

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135331.D
 Acq On : 19 Sep 2023 13:11
 Operator : CG\JU
 Sample : PB155592BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155592BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

Quant Time: Sep 20 01:32:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	126275	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	509831	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	261093	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	498029	20.000	ng	0.00
76) Chrysene-d12	13.951	240	229919	20.000	ng	0.00
86) Perylene-d12	15.409	264	238915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1057457	136.203	ng	0.02
7) Phenol-d6	6.410	99	1331688	134.893	ng	0.00
23) Nitrobenzene-d5	7.328	82	876580	93.411	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	333818	128.657	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1514953	87.541	ng	0.00
79) Terphenyl-d14	12.892	244	1485040	100.126	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	145749	42.823	ng	98
3) Pyridine	3.322	79	383812	41.900	ng	95
4) n-Nitrosodimethylamine	3.287	42	264866	54.489	ng	94
6) Aniline	6.428	93	413399	31.933	ng	# 43
8) 2-Chlorophenol	6.545	128	449074	54.184	ng	99
9) Benzaldehyde	6.316	77	148050	26.325	ng	100
10) Phenol	6.422	94	500401	46.225	ng	80
11) bis(2-Chloroethyl)ether	6.504	93	420928	51.838	ng	99
12) 1,3-Dichlorobenzene	6.698	146	431922	51.279	ng	98
13) 1,4-Dichlorobenzene	6.775	146	439810	51.323	ng	98
14) 1,2-Dichlorobenzene	6.928	146	415615	52.225	ng	97
15) Benzyl Alcohol	6.910	79	374629	52.883	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.033	45	796592	52.045	ng	85
17) 2-Methylphenol	7.022	107	350769	47.960	ng	95
18) Hexachloroethane	7.263	117	168467	53.205	ng	91
19) n-Nitroso-di-n-propyla...	7.181	70	289571	47.356	ng	95
20) 3+4-Methylphenols	7.181	107	395071	44.922	ng	# 83
22) Acetophenone	7.169	105	559539	48.004	ng	# 98
24) Nitrobenzene	7.345	77	452461	48.782	ng	99
25) Isophorone	7.586	82	859826	49.898	ng	99
26) 2-Nitrophenol	7.663	139	236391	53.102	ng	96
27) 2,4-Dimethylphenol	7.704	122	361543	48.318	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	527537	51.149	ng	100
29) 2,4-Dichlorophenol	7.904	162	358120	51.651	ng	99
30) 1,2,4-Trichlorobenzene	7.980	180	369756	51.021	ng	99
31) Naphthalene	8.063	128	1223939	49.410	ng	100
32) Benzoic acid	7.851	122	303407	53.849	ng	98
33) 4-Chloroaniline	8.116	127	311709	28.681	ng	99
34) Hexachlorobutadiene	8.175	225	213665	48.895	ng	99
35) Caprolactam	8.498	113	127072m	54.608	ng	
36) 4-Chloro-3-methylphenol	8.610	107	397784	51.620	ng	98
37) 2-Methylnaphthalene	8.757	142	777571	46.698	ng	97
38) 1-Methylnaphthalene	8.851	142	739718	47.450	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	361531	47.796	ng	98
41) Hexachlorocyclopentadiene	8.904	237	274337	82.097	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	251834	50.850	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135331.D
 Acq On : 19 Sep 2023 13:11
 Operator : CG\JU
 Sample : PB155592BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155592BS

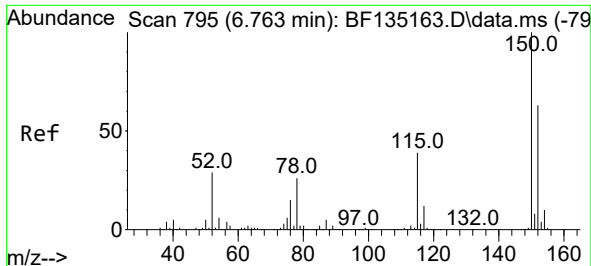
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

Quant Time: Sep 20 01:32:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

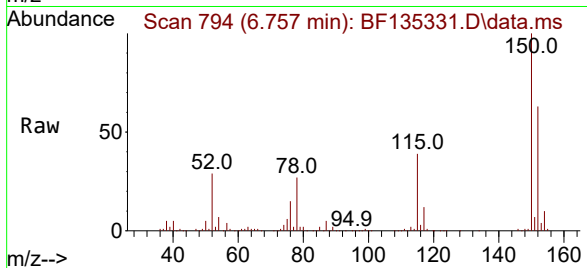
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	263141	46.138	ng	96
46) 1,1'-Biphenyl	9.222	154	960329	47.862	ng	98
47) 2-Chloronaphthalene	9.245	162	722980	49.662	ng	97
48) 2-Nitroaniline	9.351	65	290146	51.301	ng	99
49) Acenaphthylene	9.663	152	1184037	48.938	ng	100
50) Dimethylphthalate	9.533	163	889711	50.401	ng	100
51) 2,6-Dinitrotoluene	9.598	165	198837	51.418	ng	# 85
52) Acenaphthene	9.833	154	695434	48.657	ng	96
53) 3-Nitroaniline	9.763	138	173074	38.128	ng	100
54) 2,4-Dinitrophenol	9.880	184	211212	94.944	ng	92
55) Dibenzofuran	10.010	168	993586	45.555	ng	98
56) 4-Nitrophenol	9.945	139	278904	96.675	ng	96
57) 2,4-Dinitrotoluene	10.004	165	228641	47.228	ng	# 80
58) Fluorene	10.351	166	795721	47.457	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	222035	50.609	ng	98
60) Diethylphthalate	10.233	149	888534	50.155	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	367854	45.672	ng	97
62) 4-Nitroaniline	10.386	138	221144	50.682	ng	97
63) Azobenzene	10.504	77	864919	49.884	ng	95
65) 4,6-Dinitro-2-methylph...	10.416	198	144476	54.618	ng	98
66) n-Nitrosodiphenylamine	10.469	169	762679	50.583	ng	100
67) 4-Bromophenyl-phenylether	10.833	248	244654	49.392	ng	# 92
68) Hexachlorobenzene	10.898	284	261396	51.800	ng	# 87
69) Atrazine	11.004	200	238578	58.807	ng	99
70) Pentachlorophenol	11.104	266	237229	78.575	ng	99
71) Phenanthrene	11.321	178	1186640	50.378	ng	100
72) Anthracene	11.368	178	1204469	49.748	ng	100
73) Carbazole	11.533	167	1115475	50.611	ng	99
74) Di-n-butylphthalate	11.863	149	1350386	51.996	ng	99
75) Fluoranthene	12.515	202	1216421	49.561	ng	99
77) Benzidine	12.639	184	287924	61.126	ng	99
78) Pyrene	12.745	202	1213563	55.439	ng	99
80) Butylbenzylphthalate	13.368	149	465511	60.400	ng	99
81) Benzo(a)anthracene	13.939	228	746744	50.298	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	203267	43.833	ng	# 98
83) Chrysene	13.974	228	737430	49.959	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	507093	64.117	ng	100
85) Di-n-octyl phthalate	14.545	149	767917	61.098	ng	99
87) Indeno(1,2,3-cd)pyrene	16.903	276	838713	53.541	ng	99
88) Benzo(b)fluoranthene	14.986	252	693320	53.607	ng	97
89) Benzo(k)fluoranthene	15.015	252	596888	46.720	ng	98
90) Benzo(a)pyrene	15.351	252	611528	49.582	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	662019	51.651	ng	100
92) Benzo(g,h,i)perylene	17.350	276	689661	51.521	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

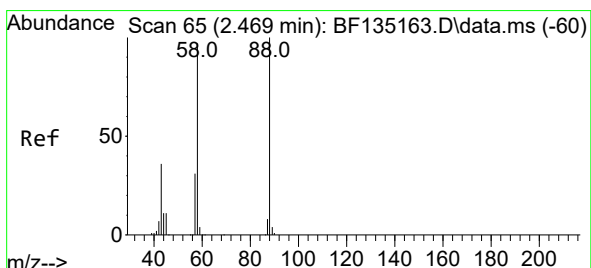
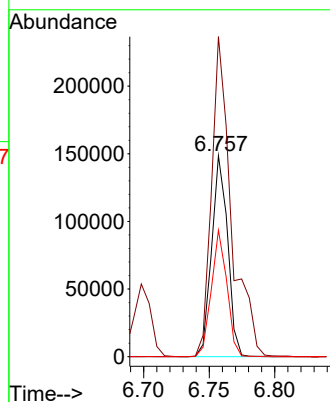
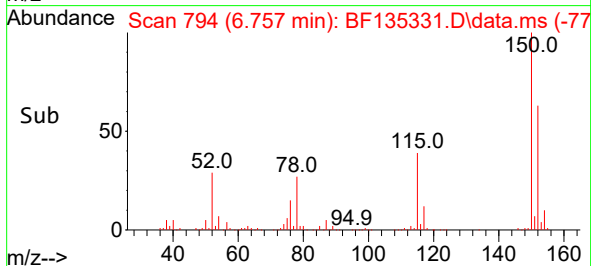
Instrument :
BNA_F
ClientSampleId :
PB155592BS



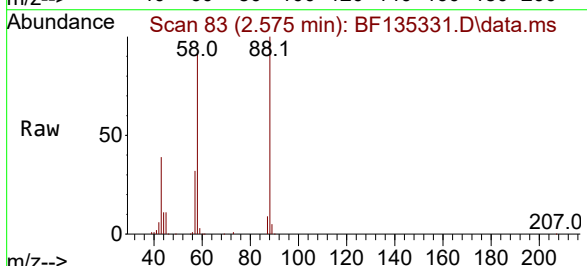
Tgt Ion:152 Resp: 126279
Ion Ratio Lower Upper
152 100
150 159.2 127.8 191.6
115 62.9 49.8 74.8

Manual Integrations
APPROVED

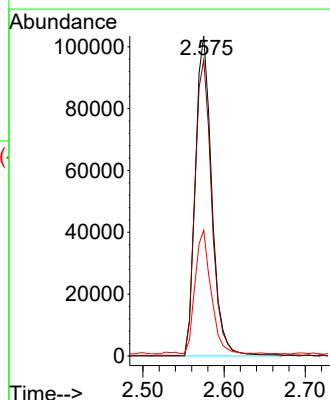
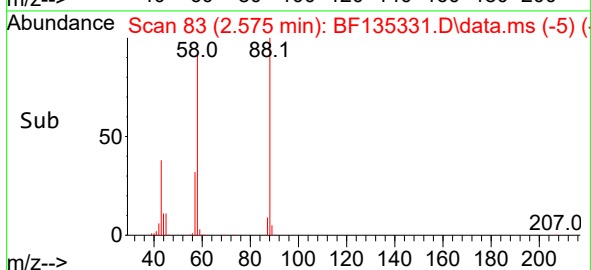
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

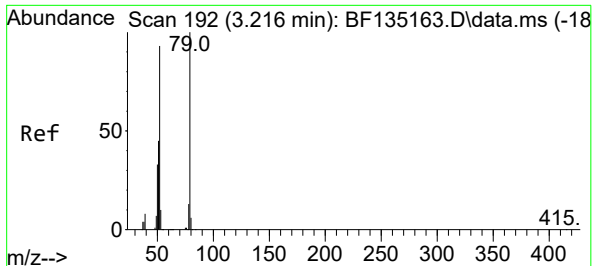


#2
1,4-Dioxane
Concen: 42.823 ng
RT: 2.575 min Scan# 83
Delta R.T. 0.106 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11



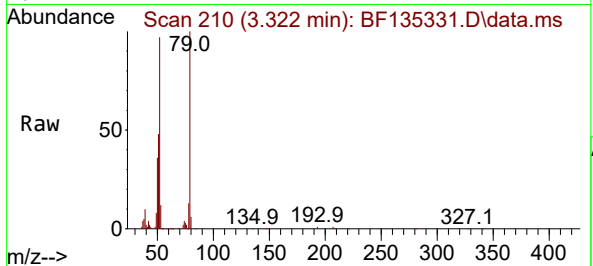
Tgt Ion: 88 Resp: 145749
Ion Ratio Lower Upper
88 100
58 95.6 78.3 117.5
43 37.5 29.4 44.0





#3
Pyridine
Concen: 41.900 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.106 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

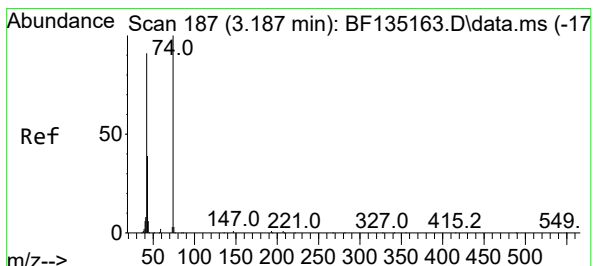
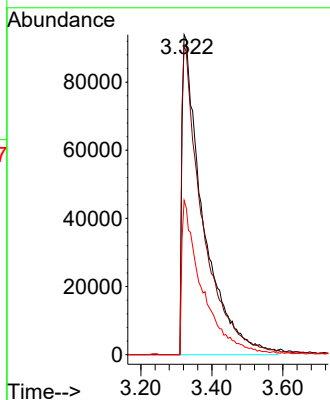
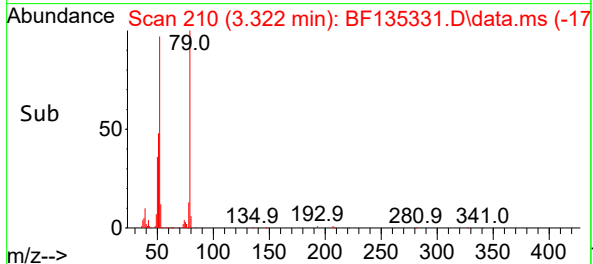
Instrument :
BNA_F
ClientSampleId :
PB155592BS



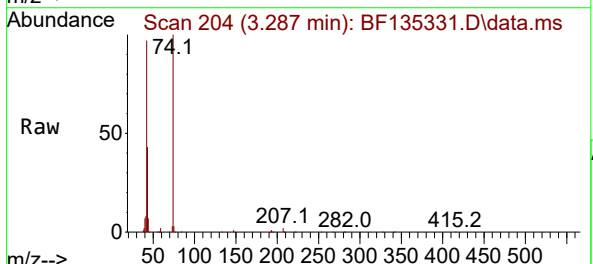
Tgt Ion: 79 Resp: 38381
Ion Ratio Lower Upper
79 100
52 96.6 74.1 111.1
51 48.2 35.8 53.8

Manual Integrations
APPROVED

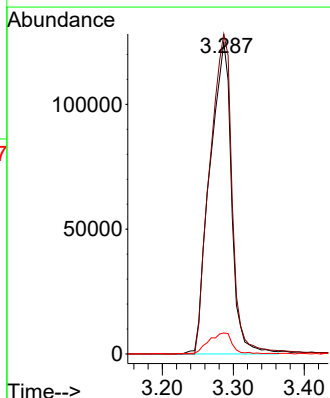
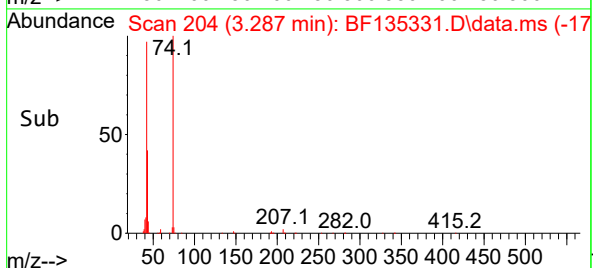
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

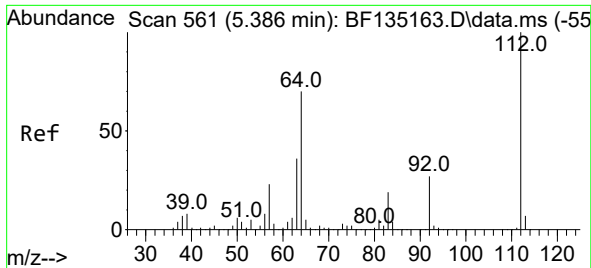


#4
n-Nitrosodimethylamine
Concen: 54.489 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.100 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11



Tgt Ion: 42 Resp: 264866
Ion Ratio Lower Upper
42 100
74 102.7 87.7 131.5
44 6.7 5.6 8.4





#5
2-Fluorophenol
Concen: 136.203 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

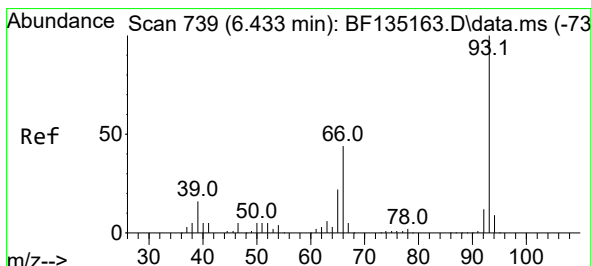
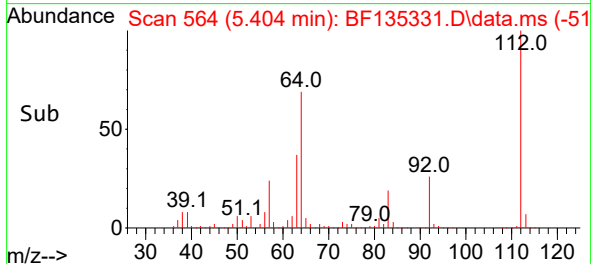
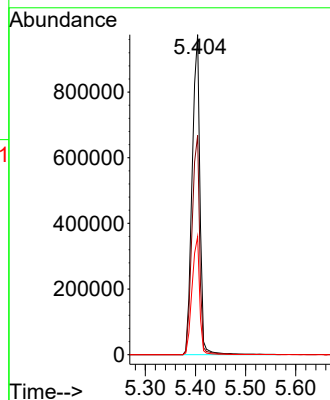
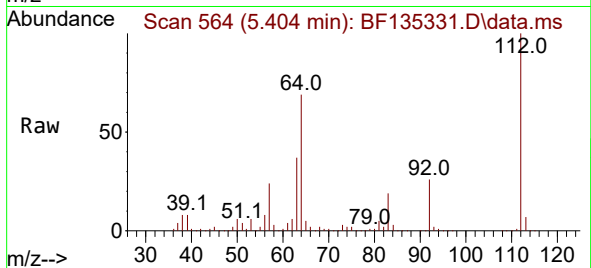
PB155592BS

Tgt Ion:112 Resp: 105745
Ion Ratio Lower Upper
112 100
64 68.5 55.9 83.9
63 36.9 29.0 43.6

Manual Integrations

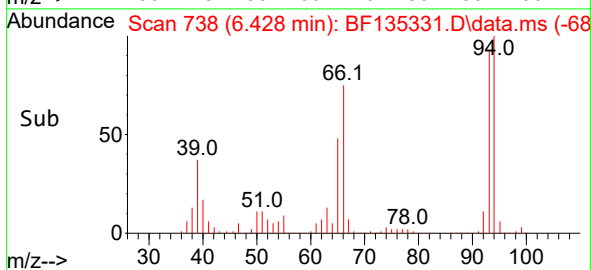
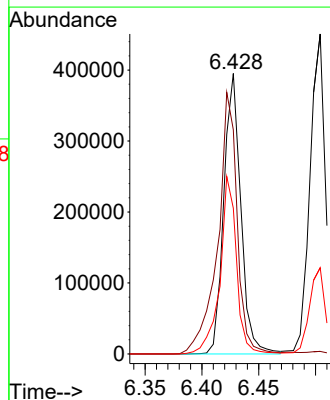
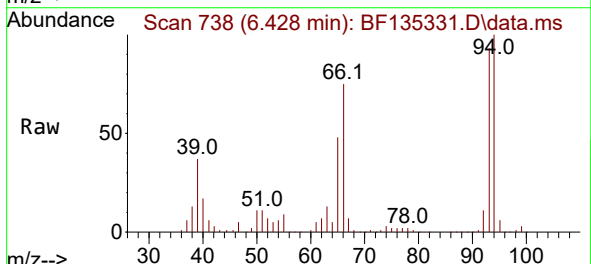
APPROVED

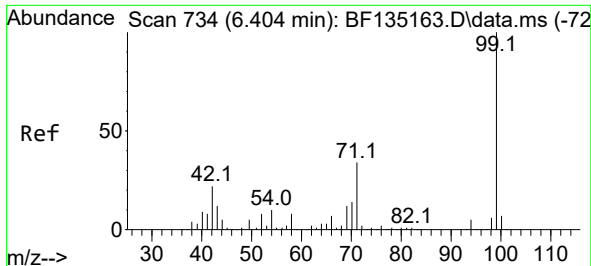
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#6
Aniline
Concen: 31.933 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion: 93 Resp: 413399
Ion Ratio Lower Upper
93 100
66 79.9 35.4 53.0#
65 52.0 17.8 26.8#





#7

Phenol-d6

Concen: 134.893 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

Tgt Ion: 99 Resp: 133168

Ion Ratio Lower Upper

99 100

42 24.7 17.9 26.9

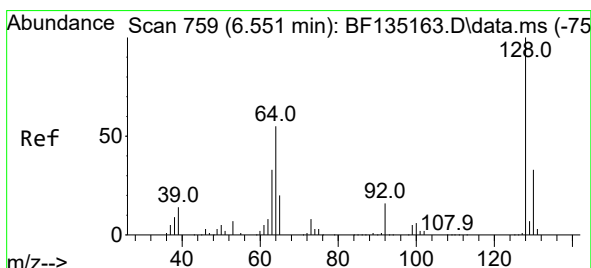
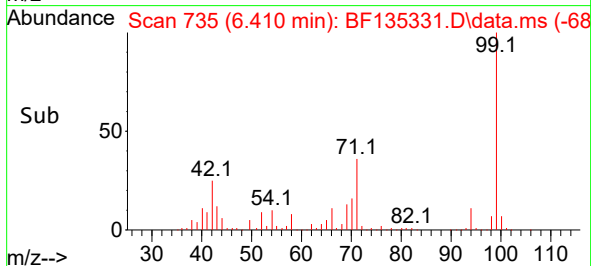
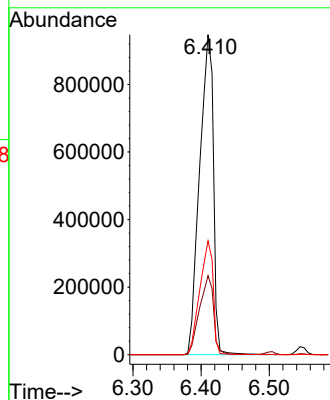
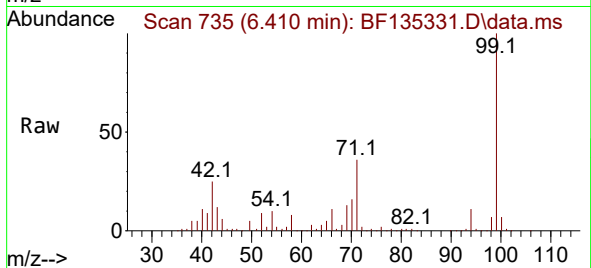
71 35.5 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#8

2-Chlorophenol

Concen: 54.184 ng

RT: 6.545 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

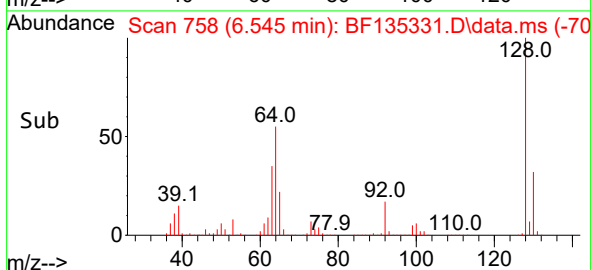
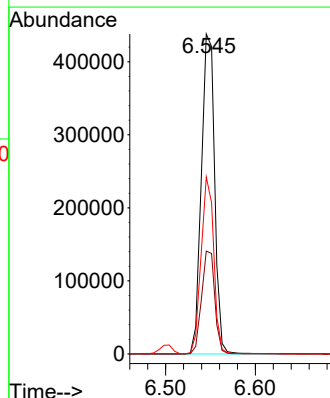
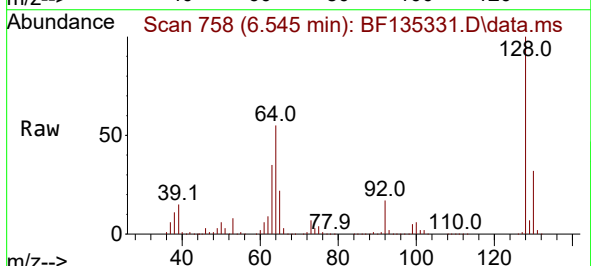
Tgt Ion:128 Resp: 449074

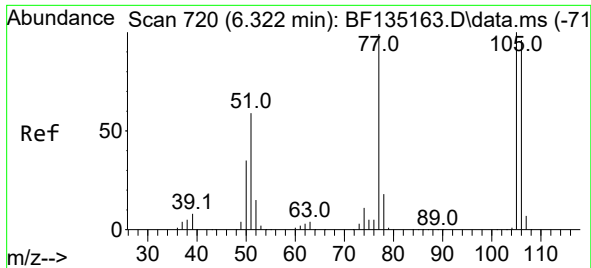
Ion Ratio Lower Upper

128 100

130 32.1 12.7 52.7

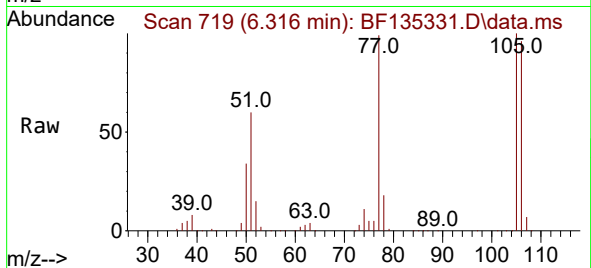
64 55.3 35.9 75.9





#9
Benzaldehyde
Concen: 26.325 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

