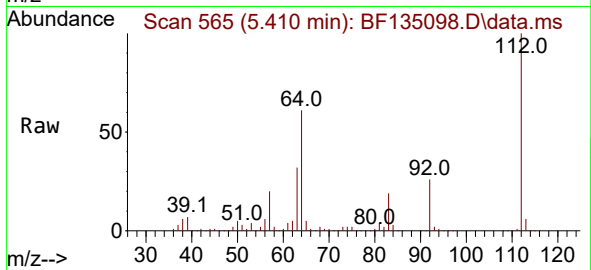
Tgt Ion: 42 Resp: 172039
Ion Ratio Lower Upper
42 100
74 115.7 96.2 144.2
44 7.2 5.8 8.6





#5
2-Fluorophenol
Concen: 103.828 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

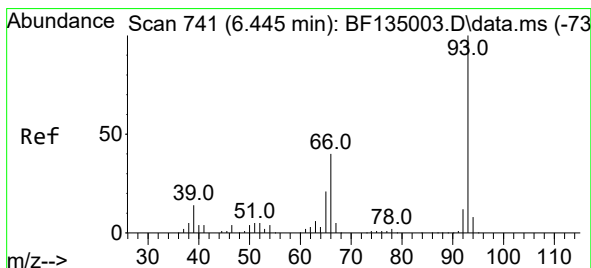
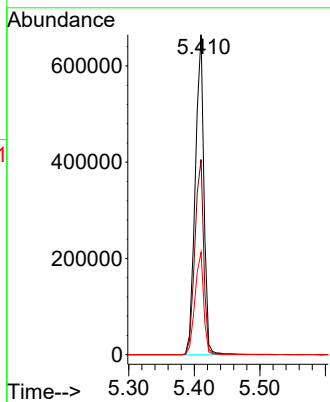
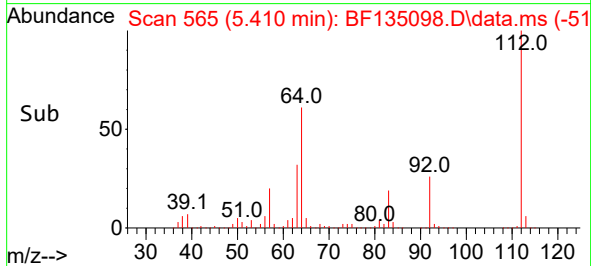
Instrument :
BNA_F
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SB-8(12-12.5)MS



Tgt Ion:112 Resp: 612300
Ion Ratio Lower Upper
112 100
64 61.0 50.5 75.7
63 32.0 25.9 38.9

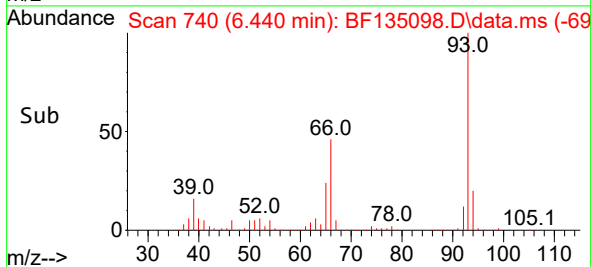
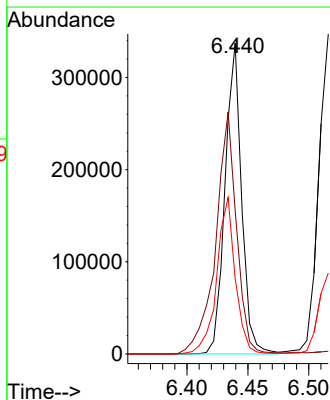
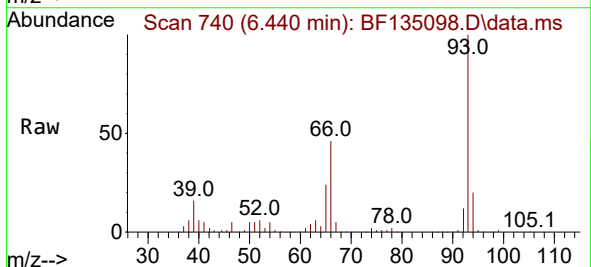
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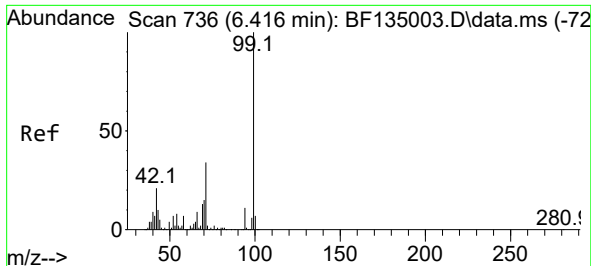
Reviewed By :Yogesh Patel 09/06/2023
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#6
Aniline
Concen: 35.027 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

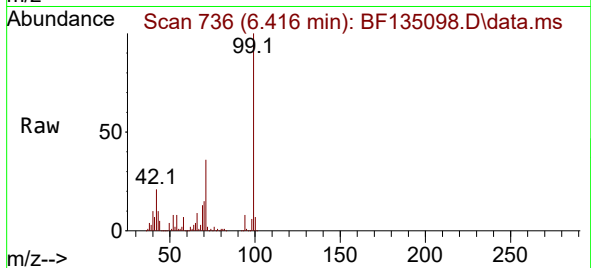
Tgt Ion: 93 Resp: 319181
Ion Ratio Lower Upper
93 100
66 46.2 32.4 48.6
65 24.2 16.6 24.8





#7
Phenol-d6
Concen: 99.844 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

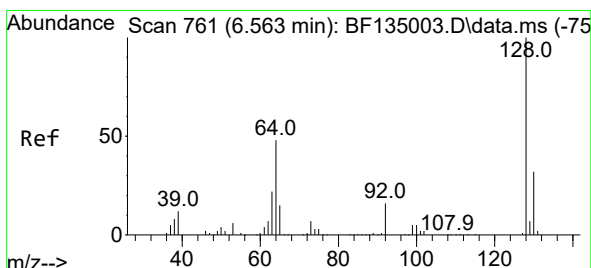
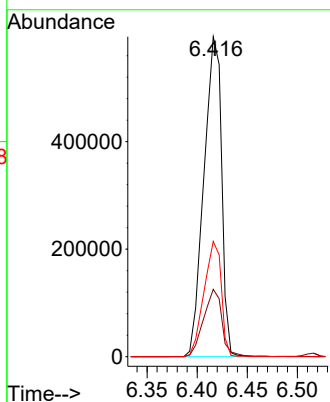
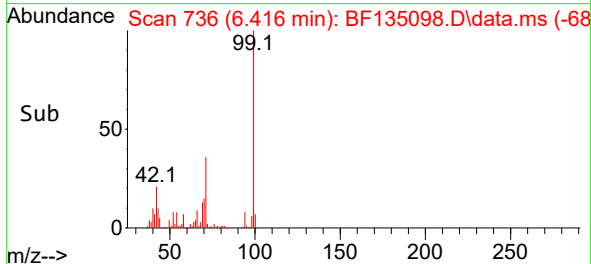
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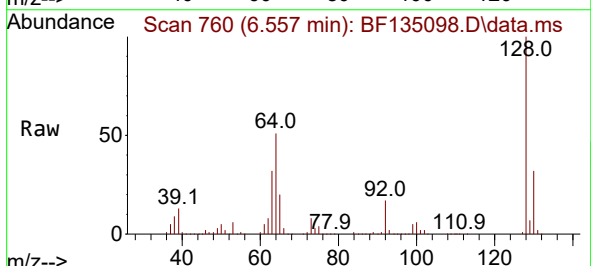
Tgt Ion: 99 Resp: 73390
Ion Ratio Lower Upper
99 100
42 21.0 16.6 25.0
71 36.0 27.0 40.6

Manual Integrations
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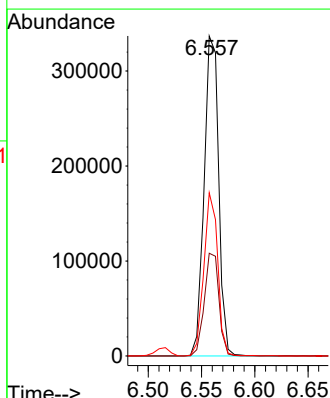
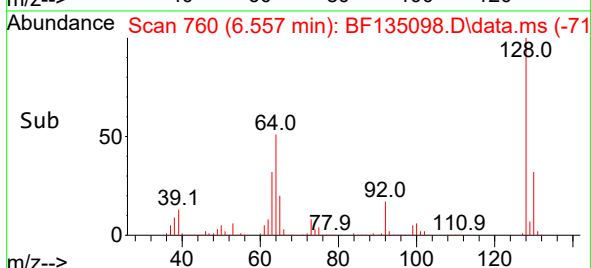
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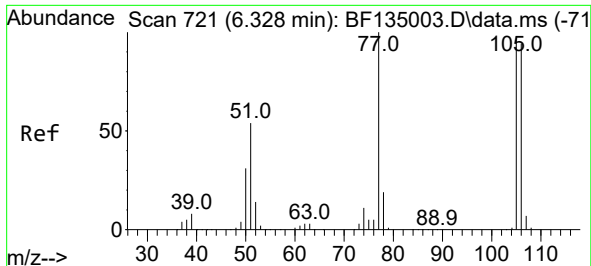


#8
2-Chlorophenol
Concen: 53.545 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



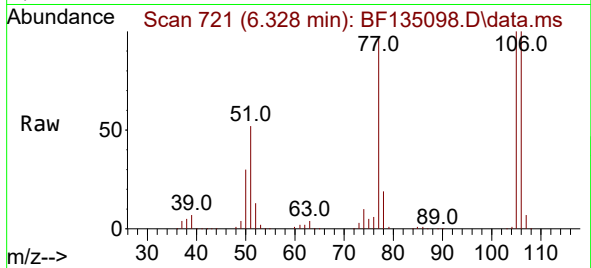
Tgt Ion:128 Resp: 320799
Ion Ratio Lower Upper
128 100
130 32.1 12.2 52.2
64 51.0 29.0 69.0





#9
Benzaldehyde
Concen: 33.125 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

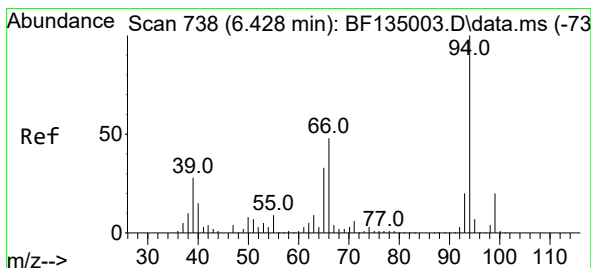
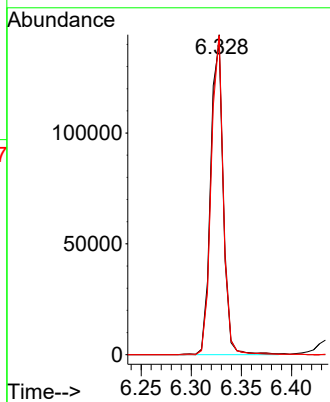
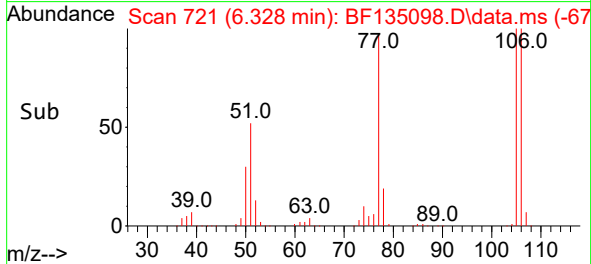
Instrument :
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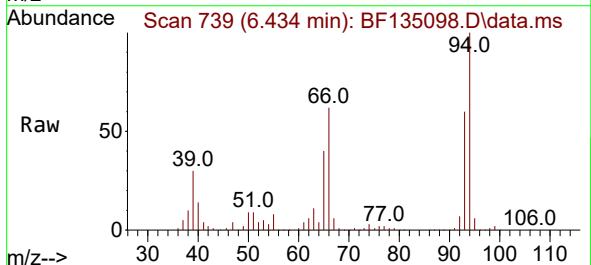
Tgt Ion: 77 Resp: 12406
Ion Ratio Lower Upper
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105 102.9 78.4 118.4
106 102.5 74.3 114.3

Manual Integrations
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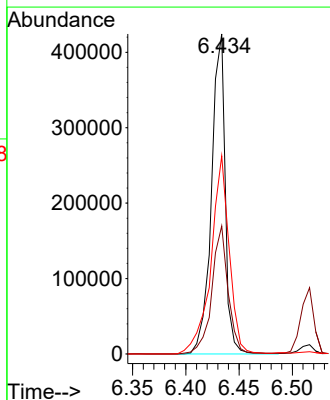
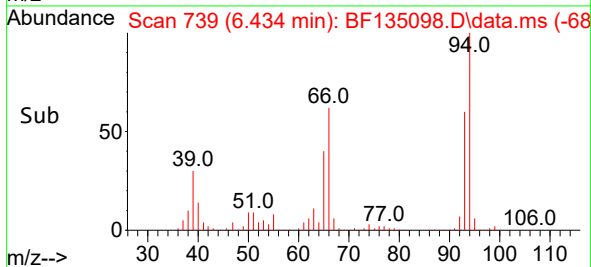
Reviewed By :Yogesh Patel 09/06/2023
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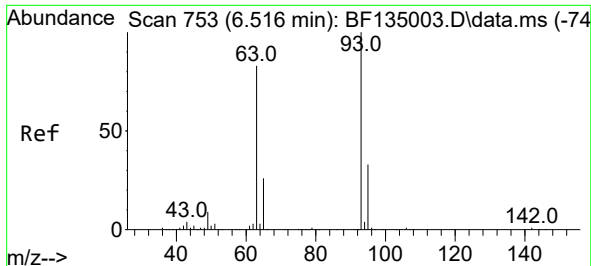


#10
Phenol
Concen: 49.391 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



Tgt Ion: 94 Resp: 381137
Ion Ratio Lower Upper
94 100
65 40.0 13.2 53.2
66 61.9 27.5 67.5





#11

bis(2-Chloroethyl)ether

Concen: 51.356 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion: 93 Resp: 298425

Ion Ratio Lower Upper

93 100

63 78.4 62.8 102.8

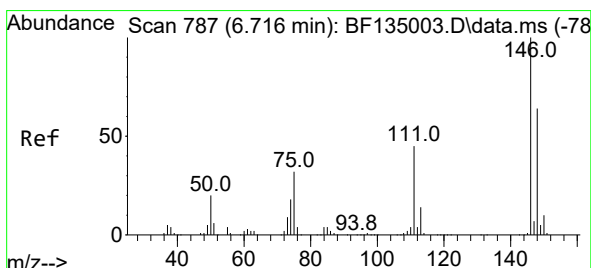
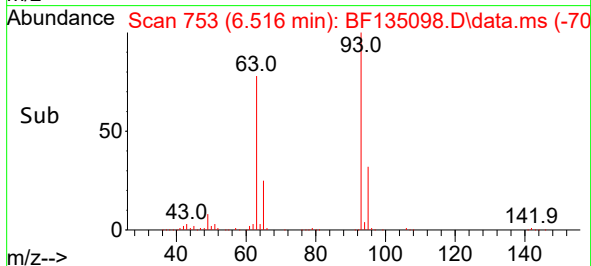
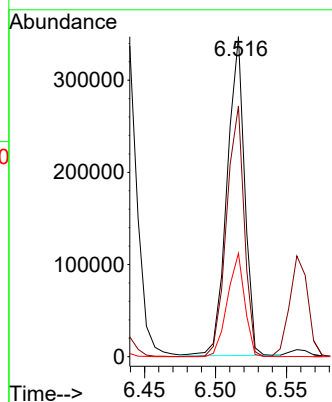
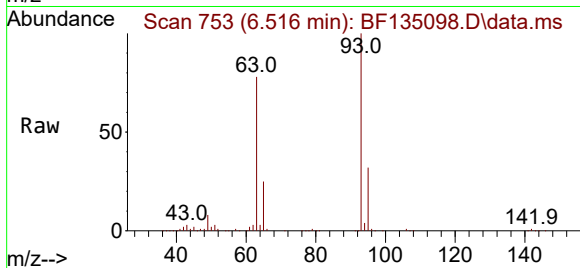
95 32.3 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#12

1,3-Dichlorobenzene

Concen: 52.783 ng

RT: 6.716 min Scan# 787

Delta R.T. 0.000 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

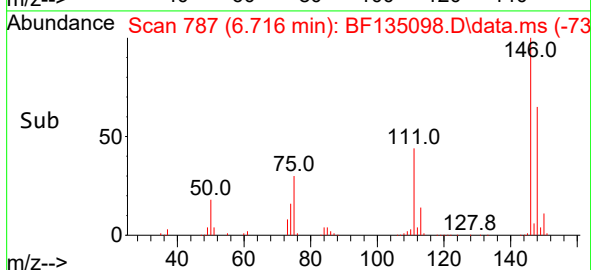
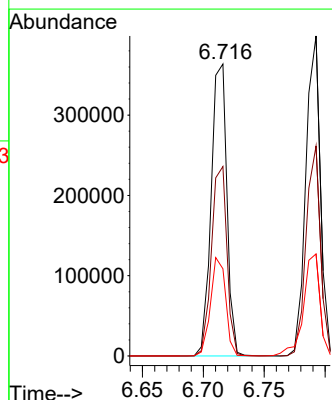
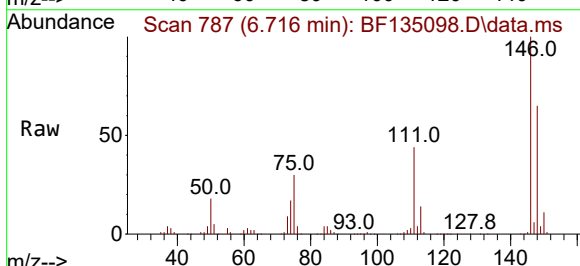
Tgt Ion:146 Resp: 325807

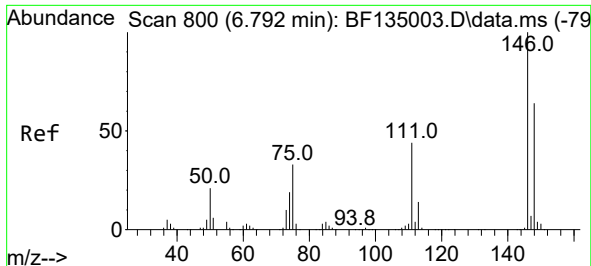
Ion Ratio Lower Upper

146 100

148 64.9 51.6 77.4

75 29.8 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 53.681 ng

RT: 6.792 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

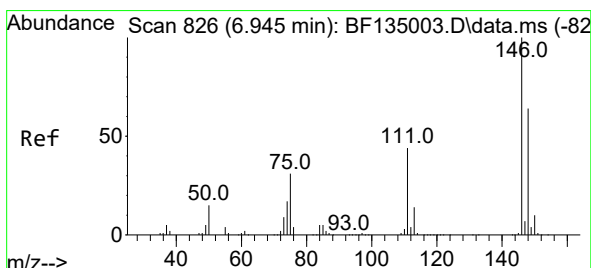
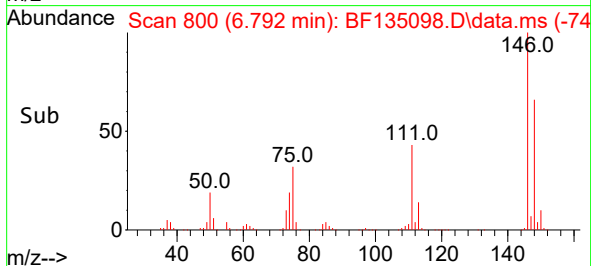
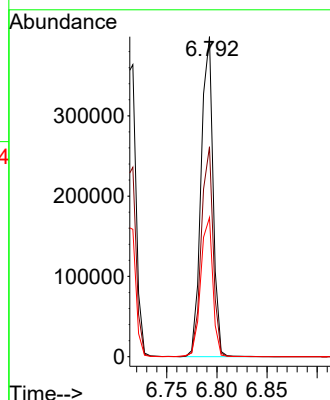
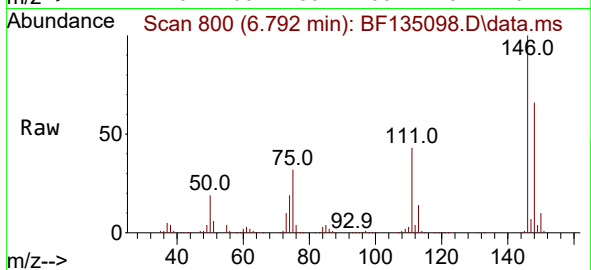
SB-8(12-12.5)MS

Tgt Ion:146 Resp: 331635
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.5 77.3
 111 43.4 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023



#14

1,2-Dichlorobenzene

Concen: 53.900 ng

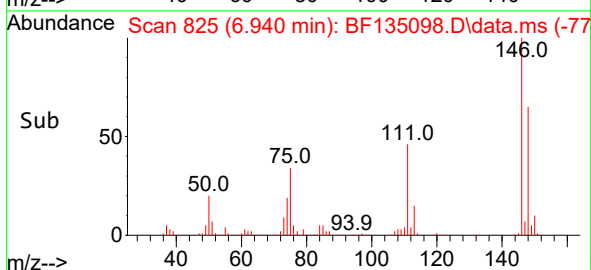
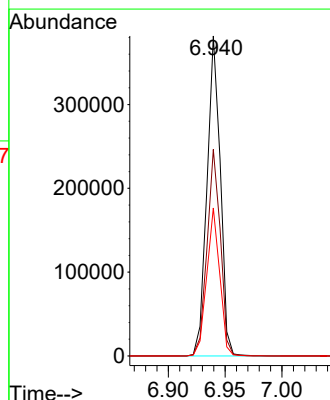
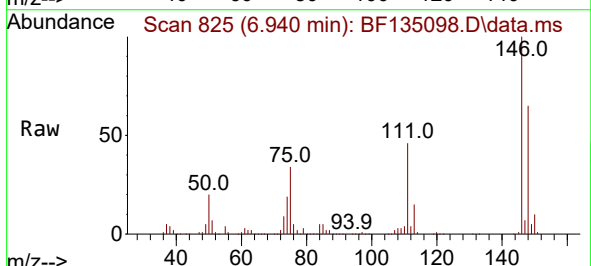
RT: 6.940 min Scan# 825

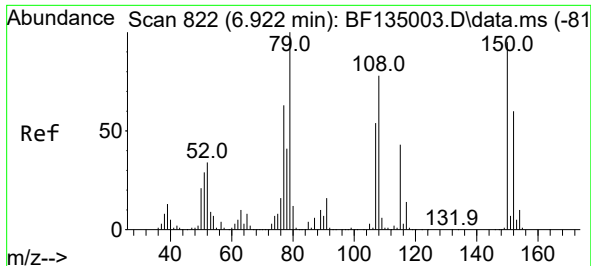
Delta R.T. -0.006 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

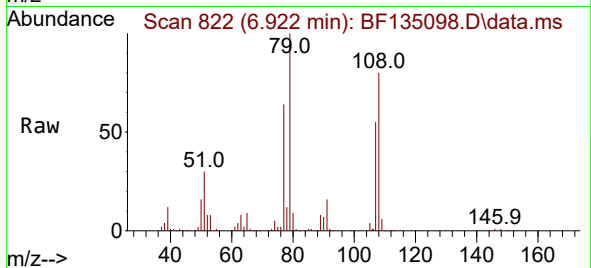
Tgt Ion:146 Resp: 310735
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.1 76.7
 111 46.3 35.3 52.9





#15
Benzyl Alcohol
Concen: 53.149 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

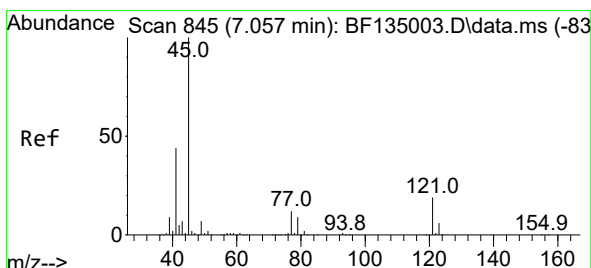
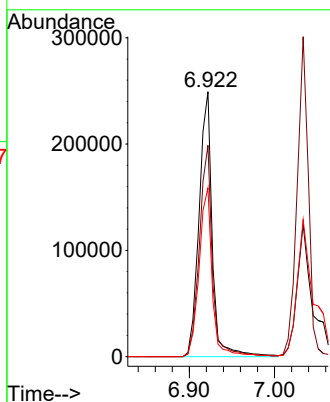
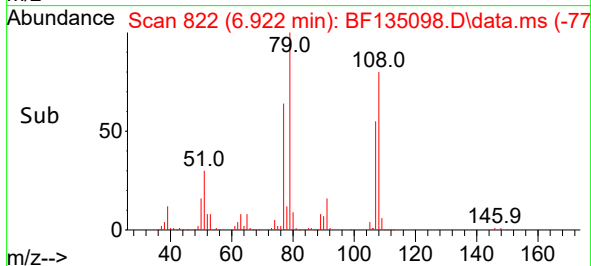
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