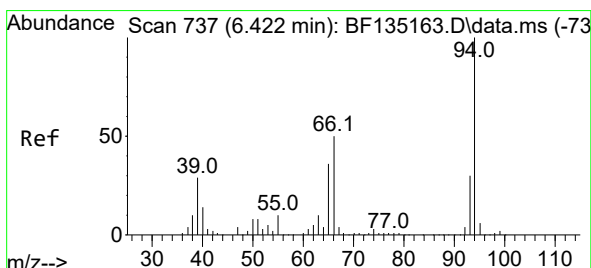
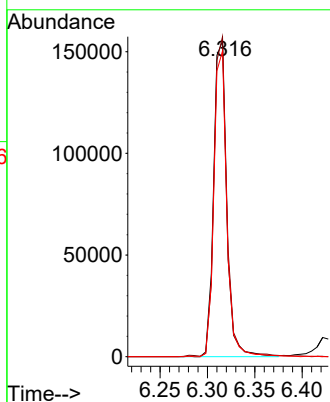
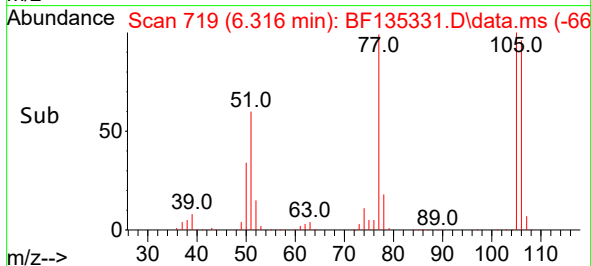
Instrument :
BNA_F
ClientSampleId :
PB155592BS



Tgt Ion: 77 Resp: 148050
Ion Ratio Lower Upper
77 100
105 101.5 81.4 121.4
106 96.9 76.9 116.9

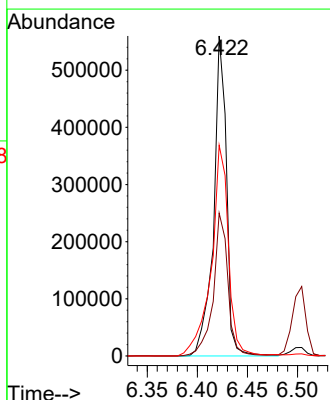
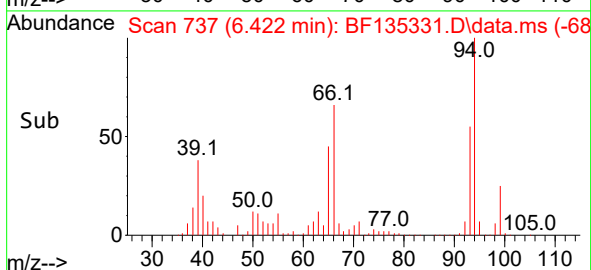
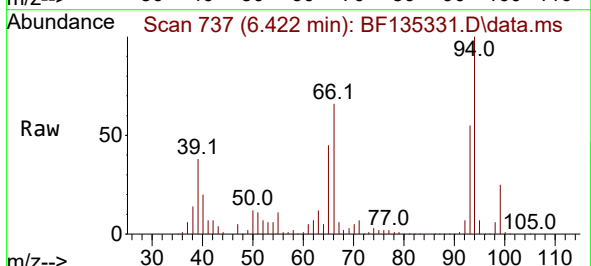
Manual Integrations
APPROVED

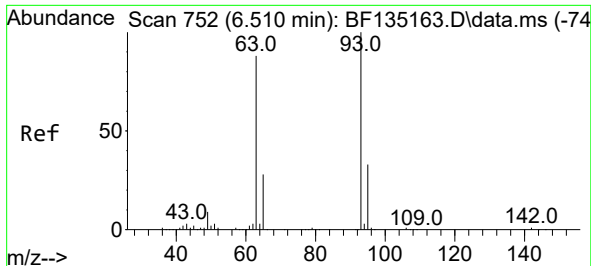
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#10
Phenol
Concen: 46.225 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion: 94 Resp: 500401
Ion Ratio Lower Upper
94 100
65 44.6 15.9 55.9
66 65.8 29.8 69.8





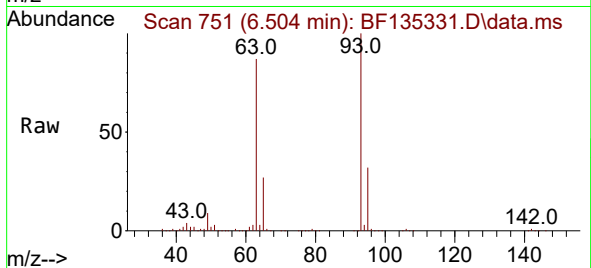
#11
bis(2-Chloroethyl)ether
Concen: 51.838 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

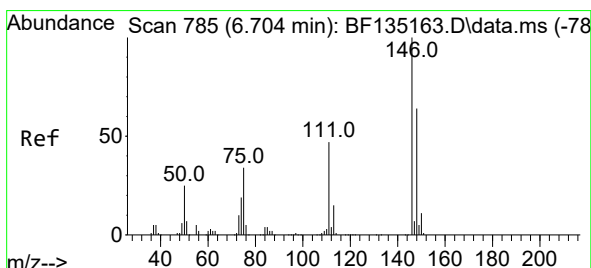
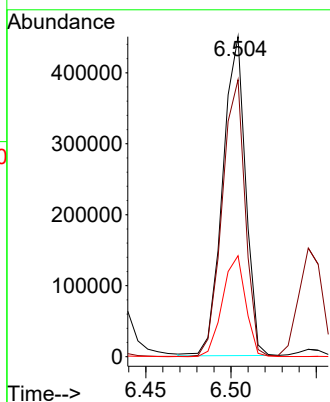
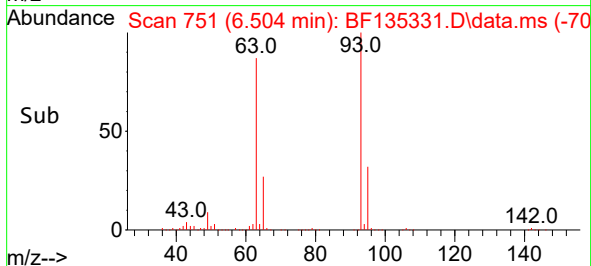
PB155592BS



Tgt Ion: 93 Resp: 420928
Ion Ratio Lower Upper
93 100
63 86.6 67.3 107.3
95 31.5 12.7 52.7

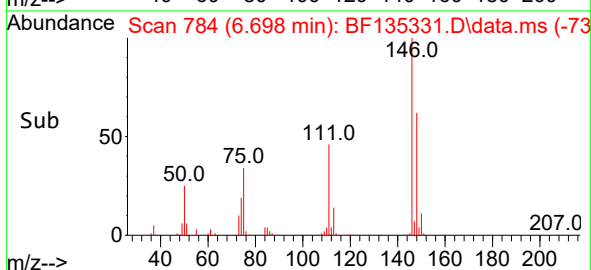
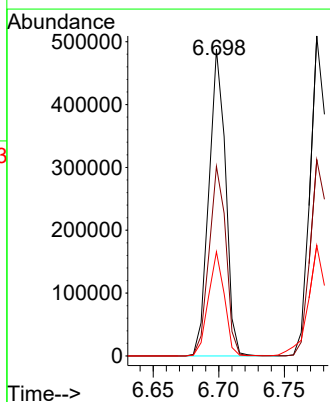
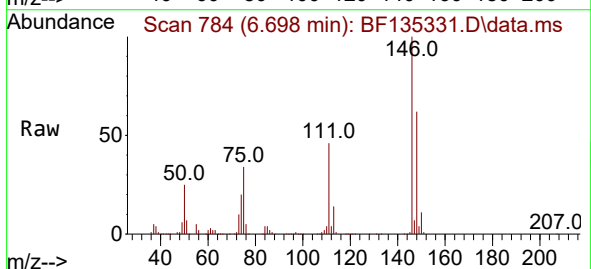
Manual Integrations
APPROVED

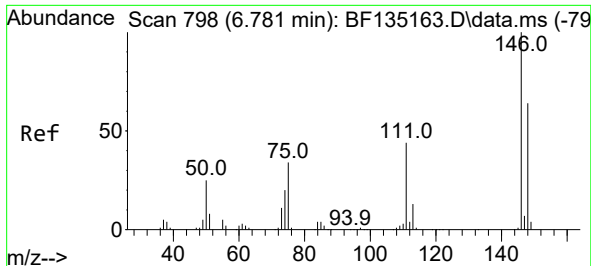
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#12
1,3-Dichlorobenzene
Concen: 51.279 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion:146 Resp: 431922
Ion Ratio Lower Upper
146 100
148 61.8 51.3 76.9
75 34.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 51.323 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

Tgt Ion:146 Resp: 439810

Ion Ratio Lower Upper

146 100

148 61.3 51.3 76.9

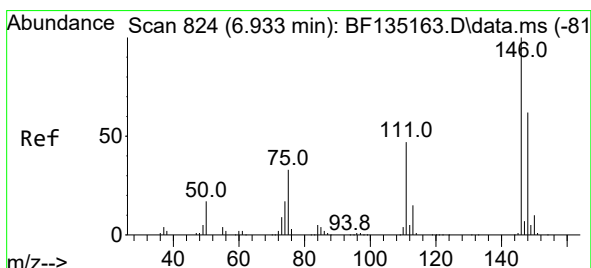
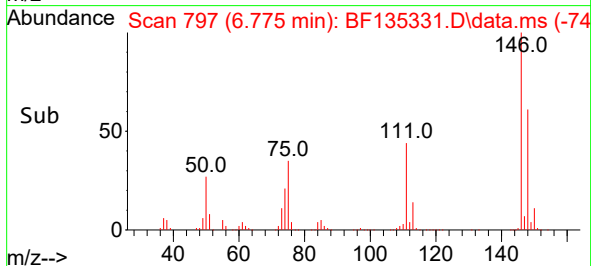
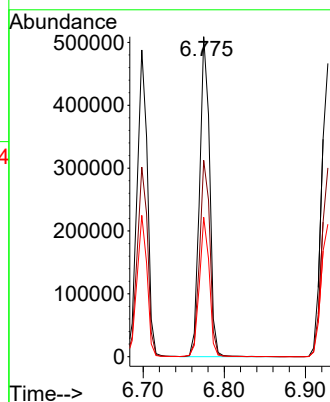
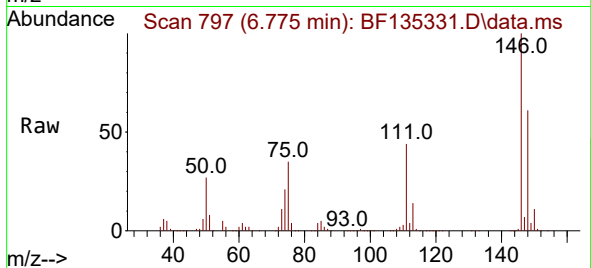
111 43.5 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#14

1,2-Dichlorobenzene

Concen: 52.225 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

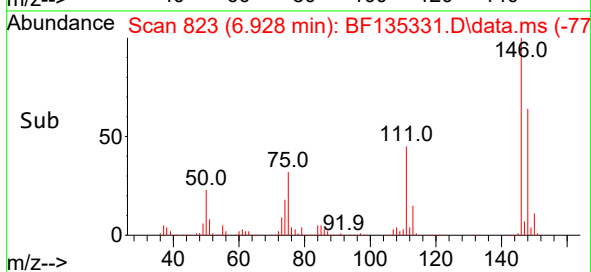
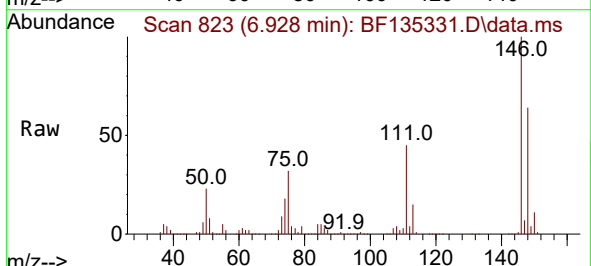
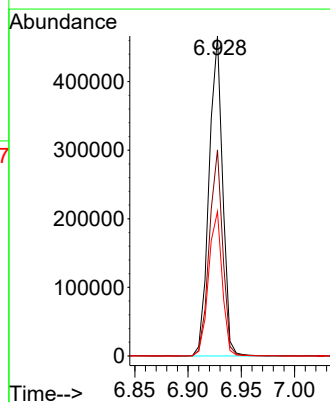
Tgt Ion:146 Resp: 415615

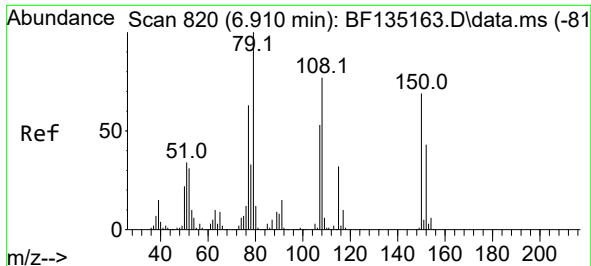
Ion Ratio Lower Upper

146 100

148 64.4 49.7 74.5

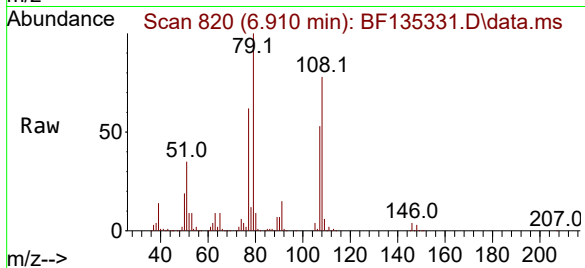
111 45.2 37.4 56.2





#15
Benzyl Alcohol
Concen: 52.883 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

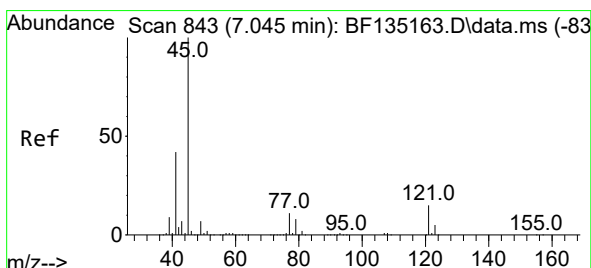
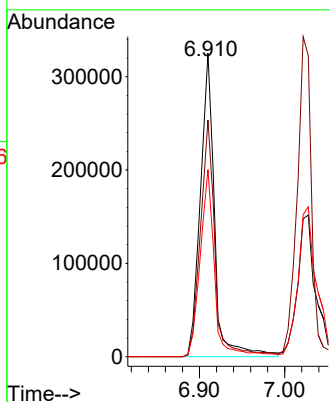
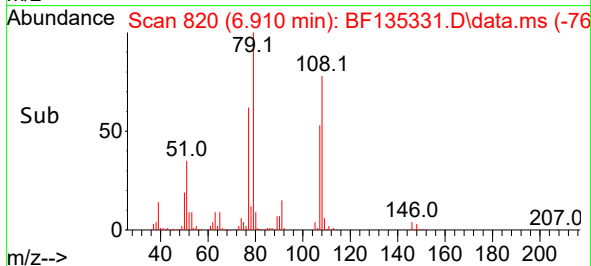
Instrument :
BNA_F
ClientSampleId :
PB155592BS



Tgt Ion: 79 Resp: 374629
Ion Ratio Lower Upper
79 100
108 77.9 61.2 91.8
77 61.6 50.5 75.7

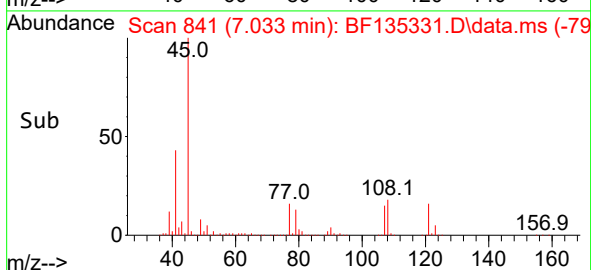
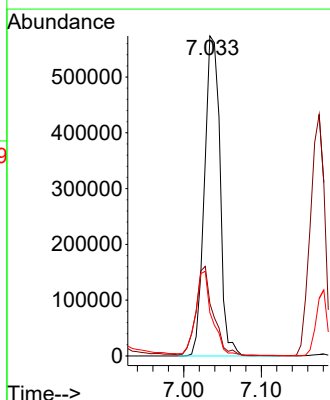
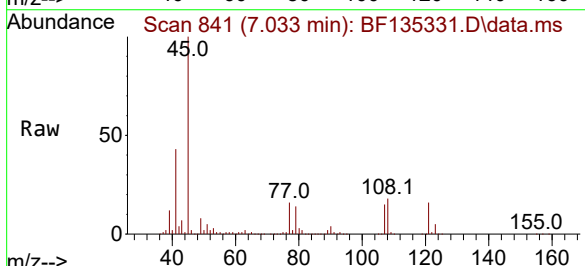
Manual Integrations
APPROVED

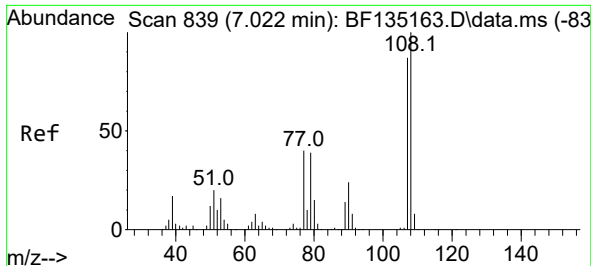
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.045 ng
RT: 7.033 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

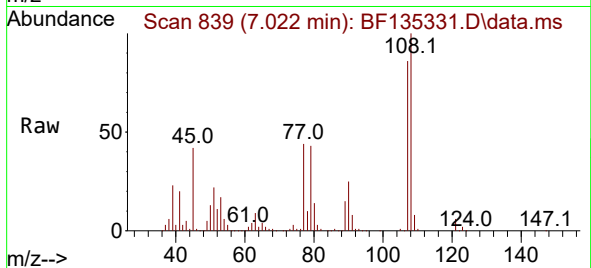
Tgt Ion: 45 Resp: 796592
Ion Ratio Lower Upper
45 100
77 16.4 0.0 30.6
79 13.6 0.0 28.3





#17
2-Methylphenol
Concen: 47.960 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

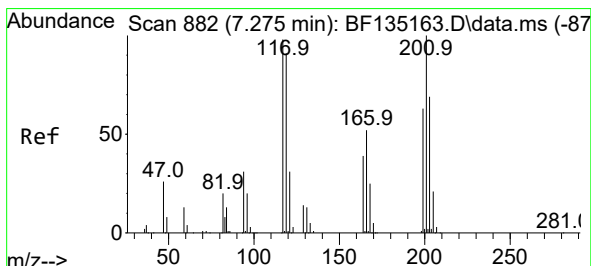
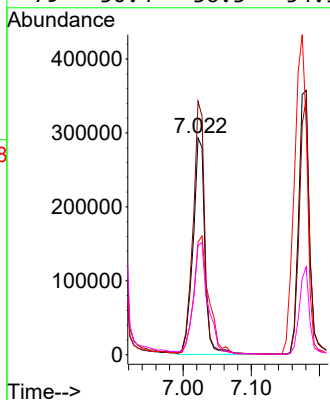
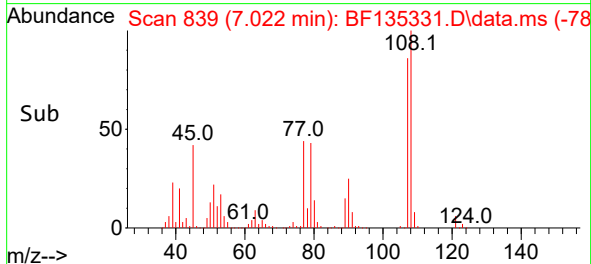
Instrument :
BNA_F
ClientSampleId :
PB155592BS



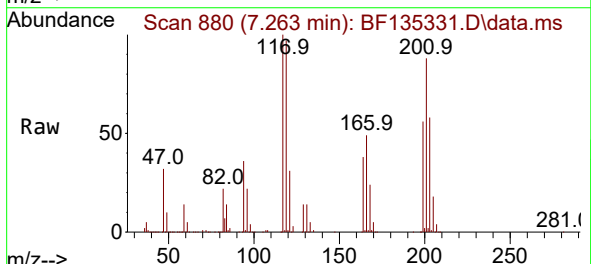
Tgt Ion:107 Resp: 350769
Ion Ratio Lower Upper
107 100
108 116.9 92.0 138.0
77 51.9 36.7 55.1
79 50.4 36.3 54.5

Manual Integrations
APPROVED

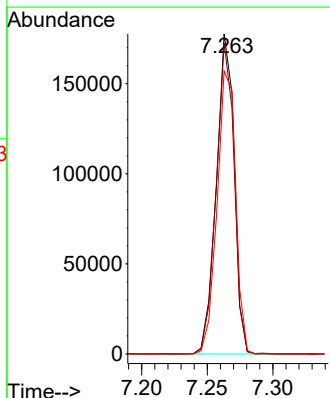
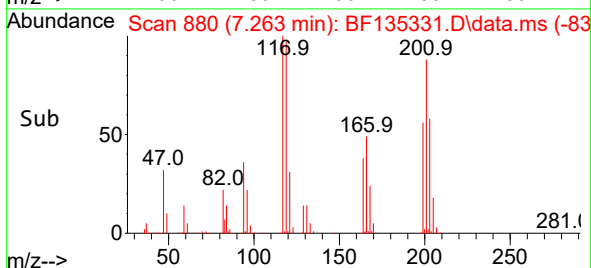
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

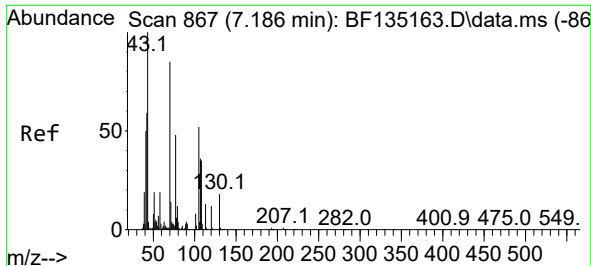


#18
Hexachloroethane
Concen: 53.205 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11



Tgt Ion:117 Resp: 168467
Ion Ratio Lower Upper
117 100
119 97.2 74.7 112.1
201 88.4 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 47.356 ng

RT: 7.181 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

Tgt Ion: 70 Resp: 28957

Ion Ratio Lower Upper

70 100

42 74.7 55.4 83.0

101 9.6 7.7 11.5

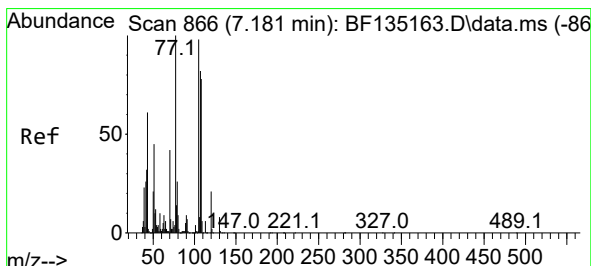
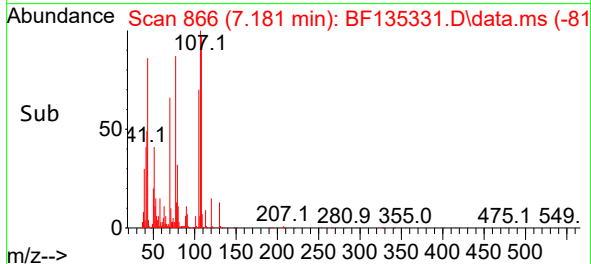
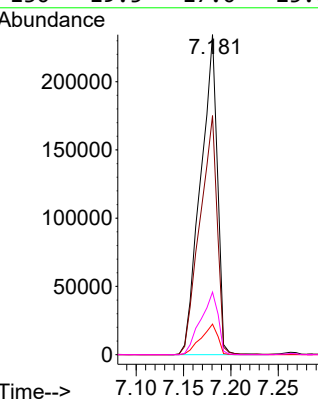
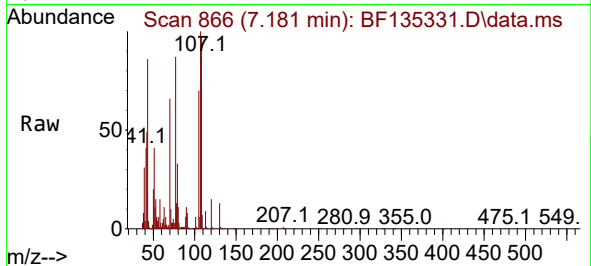
130 19.5 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#20

3+4-Methylphenols

Concen: 44.922 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Tgt Ion:107 Resp: 395071

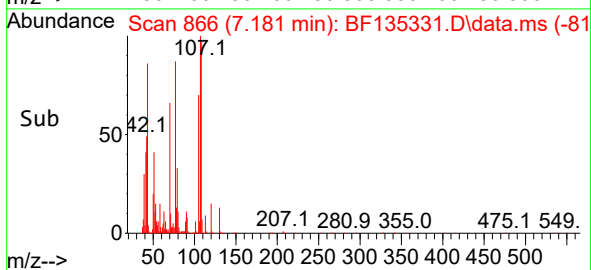
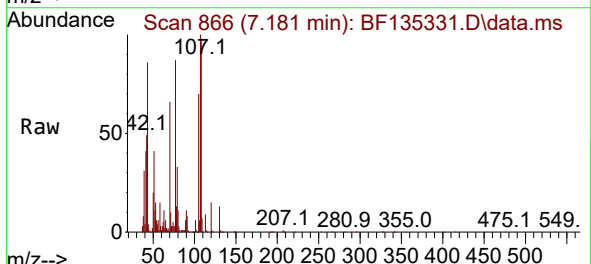
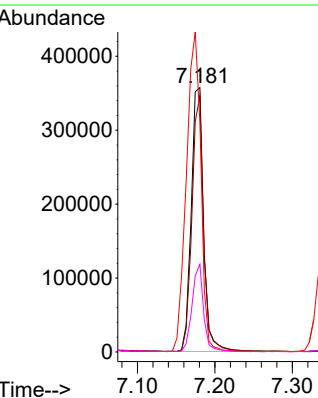
Ion Ratio Lower Upper

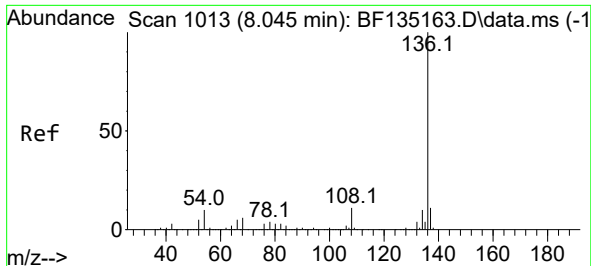
107 100

108 96.9 74.7 114.7

77 87.0 102.0 142.0#

79 33.2 11.7 51.7





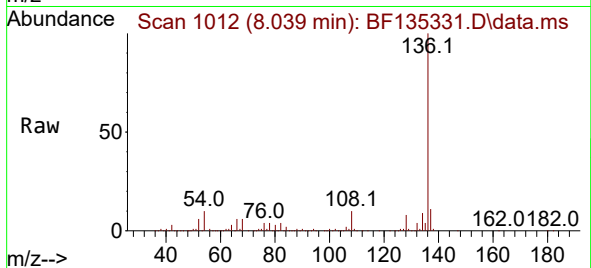
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

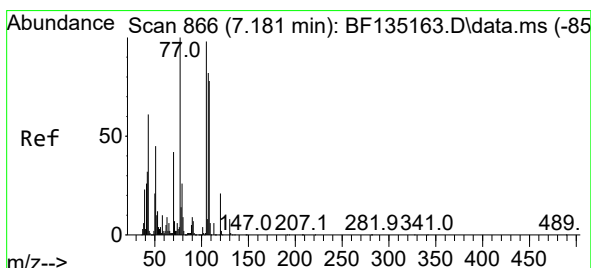
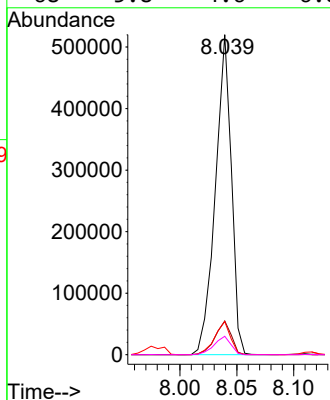
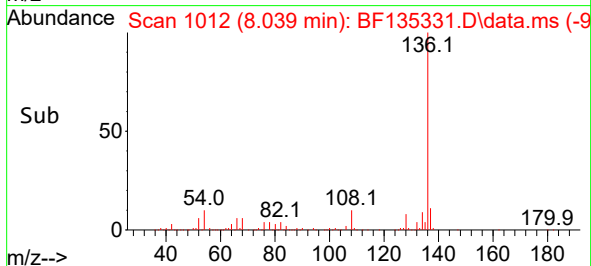


Tgt Ion:136 Resp: 50983
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.4 7.7 11.5
68 5.8 4.6 6.8

Manual Integrations

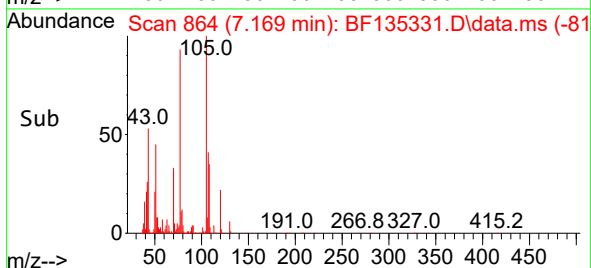
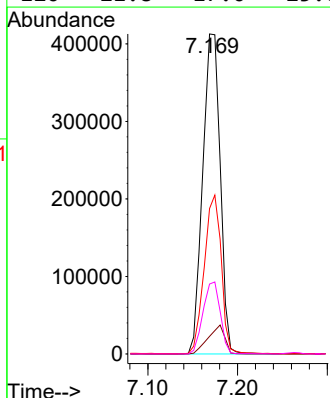
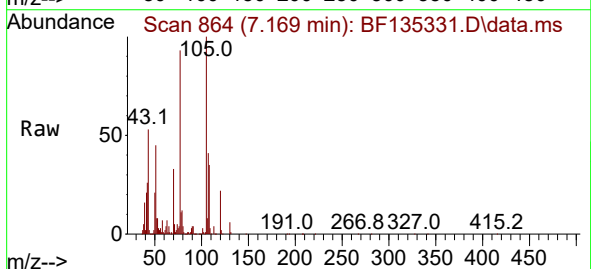
APPROVED

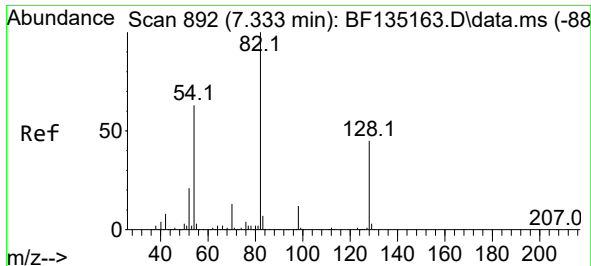
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#22
Acetophenone
Concen: 48.004 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion:105 Resp: 559539
Ion Ratio Lower Upper
105 100
71 5.5 5.8 8.6#
51 45.5 37.0 55.4
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 93.411 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

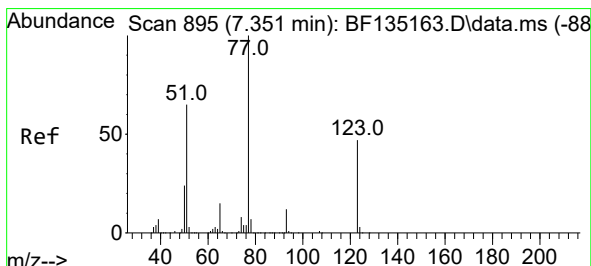
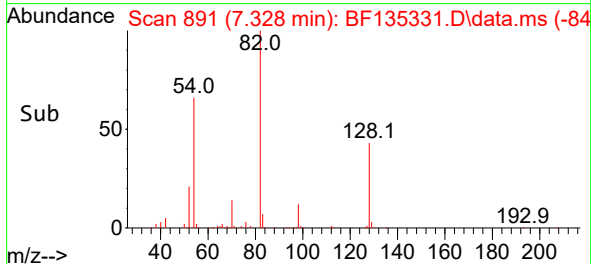
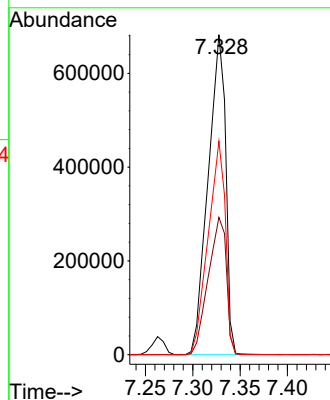
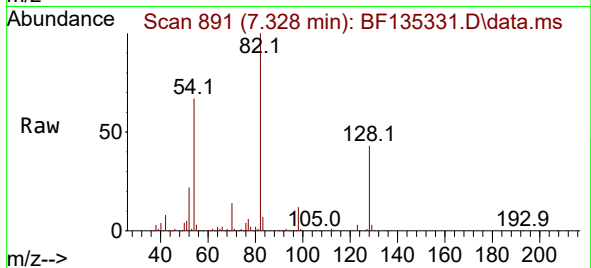
PB155592BS

Tgt Ion: 82 Resp: 876580
 Ion Ratio Lower Upper
 82 100
 128 42.9 35.8 53.6
 54 66.7 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023



#24

Nitrobenzene

Concen: 48.782 ng

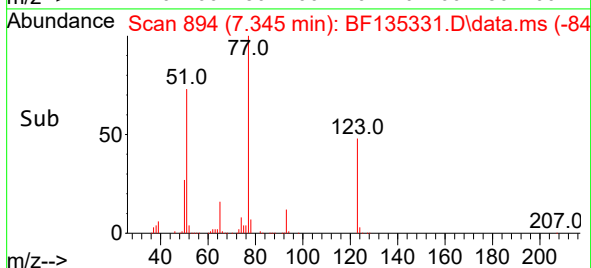
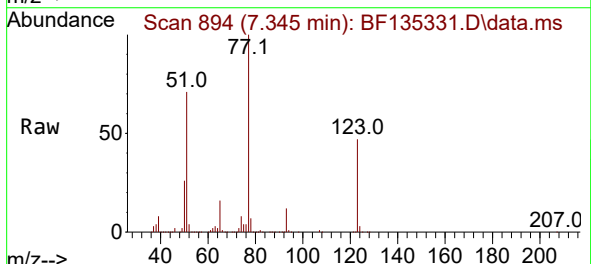
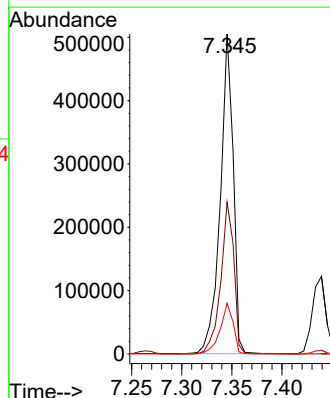
RT: 7.345 min Scan# 894

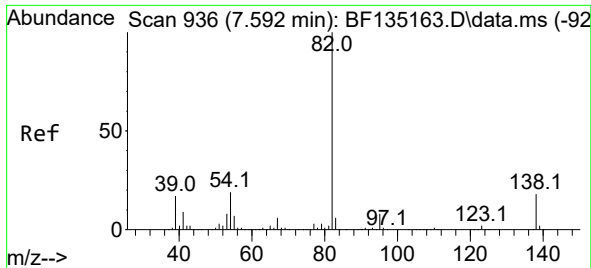
Delta R.T. -0.006 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Tgt Ion: 77 Resp: 452461
 Ion Ratio Lower Upper
 77 100
 123 47.5 37.6 56.4
 65 15.8 12.2 18.4





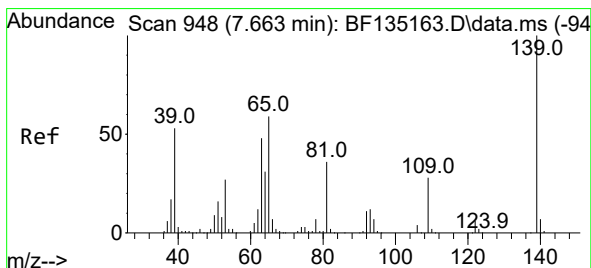
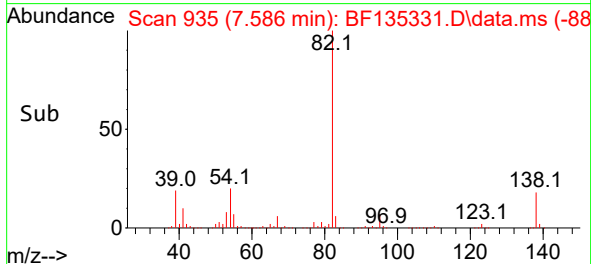
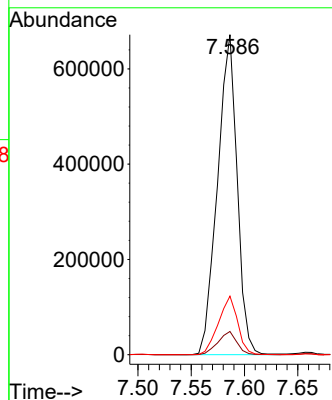
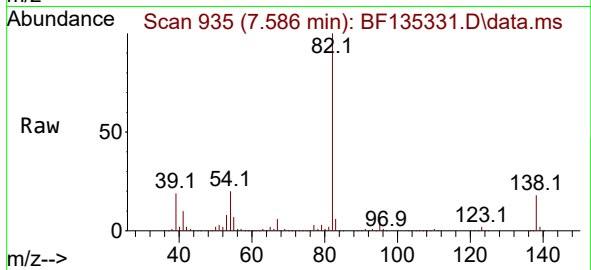
#25
Isophorone
Concen: 49.898 ng
RT: 7.586 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :
BNA_F
ClientSampleId :
PB155592BS

Tgt Ion: 82 Resp: 859820
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 18.3 14.5 21.7

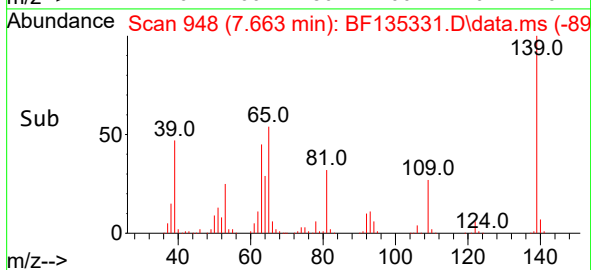
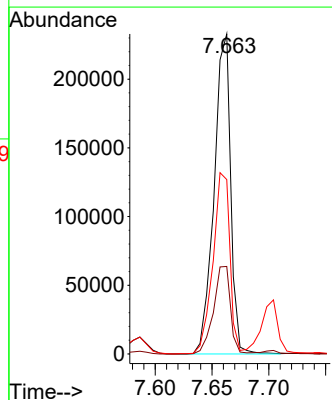
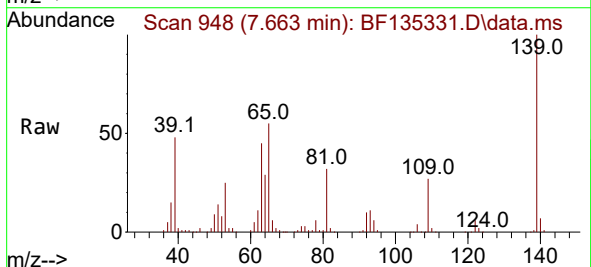
Manual Integrations
APPROVED

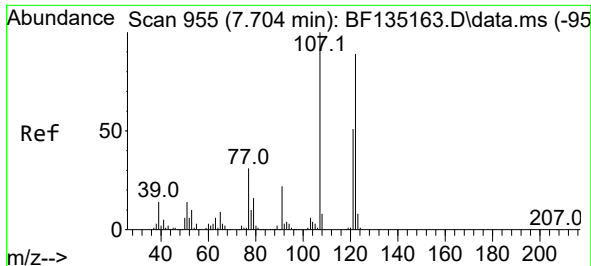
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#26
2-Nitrophenol
Concen: 53.102 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion:139 Resp: 236391
Ion Ratio Lower Upper
139 100
109 27.4 22.6 33.8
65 54.5 47.0 70.4





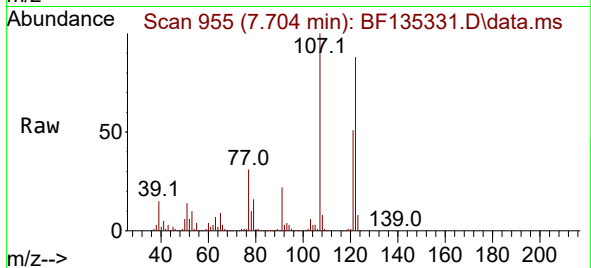
#27
2,4-Dimethylphenol
Concen: 48.318 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

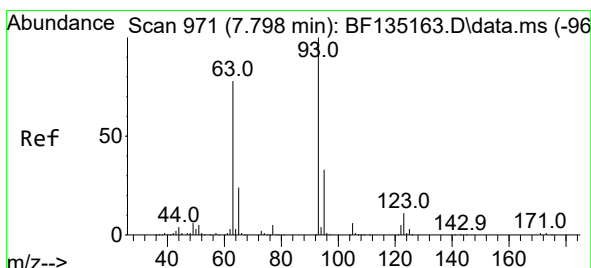
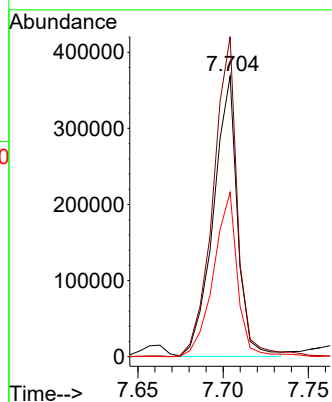
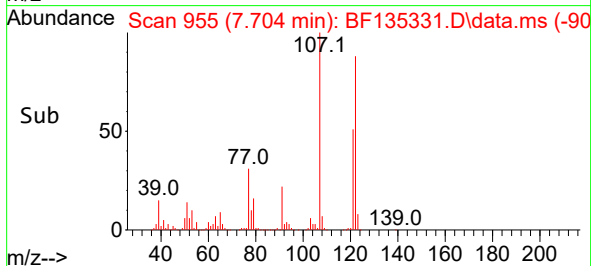


Tgt Ion: 122 Resp: 36154
Ion Ratio Lower Upper
122 100
107 114.1 90.2 135.4
121 58.6 46.3 69.5

Manual Integrations

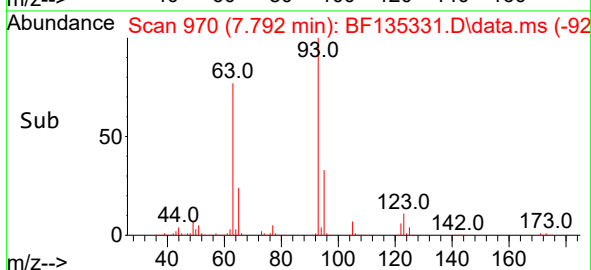
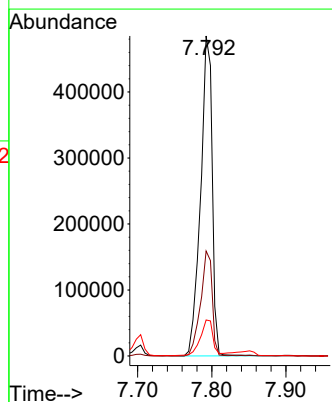
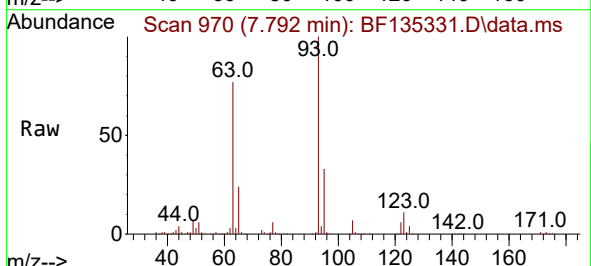
APPROVED

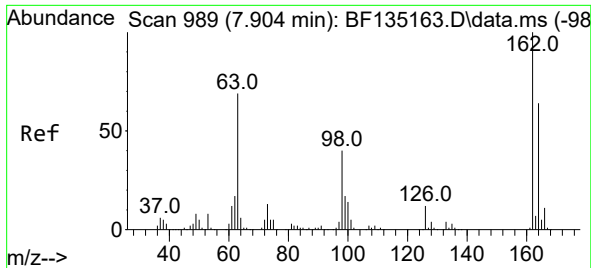
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 51.149 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion: 93 Resp: 527537
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 51.651 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

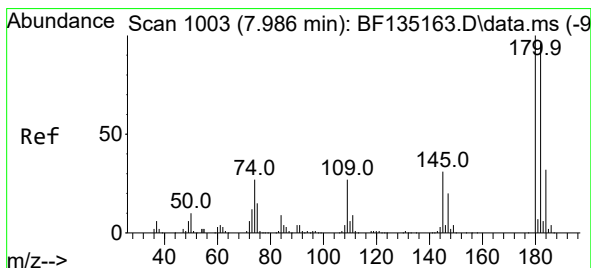
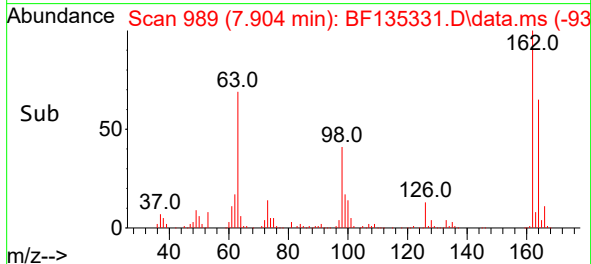
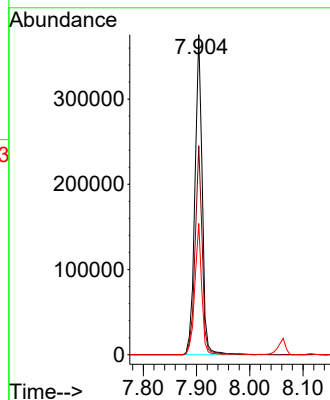
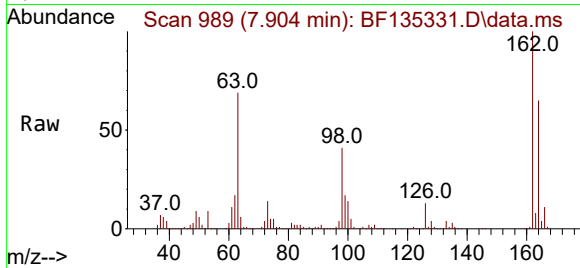
Tgt Ion:	162	Resp:	358120
Ion Ratio	Lower	Upper	
162	100		
164	65.3	44.1	84.1
98	41.0	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 51.021 ng

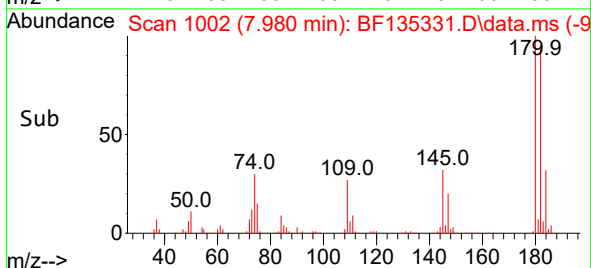
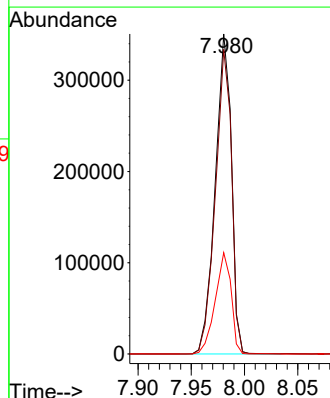
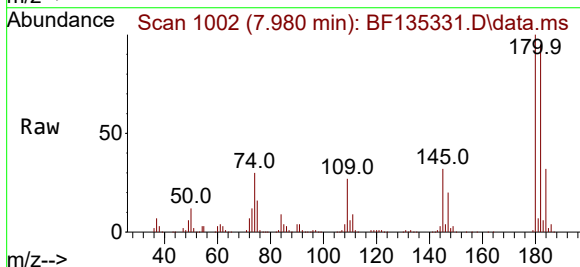
RT: 7.980 min Scan# 1002

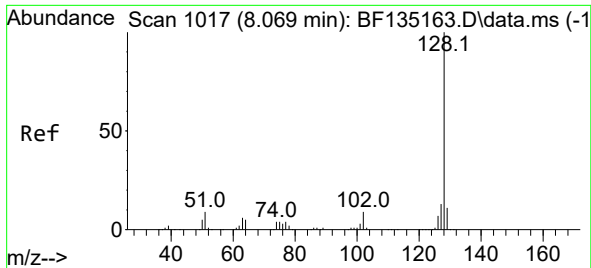
Delta R.T. -0.006 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Tgt Ion:	180	Resp:	369756
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.9	115.3
145	31.7	24.5	36.7





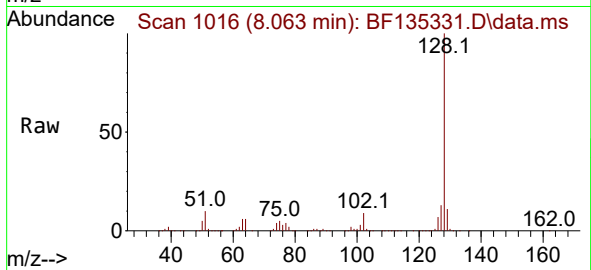
#31
Naphthalene
Concen: 49.410 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS



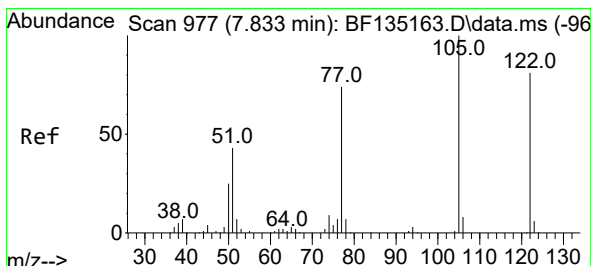
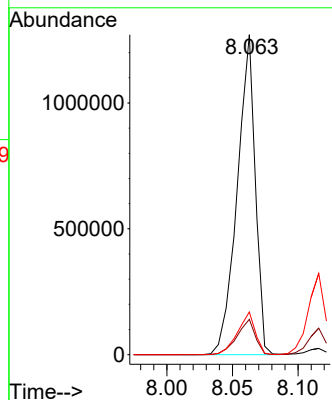
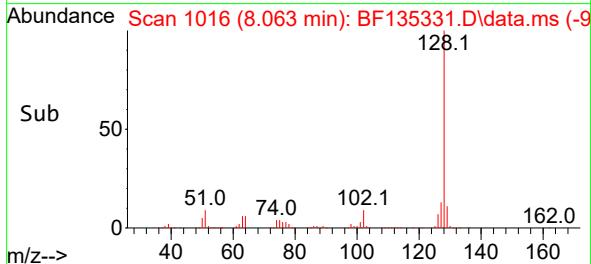
Tgt Ion:128 Resp: 1223939
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.7 16.1

Manual Integrations

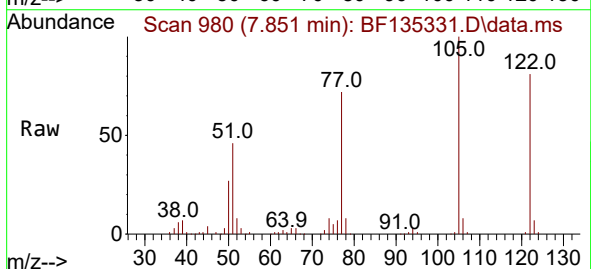
APPROVED

Reviewed By :Yogesh Patel 09/20/2023

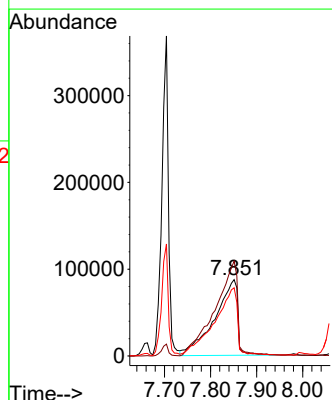
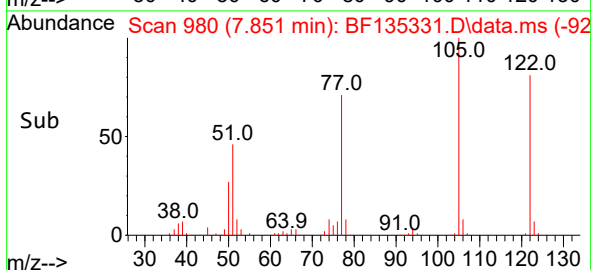
Supervised By :mohammad ahmed 09/20/2023

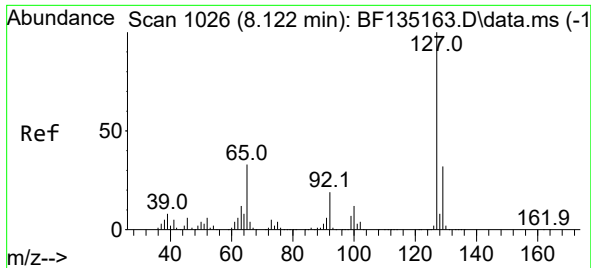


#32
Benzoic acid
Concen: 53.849 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11



Tgt Ion:122 Resp: 303407
Ion Ratio Lower Upper
122 100
105 124.0 99.9 139.9
77 89.3 70.0 110.0





#33
4-Chloroaniline
Concen: 28.681 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