Tgt Ion: 79 Resp: 267658
Ion Ratio Lower Upper
79 100
108 79.8 62.5 93.7
77 63.7 50.4 75.6

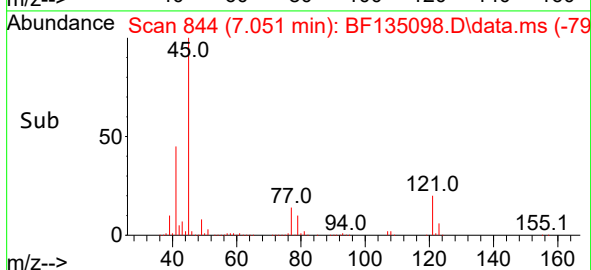
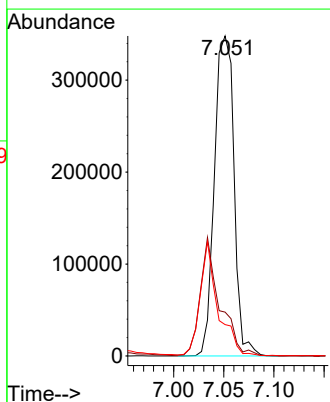
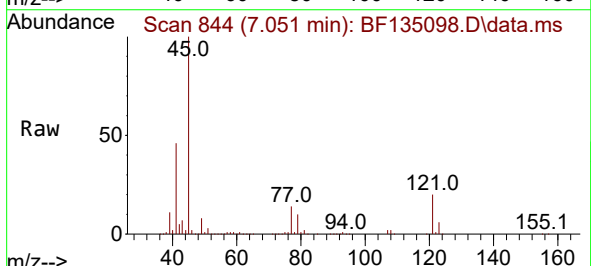
Manual Integrations
APPROVED

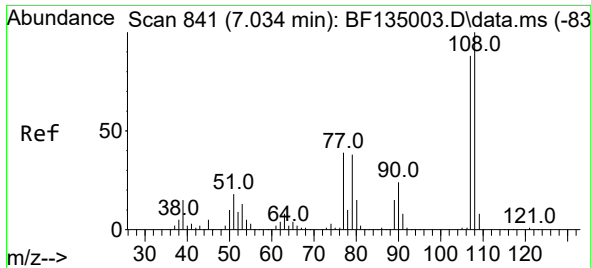
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.485 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

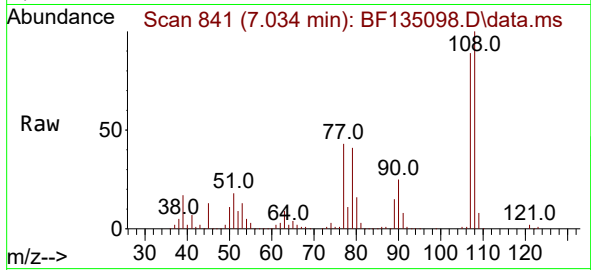
Tgt Ion: 45 Resp: 471812
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.3
79 9.8 0.0 29.5





#17
2-Methylphenol
Concen: 47.097 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

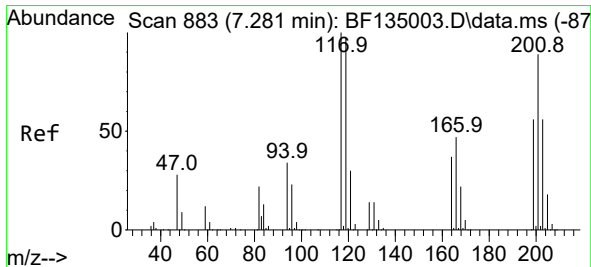
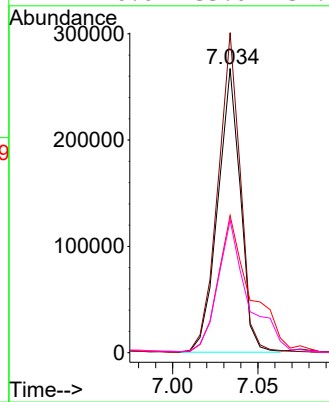
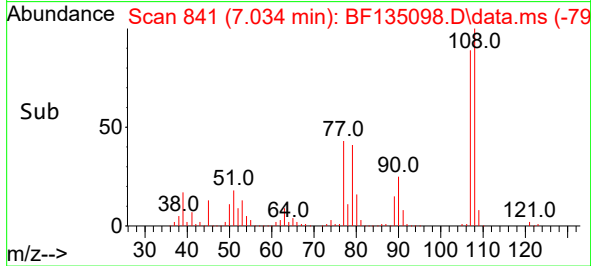
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



Tgt Ion:107 Resp: 24588
Ion Ratio Lower Upper
107 100
108 112.6 91.2 136.8
77 48.3 36.0 54.0
79 46.6 35.0 52.4

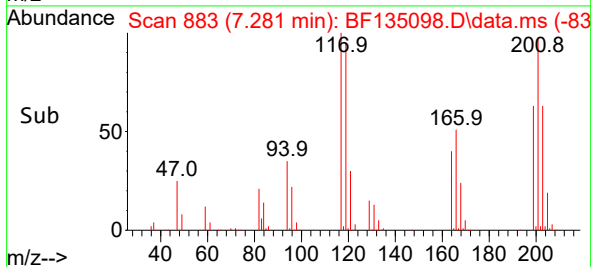
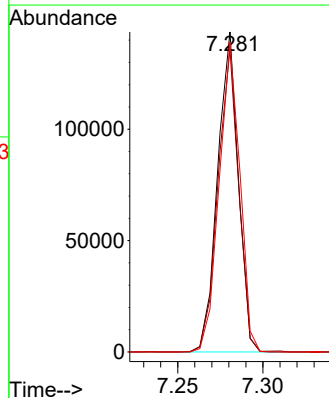
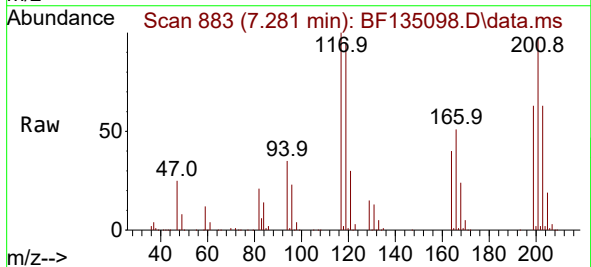
Manual Integrations
APPROVED

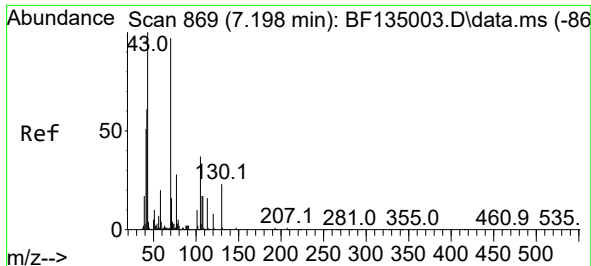
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#18
Hexachloroethane
Concen: 52.898 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Tgt Ion:117 Resp: 121056
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.2
201 96.9 71.4 107.2





#19

n-Nitroso-di-n-propylamine

Concen: 47.123 ng

RT: 7.192 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion: 70 Resp: 205749

Ion Ratio Lower Upper

70 100

42 64.5 50.2 75.4

101 9.7 8.1 12.1

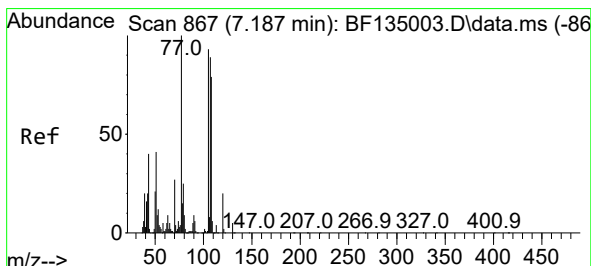
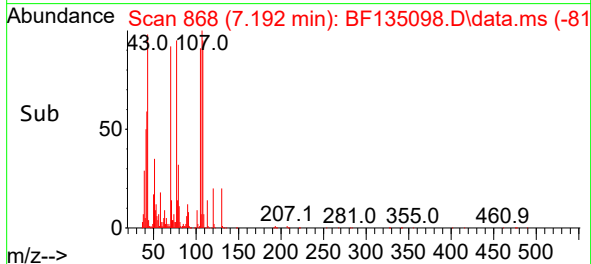
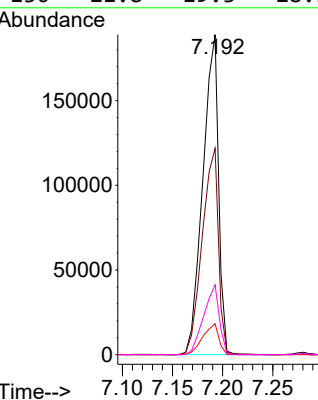
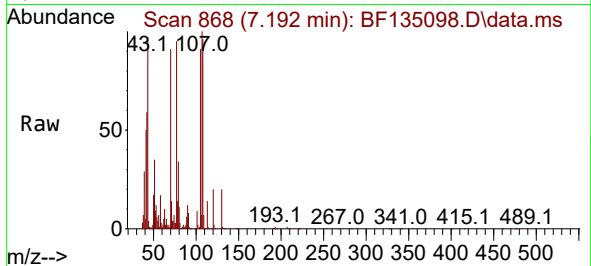
130 21.8 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#20

3+4-Methylphenols

Concen: 48.182 ng

RT: 7.187 min Scan# 867

Delta R.T. 0.000 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Tgt Ion:107 Resp: 296763

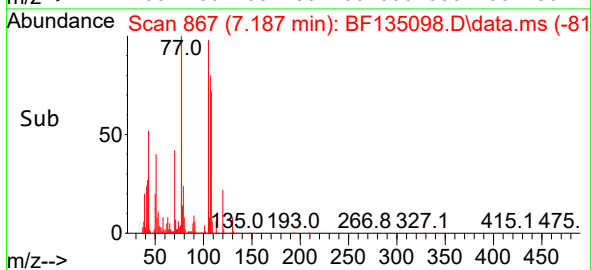
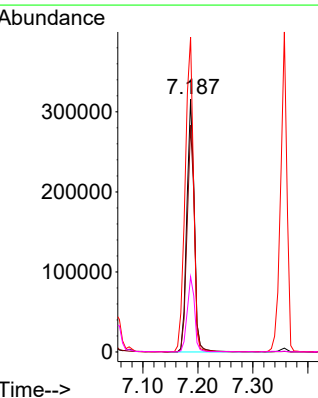
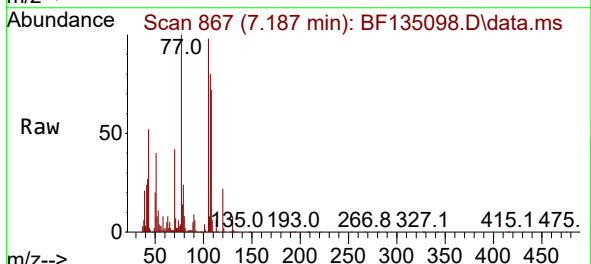
Ion Ratio Lower Upper

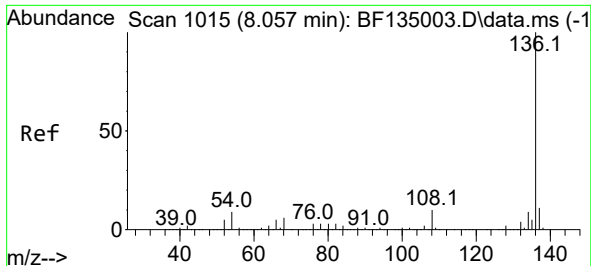
107 100

108 89.7 68.6 108.6

77 124.5 92.3 132.3

79 29.8 8.0 48.0





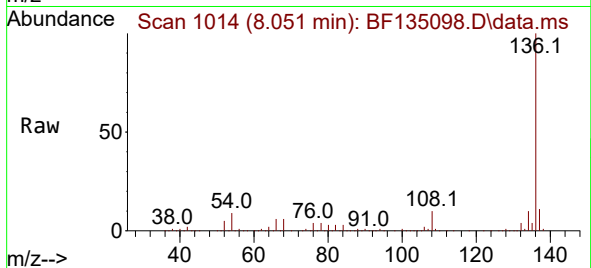
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS



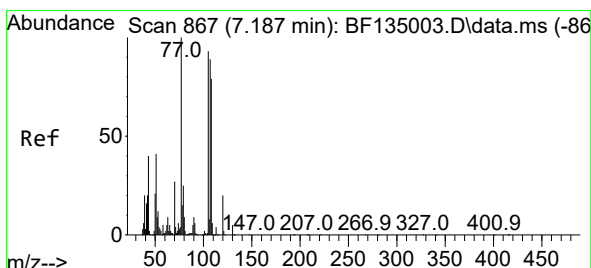
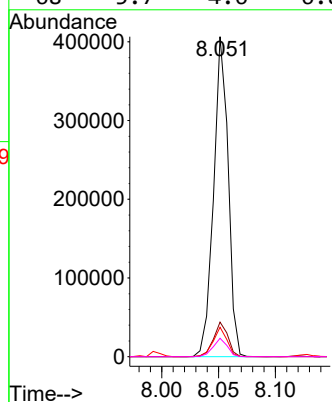
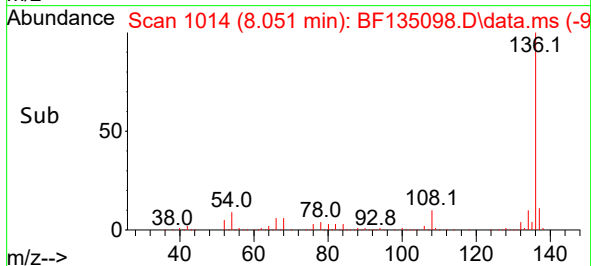
Tgt Ion:136 Resp: 362278
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.2 7.0 10.4
68 5.7 4.6 6.8

Manual Integrations

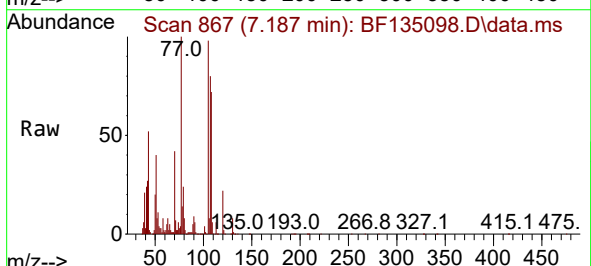
APPROVED

Reviewed By :Yogesh Patel 09/06/2023

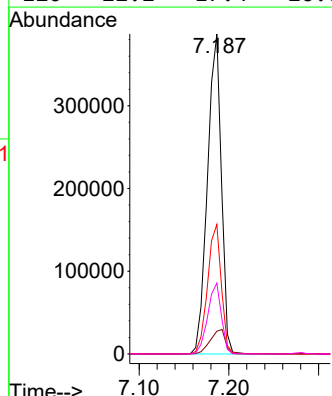
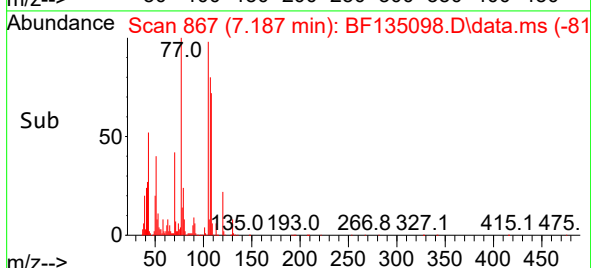
Supervised By :mohammad ahmed 09/07/2023

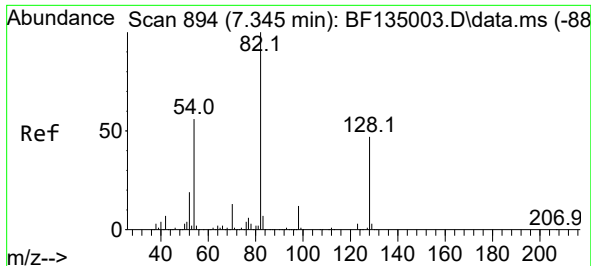


#22
Acetophenone
Concen: 51.508 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



Tgt Ion:105 Resp: 415057
Ion Ratio Lower Upper
105 100
71 7.1 3.8 5.6#
51 40.5 35.0 52.6
120 22.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 71.257 ng

RT: 7.340 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion: 82 Resp: 459498

Ion Ratio Lower Upper

82 100

128 44.0 37.8 56.8

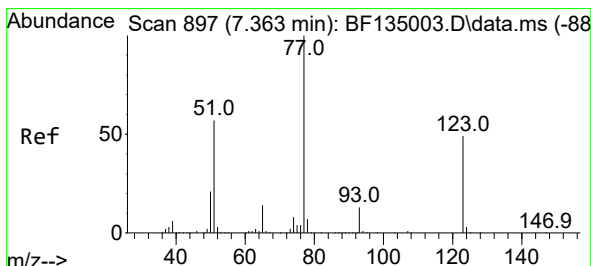
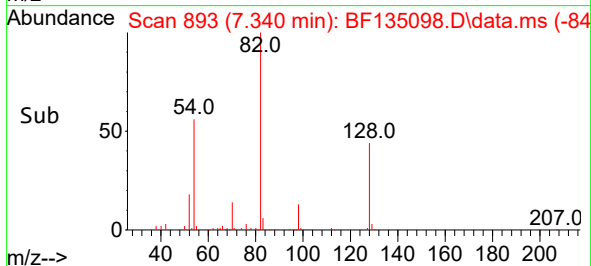
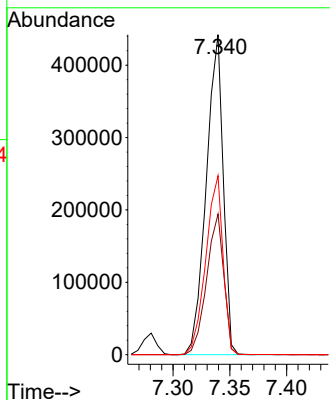
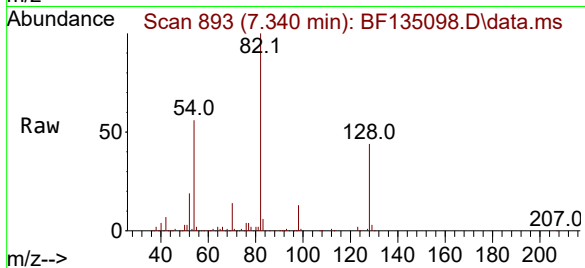
54 55.9 45.0 67.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#24

Nitrobenzene

Concen: 48.443 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

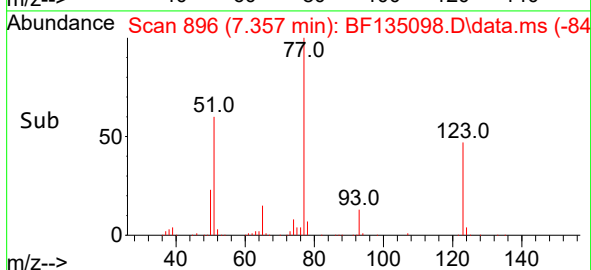
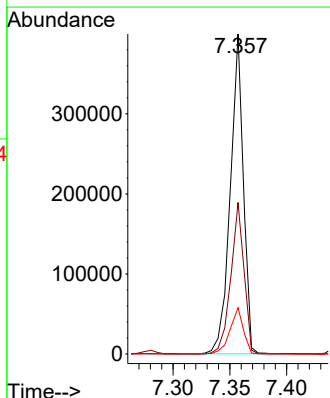
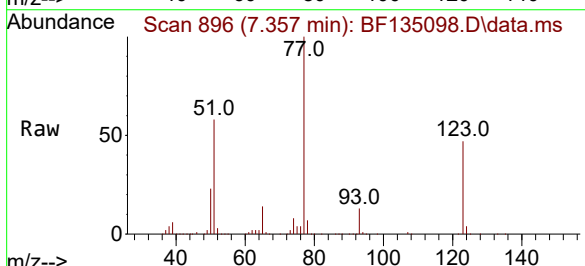
Tgt Ion: 77 Resp: 320436

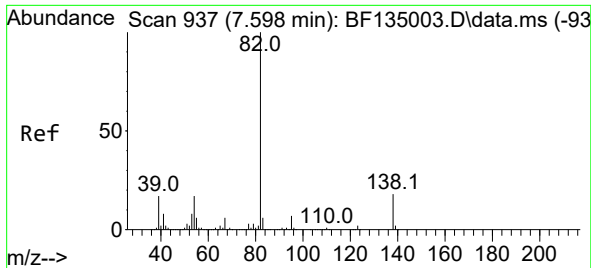
Ion Ratio Lower Upper

77 100

123 47.4 39.4 59.2

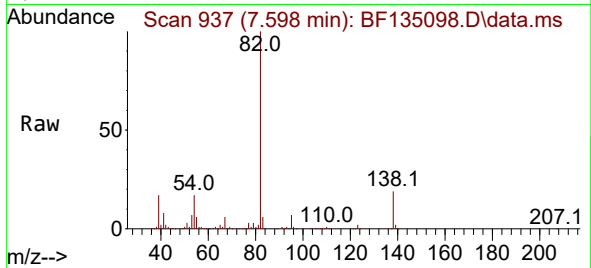
65 14.5 11.4 17.2





#25
Isophorone
Concen: 47.060 ng
RT: 7.598 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

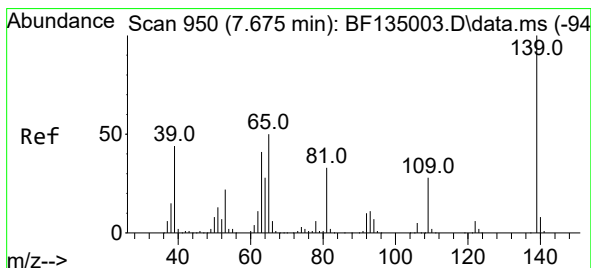
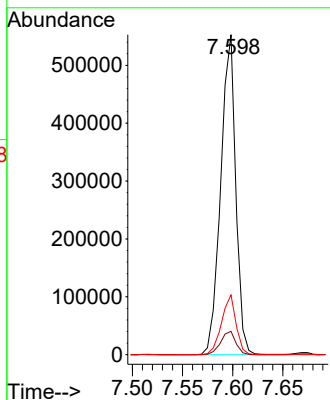
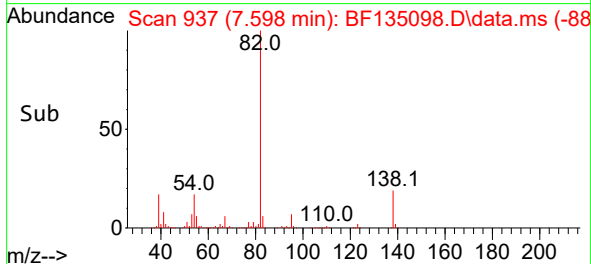
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



Tgt Ion: 82 Resp: 575360
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.7 14.7 22.1

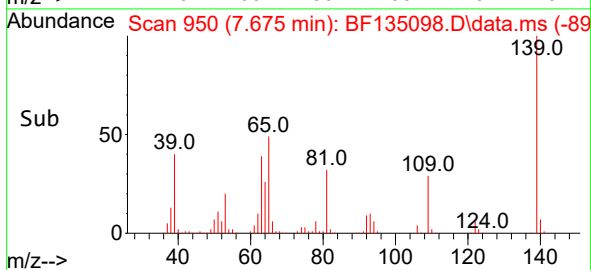
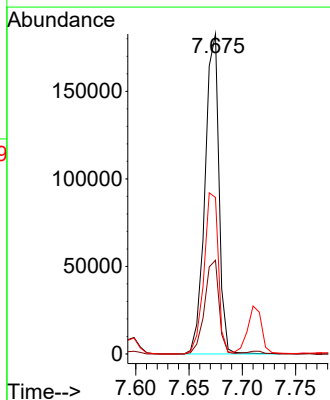
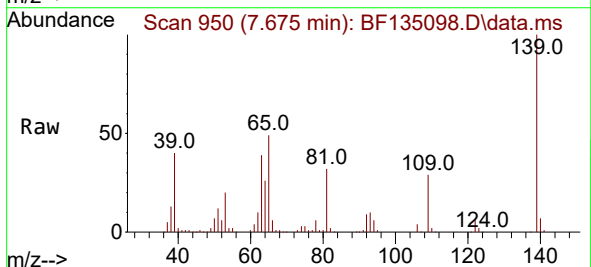
Manual Integrations
APPROVED