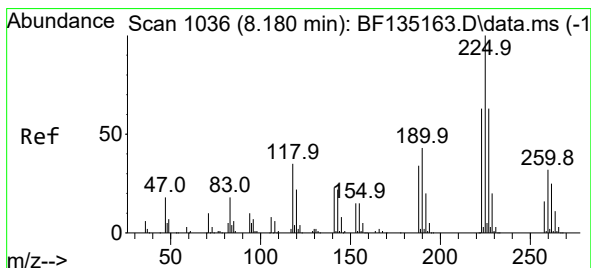
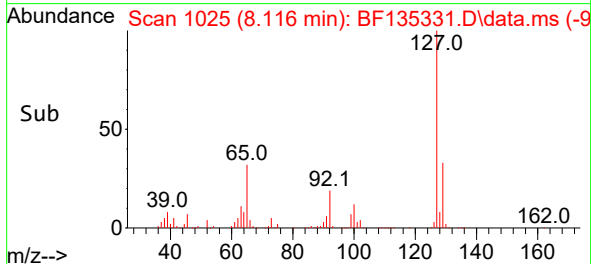
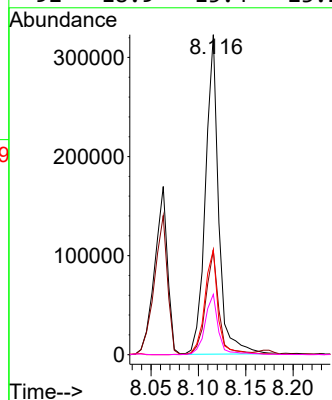
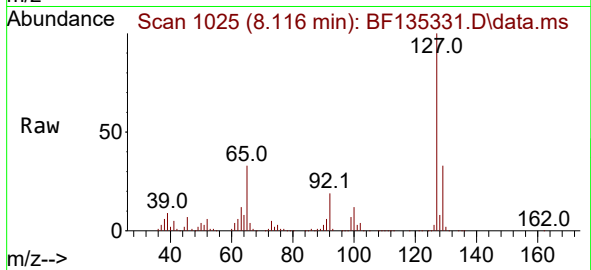
PB155592BS

Tgt Ion:127 Resp: 311709
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.8
65 32.8 26.6 39.8
92 18.9 15.4 23.2

Manual Integrations

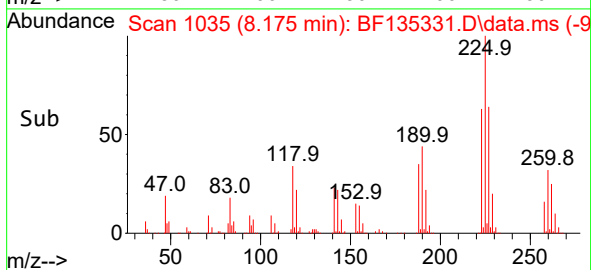
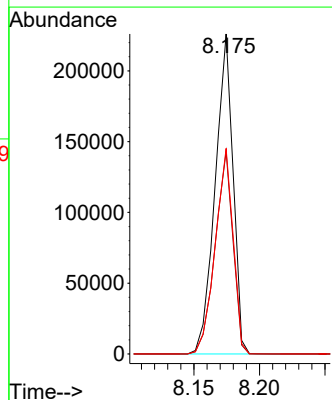
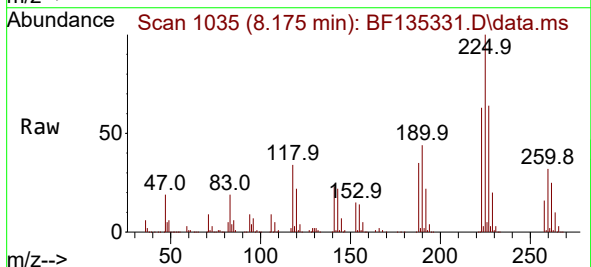
APPROVED

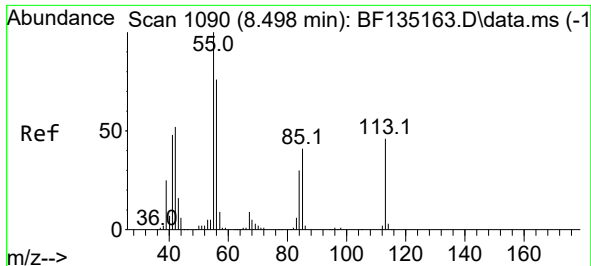
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#34
Hexachlorobutadiene
Concen: 48.895 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

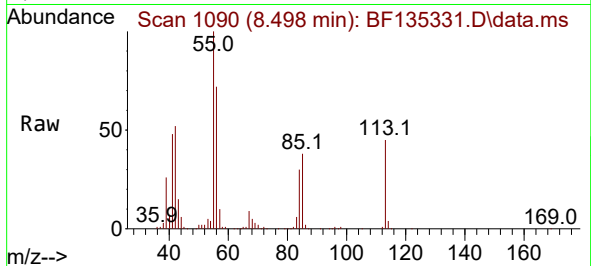
Tgt Ion:225 Resp: 213665
Ion Ratio Lower Upper
225 100
223 63.3 50.6 75.8
227 64.2 50.8 76.2





#35
 Caprolactam
 Concen: 54.608 ng m
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF135331.D
 Acq: 19 Sep 2023 13:11

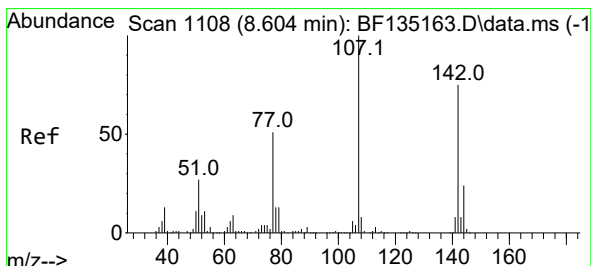
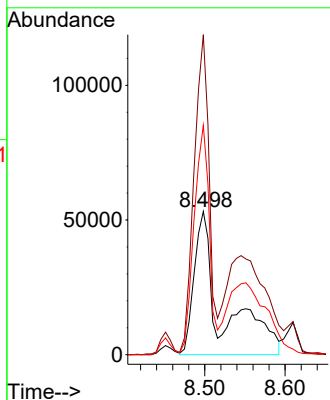
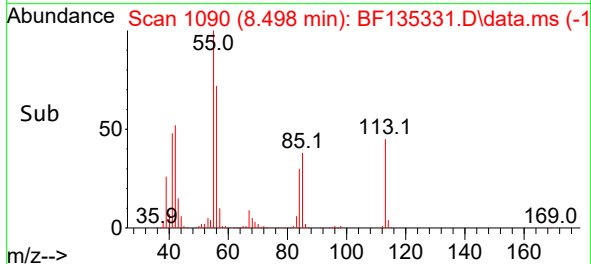
Instrument :
 BNA_F
 ClientSampleId :
 PB155592BS



Tgt Ion:113 Resp: 127072
 Ion Ratio Lower Upper
 113 100
 55 223.4 199.3 239.3
 56 160.0 146.3 186.3

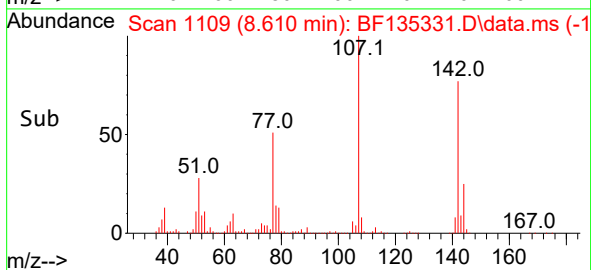
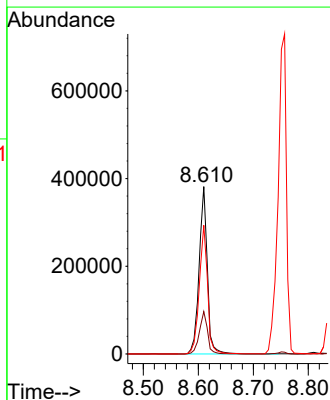
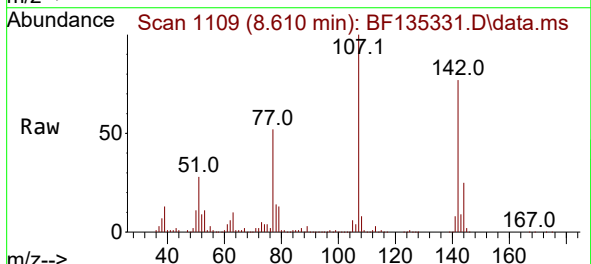
Manual Integrations
 APPROVED

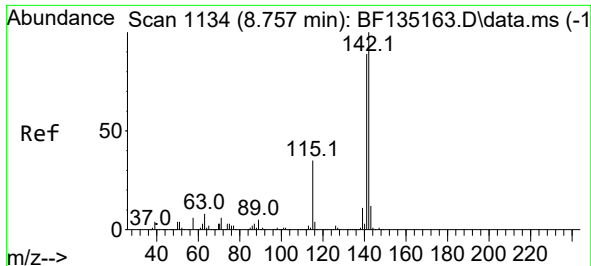
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023



#36
 4-Chloro-3-methylphenol
 Concen: 51.620 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135331.D
 Acq: 19 Sep 2023 13:11

Tgt Ion:107 Resp: 397784
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.0 28.4
 142 76.9 60.2 90.2





#37
2-Methylnaphthalene
Concen: 46.698 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

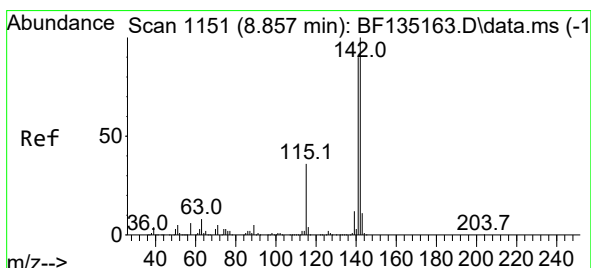
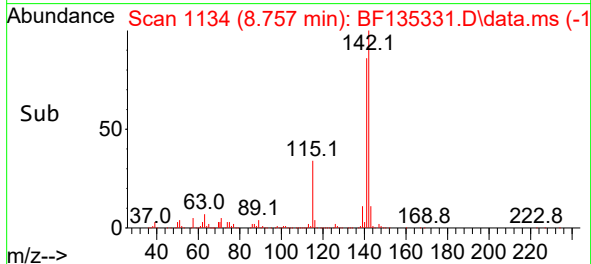
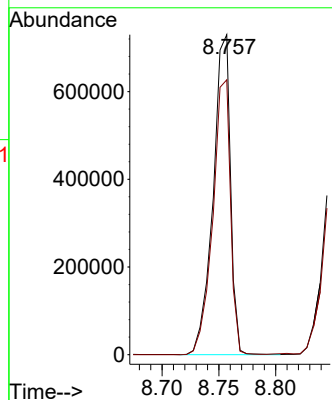
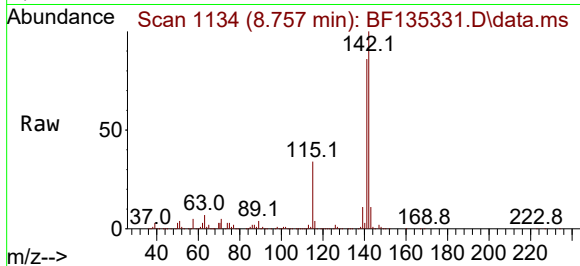
ClientSampleId :

PB155592BS

Tgt Ion:142 Resp: 77757
Ion Ratio Lower Upper
142 100
141 85.9 71.0 106.6

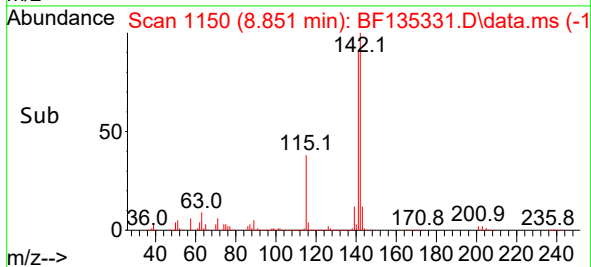
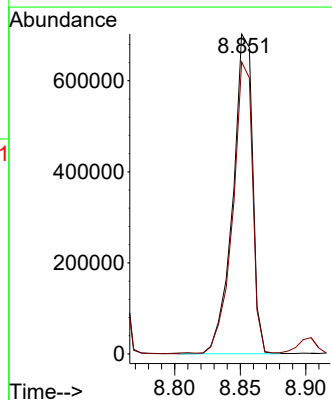
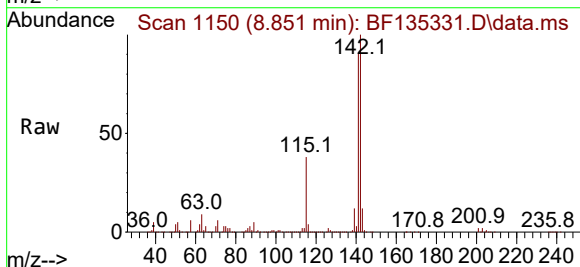
Manual Integrations
APPROVED

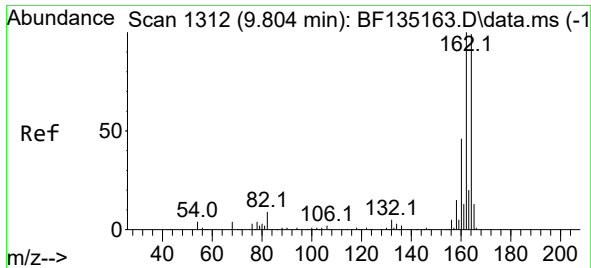
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#38
1-Methylnaphthalene
Concen: 47.450 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion:142 Resp: 739718
Ion Ratio Lower Upper
142 100
141 91.3 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135331.D

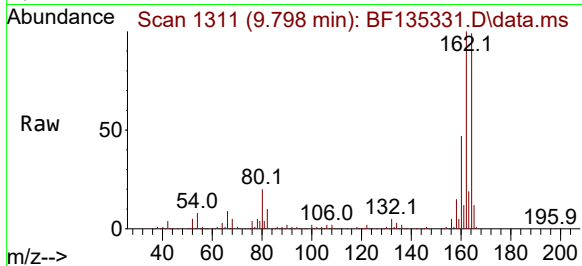
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS



Tgt Ion:164 Resp: 26109

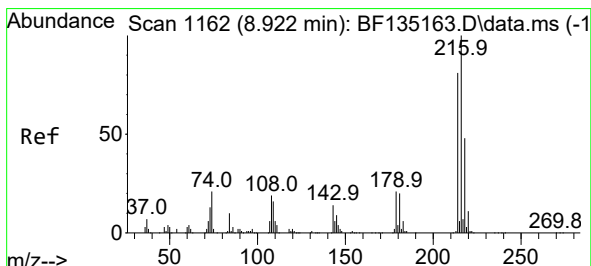
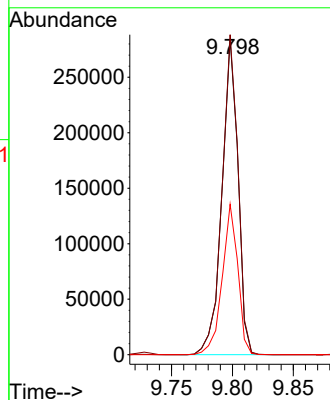
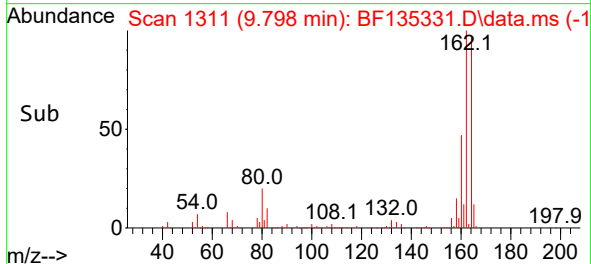
Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.0	121.4
160	47.6	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#40

1,2,4,5-Tetrachlorobenzene

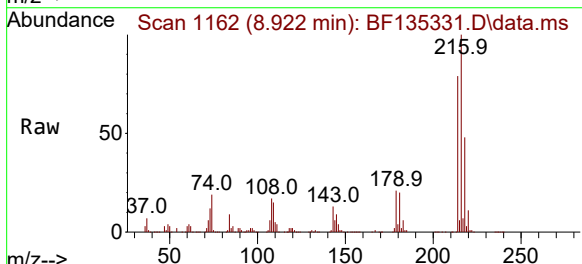
Concen: 47.796 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

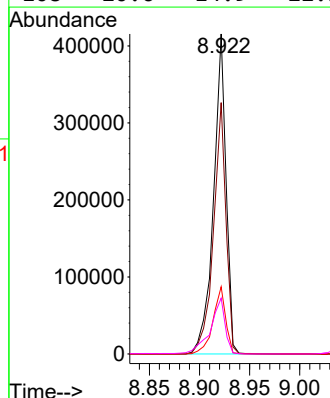
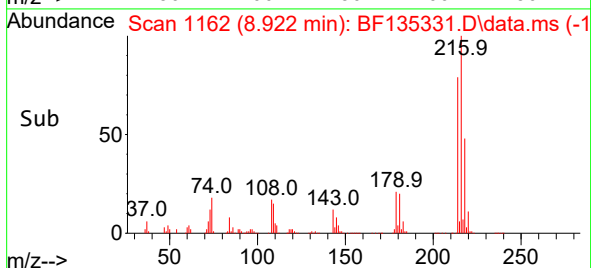
Lab File: BF135331.D

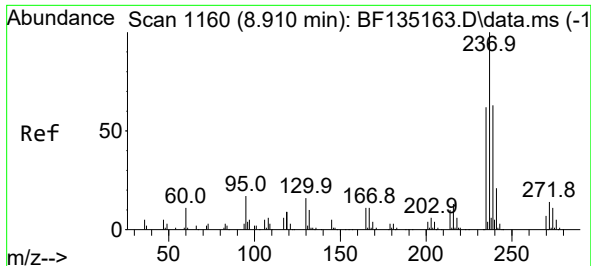
Acq: 19 Sep 2023 13:11



Tgt Ion:216 Resp: 361531

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.7	95.5
179	21.1	16.7	25.1
108	20.6	14.9	22.3





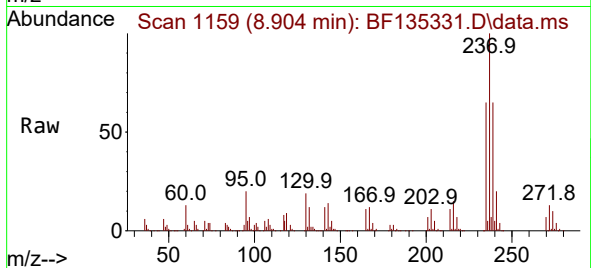
#41
Hexachlorocyclopentadiene
Concen: 82.097 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

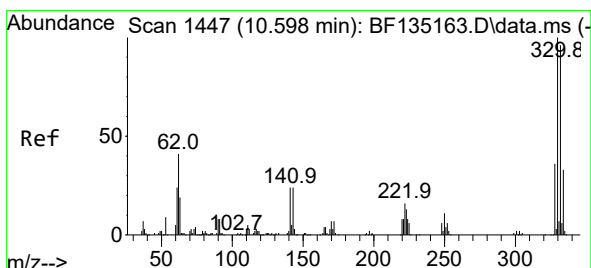
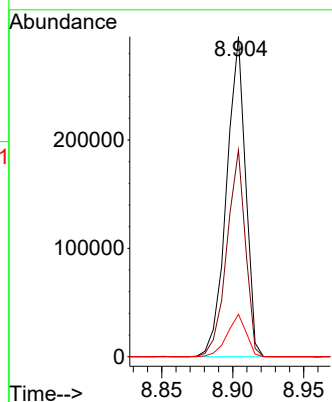
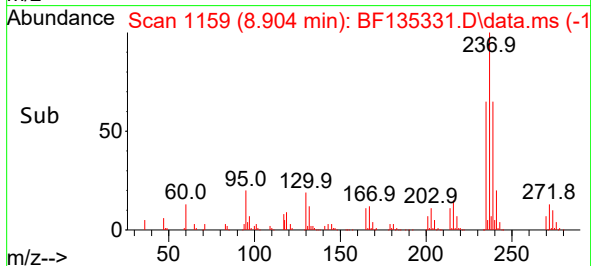


Tgt Ion: 237 Resp: 27433
Ion Ratio Lower Upper
237 100
235 64.6 41.8 81.8
272 13.2 0.0 33.6

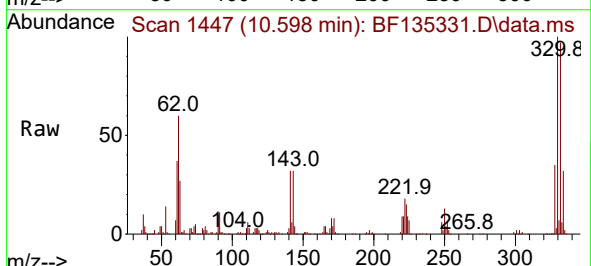
Manual Integrations

APPROVED

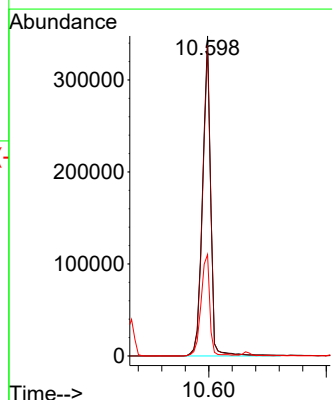
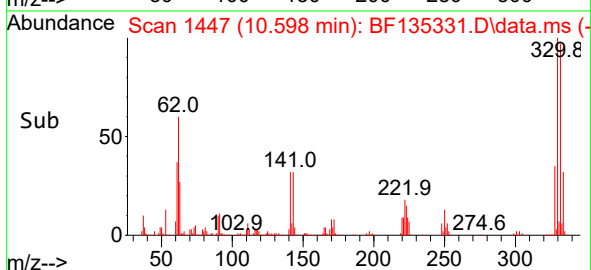
Reviewed By : Yogesh Patel 09/20/2023
Supervised By : mohammad ahmed 09/20/2023

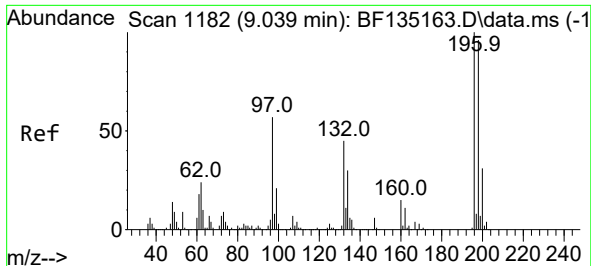


#42
2,4,6-Tribromophenol
Concen: 128.657 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11



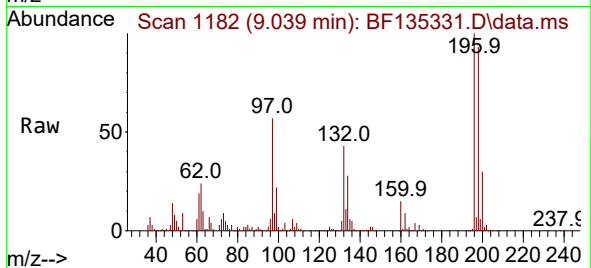
Tgt Ion: 330 Resp: 333818
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 34.1 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 50.850 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

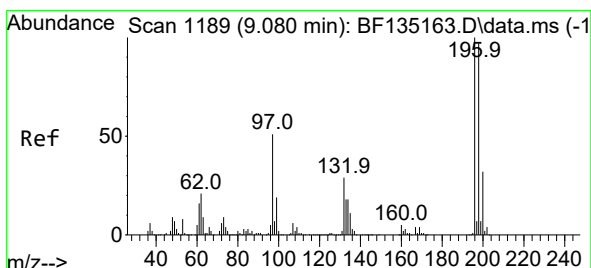
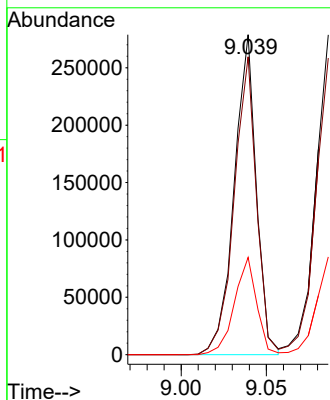
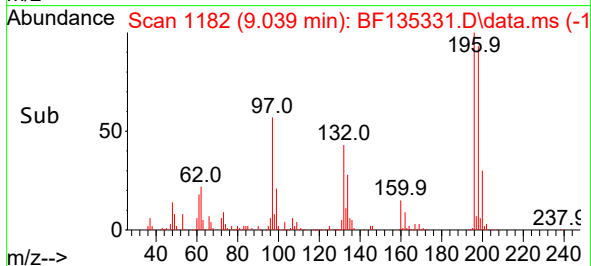
Instrument :
BNA_F
ClientSampleId :
PB155592BS



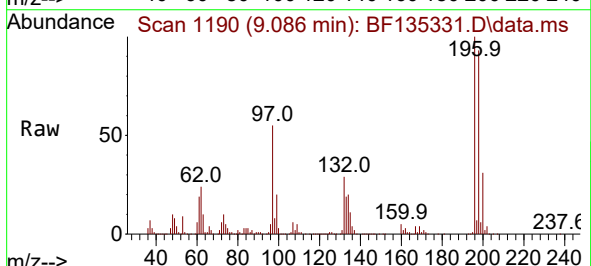
Tgt Ion:196 Resp: 251834
Ion Ratio Lower Upper
196 100
198 93.1 77.0 115.6
200 30.4 24.5 36.7

Manual Integrations
APPROVED

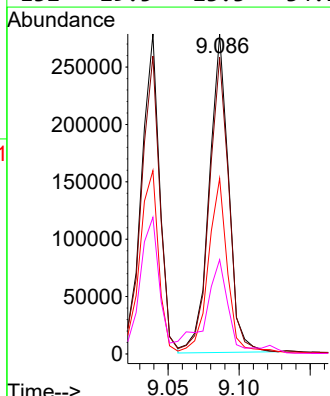
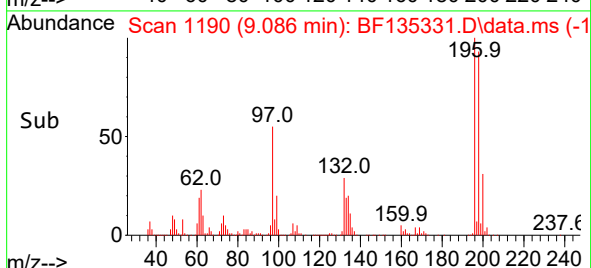
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