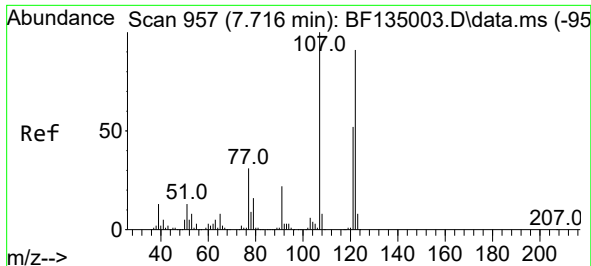
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#26
2-Nitrophenol
Concen: 51.220 ng
RT: 7.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Tgt Ion:139 Resp: 167395
Ion Ratio Lower Upper
139 100
109 29.3 22.6 34.0
65 48.9 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 45.502 ng

RT: 7.716 min Scan# 957

Delta R.T. 0.000 min

Lab File: BF135098.D

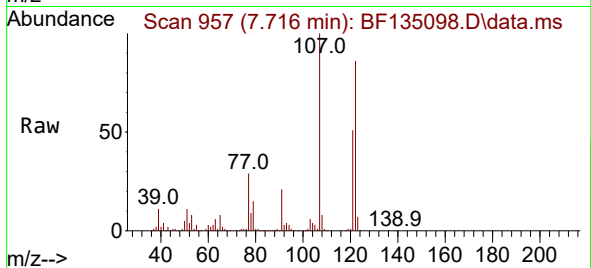
Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS



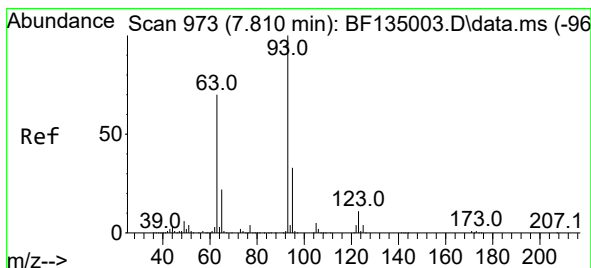
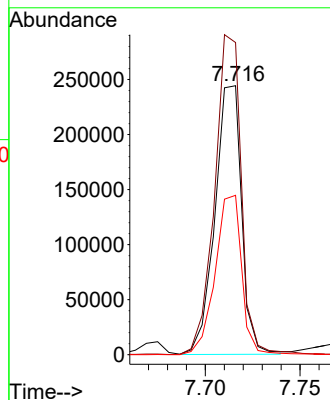
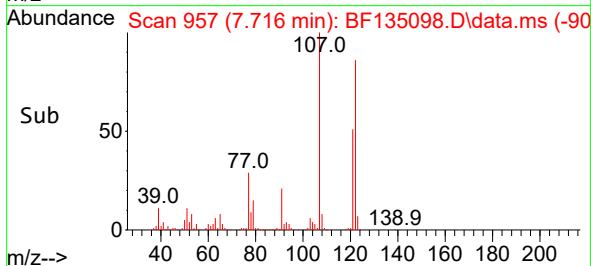
Tgt Ion:	122	Resp:	23941
Ion Ratio	Lower	Upper	
122	100		
107	116.0	87.8	131.8
121	59.3	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.402 ng

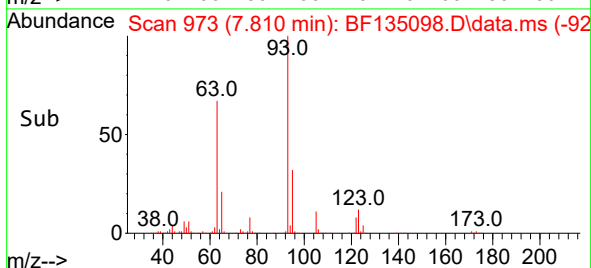
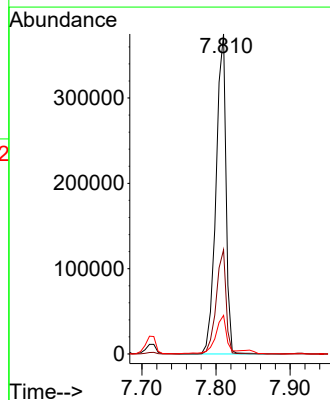
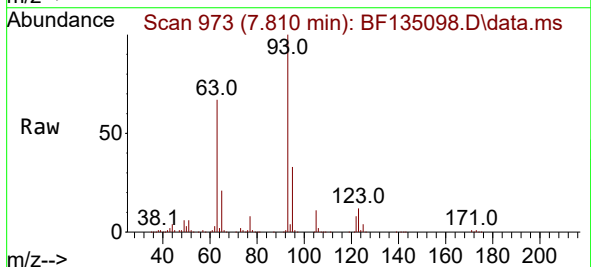
RT: 7.810 min Scan# 973

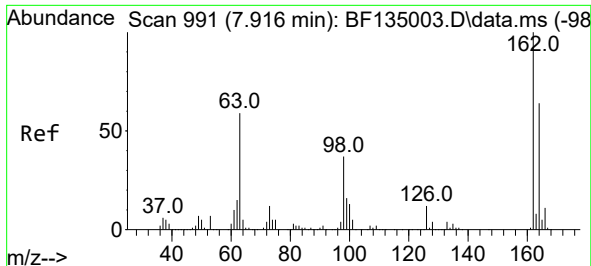
Delta R.T. 0.000 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Tgt Ion:	93	Resp:	349600
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.0	39.0
123	12.1	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 48.626 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion:162 Resp: 243164

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

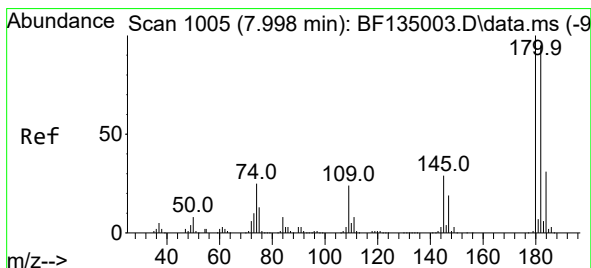
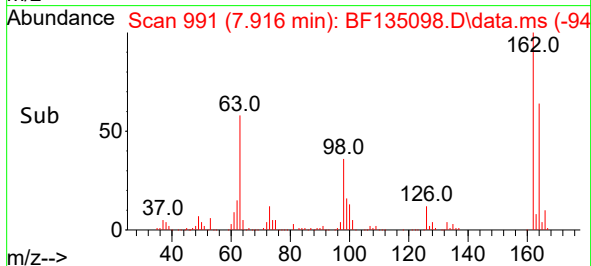
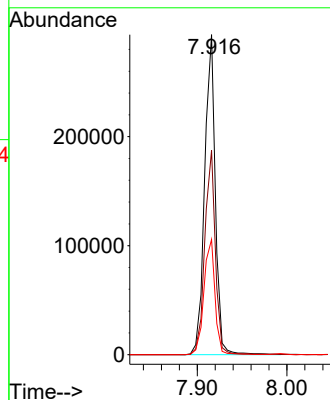
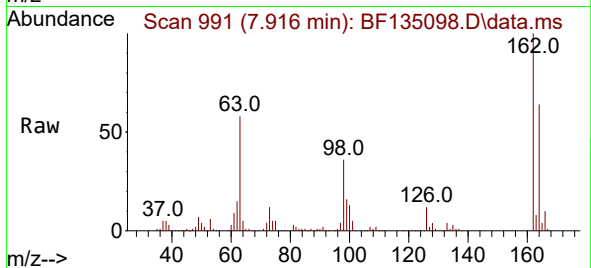
98 36.0 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.509 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

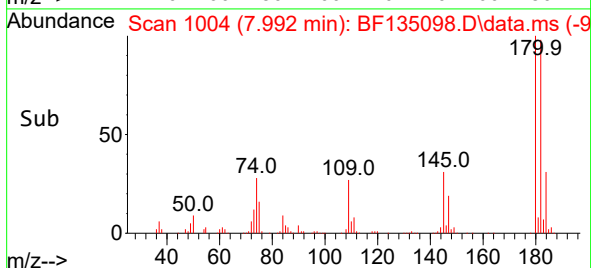
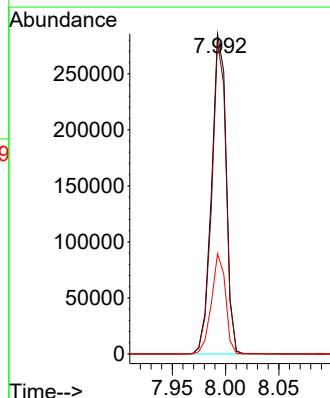
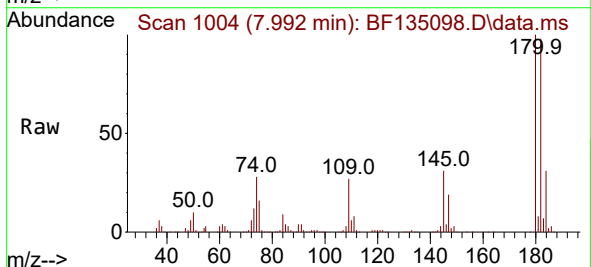
Tgt Ion:180 Resp: 272951

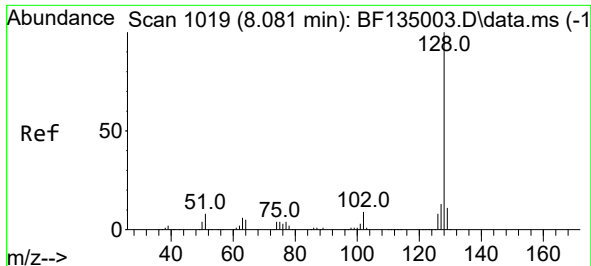
Ion Ratio Lower Upper

180 100

182 97.7 76.3 114.5

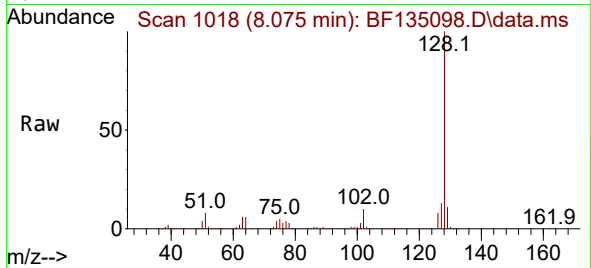
145 31.3 23.5 35.3





#31
Naphthalene
Concen: 48.462 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

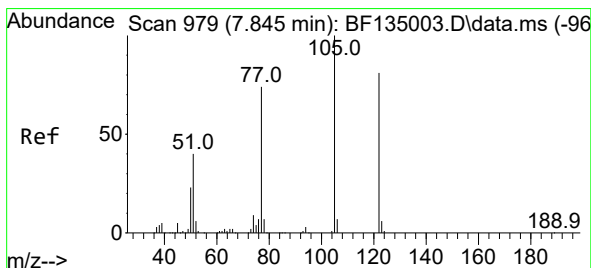
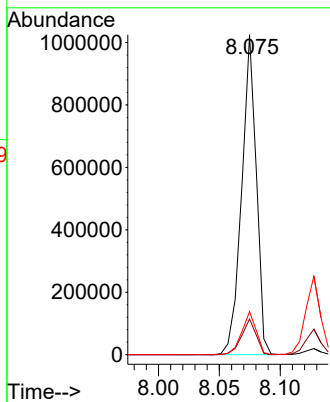
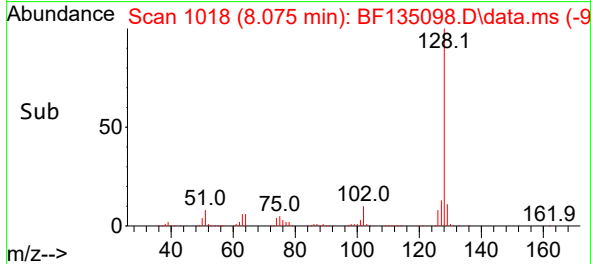
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



Tgt Ion:128 Resp: 85764
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.6 16.0

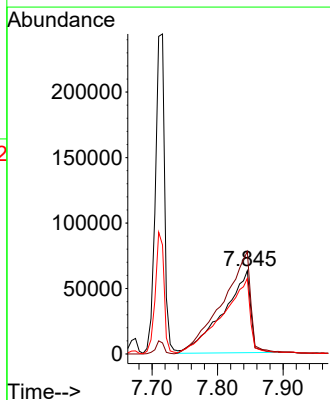
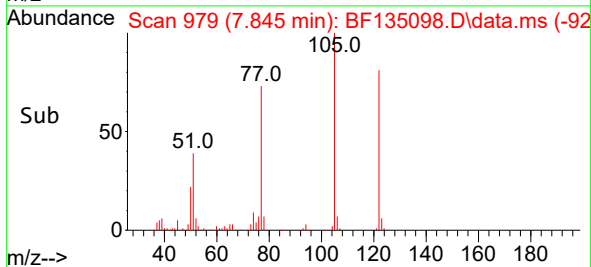
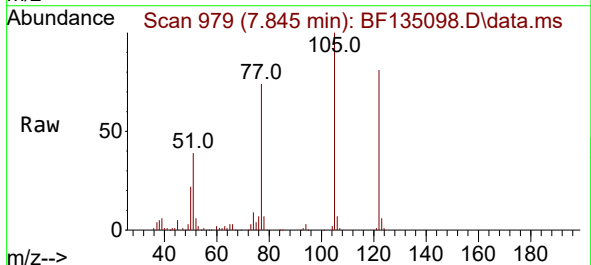
Manual Integrations
APPROVED

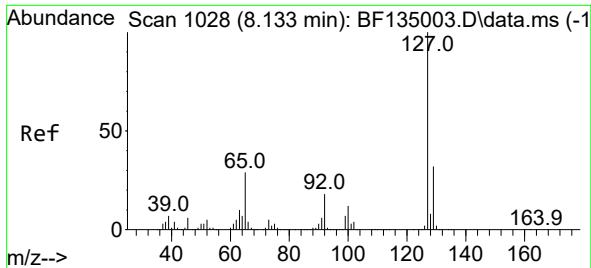
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#32
Benzoic acid
Concen: 43.456 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Tgt Ion:122 Resp: 182902
Ion Ratio Lower Upper
122 100
105 122.9 99.8 139.8
77 90.8 69.5 109.5





#33
4-Chloroaniline
Concen: 29.182 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

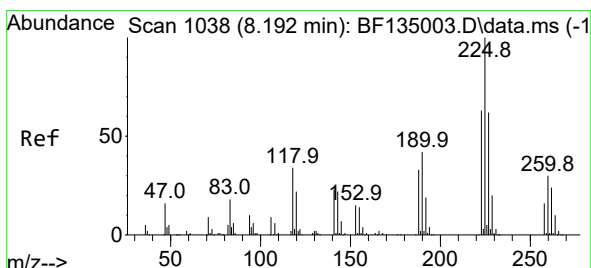
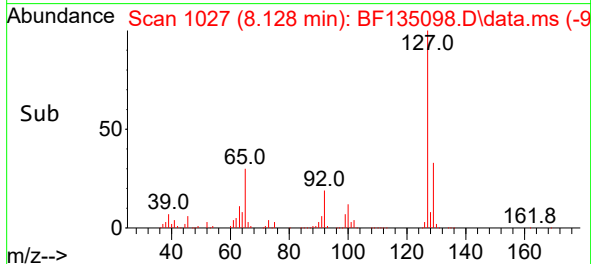
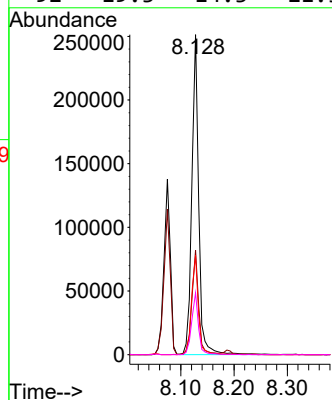
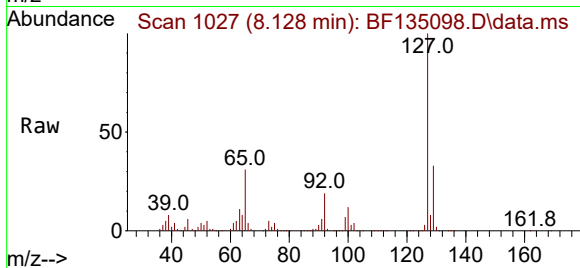
SB-8(12-12.5)MS

Tgt Ion:127 Resp: 225880
Ion Ratio Lower Upper
127 100
129 32.7 25.6 38.4
65 31.0 23.1 34.7
92 19.3 14.3 21.5

Manual Integrations

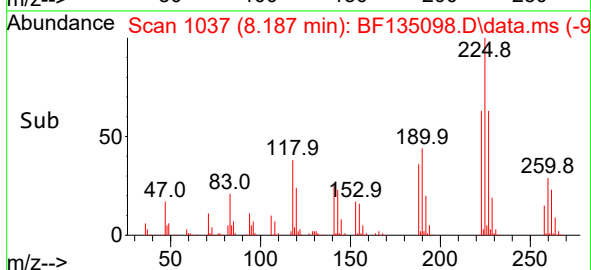
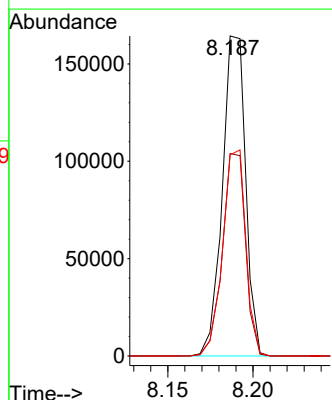
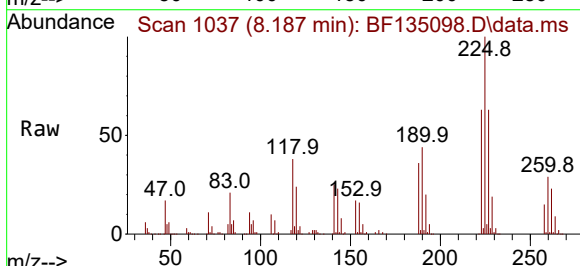
APPROVED

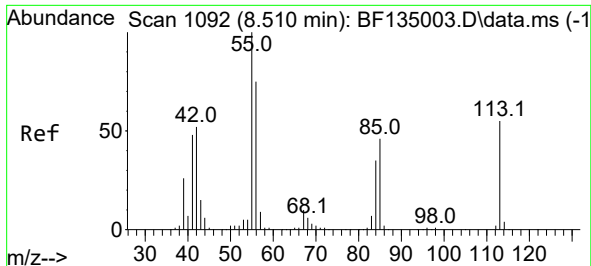
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#34
Hexachlorobutadiene
Concen: 50.949 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

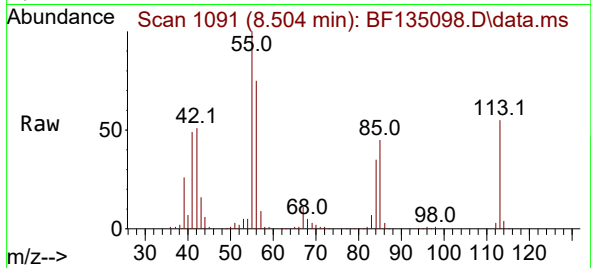
Tgt Ion:225 Resp: 156251
Ion Ratio Lower Upper
225 100
223 63.2 50.7 76.1
227 62.8 49.6 74.4





#35
 Caprolactam
 Concen: 47.437 ng m
 RT: 8.504 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: BF135098.D
 Acq: 05 Sep 2023 16:39

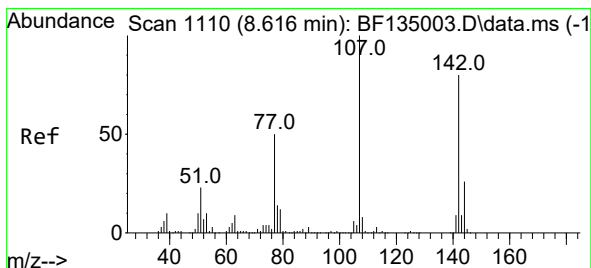
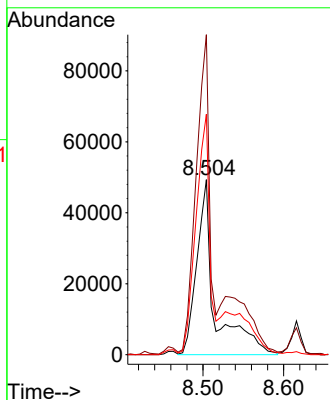
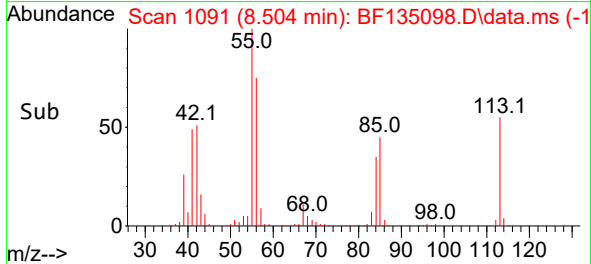
Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MS



Tgt Ion:113 Resp: 7767
 Ion Ratio Lower Upper
 113 100
 55 182.8 160.6 200.6
 56 137.4 115.4 155.4

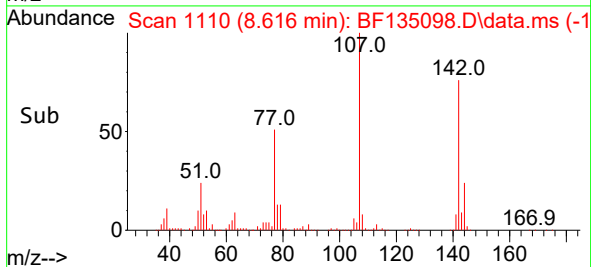
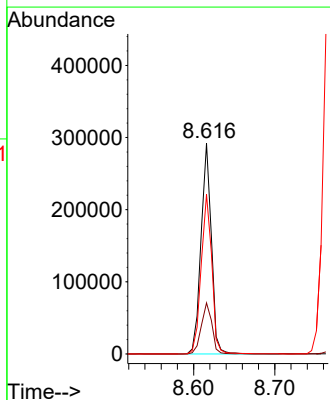
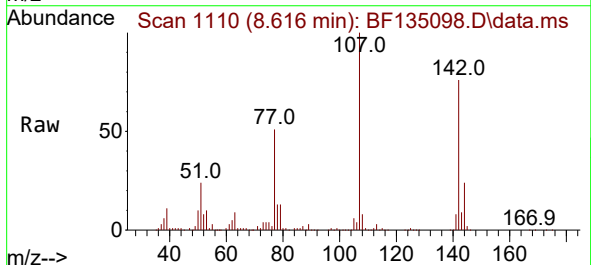
Manual Integrations
 APPROVED

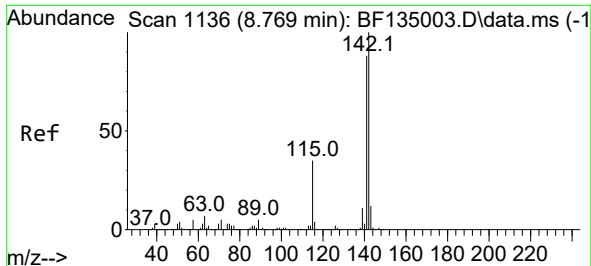
Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023



#36
 4-Chloro-3-methylphenol
 Concen: 47.840 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: BF135098.D
 Acq: 05 Sep 2023 16:39

Tgt Ion:107 Resp: 259840
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.6 31.0
 142 75.7 64.4 96.6