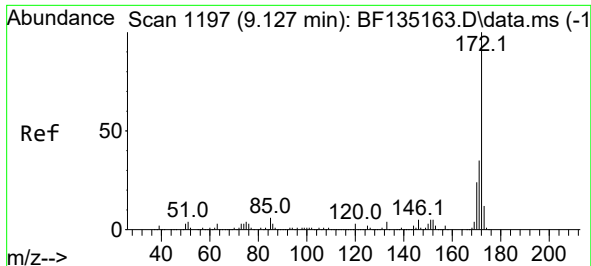


#44
2,4,5-Trichlorophenol
Concen: 46.138 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11



Tgt Ion:196 Resp: 263141
Ion Ratio Lower Upper
196 100
198 92.8 77.5 116.3
97 54.9 40.5 60.7
132 29.5 23.3 34.9





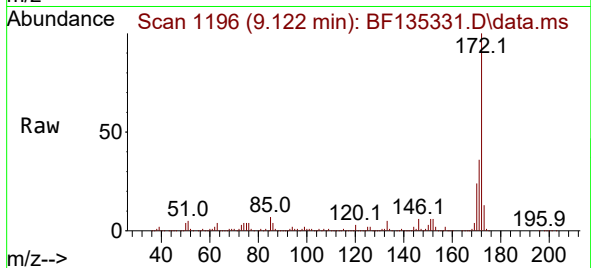
#45
2-Fluorobiphenyl
Concen: 87.541 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS



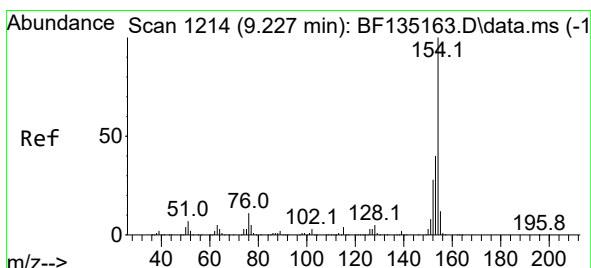
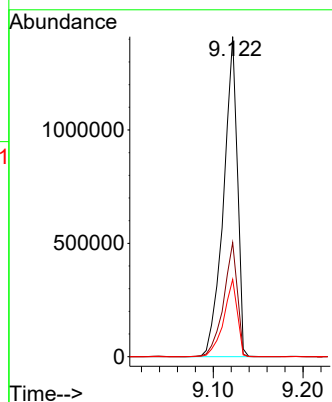
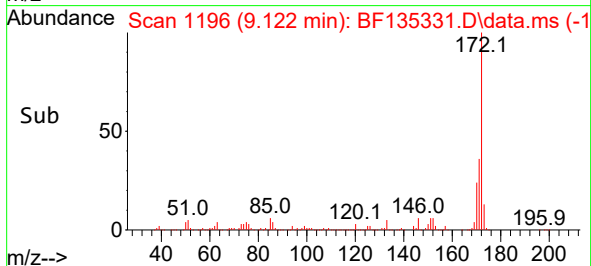
Tgt Ion:172 Resp: 151495
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.1 19.0 28.4

Manual Integrations

APPROVED

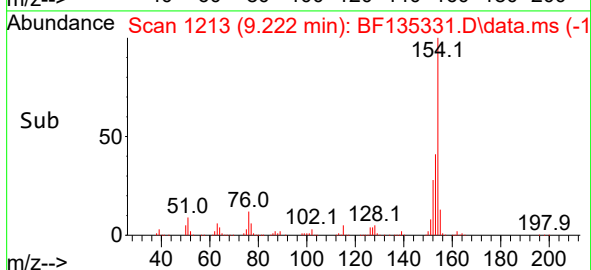
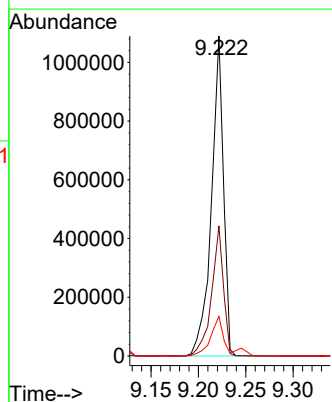
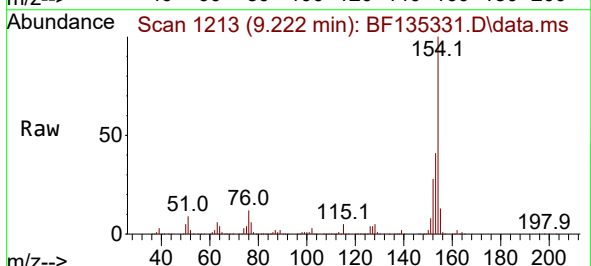
Reviewed By :Yogesh Patel 09/20/2023

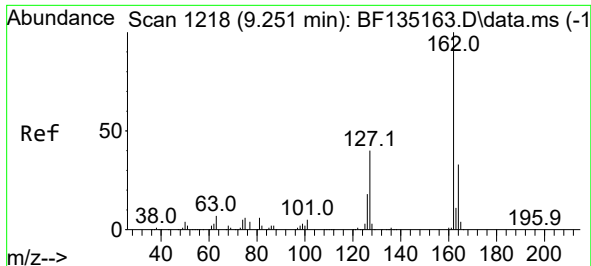
Supervised By :mohammad ahmed 09/20/2023



#46
1,1'-Biphenyl
Concen: 47.862 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion:154 Resp: 960329
Ion Ratio Lower Upper
154 100
153 40.7 19.6 59.6
76 12.4 0.0 31.0





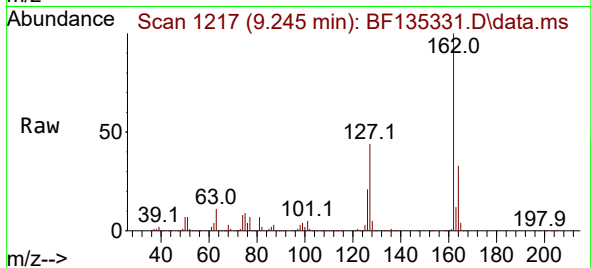
#47
2-Chloronaphthalene
Concen: 49.662 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

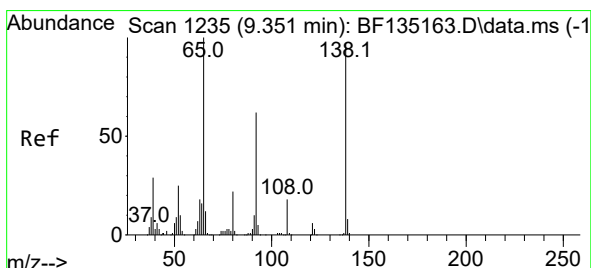
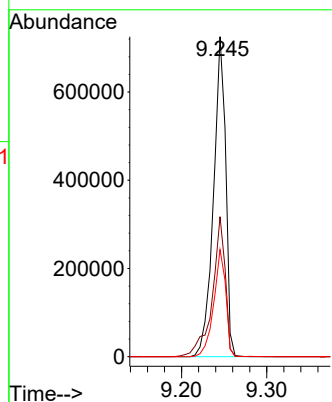
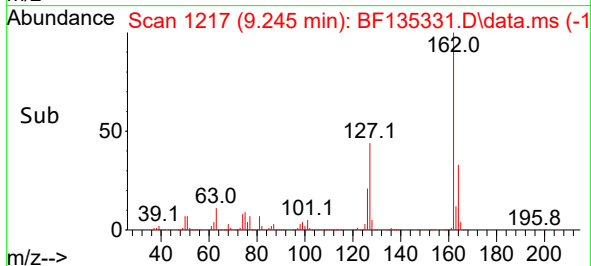


Tgt Ion:162 Resp: 722980
Ion Ratio Lower Upper
162 100
127 43.8 32.6 48.8
164 33.5 26.2 39.2

Manual Integrations

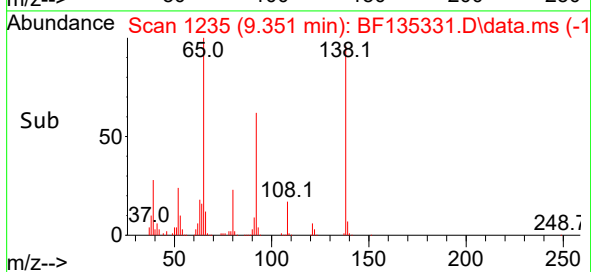
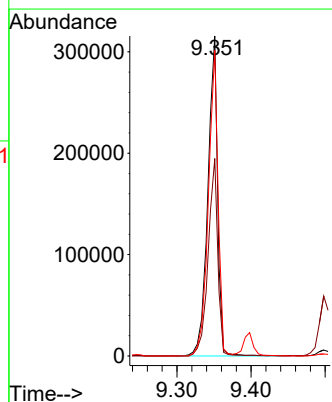
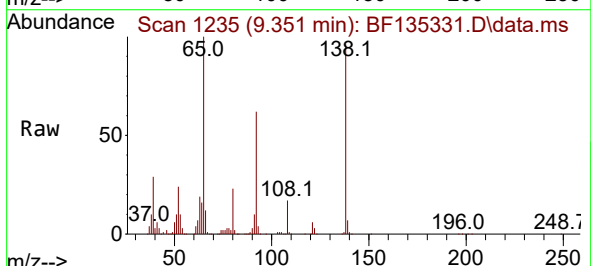
APPROVED

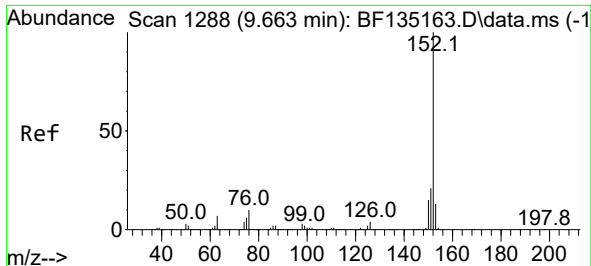
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#48
2-Nitroaniline
Concen: 51.301 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion: 65 Resp: 290146
Ion Ratio Lower Upper
65 100
92 61.7 49.4 74.0
138 95.6 77.4 116.0





#49

Acenaphthylene

Concen: 48.938 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

Tgt Ion:152 Resp: 118403

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

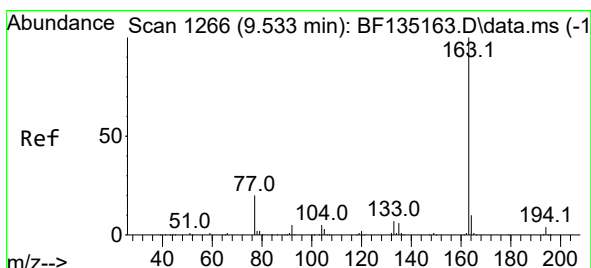
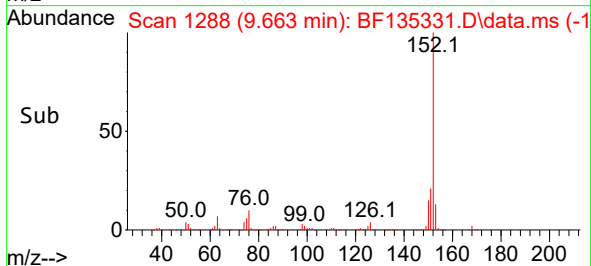
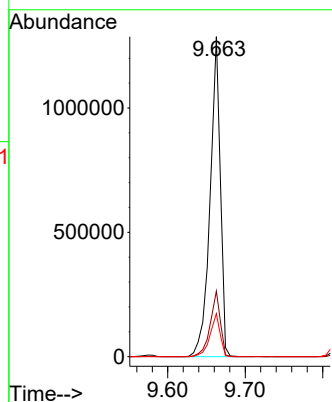
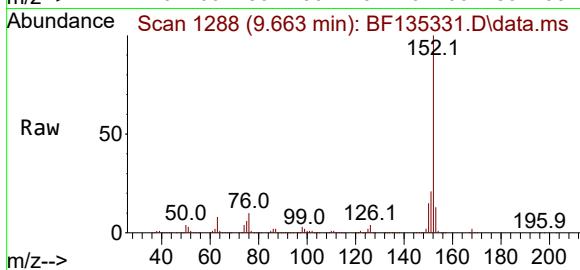
153 13.5 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#50

Dimethylphthalate

Concen: 50.401 ng

RT: 9.533 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

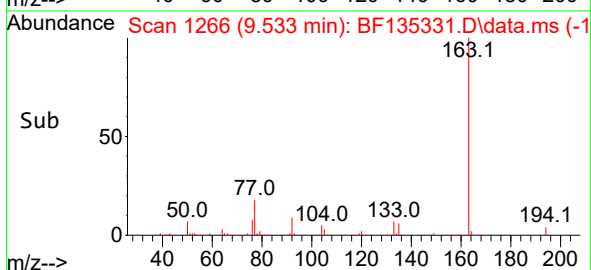
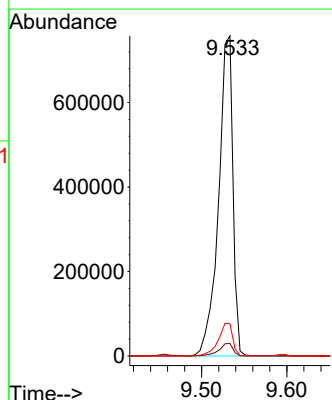
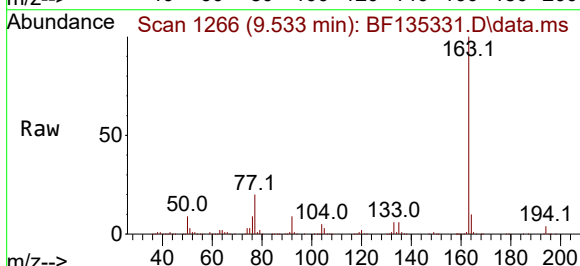
Tgt Ion:163 Resp: 889711

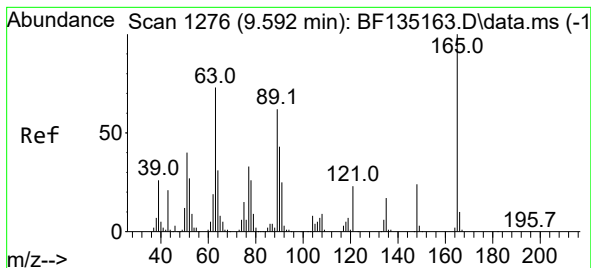
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

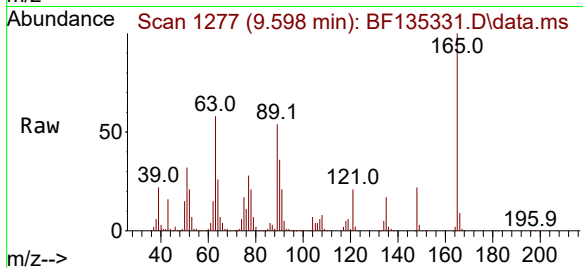
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 51.418 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

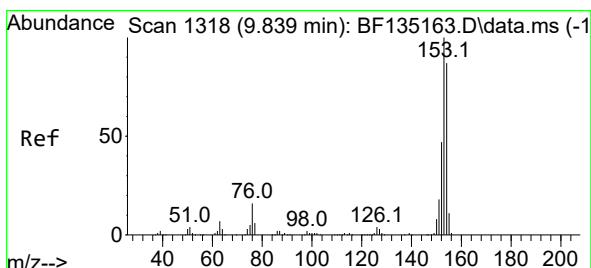
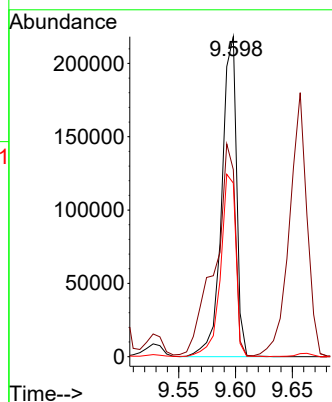
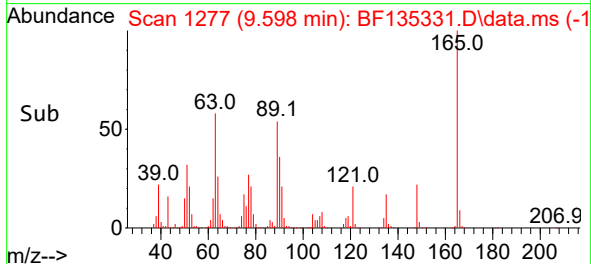
Instrument :
BNA_F
ClientSampleId :
PB155592BS



Tgt Ion:165 Resp: 198837
Ion Ratio Lower Upper
165 100
63 58.5 59.4 89.2
89 54.2 49.8 74.8

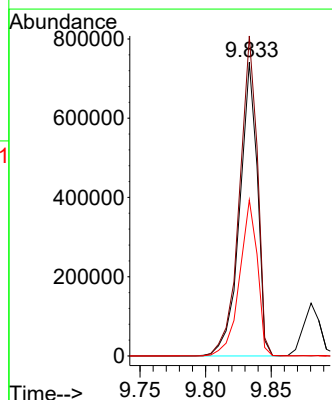
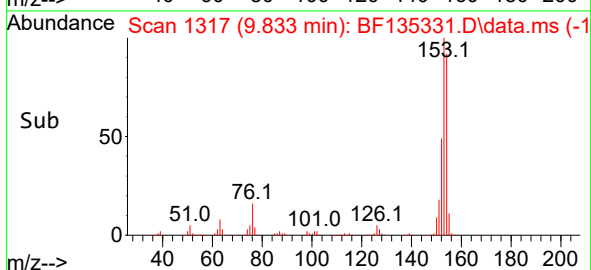
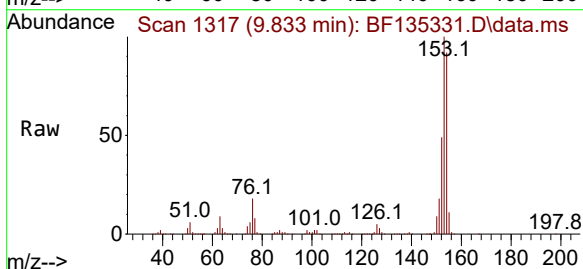
Manual Integrations
APPROVED

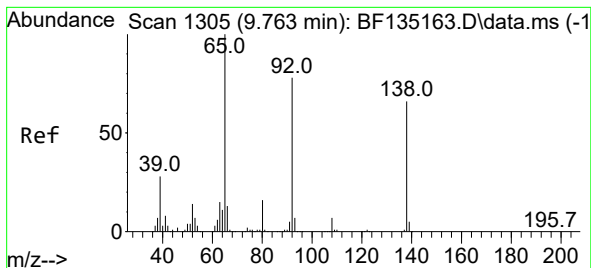
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#52
Acenaphthene
Concen: 48.657 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion:154 Resp: 695434
Ion Ratio Lower Upper
154 100
153 109.0 92.1 138.1
152 53.1 43.1 64.7





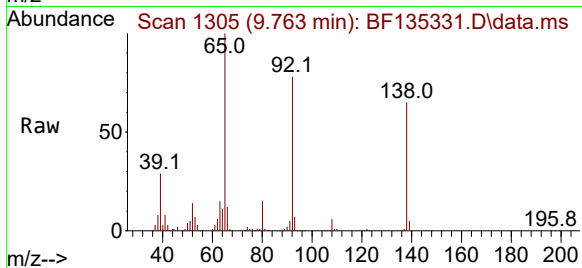
#53
3-Nitroaniline
Concen: 38.128 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

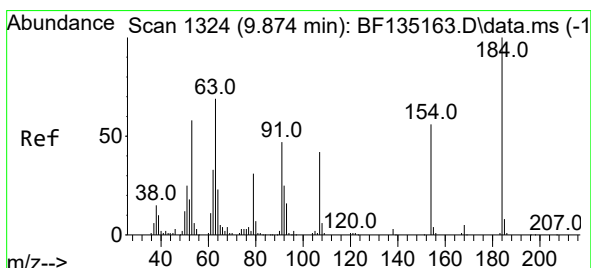
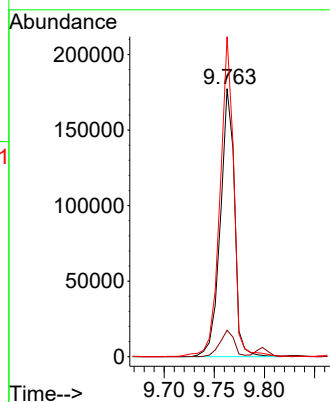
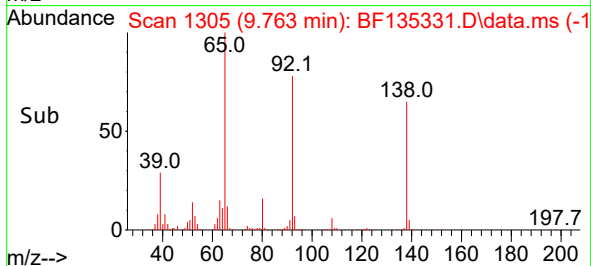


Tgt Ion:138 Resp: 173074
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 119.4 95.4 143.0

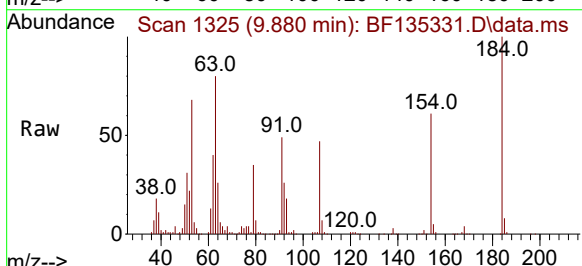
Manual Integrations

APPROVED

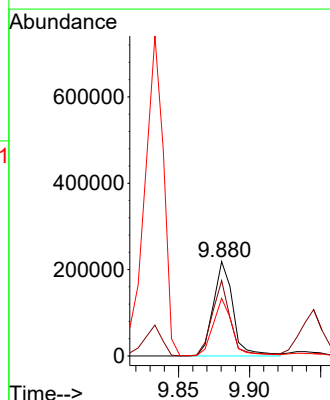
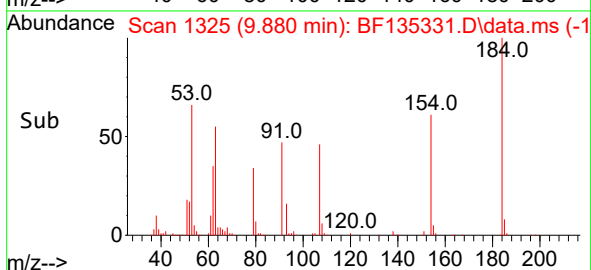
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

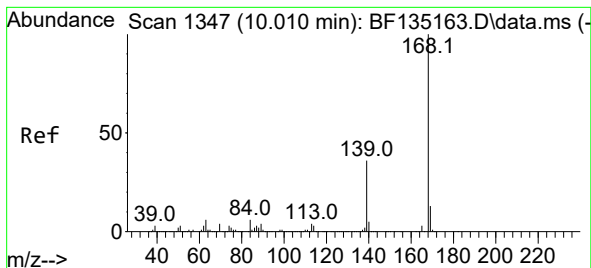


#54
2,4-Dinitrophenol
Concen: 94.944 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11



Tgt Ion:184 Resp: 211212
Ion Ratio Lower Upper
184 100
63 79.8 55.1 82.7
154 61.1 48.4 72.6





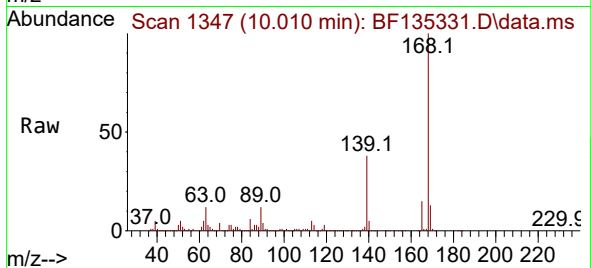
#55
Dibenzenofuran
Concen: 45.555 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

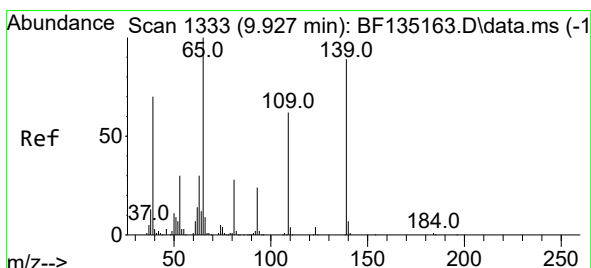
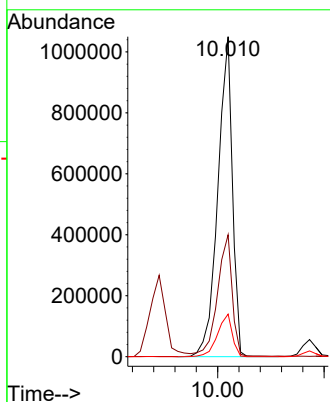
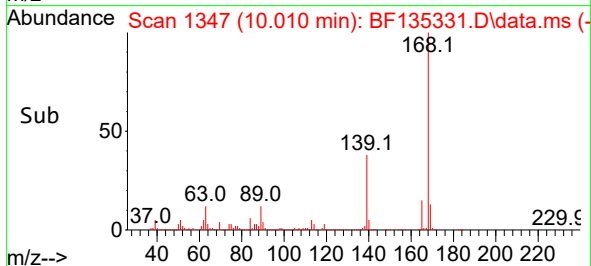


Tgt Ion:168 Resp: 993580
Ion Ratio Lower Upper
168 100
139 38.1 29.0 43.6
169 13.3 10.4 15.6

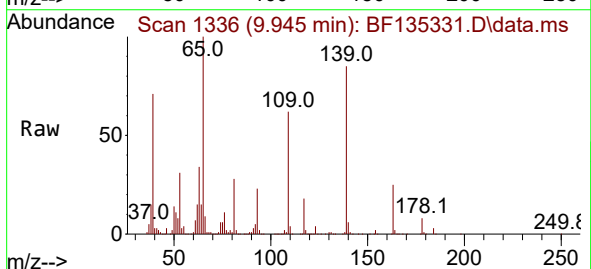
Manual Integrations

APPROVED

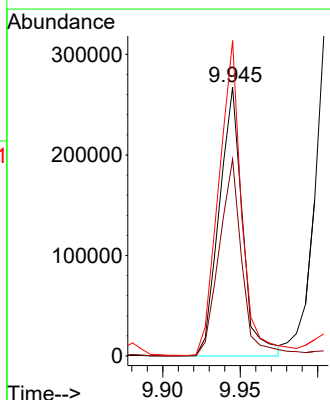
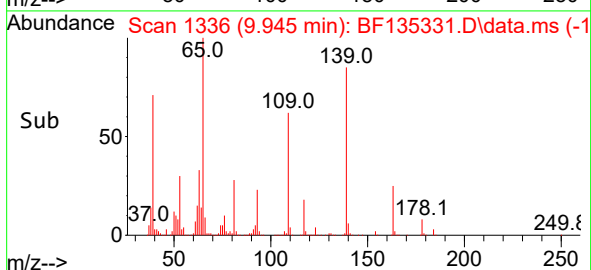
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