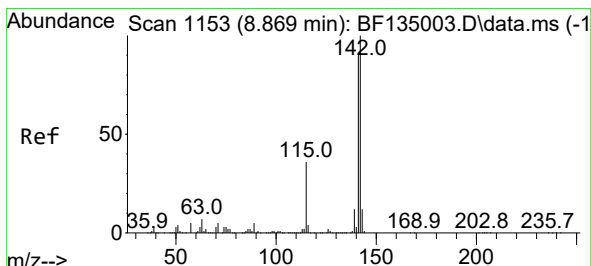
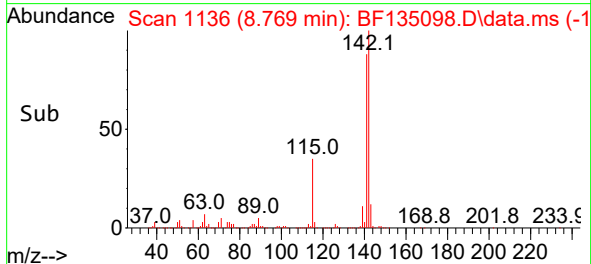
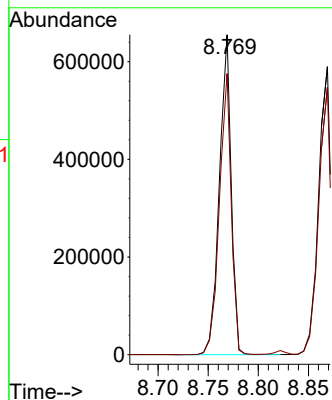
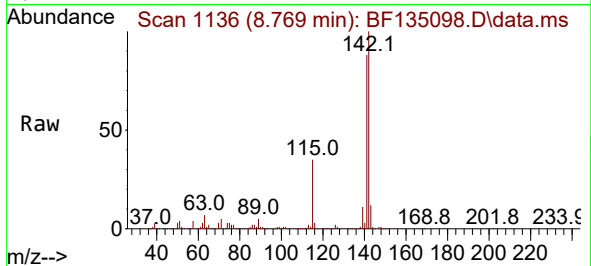
#37
2-Methylnaphthalene
Concen: 45.590 ng
RT: 8.769 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

Tgt Ion:142 Resp: 538334
Ion Ratio Lower Upper
142 100
141 87.8 70.7 106.1

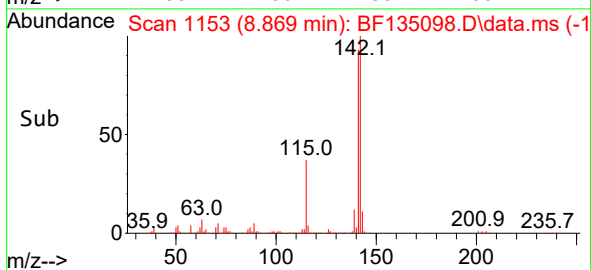
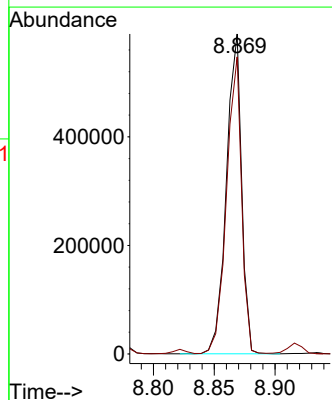
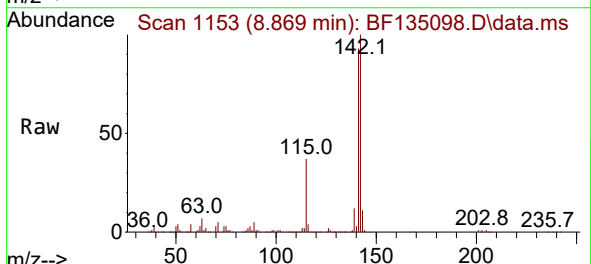
Manual Integrations
APPROVED

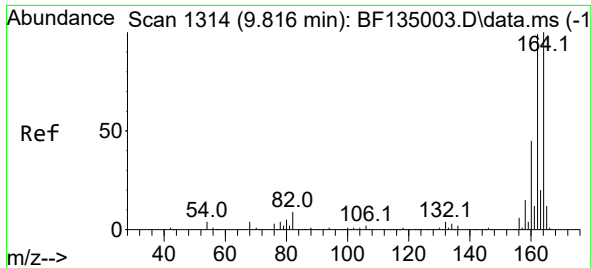
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#38
1-Methylnaphthalene
Concen: 46.279 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Tgt Ion:142 Resp: 511311
Ion Ratio Lower Upper
142 100
141 92.8 73.0 109.4





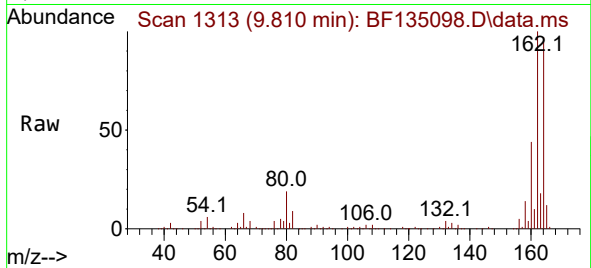
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

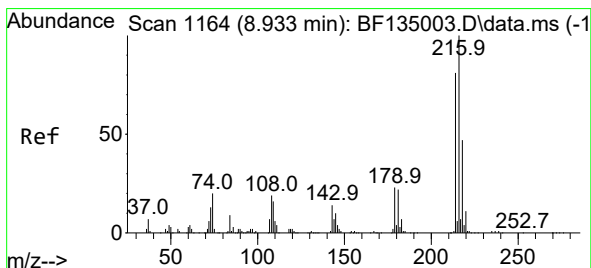
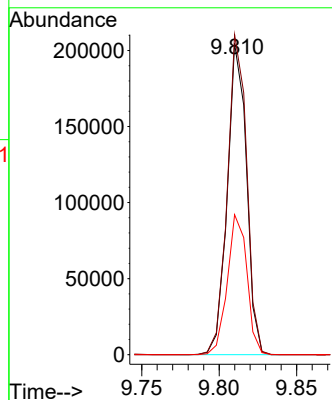
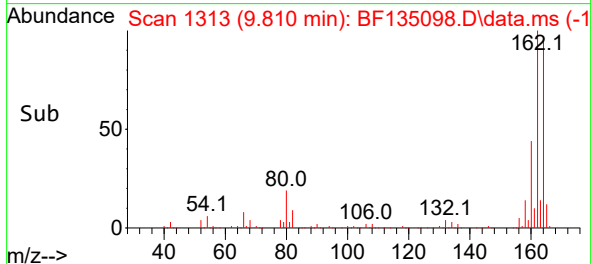


Tgt Ion:164 Resp: 175880
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 45.0 36.0 54.0

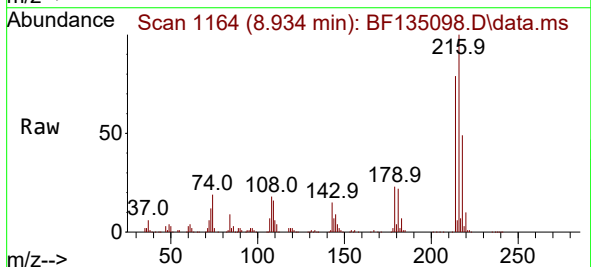
Manual Integrations

APPROVED

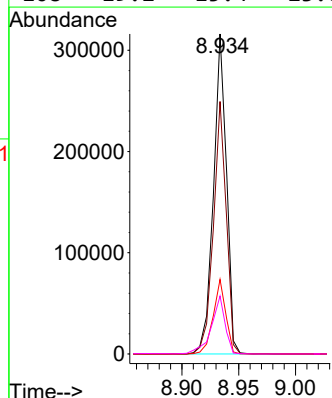
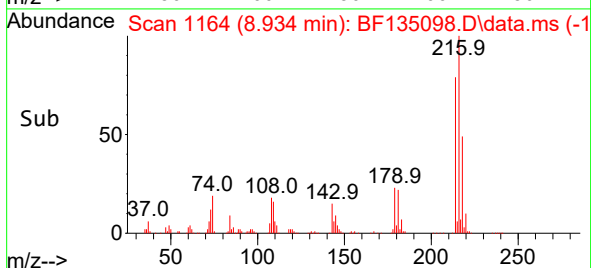
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

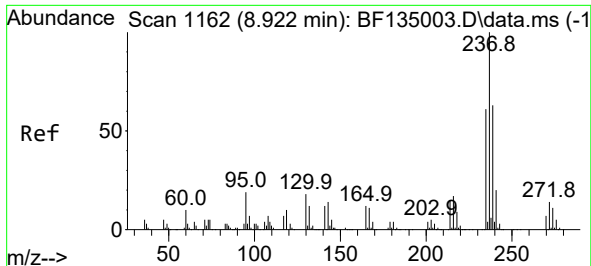


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.941 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



Tgt Ion:216 Resp: 250811
Ion Ratio Lower Upper
216 100
214 77.7 63.8 95.8
179 22.5 17.7 26.5
108 19.2 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 62.954 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

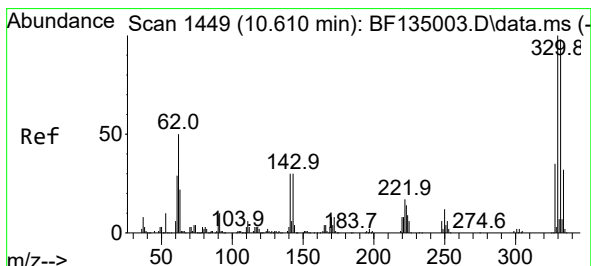
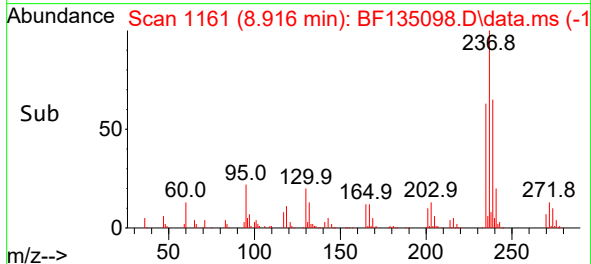
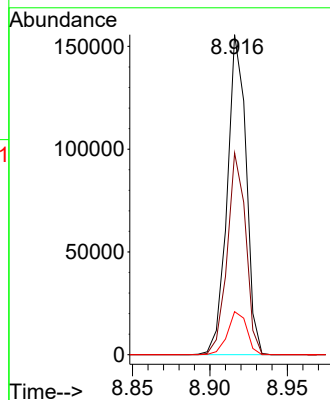
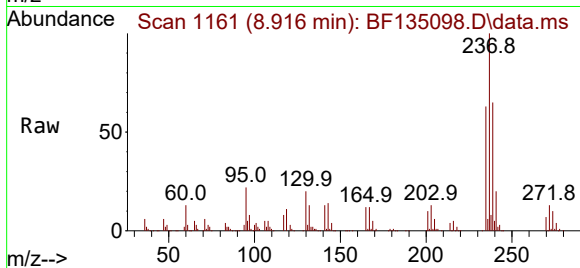
SB-8(12-12.5)MS

Tgt Ion:	237	Resp:	131924
Ion Ratio	Lower	Upper	
237	100		
235	63.1	40.9	80.9
272	13.4	0.0	33.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#42

2,4,6-Tribromophenol

Concen: 97.156 ng

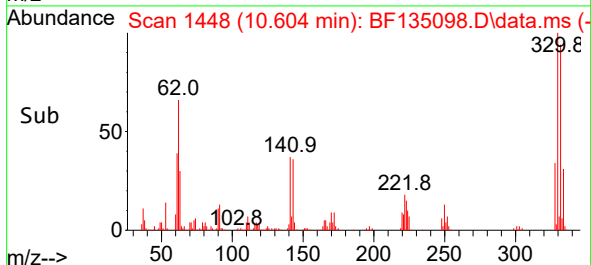
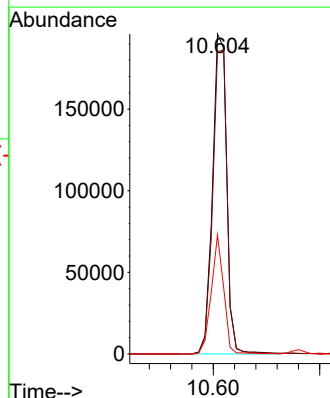
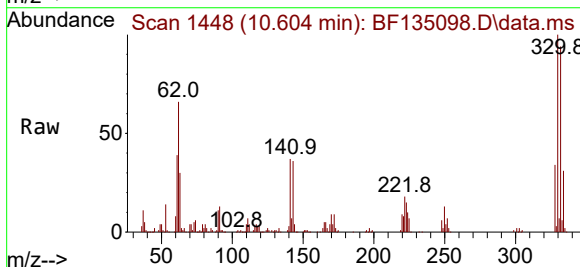
RT: 10.604 min Scan# 1448

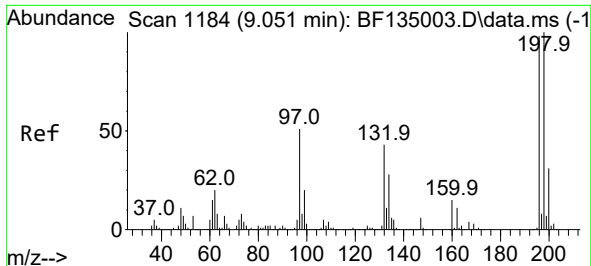
Delta R.T. -0.006 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

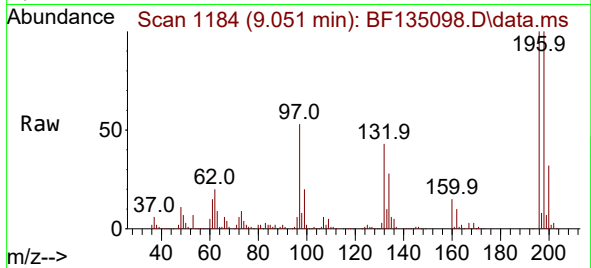
Tgt Ion:	330	Resp:	181266
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.6	116.4
141	32.5	26.3	39.5





#43
2,4,6-Trichlorophenol
Concen: 50.596 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

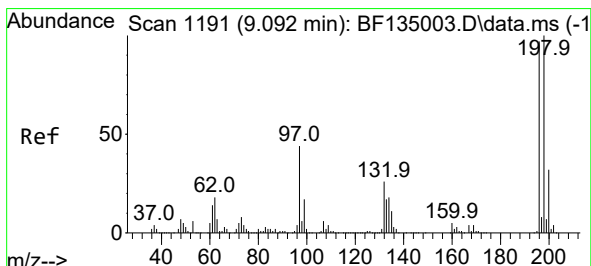
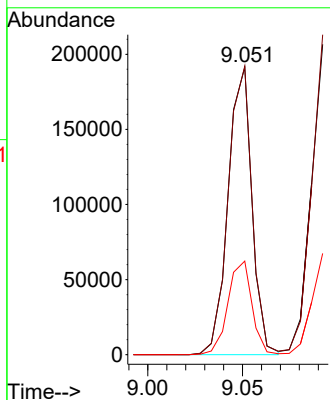
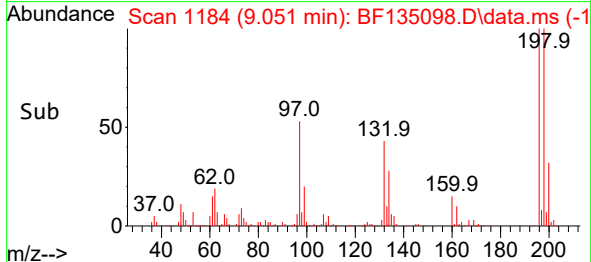
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



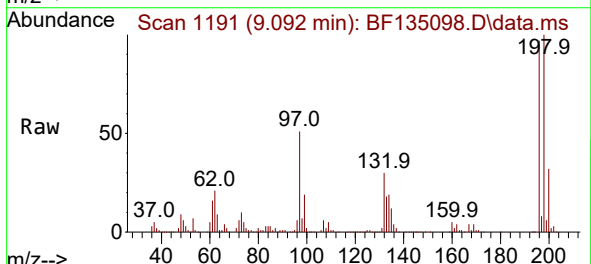
Tgt Ion:196 Resp: 167299
Ion Ratio Lower Upper
196 100
198 100.4 81.8 122.6
200 32.6 25.7 38.5

Manual Integrations
APPROVED

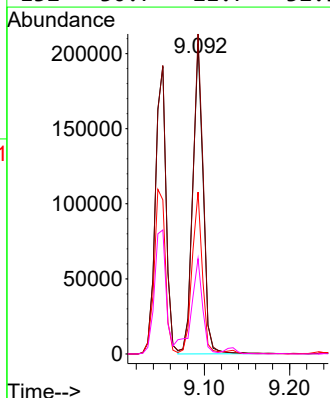
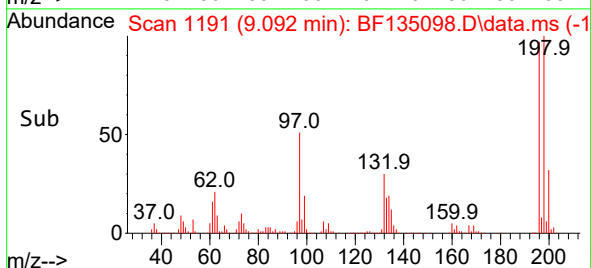
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

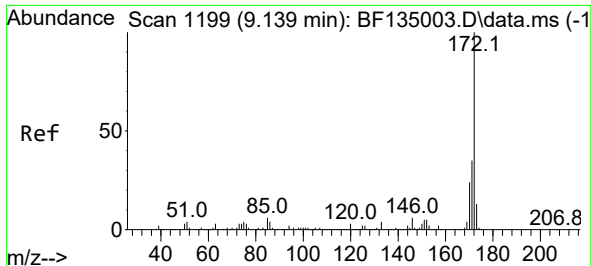


#44
2,4,5-Trichlorophenol
Concen: 45.878 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



Tgt Ion:196 Resp: 175627
Ion Ratio Lower Upper
196 100
198 103.1 82.8 124.2
97 52.2 36.5 54.7
132 30.7 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 71.855 ng

RT: 9.133 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion:172 Resp: 776225

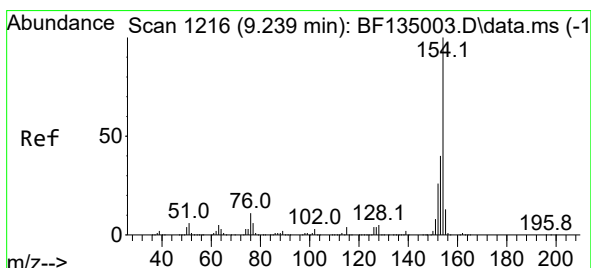
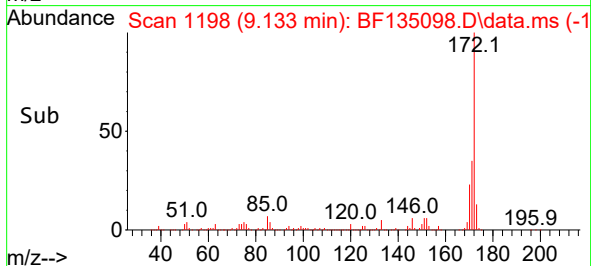
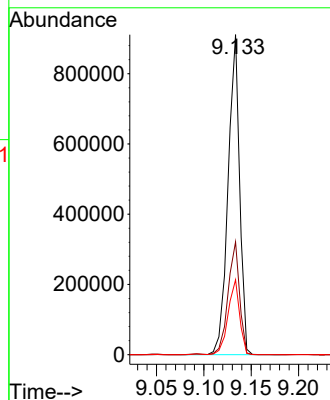
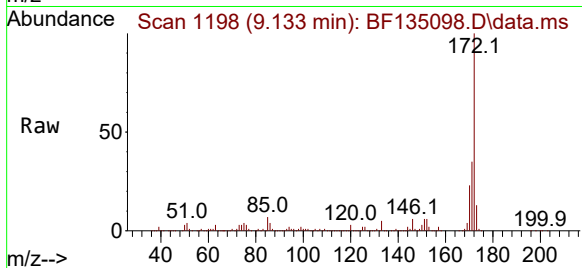
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.4	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#46

1,1'-Biphenyl

Concen: 50.467 ng

RT: 9.233 min Scan# 1215

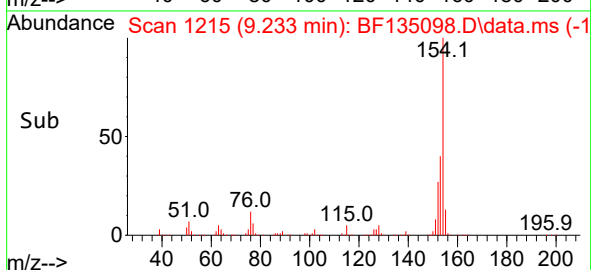
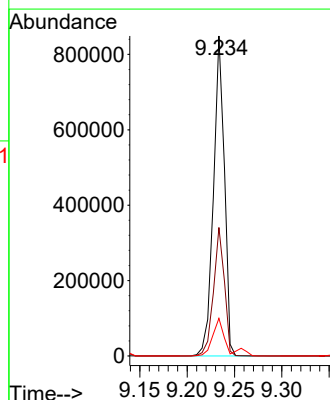
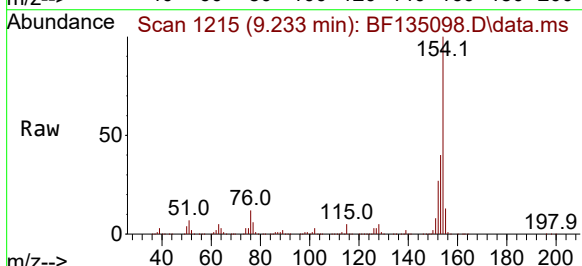
Delta R.T. -0.006 min

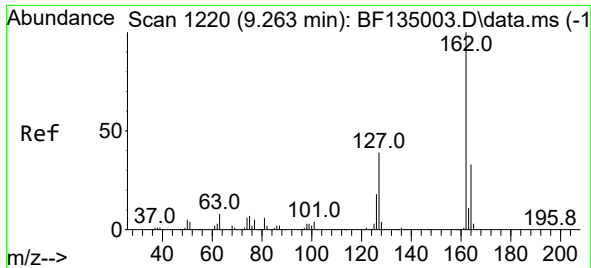
Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Tgt Ion:154 Resp: 678152

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.2	60.2
76	11.8	0.0	31.2





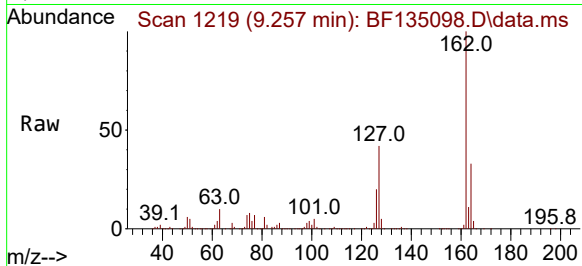
#47
2-Chloronaphthalene
Concen: 50.872 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

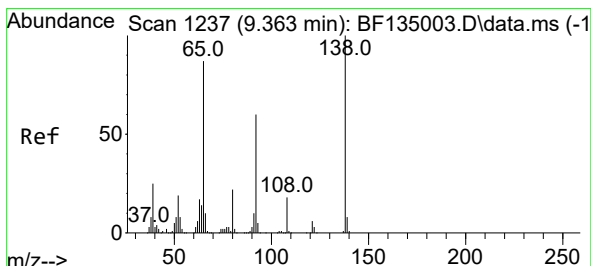
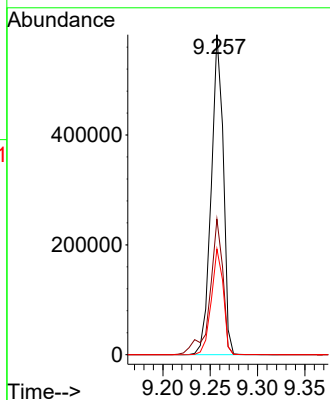
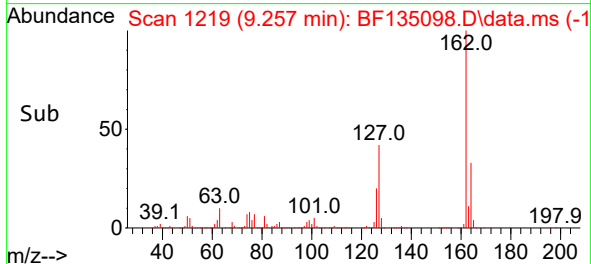
SB-8(12-12.5)MS



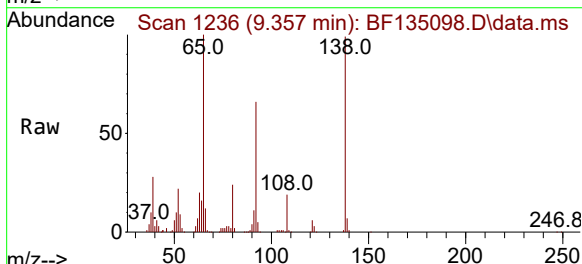
Tgt Ion:162 Resp: 51406
Ion Ratio Lower Upper
162 100
127 42.3 31.8 47.6
164 33.1 26.6 39.8

Manual Integrations
APPROVED

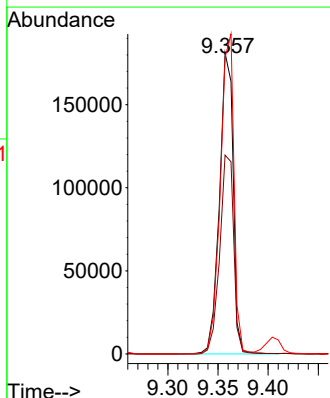
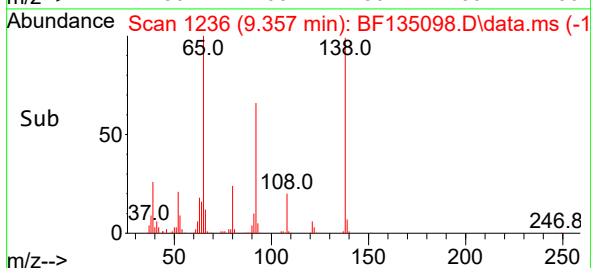
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

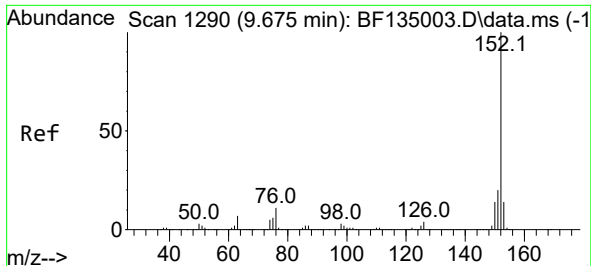


#48
2-Nitroaniline
Concen: 49.714 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



Tgt Ion: 65 Resp: 171968
Ion Ratio Lower Upper
65 100
92 66.1 54.9 82.3
138 98.5 91.6 137.4





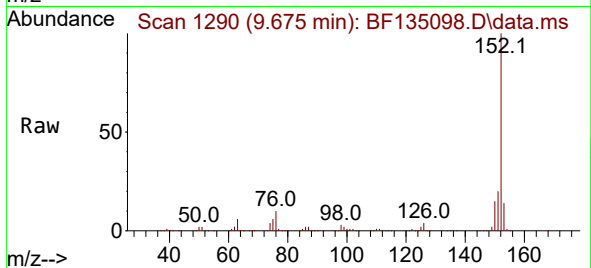
#49
Acenaphthylene
Concen: 50.489 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

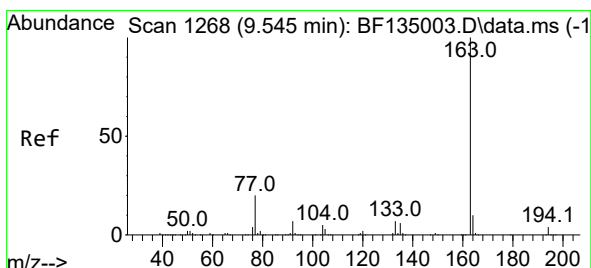
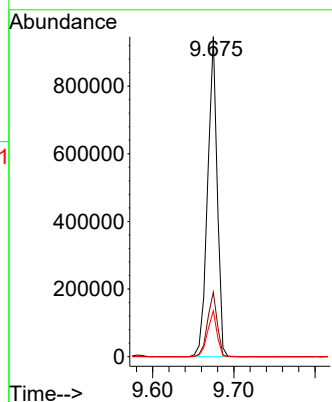
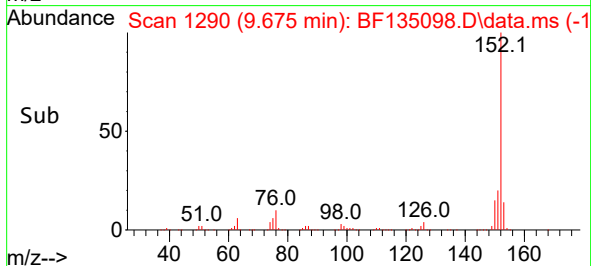


Tgt Ion:152 Resp: 771229
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 14.3 11.4 17.0

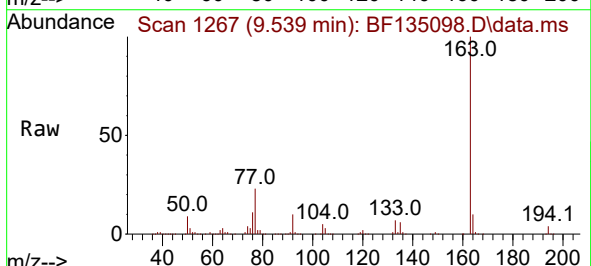
Manual Integrations

APPROVED

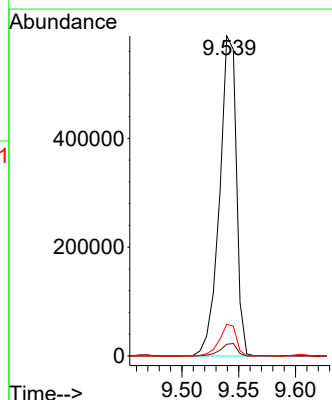
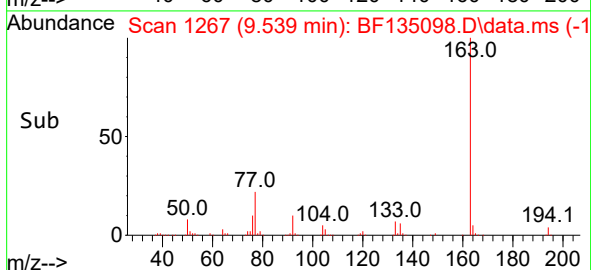
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

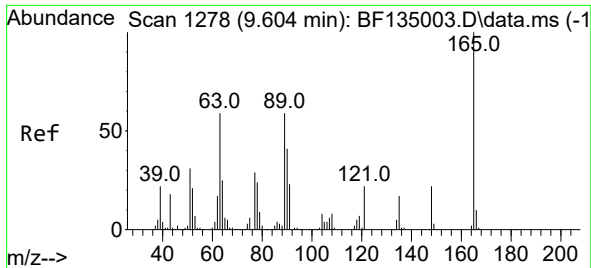


#50
Dimethylphthalate
Concen: 49.292 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



Tgt Ion:163 Resp: 607051
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.9 8.1 12.1





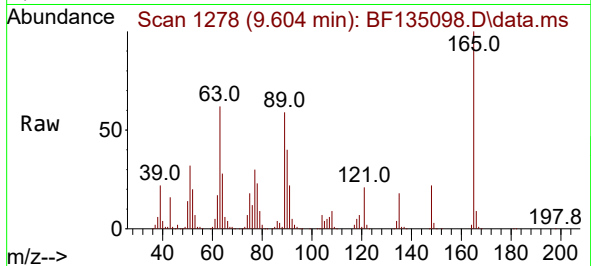
#51
2,6-Dinitrotoluene
Concen: 49.310 ng
RT: 9.604 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

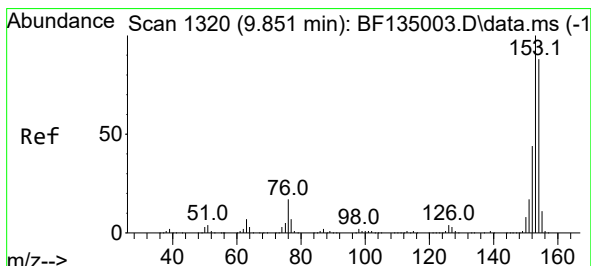
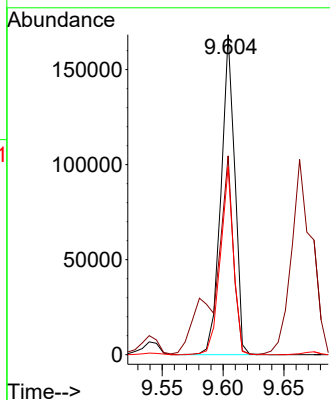
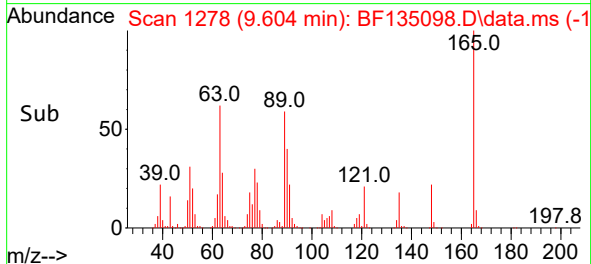


Tgt Ion:165 Resp: 133250
Ion Ratio Lower Upper
165 100
63 62.2 50.4 75.6
89 58.7 47.1 70.7

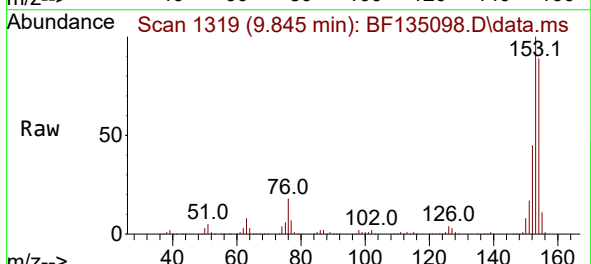
Manual Integrations

APPROVED

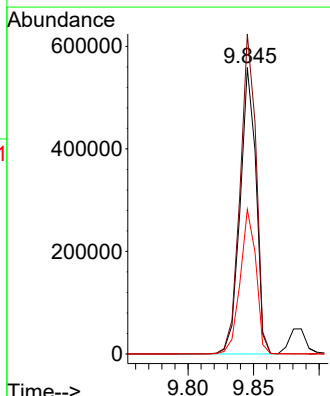
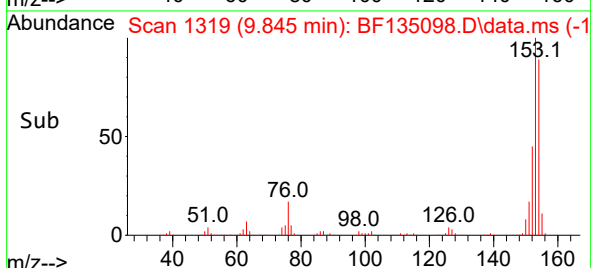
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

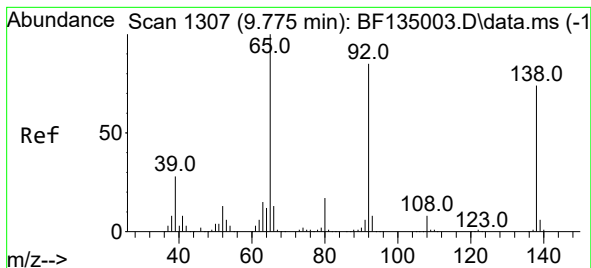


#52
Acenaphthene
Concen: 48.425 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



Tgt Ion:154 Resp: 471390
Ion Ratio Lower Upper
154 100
153 111.8 90.8 136.2
152 50.5 40.2 60.4





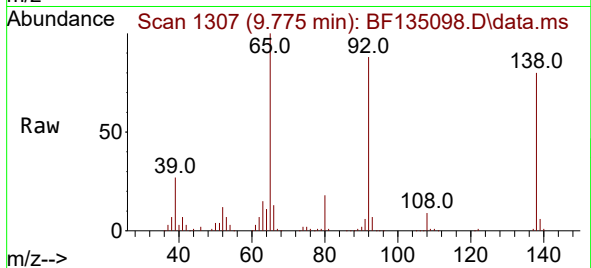
#53
3-Nitroaniline
Concen: 36.760 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS



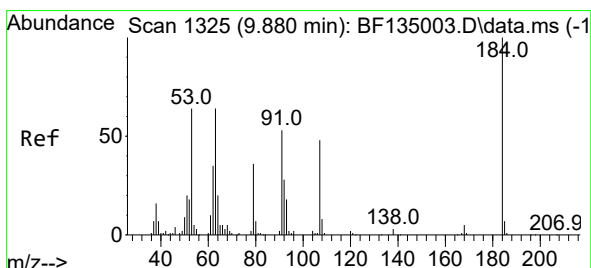
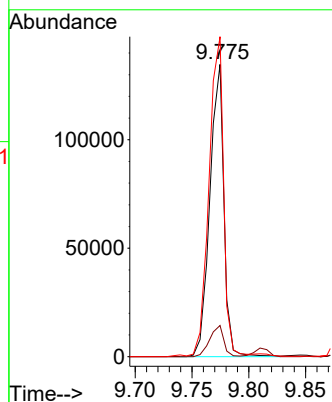
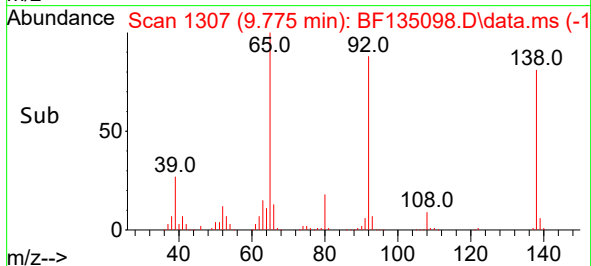
Tgt Ion:138 Resp: 115710
Ion Ratio Lower Upper
138 100
108 10.7 8.6 13.0
92 109.4 92.2 138.4

Manual Integrations

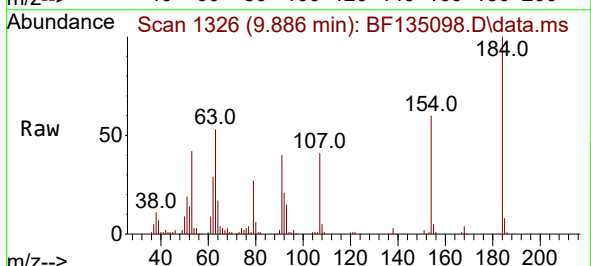
APPROVED

Reviewed By :Yogesh Patel 09/06/2023

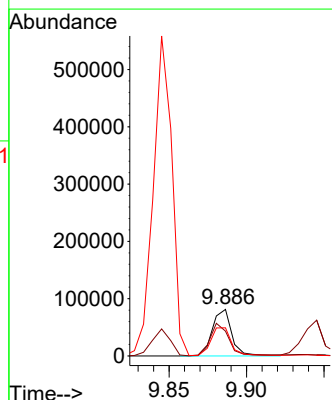
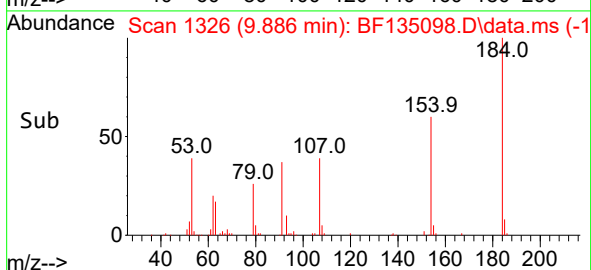
Supervised By :mohammad ahmed 09/07/2023

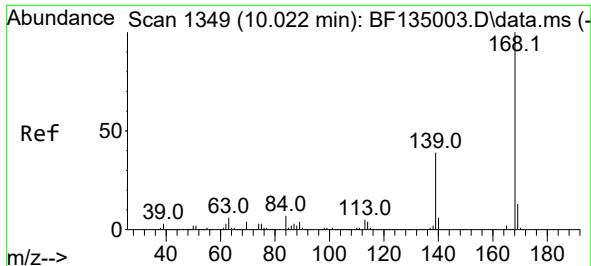


#54
2,4-Dinitrophenol
Concen: 55.330 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



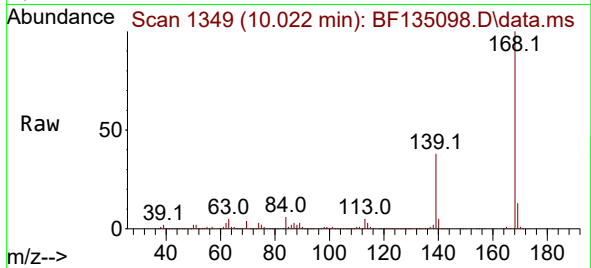
Tgt Ion:184 Resp: 71459
Ion Ratio Lower Upper
184 100
63 53.3 62.2 93.2#
154 60.4 52.3 78.5





#55
Dibenzenofuran
Concen: 48.536 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

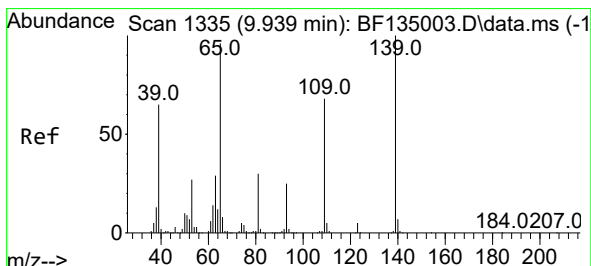
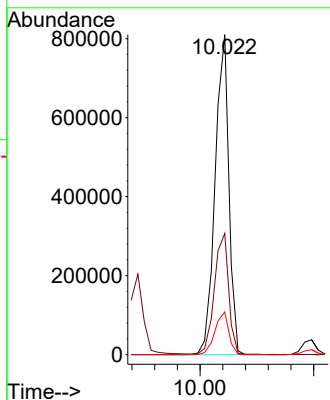
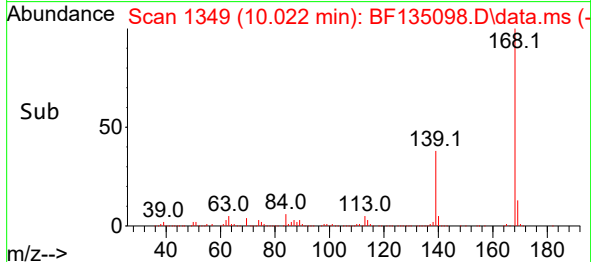
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



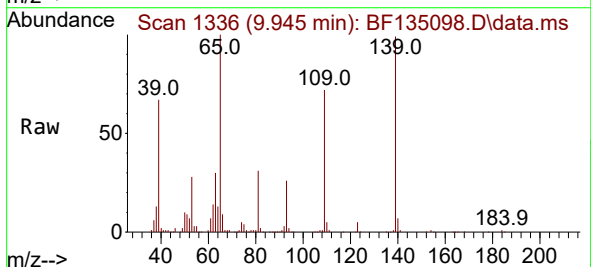
Tgt Ion:168 Resp: 681564
Ion Ratio Lower Upper
168 100
139 37.9 31.5 47.3
169 13.3 10.7 16.1

Manual Integrations
APPROVED

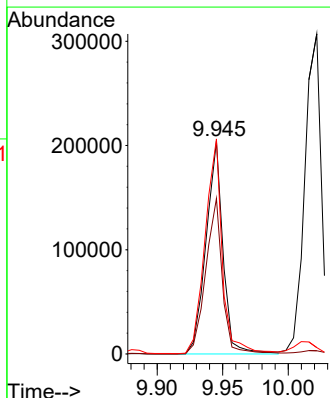
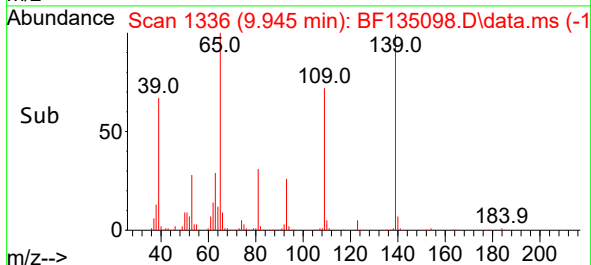
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

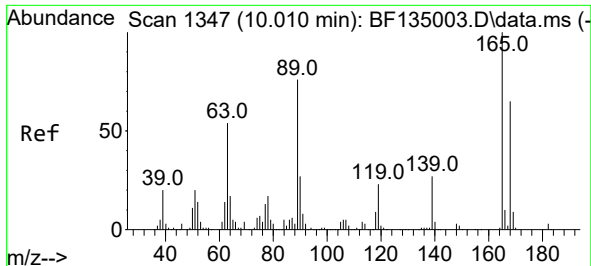


#56
4-Nitrophenol
Concen: 83.211 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



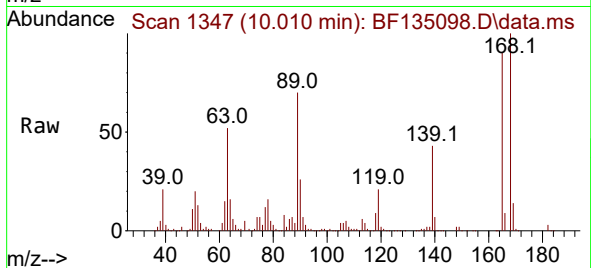
Tgt Ion:139 Resp: 184123
Ion Ratio Lower Upper
139 100
109 73.1 47.7 87.7
65 101.1 75.9 115.9





#57
2,4-Dinitrotoluene
Concen: 49.034 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

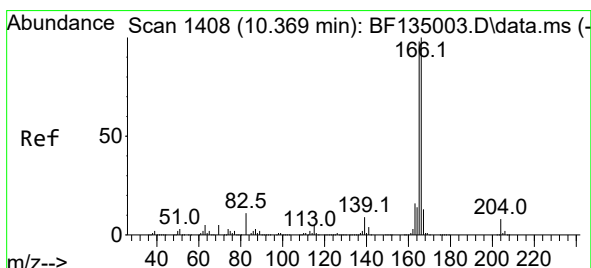
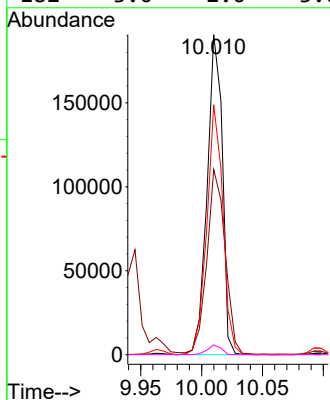
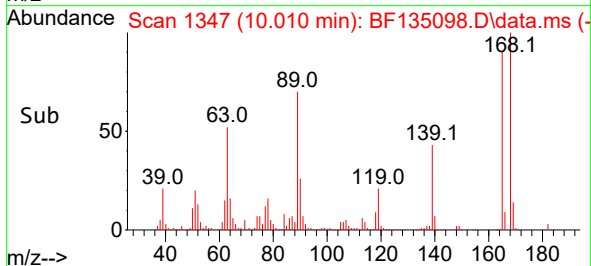
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



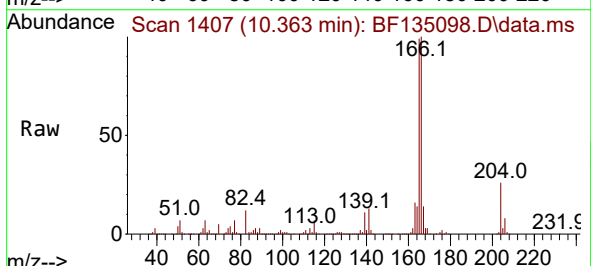
Tgt Ion:165 Resp: 165128
Ion Ratio Lower Upper
165 100
63 57.9 43.2 64.8
89 78.1 60.8 91.2
182 3.0 2.0 3.0#

Manual Integrations
APPROVED

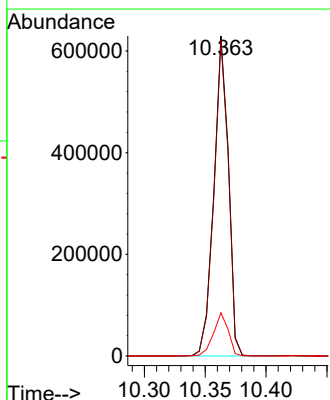
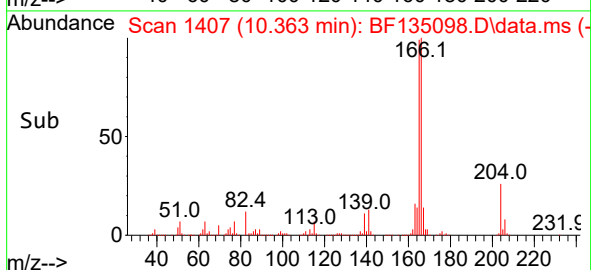
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