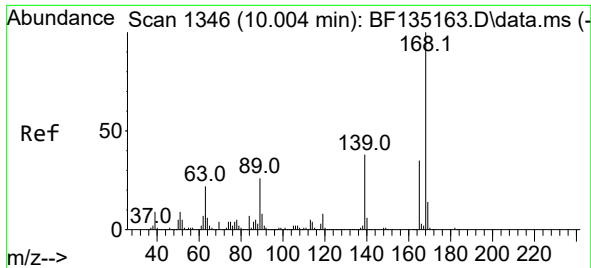


#56
4-Nitrophenol
Concen: 96.675 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11



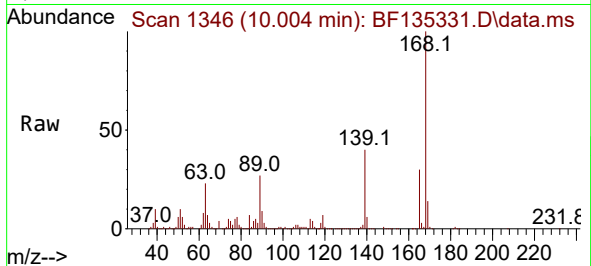
Tgt Ion:139 Resp: 278904
Ion Ratio Lower Upper
139 100
109 73.2 49.8 89.8
65 117.3 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 47.228 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

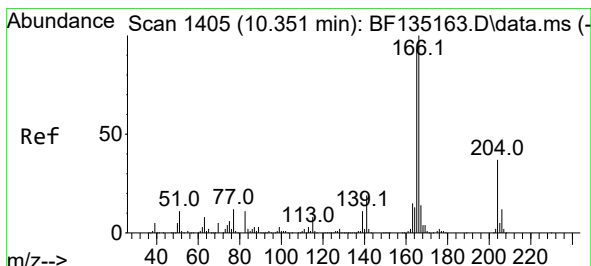
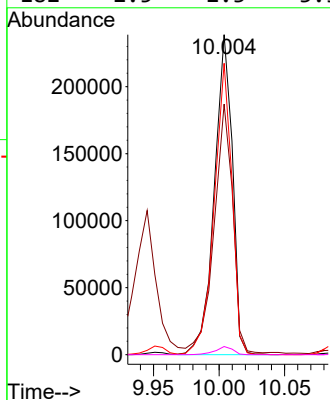
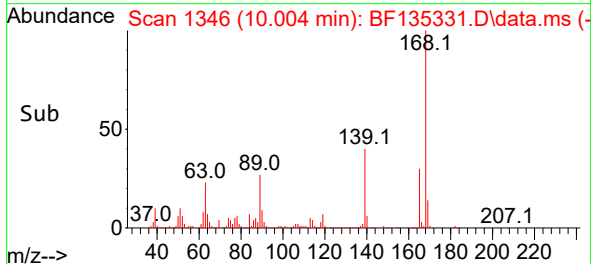
Instrument :
BNA_F
ClientSampleId :
PB155592BS



Tgt Ion:165 Resp: 22864
Ion Ratio Lower Upper
165 100
63 78.3 50.1 75.1
89 91.0 59.3 88.9
182 2.5 2.3 3.5

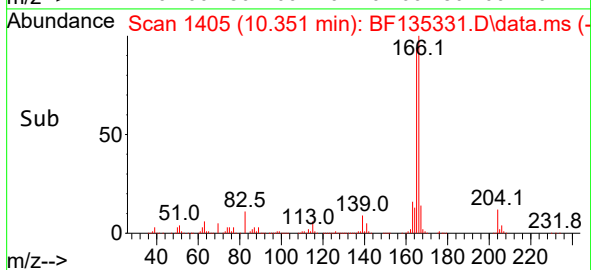
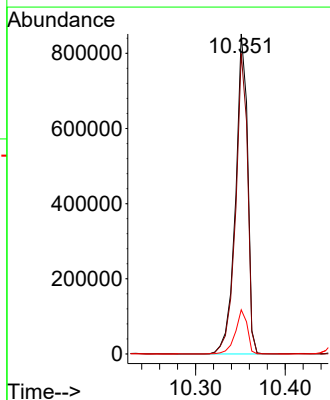
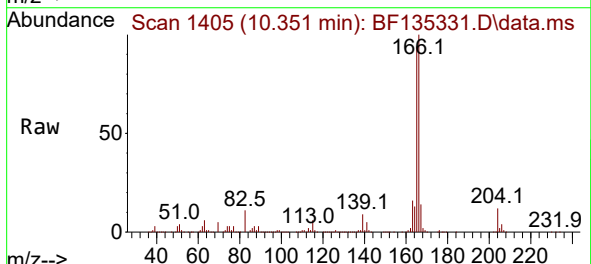
Manual Integrations
APPROVED

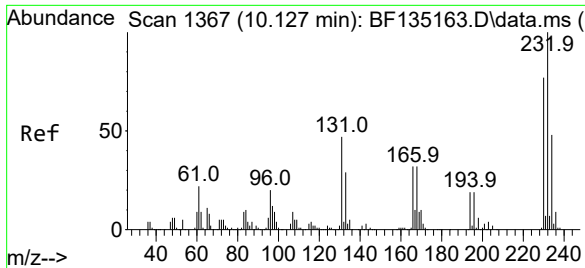
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#58
Fluorene
Concen: 47.457 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

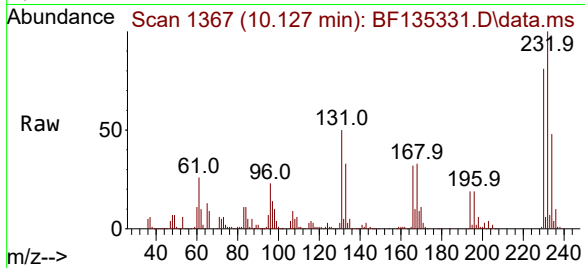
Tgt Ion:166 Resp: 795721
Ion Ratio Lower Upper
166 100
165 93.9 74.3 111.5
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.609 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

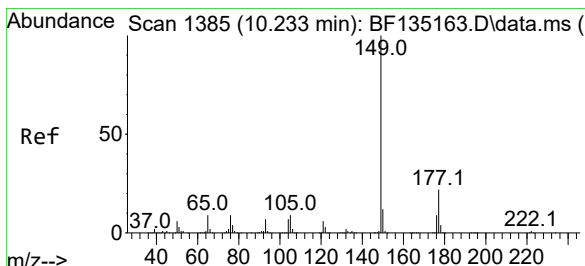
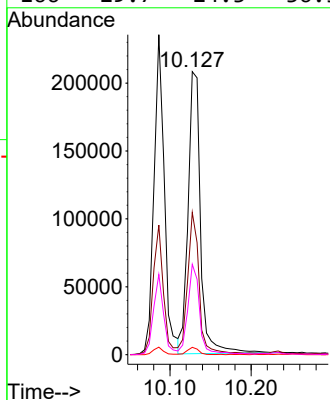
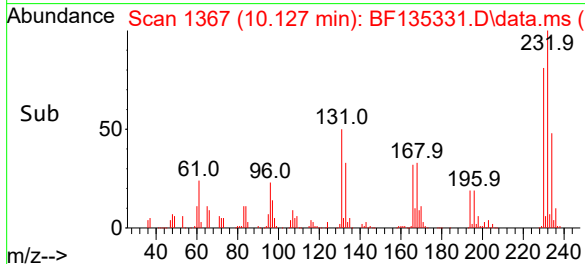
Instrument :
BNA_F
ClientSampleId :
PB155592BS



Tgt Ion:232 Resp: 222035
Ion Ratio Lower Upper
232 100
131 46.0 35.4 53.2
130 2.5 1.8 2.8
166 29.7 24.3 36.5

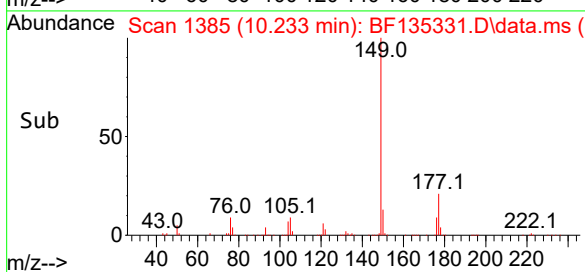
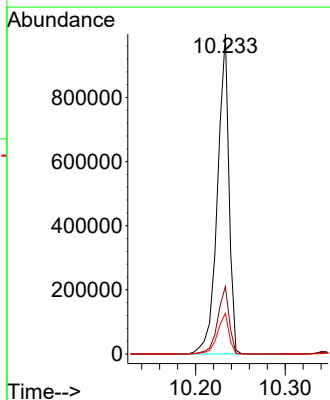
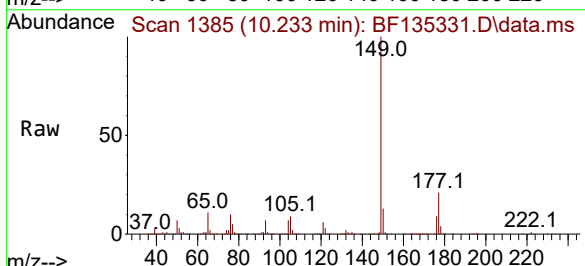
Manual Integrations
APPROVED

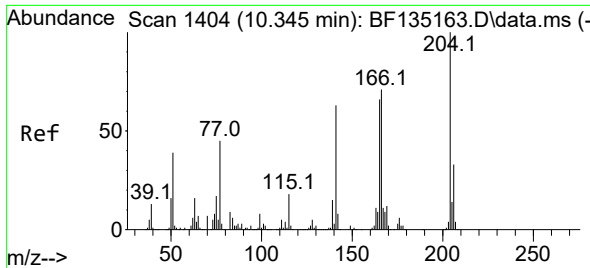
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#60
Diethylphthalate
Concen: 50.155 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

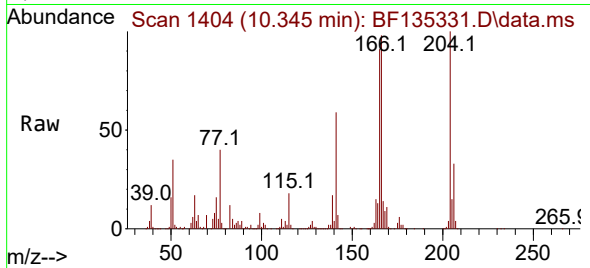
Tgt Ion:149 Resp: 888534
Ion Ratio Lower Upper
149 100
177 21.1 17.8 26.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.672 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

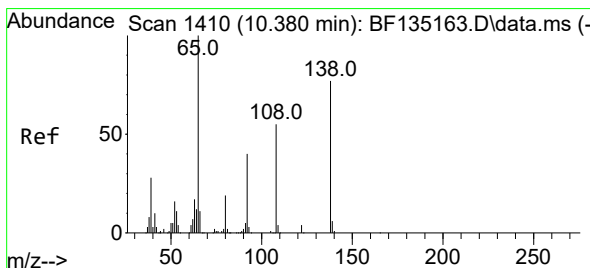
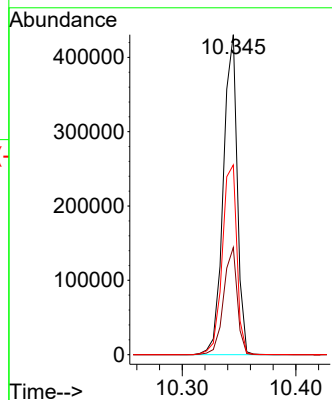
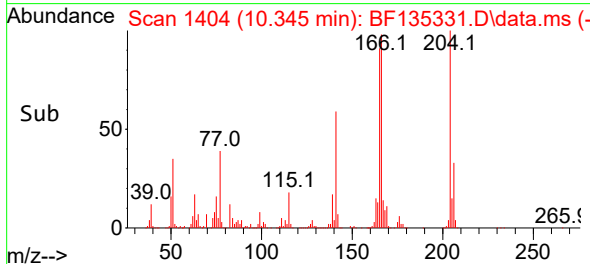
Instrument :
BNA_F
ClientSampleId :
PB155592BS



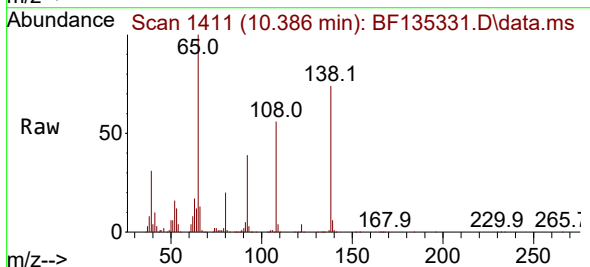
Tgt Ion:204 Resp: 367854
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 59.3 50.6 75.8

Manual Integrations
APPROVED

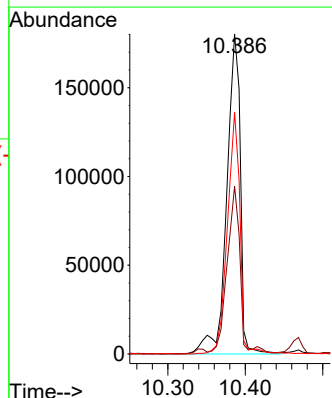
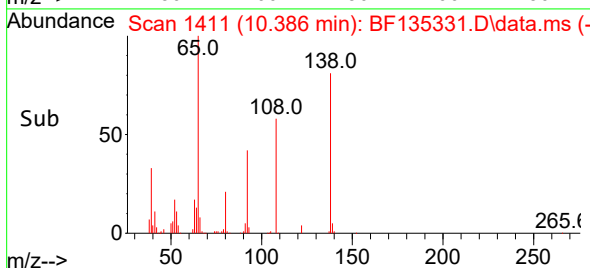
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

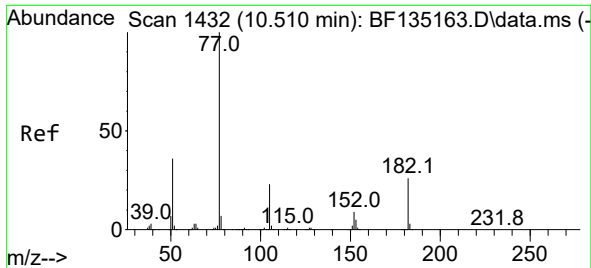


#62
4-Nitroaniline
Concen: 50.682 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11



Tgt Ion:138 Resp: 221144
Ion Ratio Lower Upper
138 100
92 52.5 31.8 71.8
108 75.5 52.0 92.0





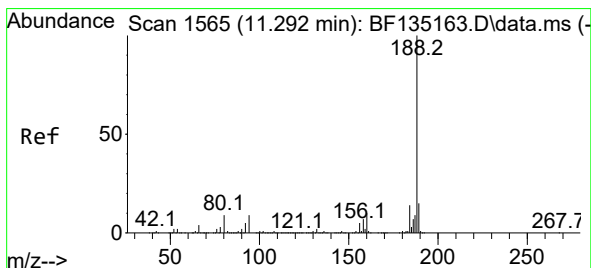
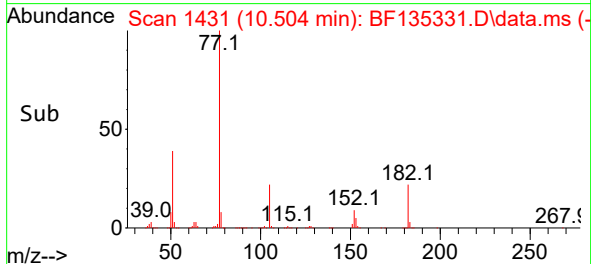
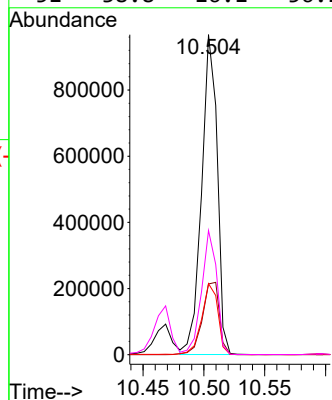
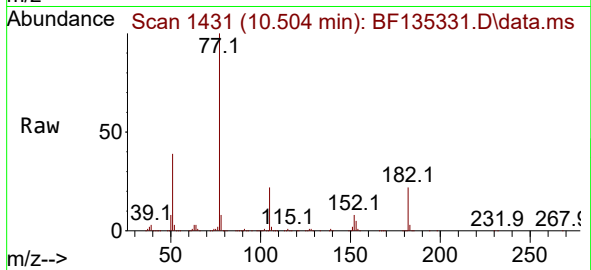
#63
Azobenzene
Concen: 49.884 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :
BNA_F
ClientSampleId :
PB155592BS

Tgt Ion: 77 Resp: 864919
Ion Ratio Lower Upper
77 100
182 22.1 6.4 46.4
105 22.2 3.1 43.1
51 38.8 16.1 56.1

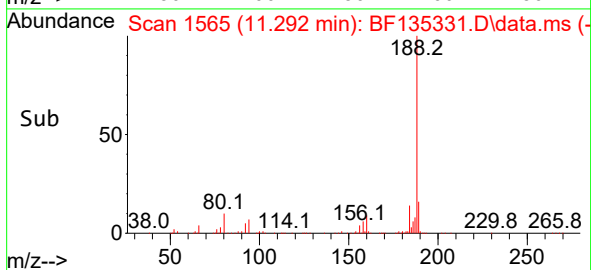
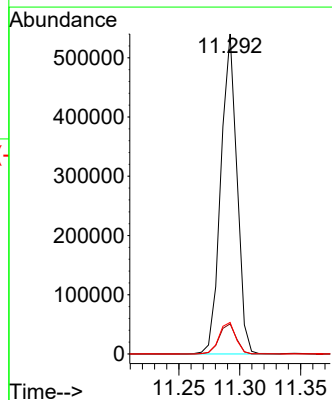
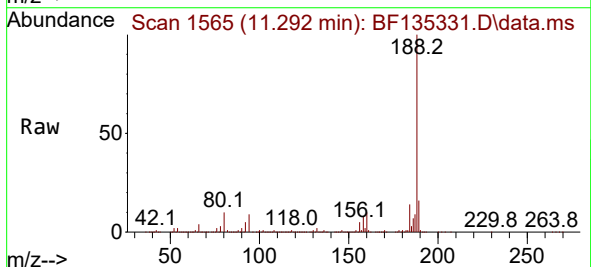
Manual Integrations
APPROVED

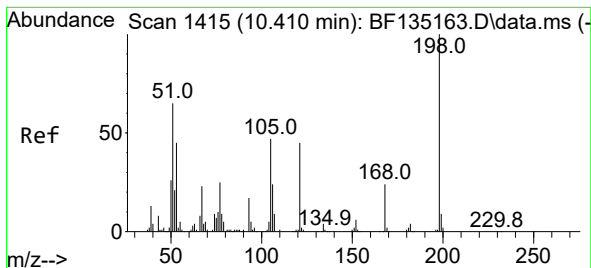
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion:188 Resp: 498029
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.8 7.5 11.3





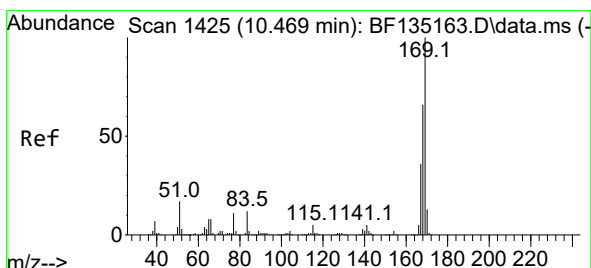
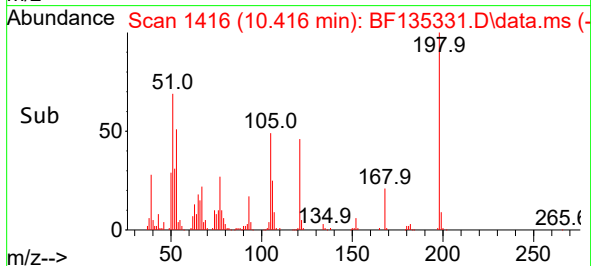
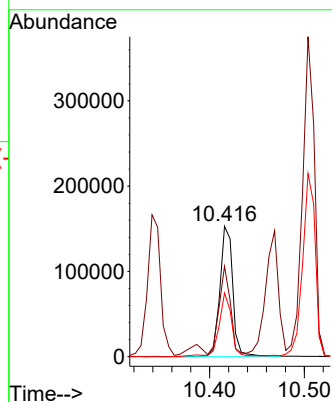
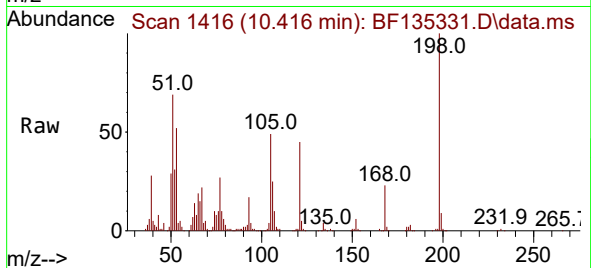
#65
4,6-Dinitro-2-methylphenol
Concen: 54.618 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :
BNA_F
ClientSampleId :
PB155592BS

Tgt Ion:198 Resp: 144470
Ion Ratio Lower Upper
198 100
51 69.4 47.7 87.7
105 48.8 27.4 67.4

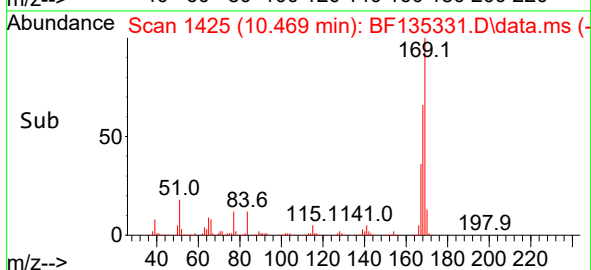
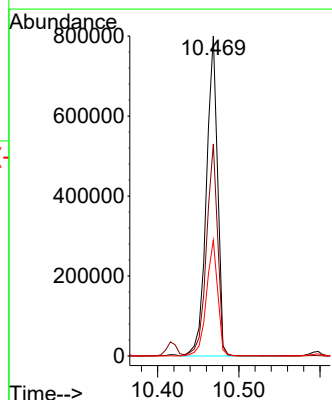
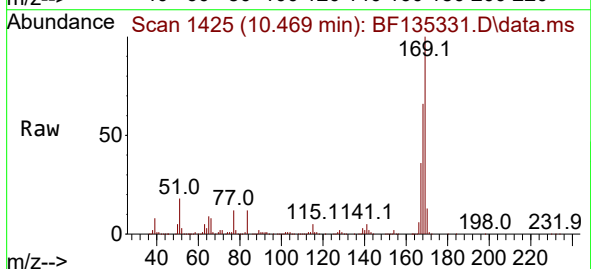
Manual Integrations
APPROVED

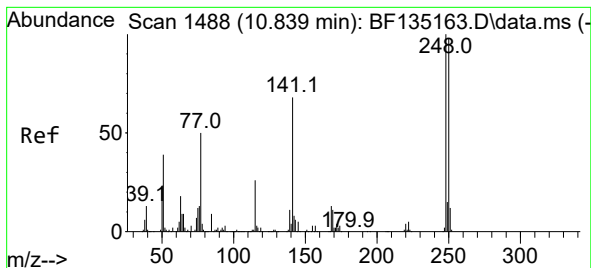
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#66
n-Nitrosodiphenylamine
Concen: 50.583 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion:169 Resp: 762679
Ion Ratio Lower Upper
169 100
168 66.3 52.8 79.2
167 36.2 29.0 43.6





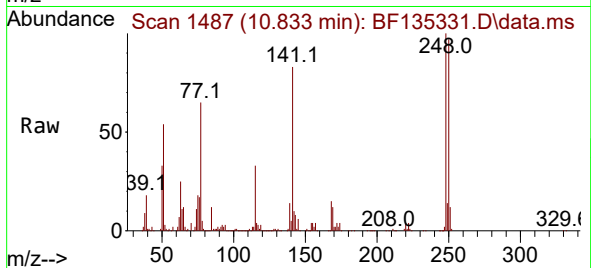
#67
4-Bromophenyl-phenylether
Concen: 49.392 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

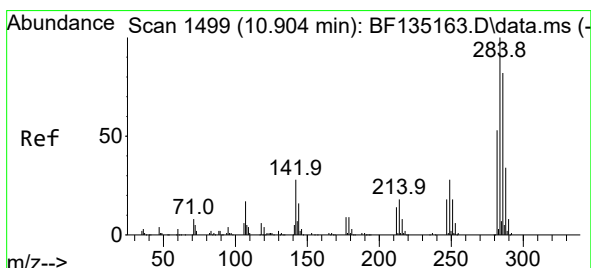
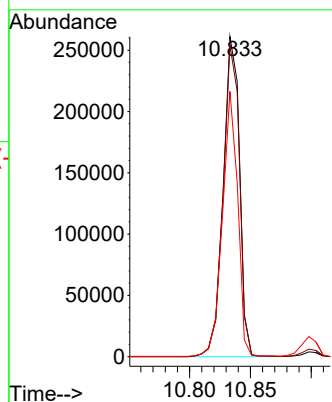
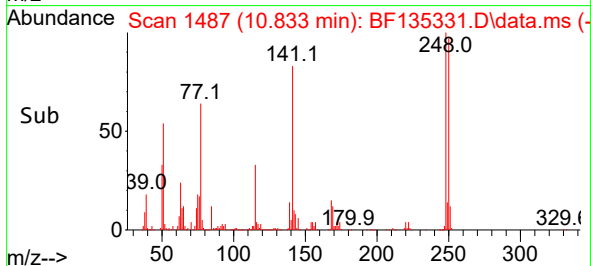


Tgt Ion:248 Resp: 244654
Ion Ratio Lower Upper
248 100
250 97.3 78.6 117.8
141 82.9 54.2 81.2