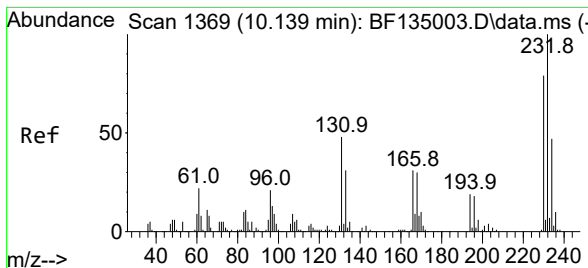


#58
Fluorene
Concen: 49.134 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



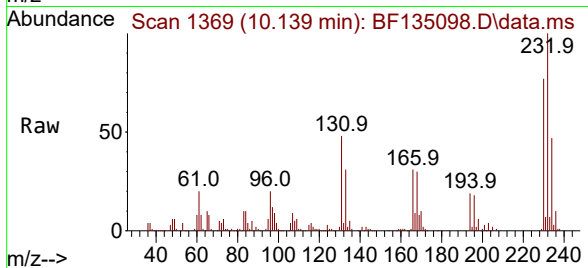
Tgt Ion:166 Resp: 526004
Ion Ratio Lower Upper
166 100
165 98.6 78.0 117.0
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.295 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

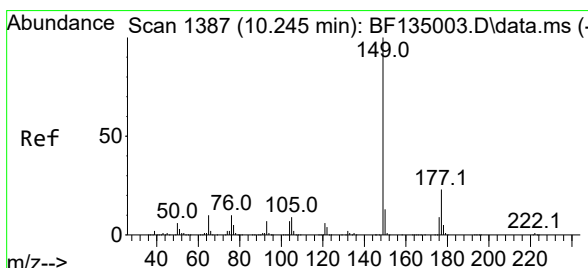
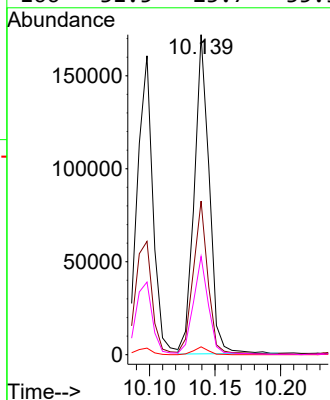
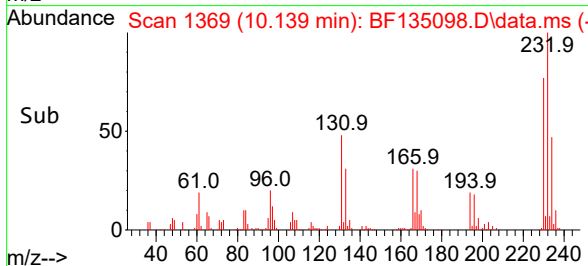
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



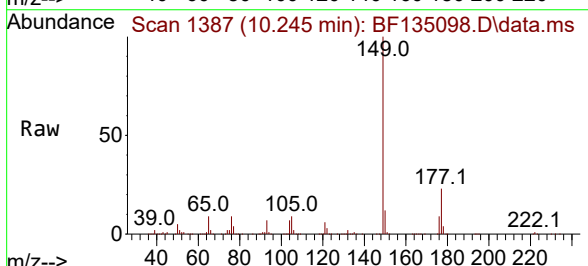
Tgt Ion:232 Resp: 136461
Ion Ratio Lower Upper
232 100
131 47.4 35.3 52.9
130 2.4 1.7 2.5
166 31.5 23.7 35.5

Manual Integrations
APPROVED

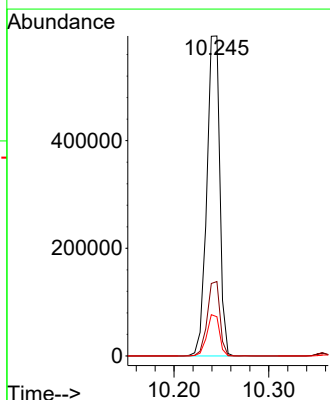
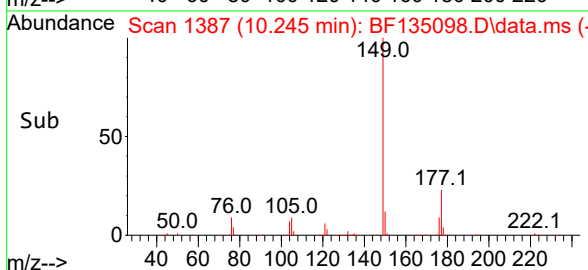
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

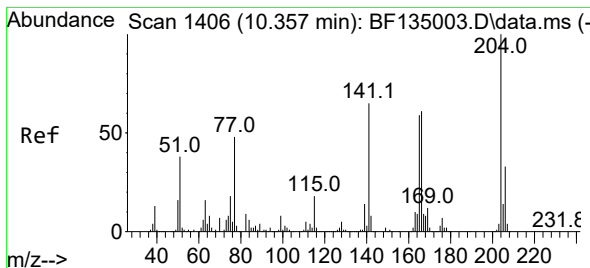


#60
Diethylphthalate
Concen: 48.423 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



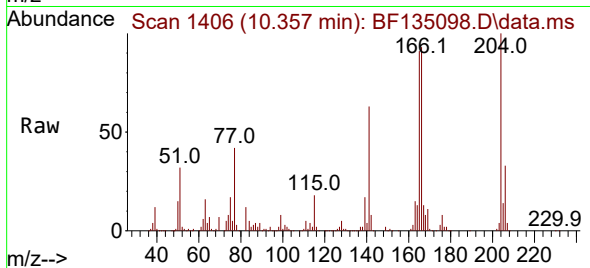
Tgt Ion:149 Resp: 561367
Ion Ratio Lower Upper
149 100
177 23.2 18.5 27.7
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.655 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

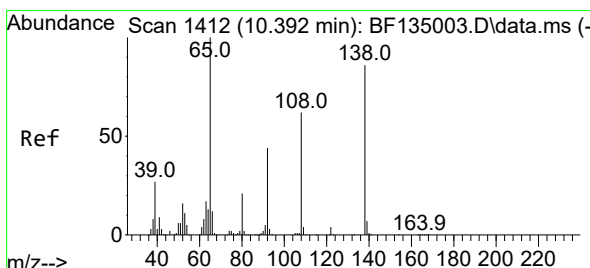
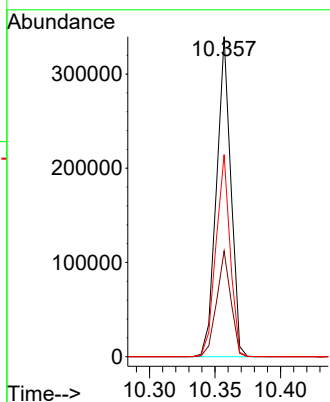
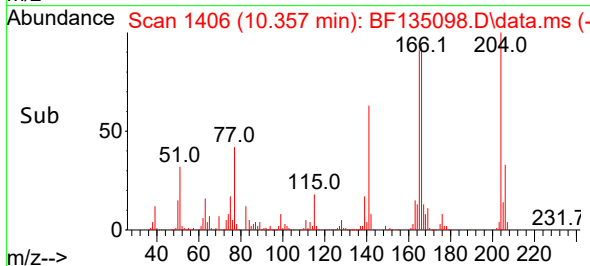
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



Tgt Ion:204 Resp: 25764
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 63.1 51.8 77.6

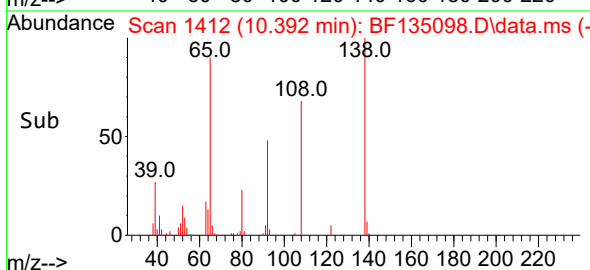
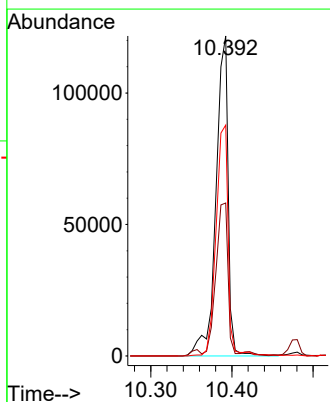
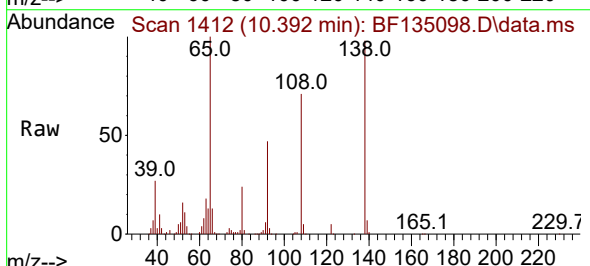
Manual Integrations
APPROVED

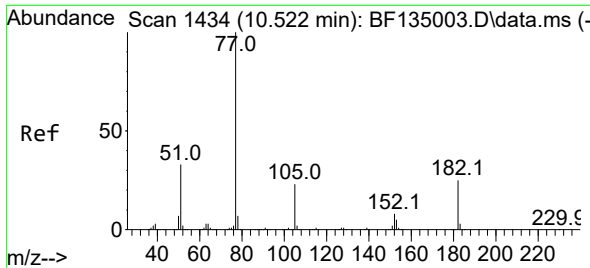
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#62
4-Nitroaniline
Concen: 41.428 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Tgt Ion:138 Resp: 127602
Ion Ratio Lower Upper
138 100
92 47.8 30.7 70.7
108 72.1 51.7 91.7





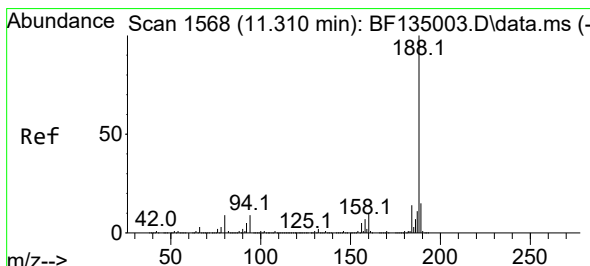
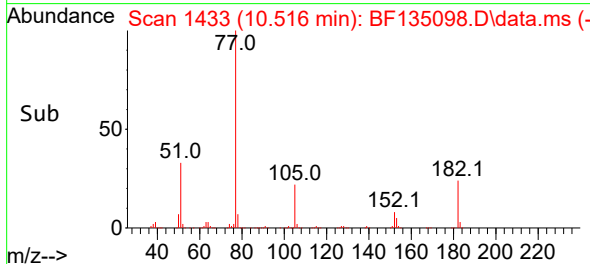
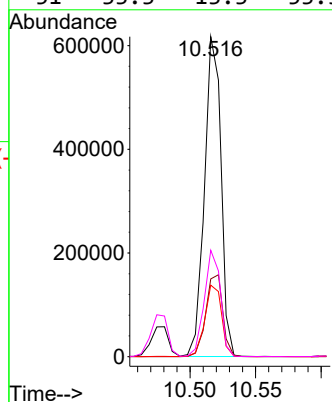
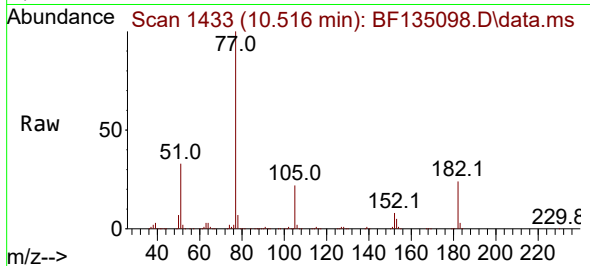
#63
Azobenzene
Concen: 46.537 ng
RT: 10.516 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

Tgt Ion: 77 Resp: 543220
Ion Ratio Lower Upper
77 100
182 24.3 4.9 44.9
105 22.4 2.7 42.7
51 33.3 13.3 53.3

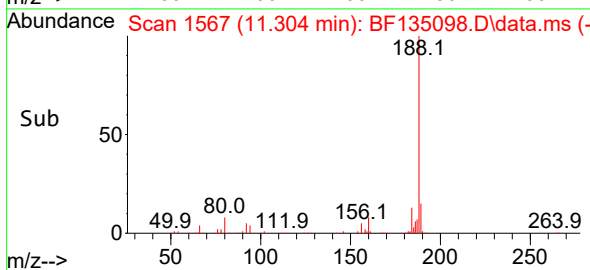
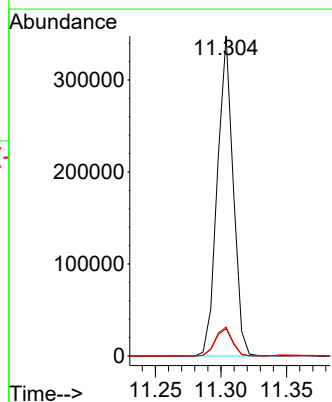
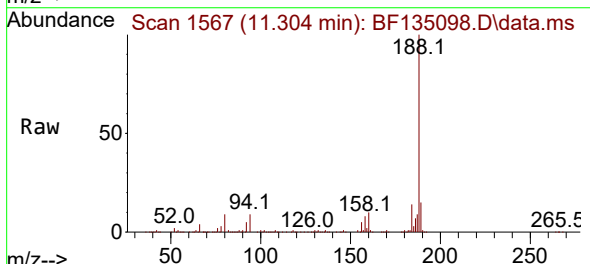
Manual Integrations
APPROVED

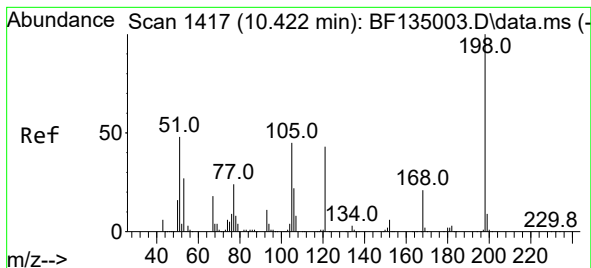
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Tgt Ion:188 Resp: 291131
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.1 7.4 11.2





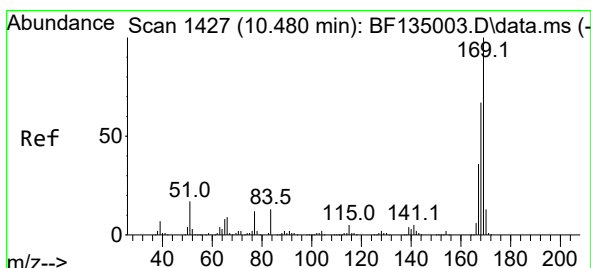
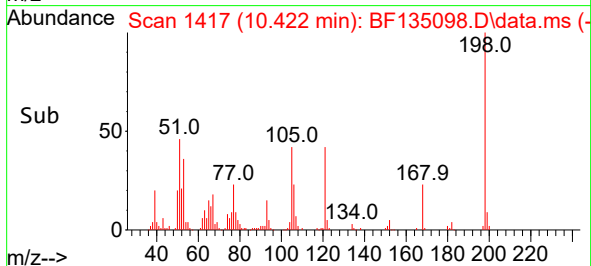
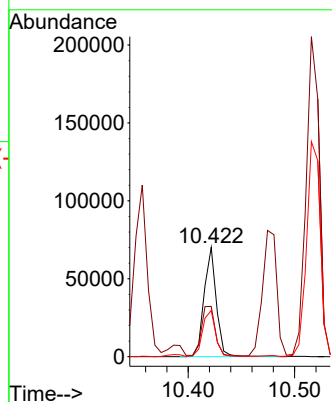
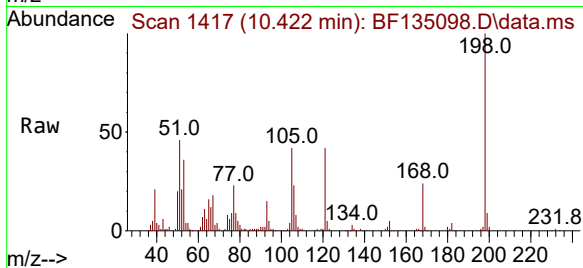
#65
4,6-Dinitro-2-methylphenol
Concen: 31.877 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

Tgt Ion:198 Resp: 5616
Ion Ratio Lower Upper
198 100
51 46.0 35.7 75.7
105 42.3 25.9 65.9

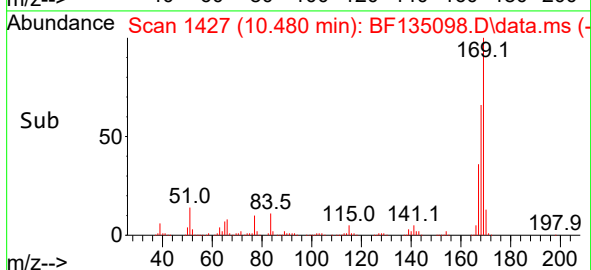
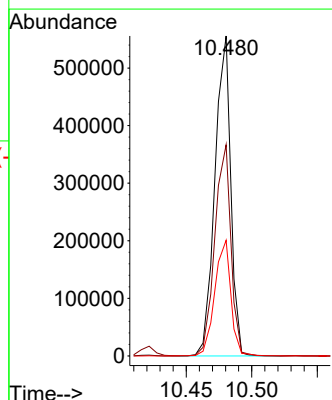
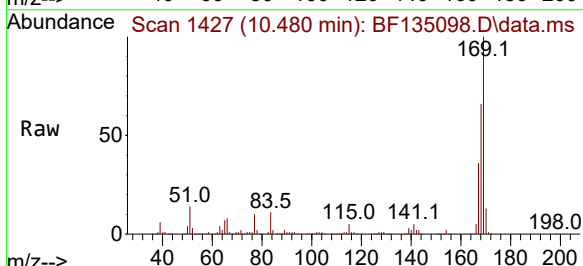
Manual Integrations
APPROVED

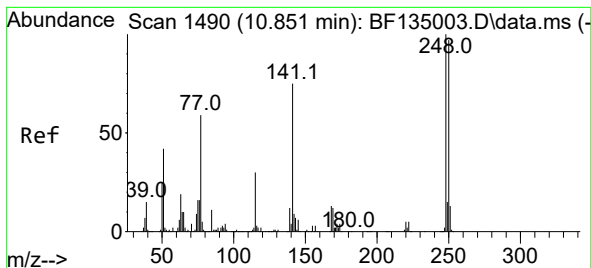
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#66
n-Nitrosodiphenylamine
Concen: 51.533 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

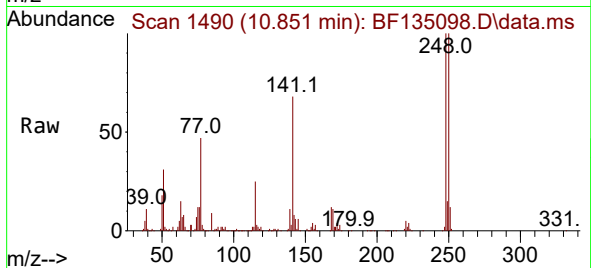
Tgt Ion:169 Resp: 466485
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 36.1 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 50.892 ng
RT: 10.851 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

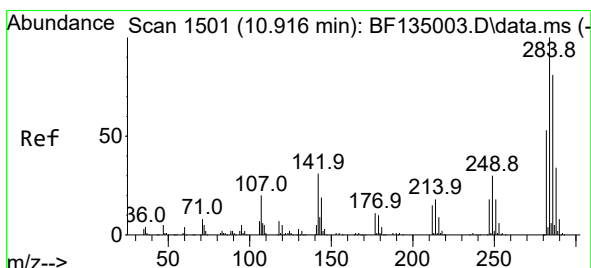
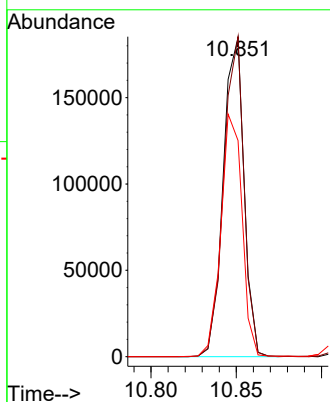
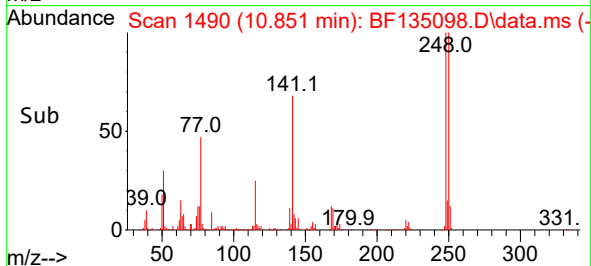
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



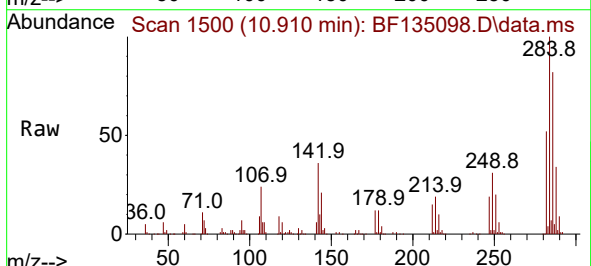
Tgt Ion:248 Resp: 157150
Ion Ratio Lower Upper
248 100
250 100.3 77.9 116.9
141 67.7 59.8 89.8

Manual Integrations
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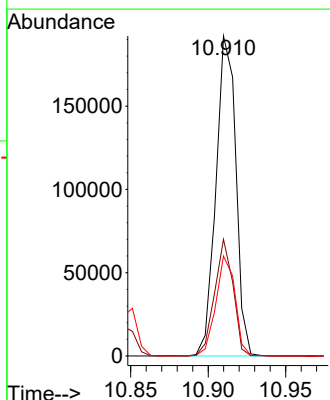
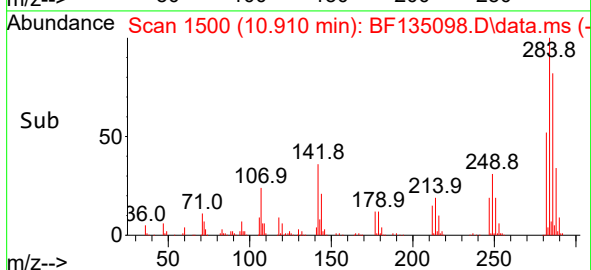
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

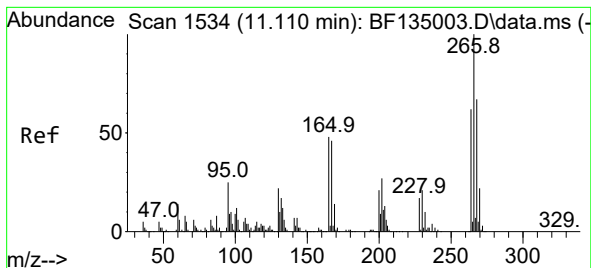


#68
Hexachlorobenzene
Concen: 53.734 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



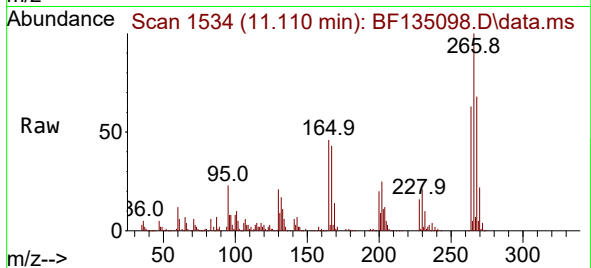
Tgt Ion:284 Resp: 171568
Ion Ratio Lower Upper
284 100
142 36.5 25.1 37.7
249 31.2 24.1 36.1





#70
Pentachlorophenol
Concen: 70.217 ng
RT: 11.110 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

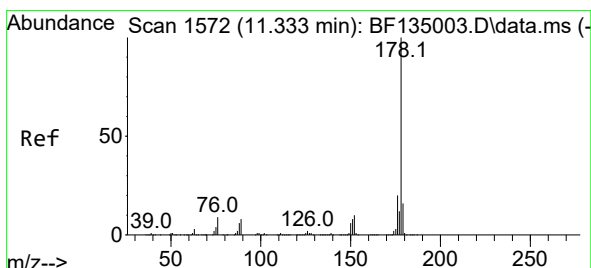
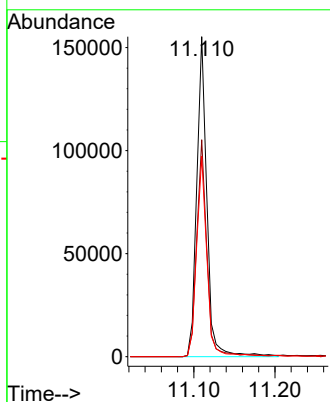
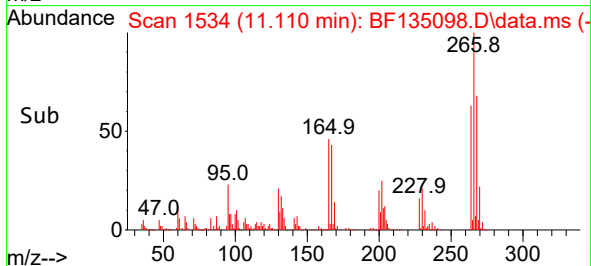
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



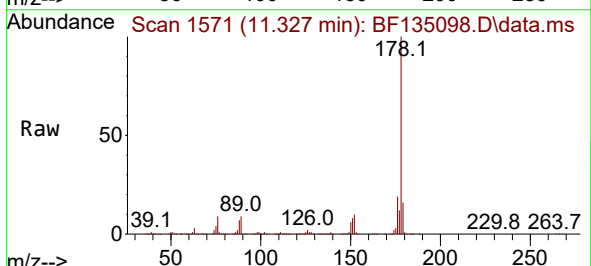
Tgt Ion:266 Resp: 135638
Ion Ratio Lower Upper
266 100
268 67.8 53.3 79.9
264 62.6 49.3 73.9

Manual Integrations
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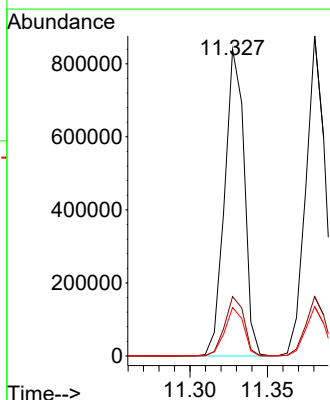
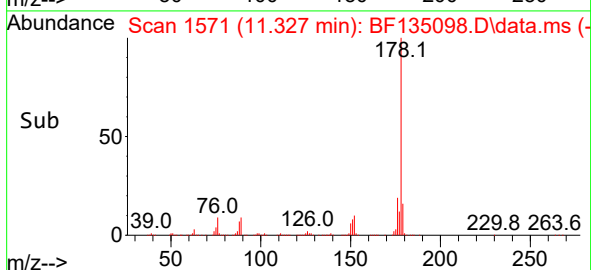
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

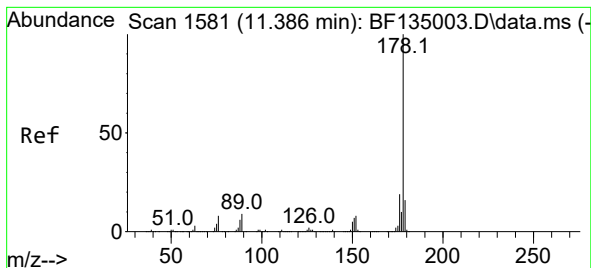


#71
Phenanthrene
Concen: 49.124 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



Tgt Ion:178 Resp: 737826
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.8 12.5 18.7





#72

Anthracene

Concen: 48.496 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

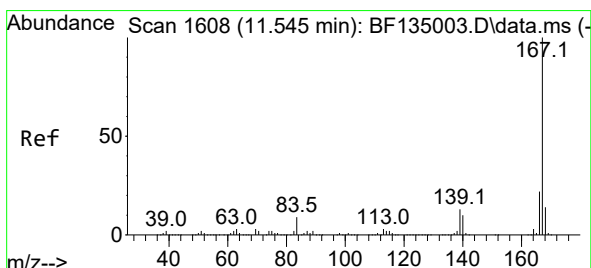
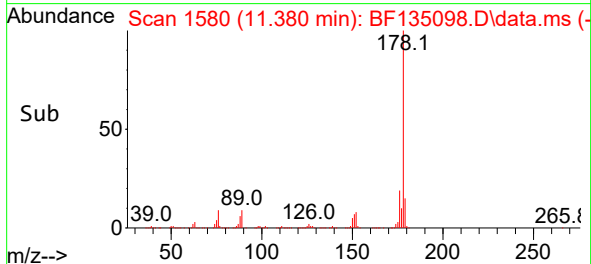
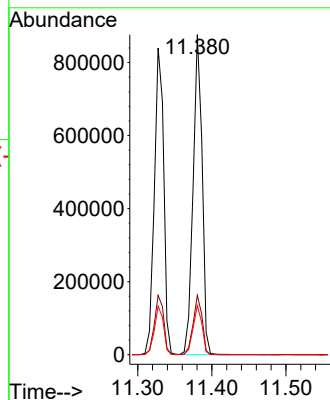
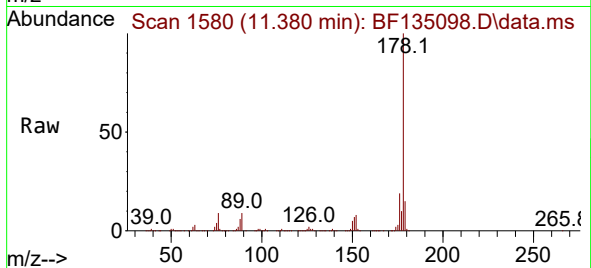
Tgt Ion:178 Resp: 744207
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.4 12.8 19.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#73

Carbazole

Concen: 46.567 ng

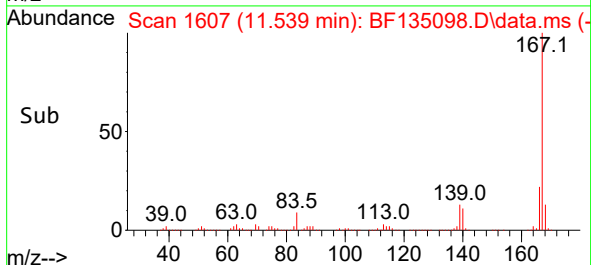
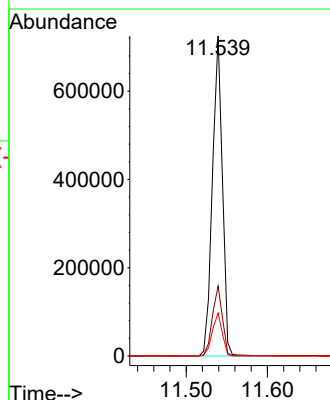
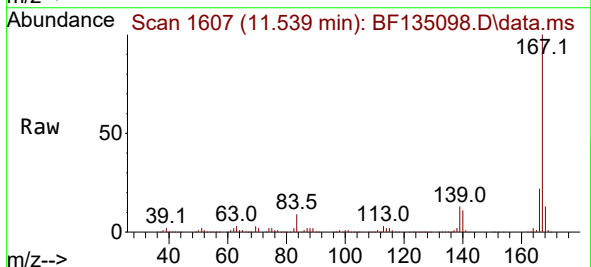
RT: 11.539 min Scan# 1607

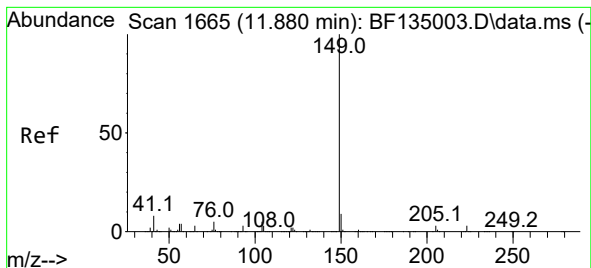
Delta R.T. -0.006 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Tgt Ion:167 Resp: 616348
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.4 10.3 15.5





#74

Di-n-butylphthalate

Concen: 50.069 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion:149 Resp: 798850

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

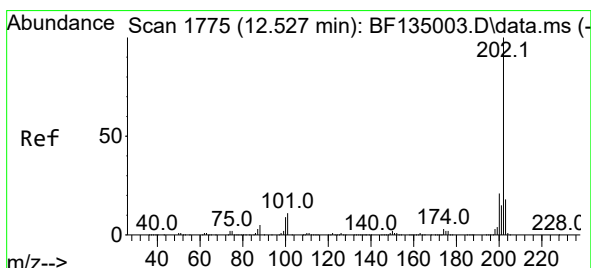
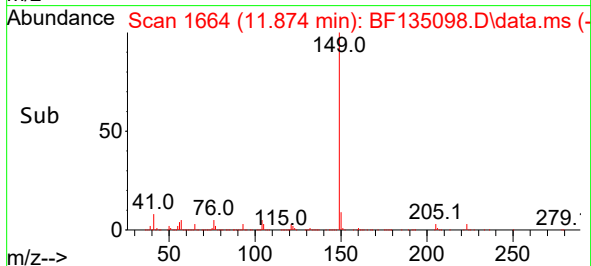
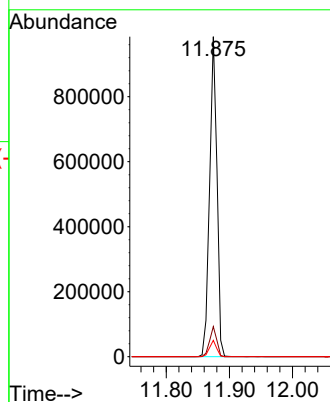
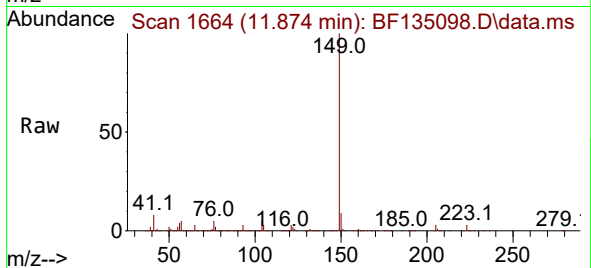
104 5.1 4.0 6.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#75

Fluoranthene

Concen: 41.811 ng

RT: 12.522 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

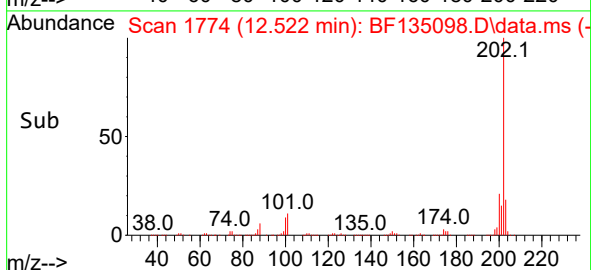
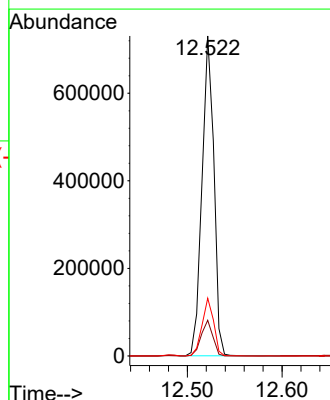
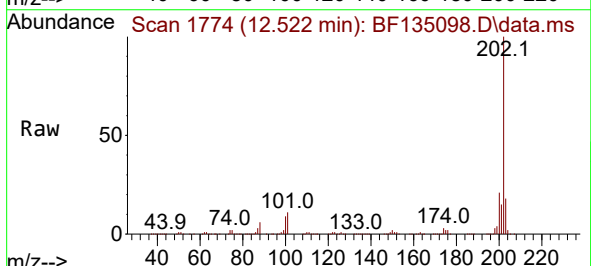
Tgt Ion:202 Resp: 634926

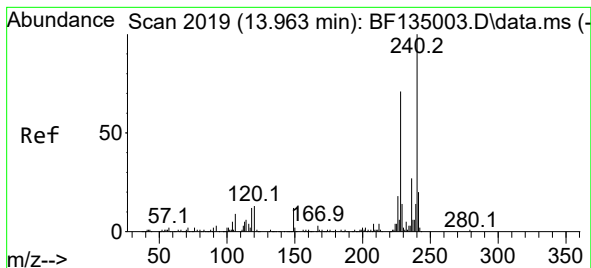
Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.5

203 18.1 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

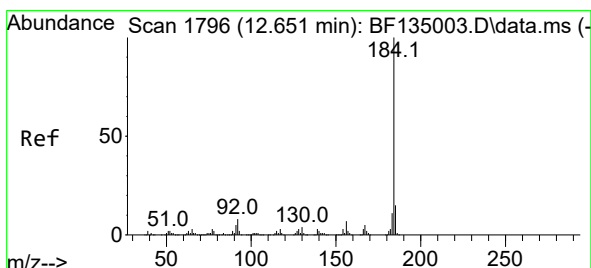
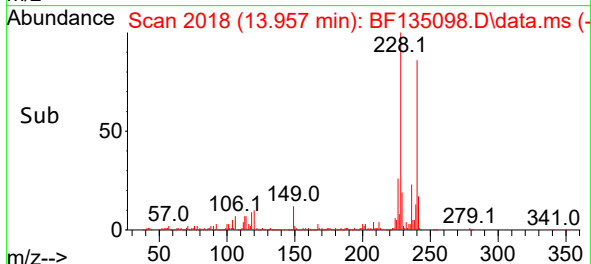
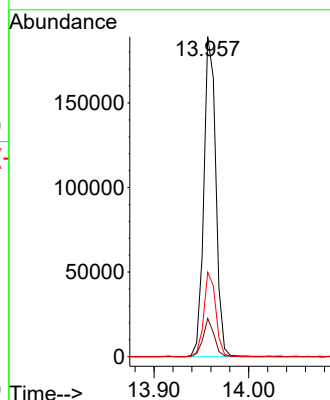
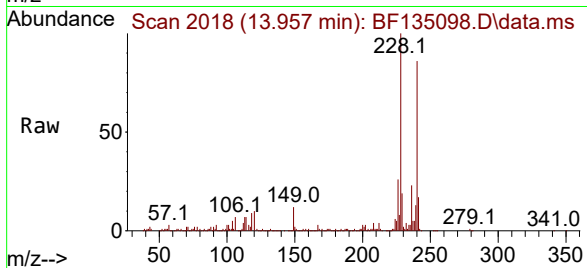
Tgt Ion:240 Resp: 166115
 Ion Ratio Lower Upper
 240 100
 120 12.0 10.2 15.2
 236 26.4 21.3 31.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#77

Benidine

Concen: 66.157 ng

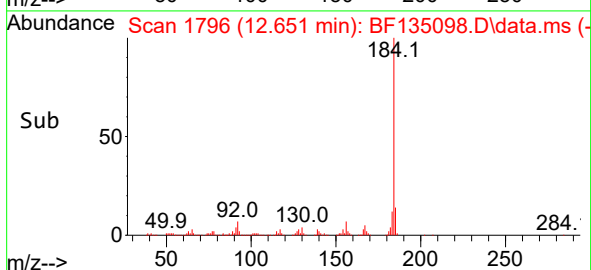
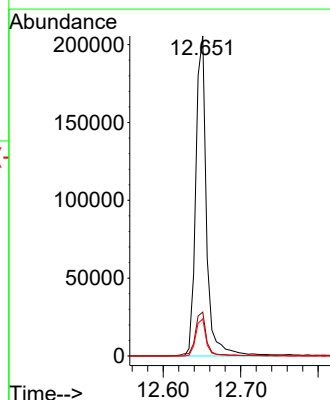
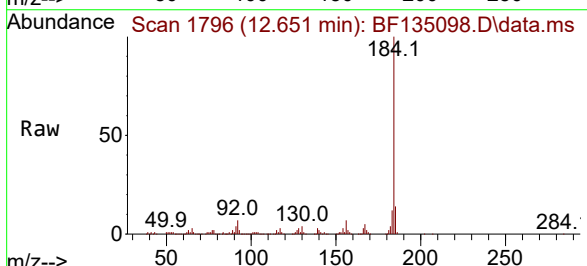
RT: 12.651 min Scan# 1796

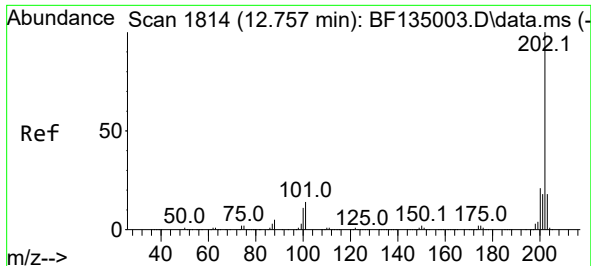
Delta R.T. -0.000 min

Lab File: BF135098.D

Acq: 05 Sep 2023 16:39

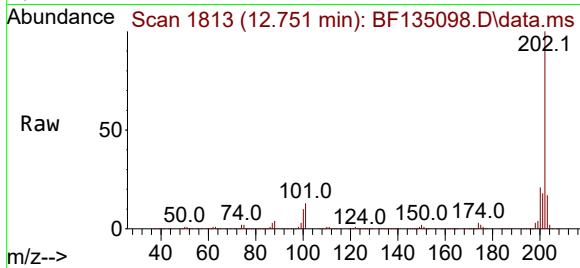
Tgt Ion:184 Resp: 198106
 Ion Ratio Lower Upper
 184 100
 185 13.7 12.0 18.0
 183 11.6 9.0 13.6





#78
Pyrene
Concen: 39.856 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

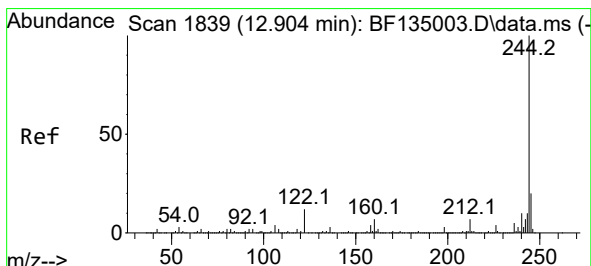
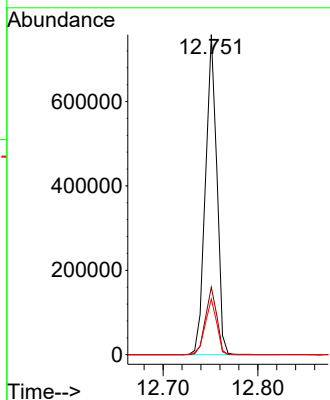
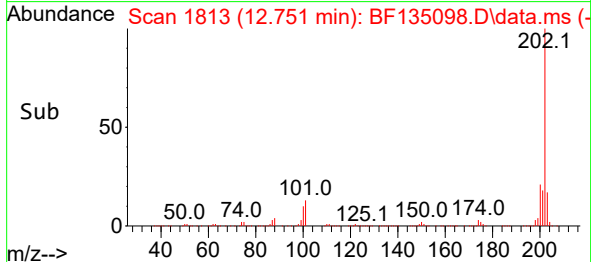
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



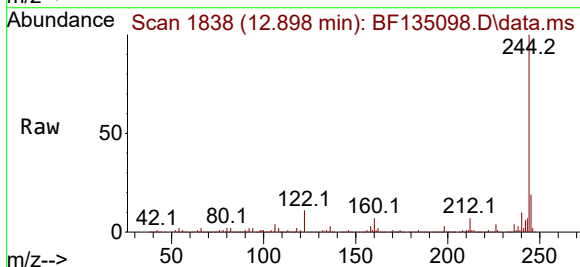
Tgt Ion:202 Resp: 62861
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.4 14.2 21.2

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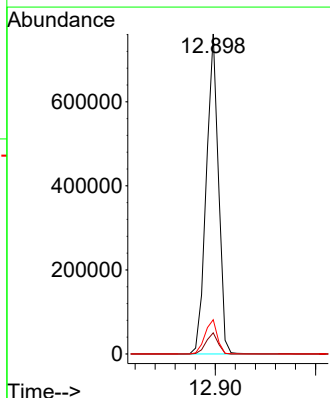
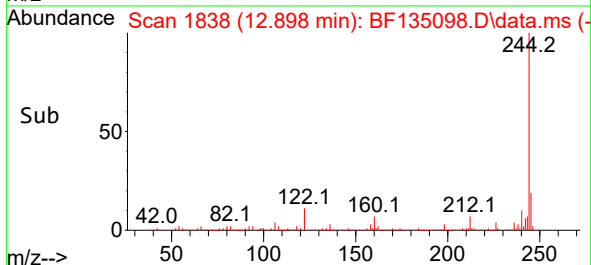
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

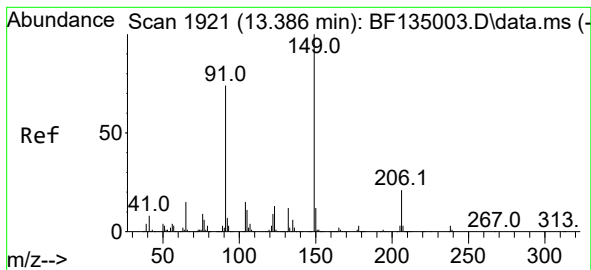


#79
Terphenyl-d14
Concen: 63.177 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



Tgt Ion:244 Resp: 643097
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.7 9.8 14.6





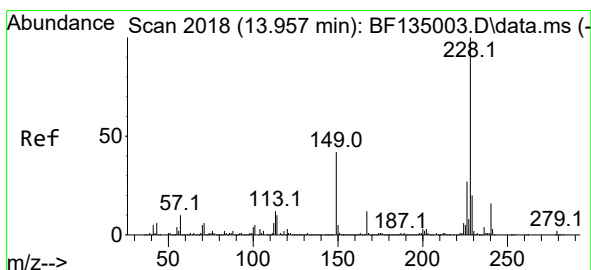
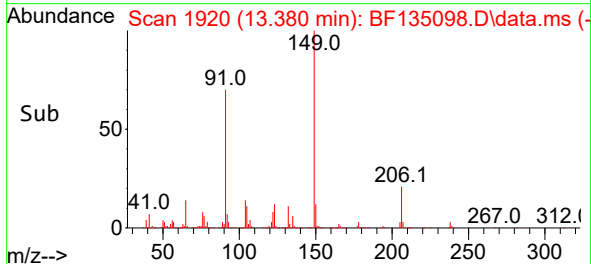
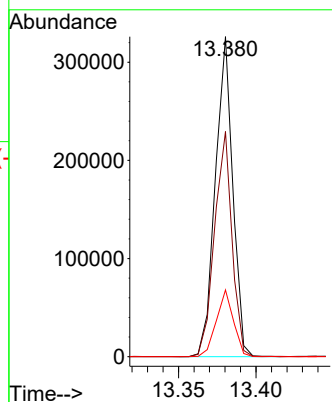
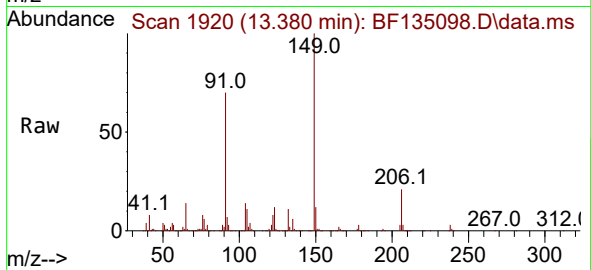
#80
Butylbenzylphthalate
Concen: 44.693 ng
RT: 13.380 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

Tgt Ion:149 Resp: 25464
Ion Ratio Lower Upper
149 100
91 70.4 59.0 88.6
206 20.9 16.7 25.1

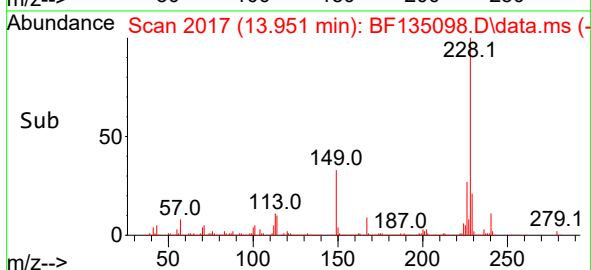
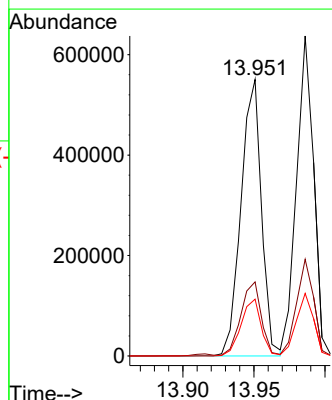
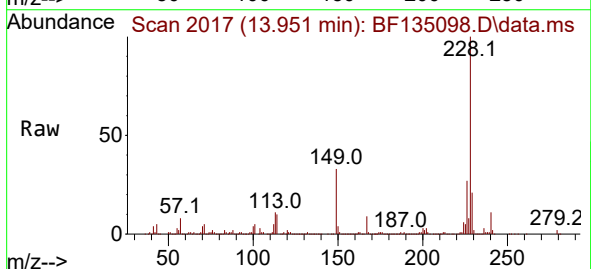
Manual Integrations
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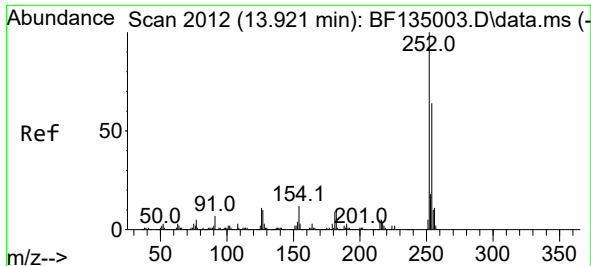
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#81
Benzo(a)anthracene
Concen: 48.797 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Tgt Ion:228 Resp: 552932
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 20.5 15.6 23.4