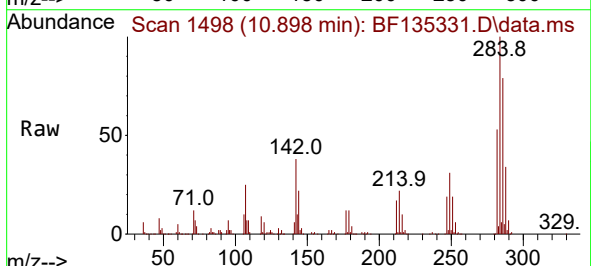
Manual Integrations

APPROVED

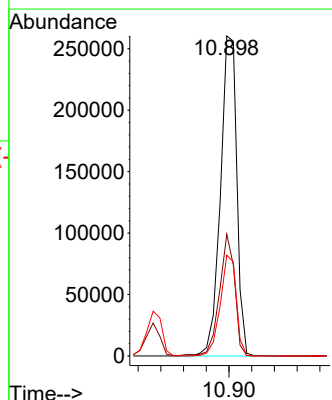
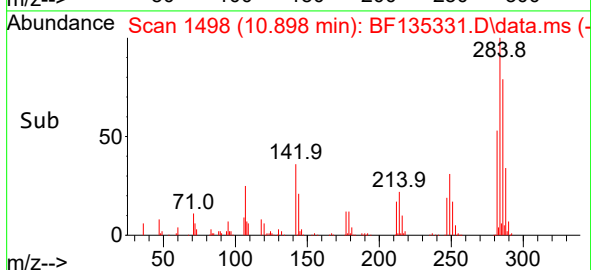
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

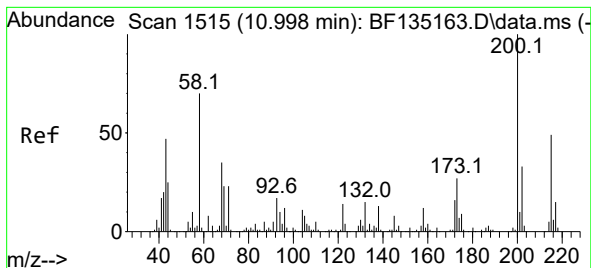


#68
Hexachlorobenzene
Concen: 51.800 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11



Tgt Ion:284 Resp: 261396
Ion Ratio Lower Upper
284 100
142 38.1 22.2 33.4#
249 31.5 22.5 33.7





#69

Atrazine

Concen: 58.807 ng

RT: 11.004 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

Tgt Ion:200 Resp: 238578

Ion Ratio Lower Upper

200 100

173 26.3 7.4 47.4

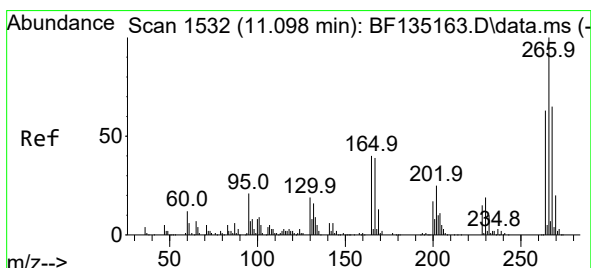
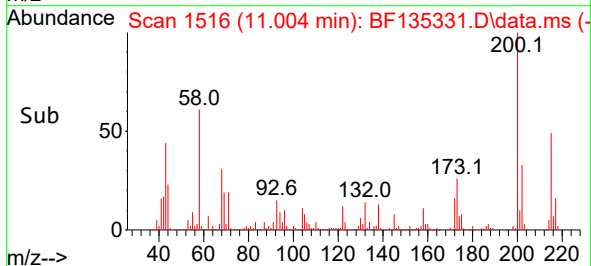
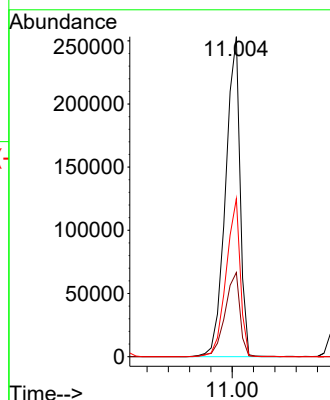
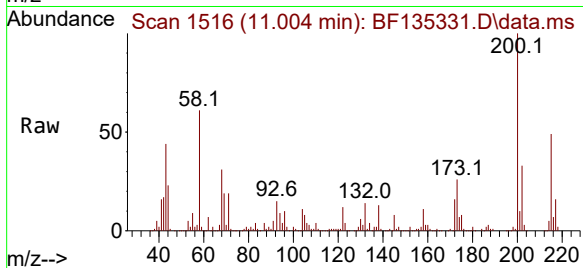
215 49.3 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#70

Pentachlorophenol

Concen: 78.575 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

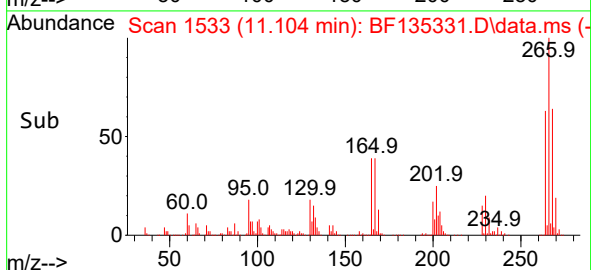
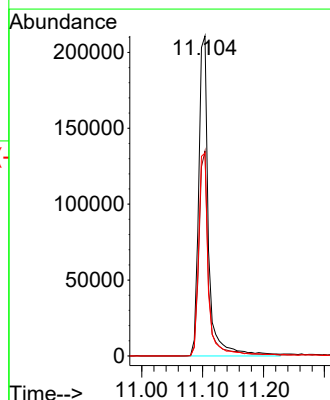
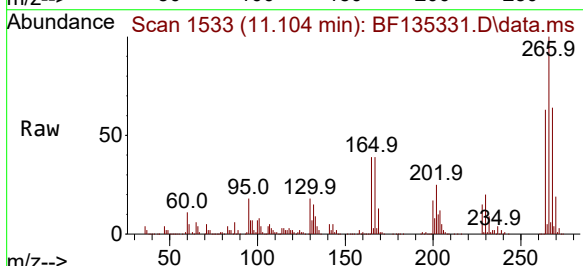
Tgt Ion:266 Resp: 237229

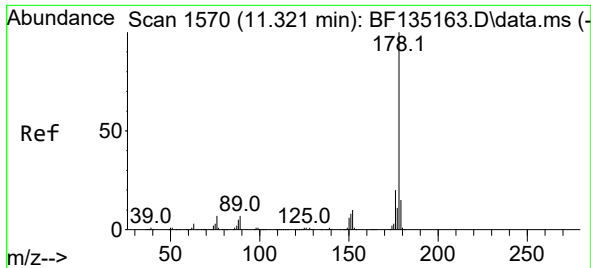
Ion Ratio Lower Upper

266 100

268 64.0 52.1 78.1

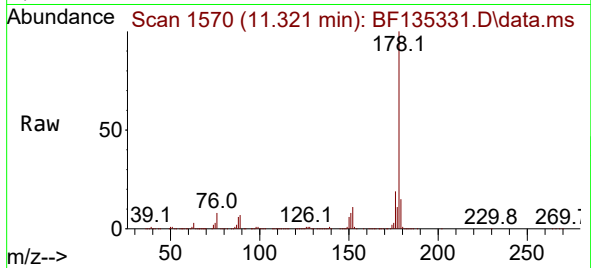
264 63.4 50.8 76.2





#71
Phenanthrene
Concen: 50.378 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

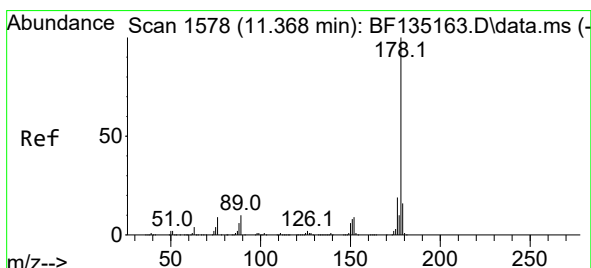
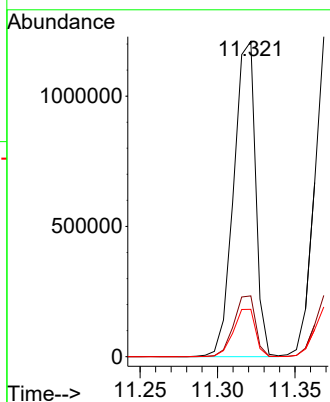
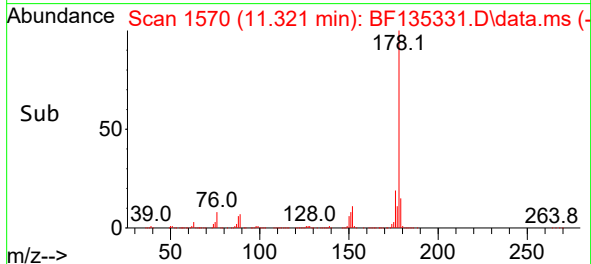
Instrument :
BNA_F
ClientSampleId :
PB155592BS



Tgt Ion:178 Resp: 1186640
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.0 12.0 18.0

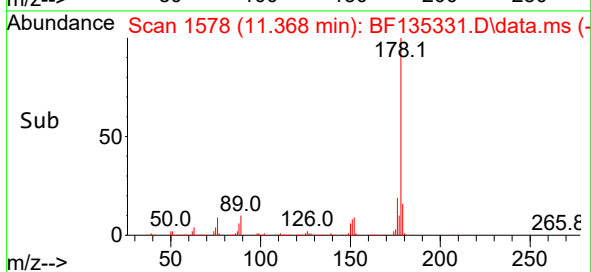
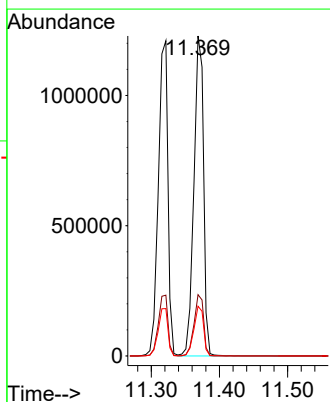
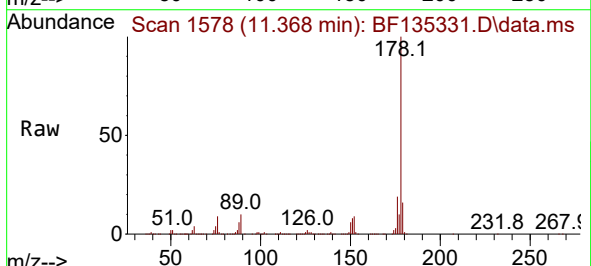
Manual Integrations
APPROVED

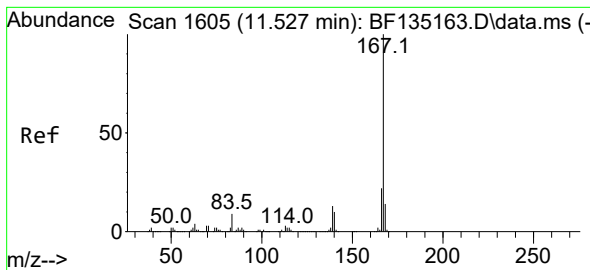
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#72
Anthracene
Concen: 49.748 ng
RT: 11.368 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion:178 Resp: 1204469
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.5 12.6 19.0





#73

Carbazole

Concen: 50.611 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

Tgt Ion:167 Resp: 111547

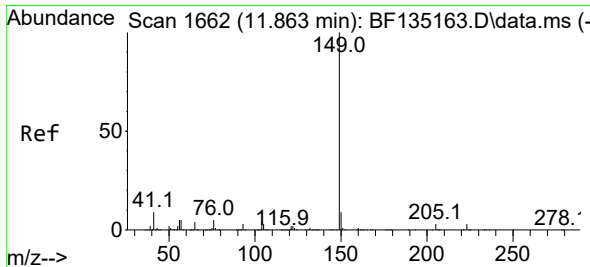
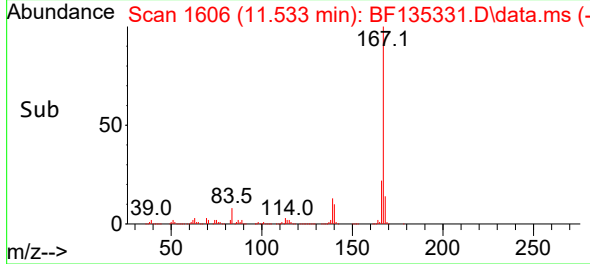
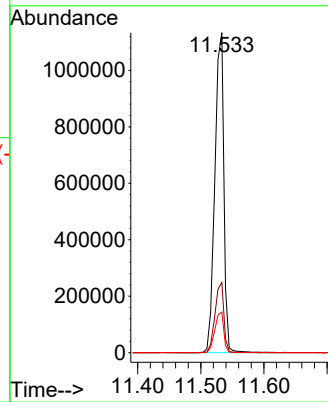
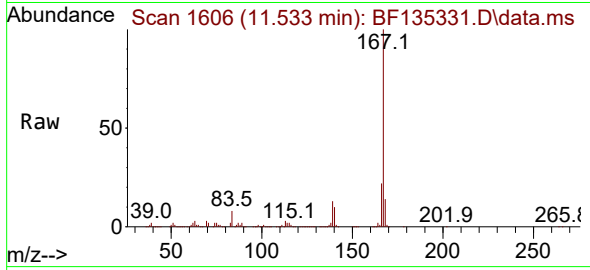
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	12.7	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#74

Di-n-butylphthalate

Concen: 51.996 ng

RT: 11.863 min Scan# 1662

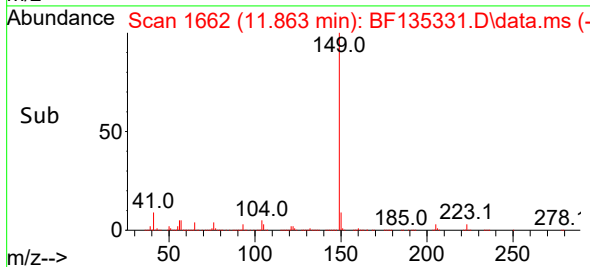
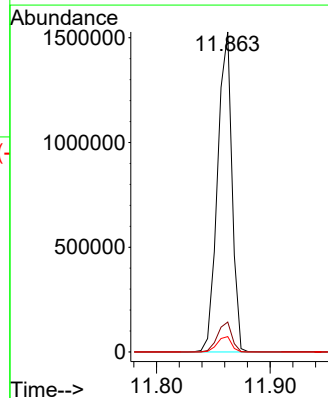
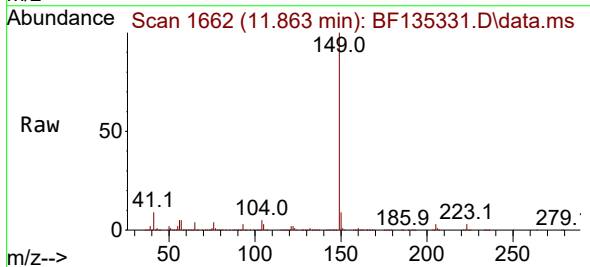
Delta R.T. 0.000 min

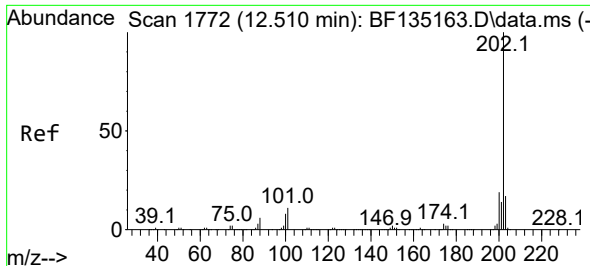
Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Tgt Ion:149 Resp: 1350386

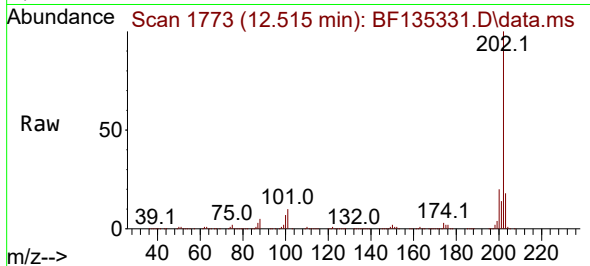
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.8	3.6	5.4





#75
Fluoranthene
Concen: 49.561 ng
RT: 12.515 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

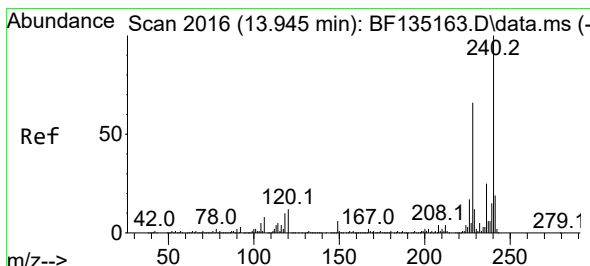
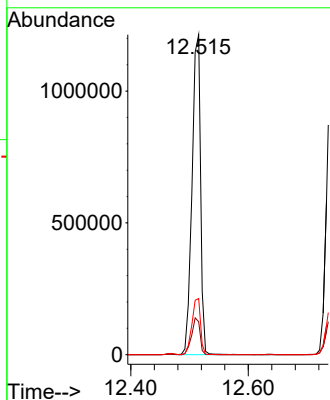
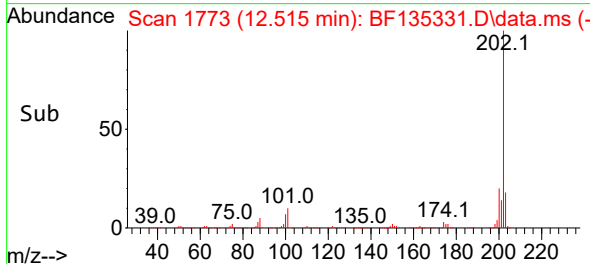
Instrument :
BNA_F
ClientSampleId :
PB155592BS



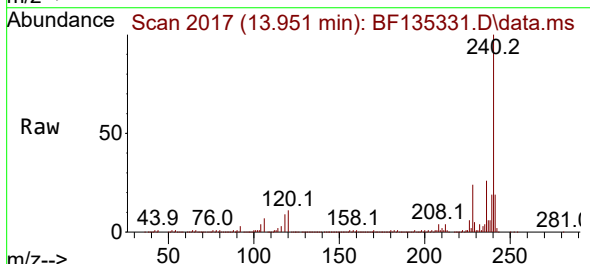
Tgt Ion:202 Resp: 121642
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.3
203 17.6 0.0 37.4

Manual Integrations
APPROVED

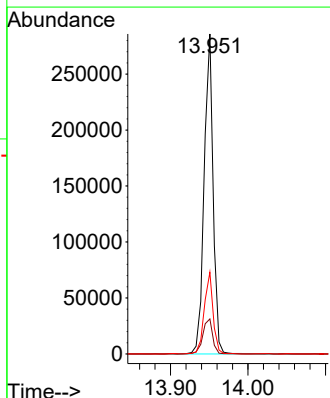
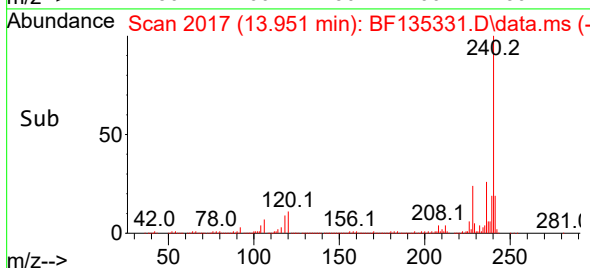
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

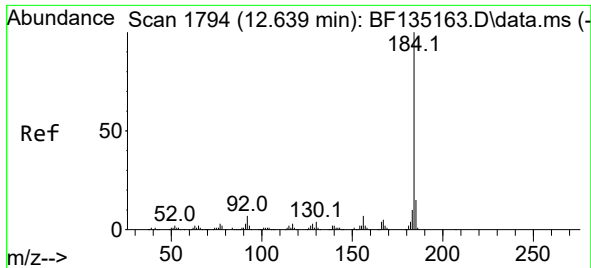


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11



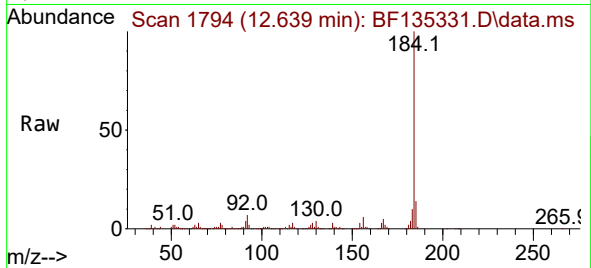
Tgt Ion:240 Resp: 229919
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.5 19.8 29.8





#77
Benzidine
Concen: 61.126 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

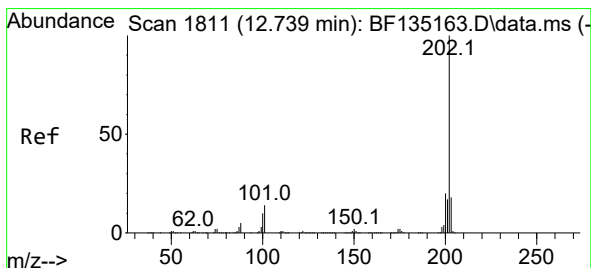
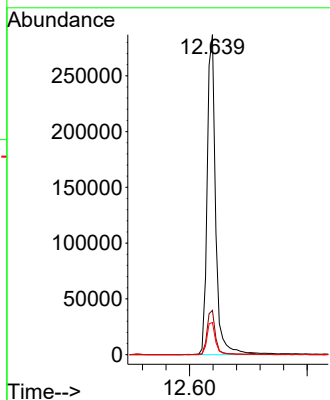
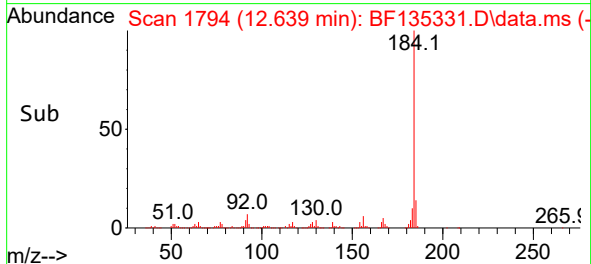
Instrument :
BNA_F
ClientSampleId :
PB155592BS



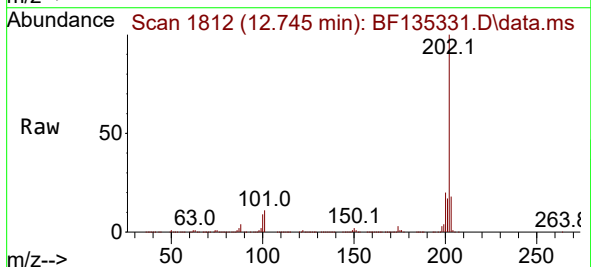
Tgt Ion:184 Resp: 287924
Ion Ratio Lower Upper
184 100
185 13.8 11.7 17.5
183 10.1 8.2 12.4

Manual Integrations
APPROVED

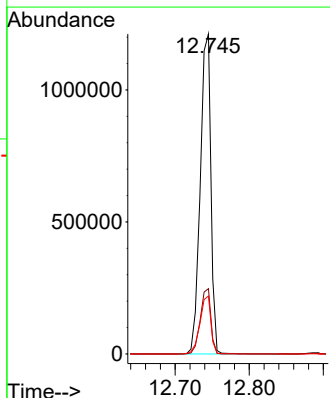
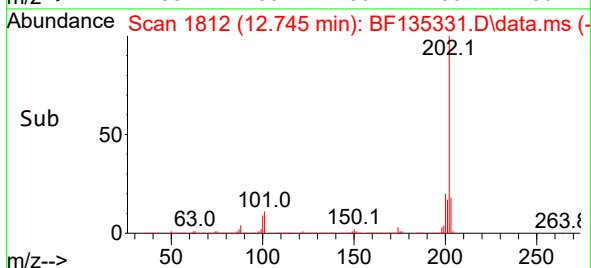
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

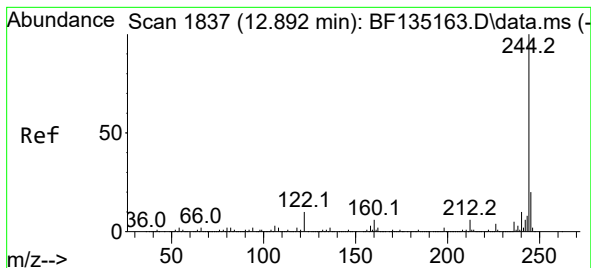


#78
Pyrene
Concen: 55.439 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11



Tgt Ion:202 Resp: 1213563
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 100.126 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135331.D

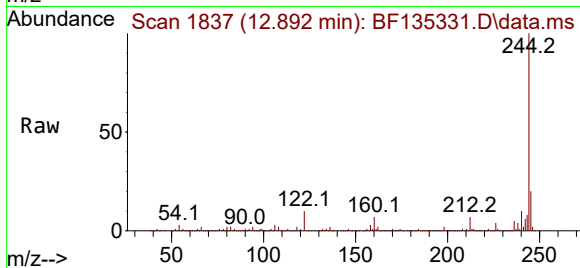
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS



Tgt Ion:244 Resp: 1485040

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

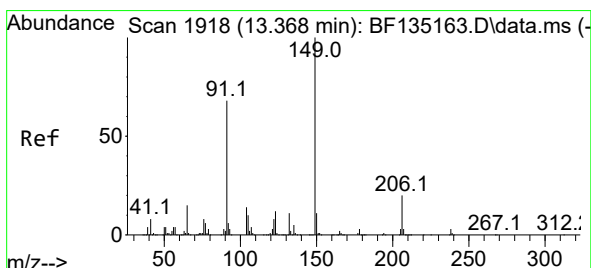
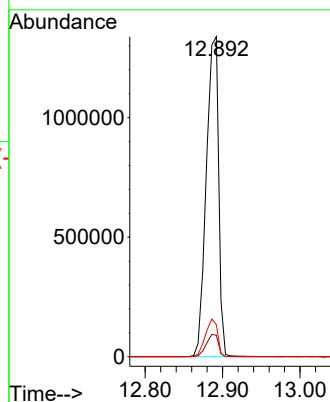
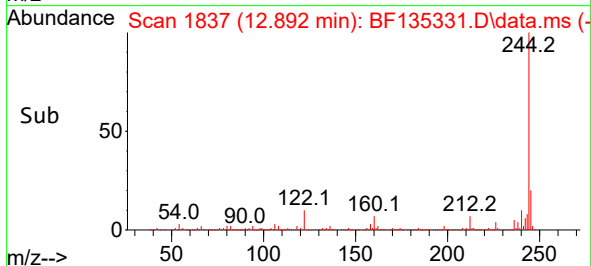
122 10.0 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#80