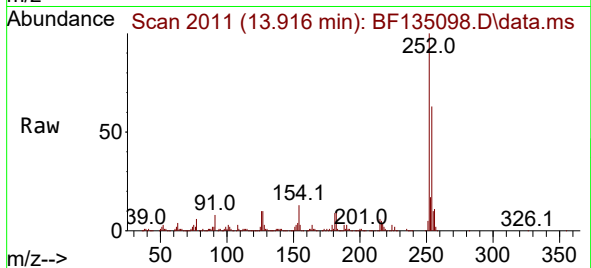
#82
 3,3'-Dichlorobenzidine
 Concen: 57.867 ng
 RT: 13.916 min Scan# 2012
 Delta R.T. -0.006 min
 Lab File: BF135098.D
 Acq: 05 Sep 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

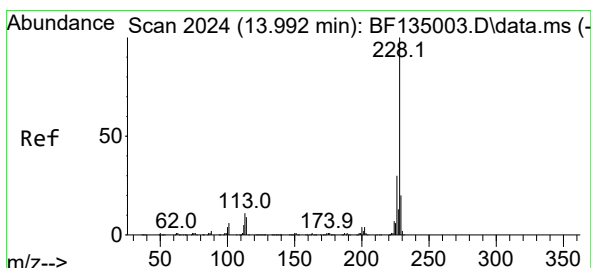
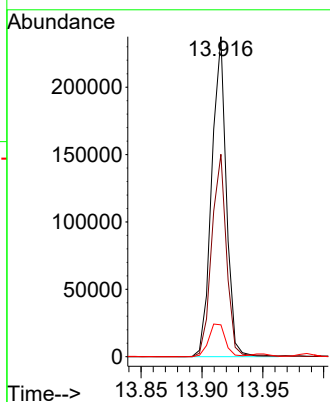
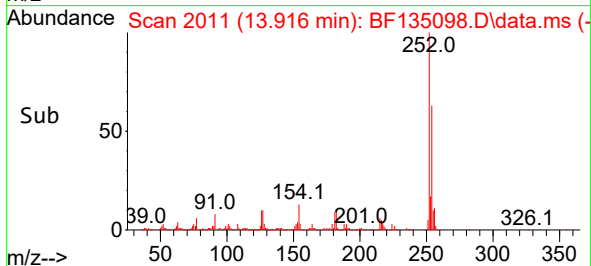


Tgt Ion:252 Resp: 197860
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.3 76.9
 126 9.9 8.6 12.8

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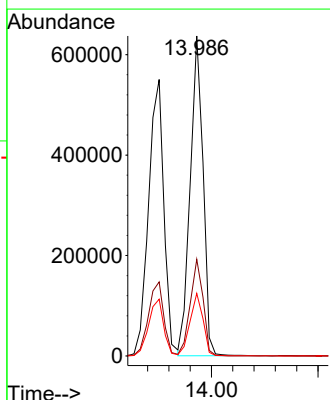
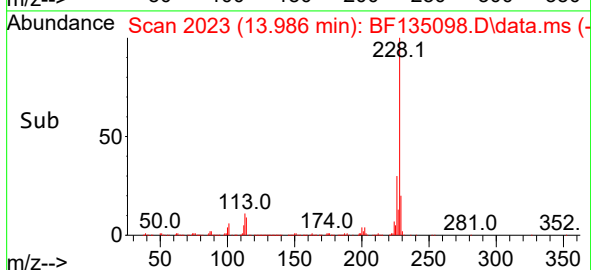
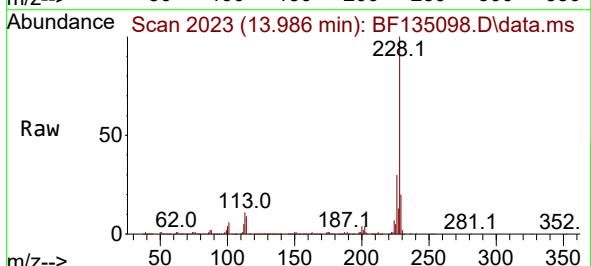
APPROVED

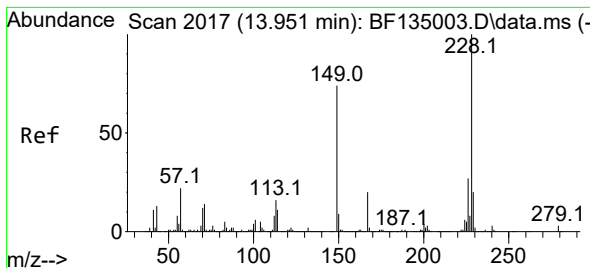
Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023



#83
 Chrysene
 Concen: 48.048 ng
 RT: 13.986 min Scan# 2023
 Delta R.T. -0.006 min
 Lab File: BF135098.D
 Acq: 05 Sep 2023 16:39

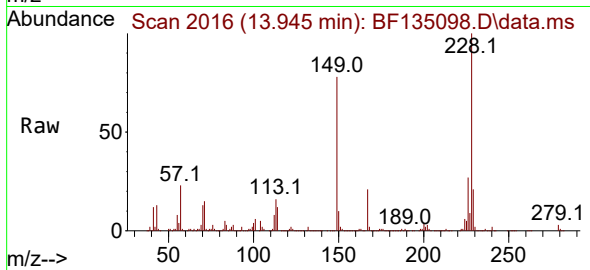
Tgt Ion:228 Resp: 535065
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.4
 229 19.6 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 53.260 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

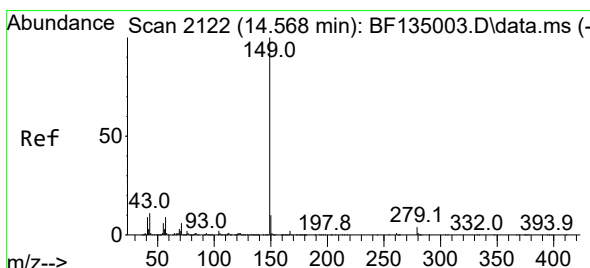
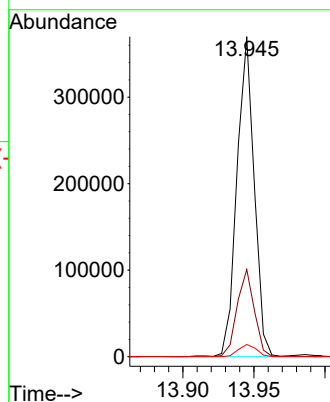
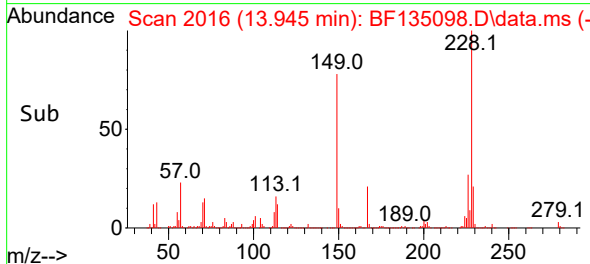
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



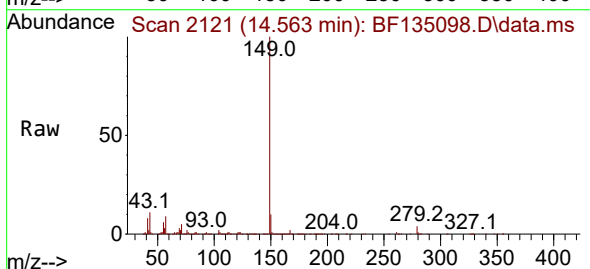
Tgt Ion:149 Resp: 314054
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 3.8 3.0 4.6

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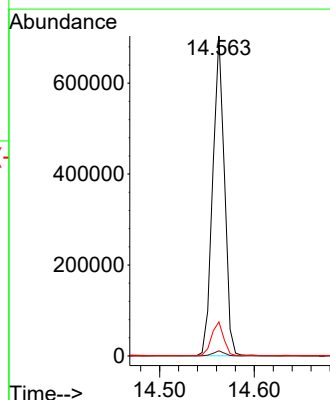
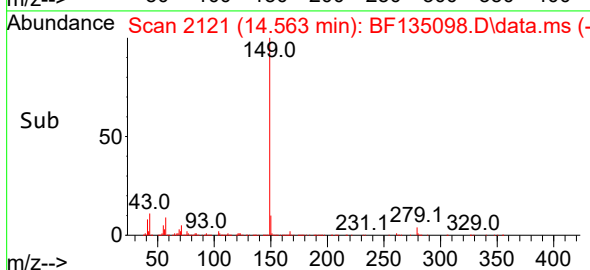
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

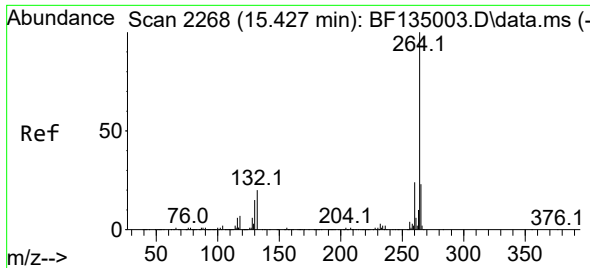


#85
Di-n-octyl phthalate
Concen: 66.735 ng
RT: 14.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



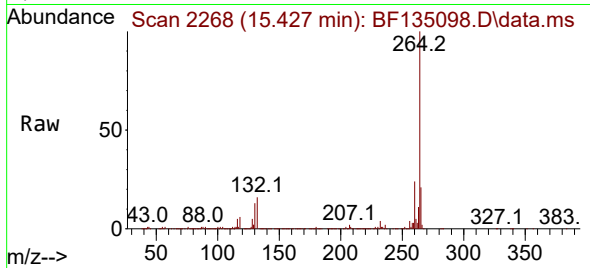
Tgt Ion:149 Resp: 600633
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.8 9.3 13.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

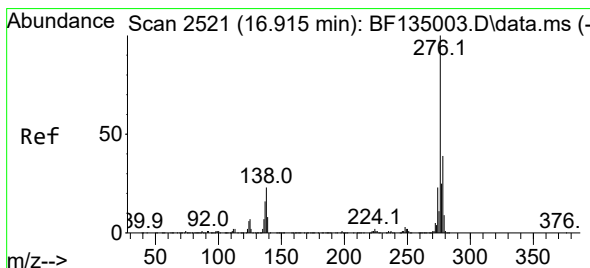
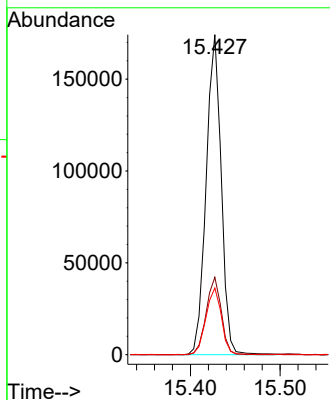
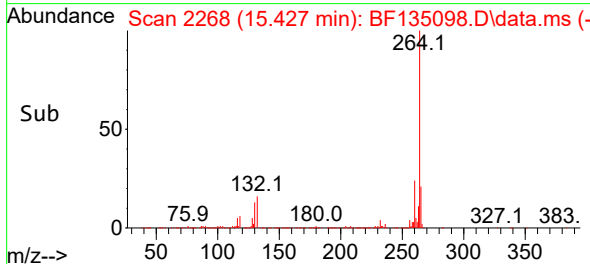
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



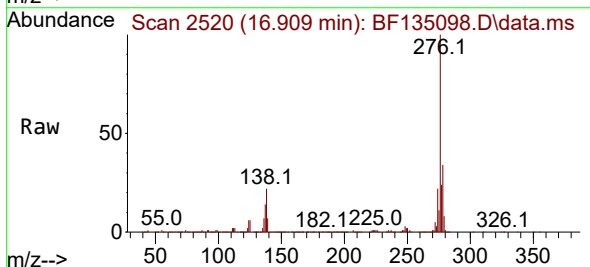
Tgt Ion:264 Resp: 20308
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 20.8 18.2 27.2

Manual Integrations
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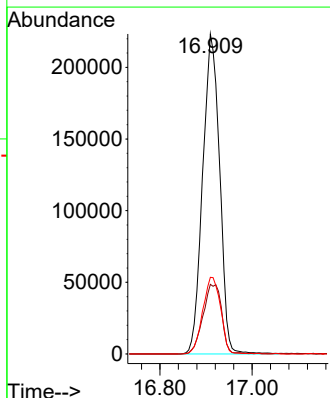
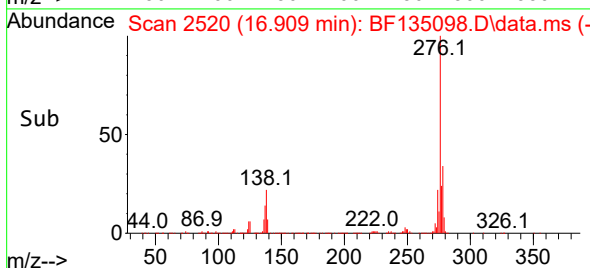
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

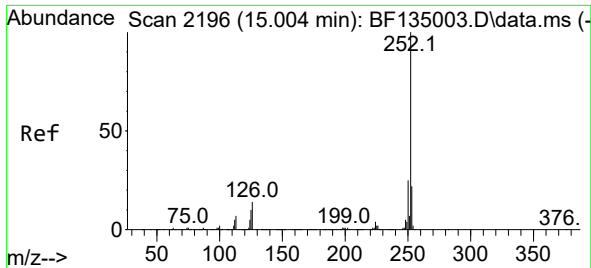


#87
Indeno(1,2,3-cd)pyrene
Concen: 41.870 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39



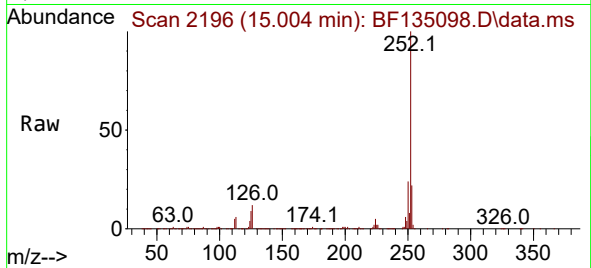
Tgt Ion:276 Resp: 572756
Ion Ratio Lower Upper
276 100
138 24.0 20.2 30.2
277 25.2 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 49.925 ng
RT: 15.004 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

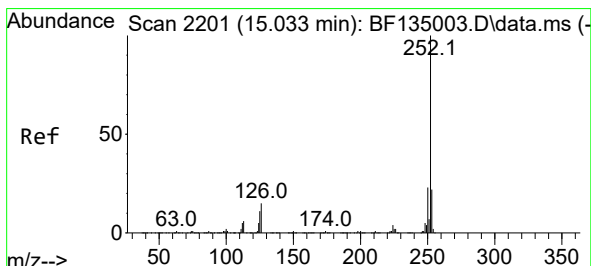
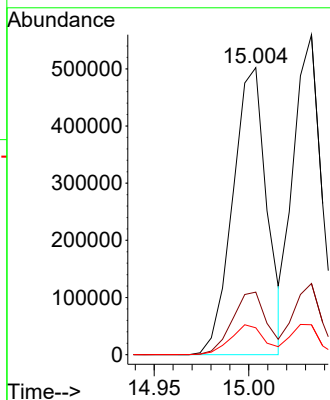
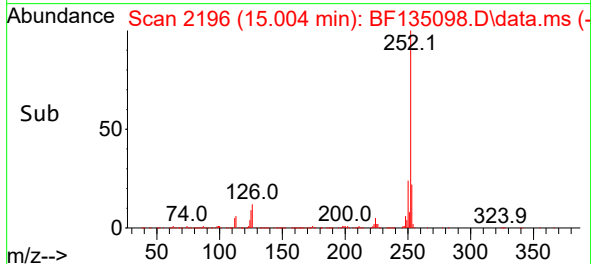
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



Tgt Ion:252 Resp: 63087
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 9.4 8.4 12.6

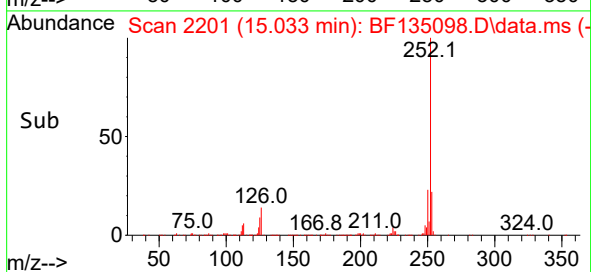
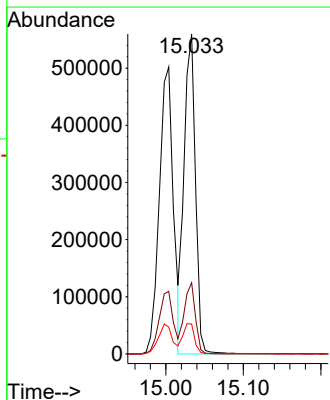
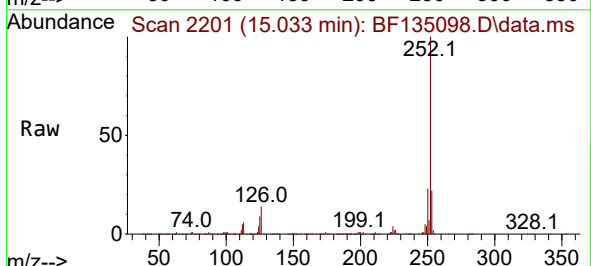
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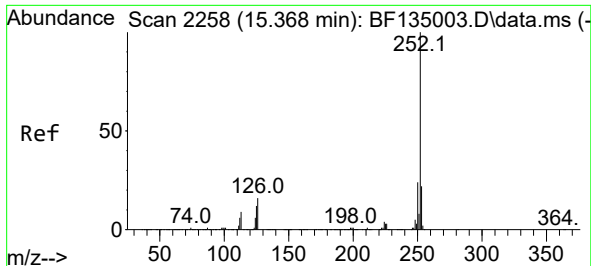
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#89
Benzo(k)fluoranthene
Concen: 46.777 ng
RT: 15.033 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

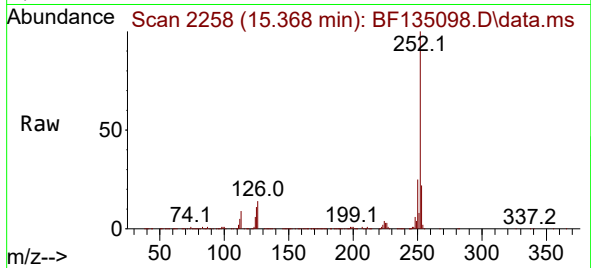
Tgt Ion:252 Resp: 571046
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.3 8.5 12.7





#90
Benzo(a)pyrene
Concen: 45.820 ng
RT: 15.368 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

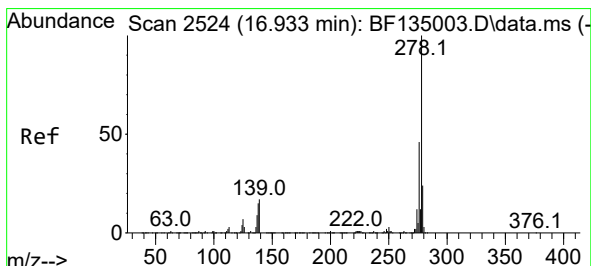
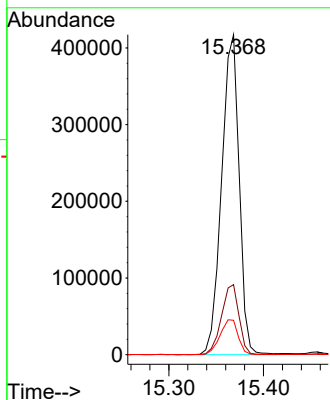
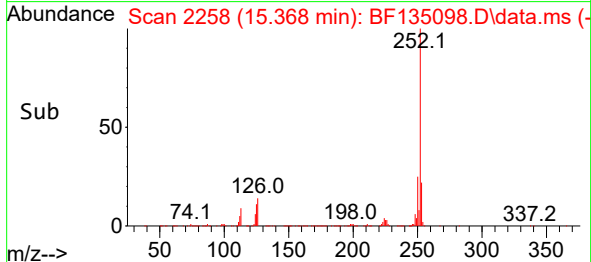
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



Tgt Ion:252 Resp: 537870
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.7 9.5 14.3

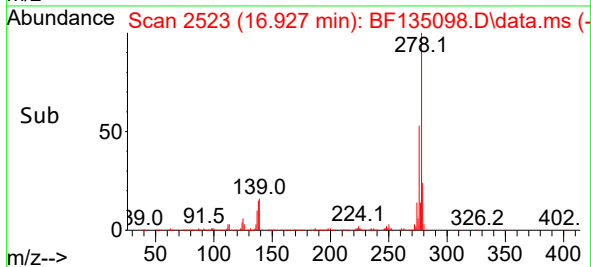
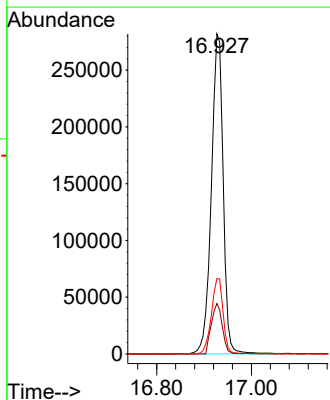
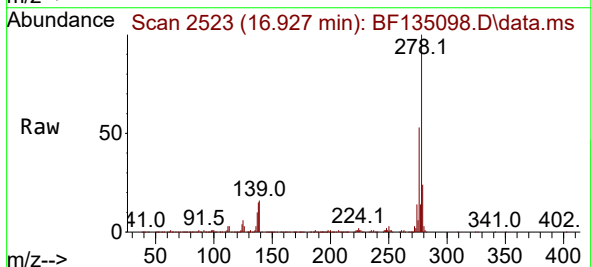
Manual Integrations
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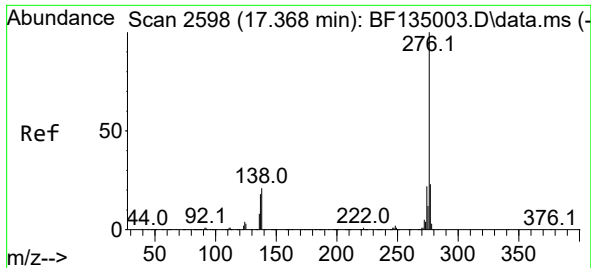
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#91
Dibenzo(a,h)anthracene
Concen: 44.163 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

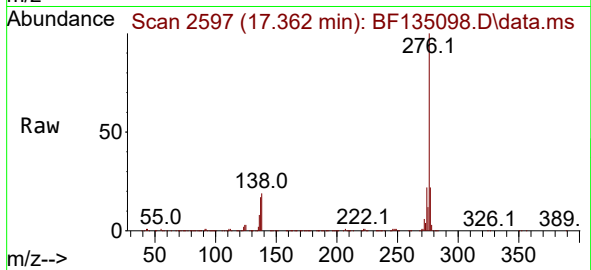
Tgt Ion:278 Resp: 489292
Ion Ratio Lower Upper
278 100
139 15.7 13.4 20.2
279 23.6 19.5 29.3





#92
Benzo(g,h,i)perylene
Concen: 37.412 ng
RT: 17.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135098.D
Acq: 05 Sep 2023 16:39

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



Tgt Ion:276 Resp: 431100
Ion Ratio Lower Upper
276 100
277 22.2 18.5 27.7
138 18.8 17.1 25.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