Butylbenzylphthalate

Concen: 60.400 ng

RT: 13.368 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

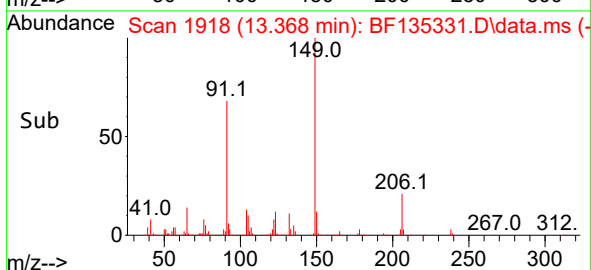
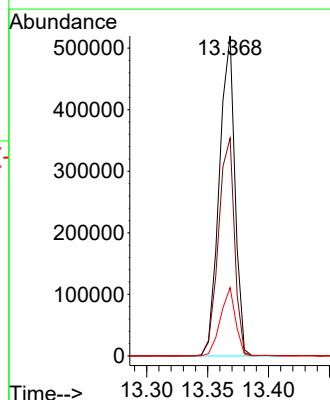
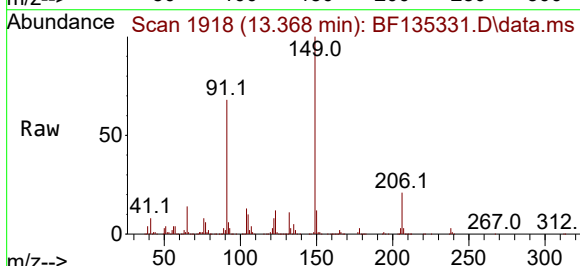
Tgt Ion:149 Resp: 465511

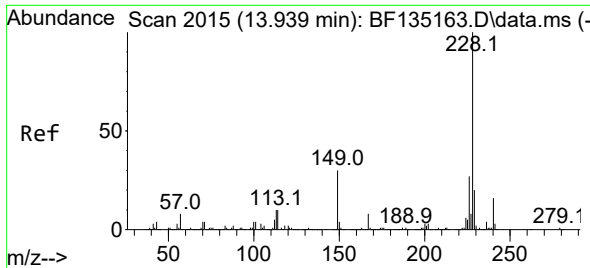
Ion Ratio Lower Upper

149 100

91 68.0 54.7 82.1

206 21.4 16.3 24.5





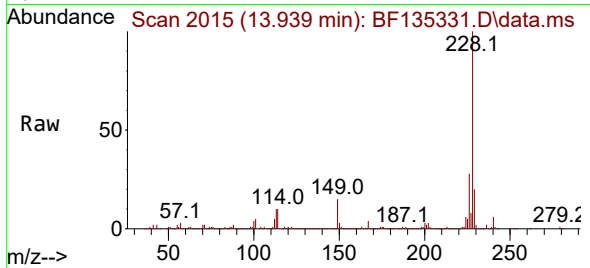
#81
Benzo(a)anthracene
Concen: 50.298 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

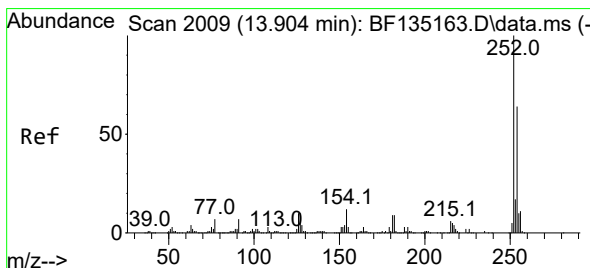
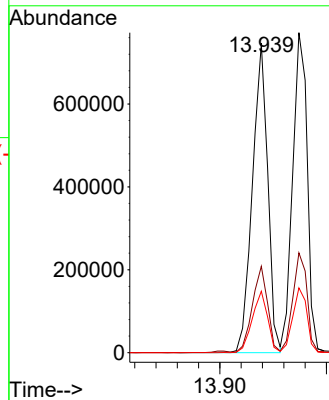
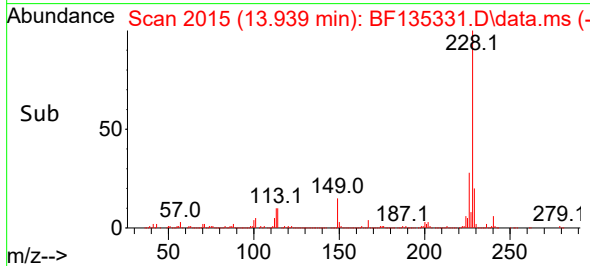


Tgt Ion:228 Resp: 746744
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 19.9 15.8 23.8

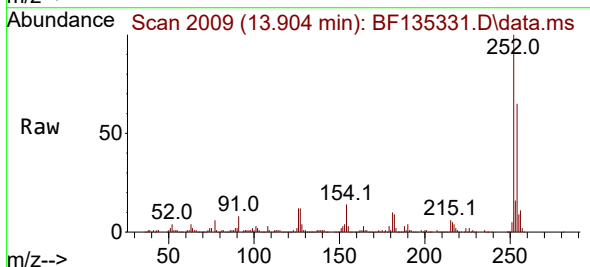
Manual Integrations

APPROVED

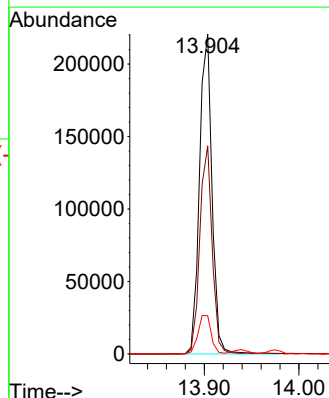
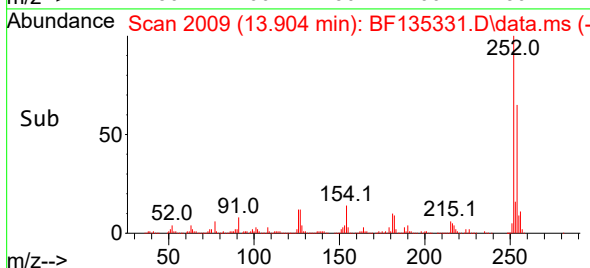
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

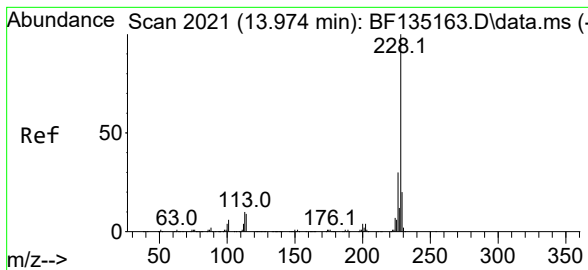


#82
3,3'-Dichlorobenzidine
Concen: 43.833 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11



Tgt Ion:252 Resp: 203267
Ion Ratio Lower Upper
252 100
254 65.1 51.0 76.4
126 11.9 7.8 11.8#





#83

Chrysene

Concen: 49.959 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

Tgt Ion:228 Resp: 737430

Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

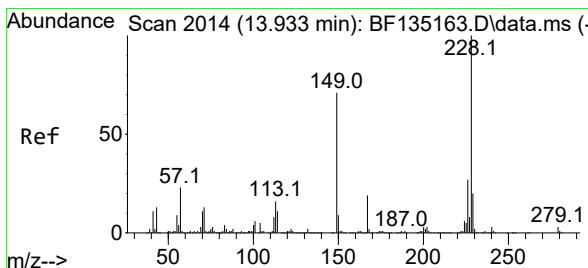
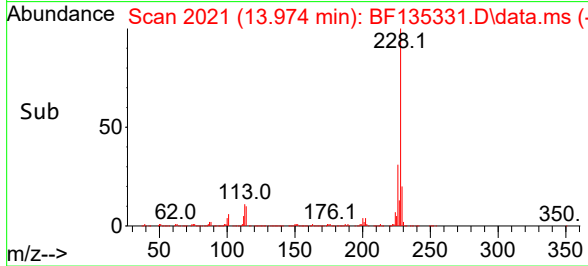
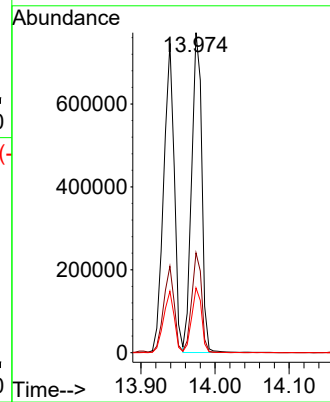
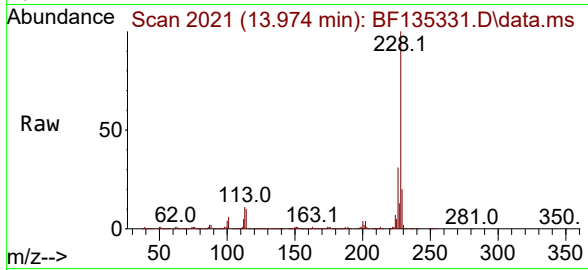
229 20.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.117 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

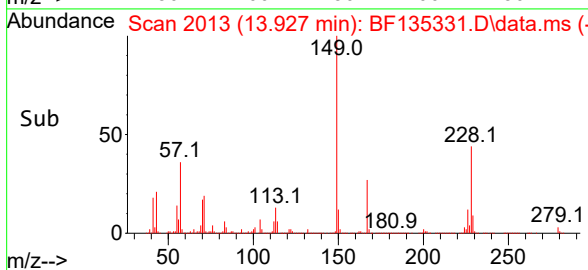
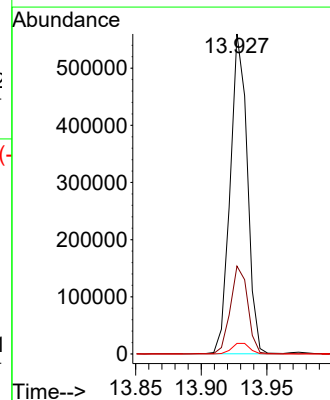
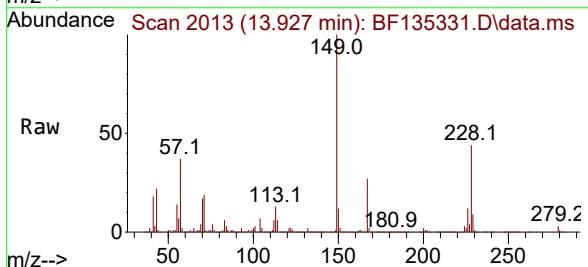
Tgt Ion:149 Resp: 507093

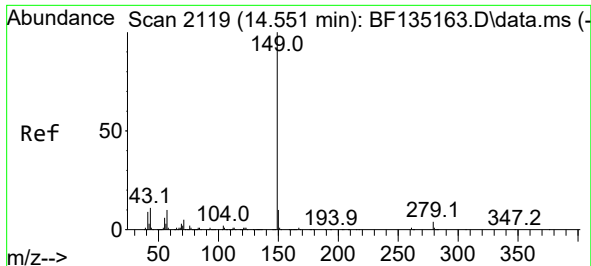
Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

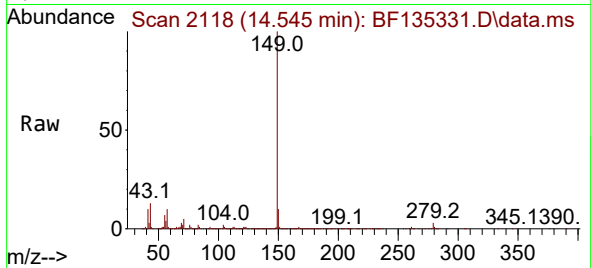
279 3.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 61.098 ng
RT: 14.545 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

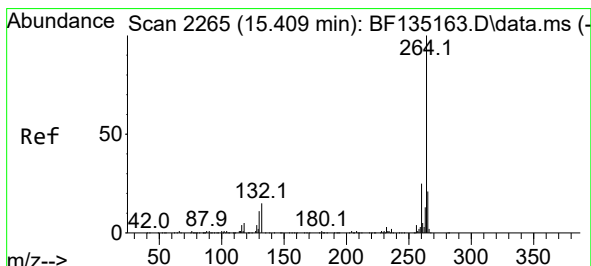
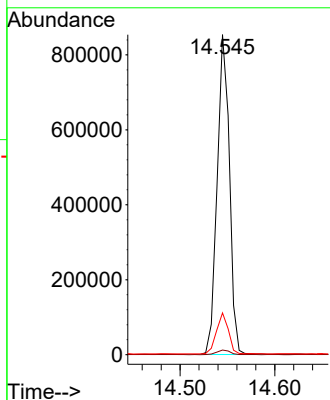
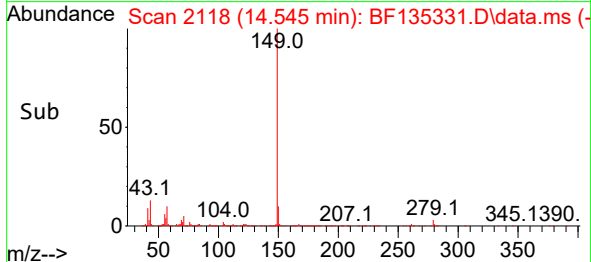
Instrument :
BNA_F
ClientSampleId :
PB155592BS



Tgt Ion:149 Resp: 767915
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.5 9.8 14.6

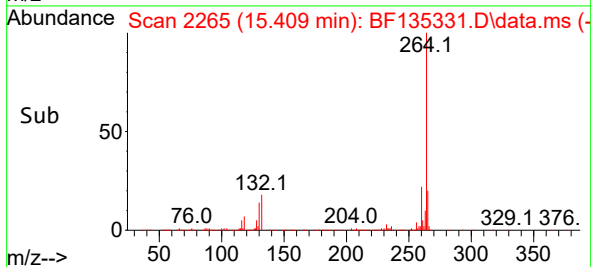
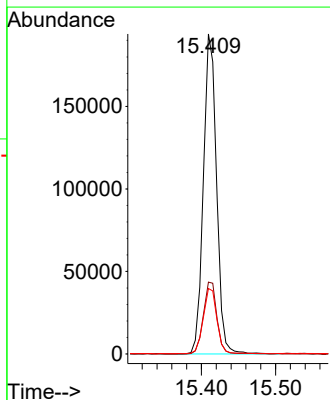
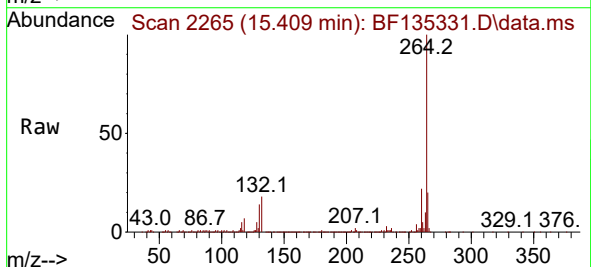
Manual Integrations
APPROVED

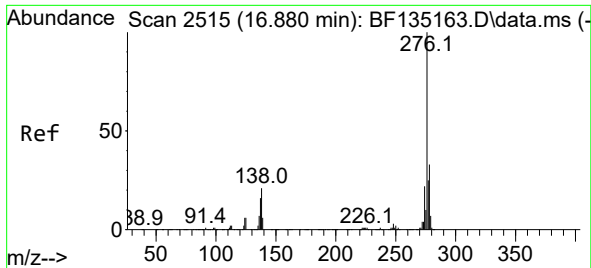
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion:264 Resp: 238915
Ion Ratio Lower Upper
264 100
260 22.5 19.8 29.6
265 20.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.541 ng
RT: 16.903 min Scan# 2515
Delta R.T. 0.024 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

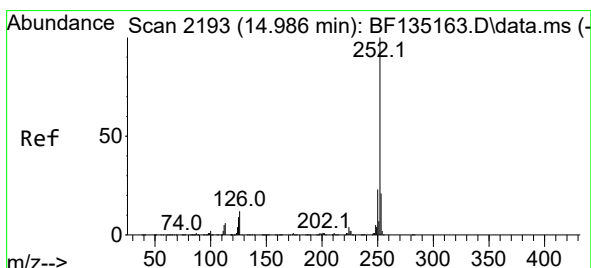
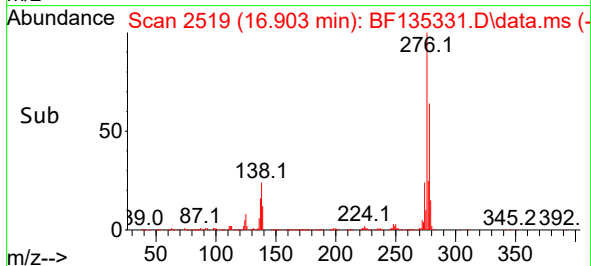
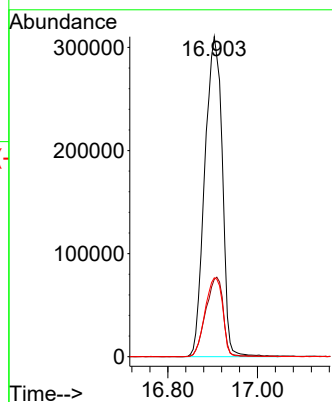
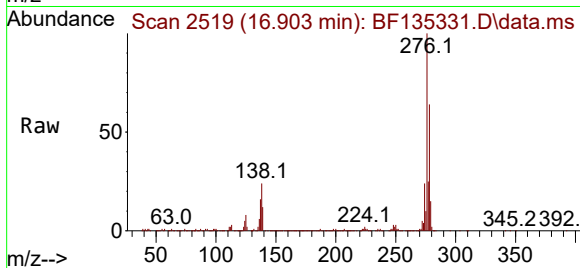
ClientSampleId :

PB155592BS

Tgt Ion:276 Resp: 83871
Ion Ratio Lower Upper
276 100
138 24.6 19.2 28.8
277 24.9 19.7 29.5

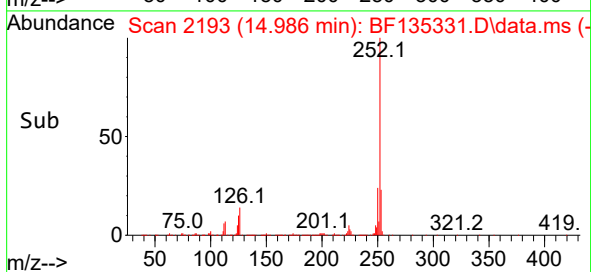
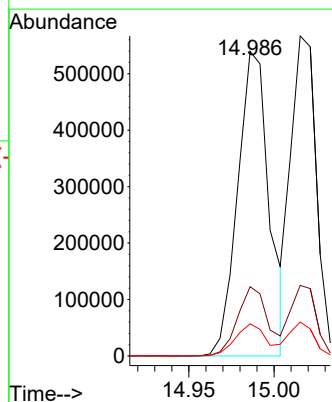
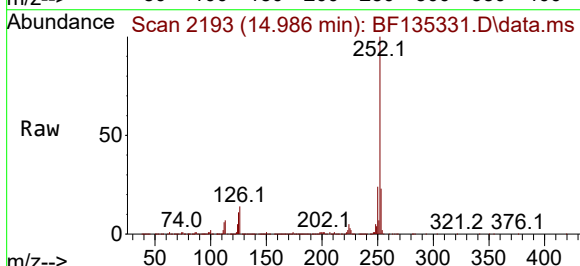
Manual Integrations
APPROVED

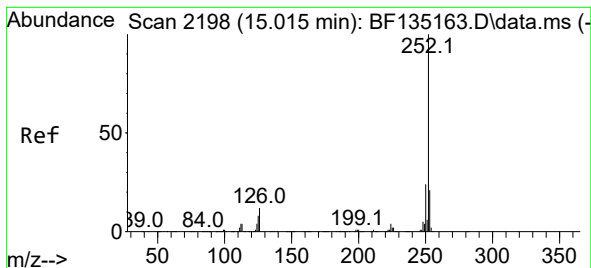
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#88
Benzo(b)fluoranthene
Concen: 53.607 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135331.D
Acq: 19 Sep 2023 13:11

Tgt Ion:252 Resp: 693320
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 10.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.720 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135331.D

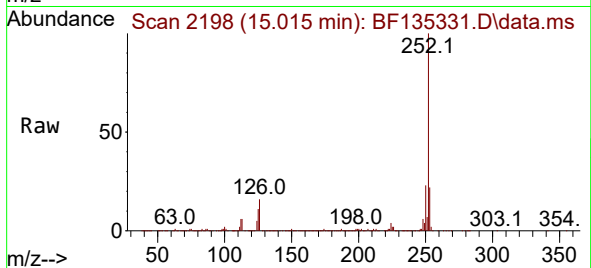
Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS



Tgt Ion:252 Resp: 59688

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

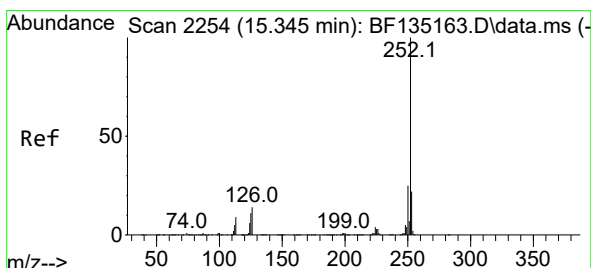
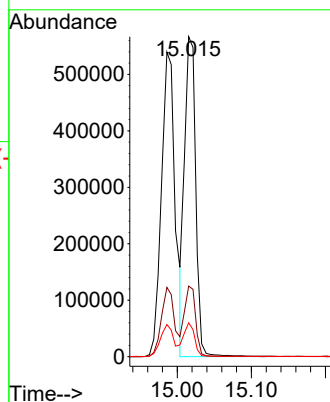
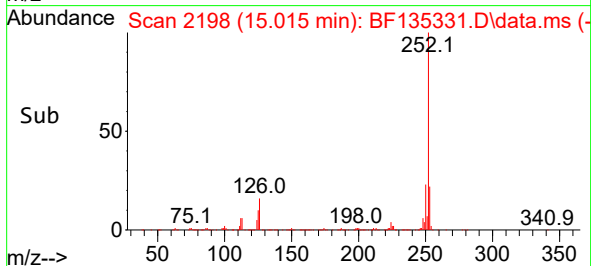
125 10.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#90

Benzo(a)pyrene

Concen: 49.582 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

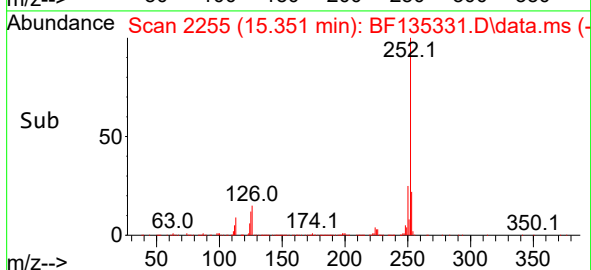
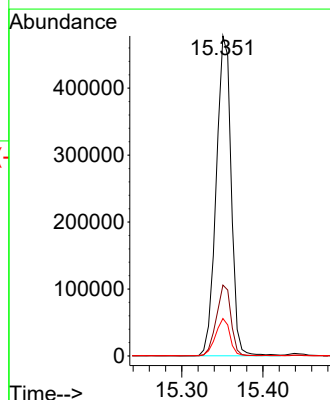
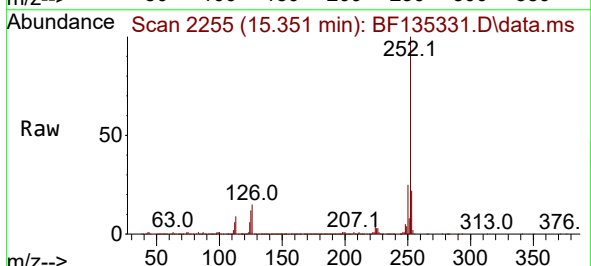
Tgt Ion:252 Resp: 611528

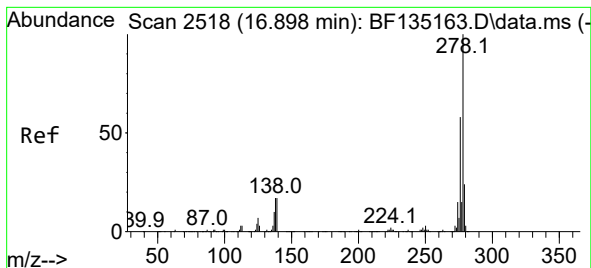
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.7 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 51.651 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.018 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB155592BS

Tgt Ion:278 Resp: 662019

Ion Ratio Lower Upper

278 100

139 16.4 13.4 20.0

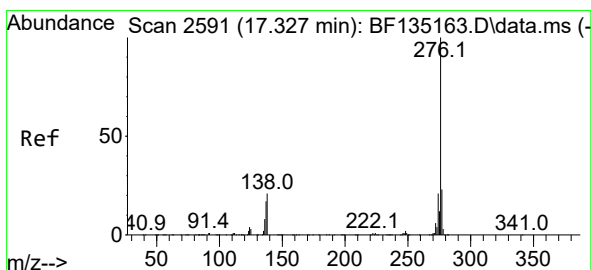
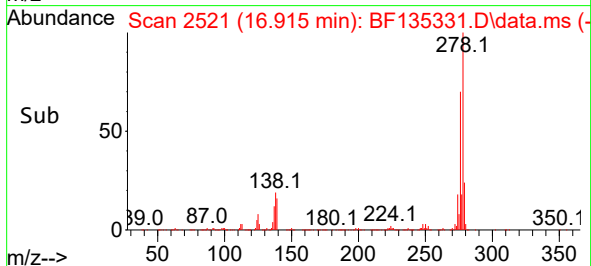
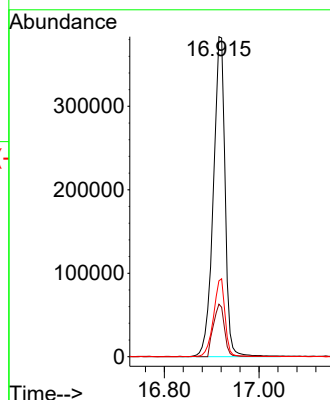
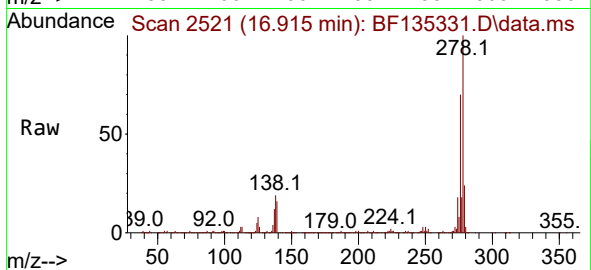
279 23.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#92

Benzo(g,h,i)perylene

Concen: 51.521 ng

RT: 17.350 min Scan# 2595

Delta R.T. 0.024 min

Lab File: BF135331.D

Acq: 19 Sep 2023 13:11

Tgt Ion:276 Resp: 689661

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 22.3 16.9 25.3

