

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135334.D
 Acq On : 19 Sep 2023 14:43
 Operator : CG\JU
 Sample : PB155524BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155524BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 01:34:05 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	134775	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	525059	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	271763	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	524996	20.000	ng	0.00
76) Chrysene-d12	13.945	240	257250	20.000	ng	0.00
86) Perylene-d12	15.409	264	238339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1035377	124.948	ng	0.02
7) Phenol-d6	6.410	99	1304226	123.779	ng	0.00
23) Nitrobenzene-d5	7.328	82	862738	89.270	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	324093	120.005	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1467762	81.484	ng	0.00
79) Terphenyl-d14	12.886	244	1525599	91.933	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	141255	38.885	ng	99
3) Pyridine	3.316	79	369603	37.804	ng	96
4) n-Nitrosodimethylamine	3.281	42	251864	48.546	ng	96
6) Aniline	6.428	93	392472	28.405	ng	# 61
8) 2-Chlorophenol	6.545	128	417293	47.174	ng	99
9) Benzaldehyde	6.316	77	151118	25.176	ng	97
10) Phenol	6.422	94	465908	40.325	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	394742	45.547	ng	99
12) 1,3-Dichlorobenzene	6.698	146	405426	45.098	ng	99
13) 1,4-Dichlorobenzene	6.775	146	409714	44.795	ng	98
14) 1,2-Dichlorobenzene	6.928	146	392976	46.266	ng	98
15) Benzyl Alcohol	6.910	79	348993	46.157	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.039	45	762708	46.689	ng	97
17) 2-Methylphenol	7.022	107	339069	43.436	ng	97
18) Hexachloroethane	7.263	117	159491	47.194	ng	94
19) n-Nitroso-di-n-propyla...	7.181	70	266827	40.884	ng	94
20) 3+4-Methylphenols	7.175	107	382678	40.769	ng	94
22) Acetophenone	7.169	105	537236	44.754	ng	# 97
24) Nitrobenzene	7.345	77	429510	44.964	ng	99
25) Isophorone	7.586	82	809929	45.639	ng	99
26) 2-Nitrophenol	7.657	139	224110	48.884	ng	98
27) 2,4-Dimethylphenol	7.704	122	371167	48.165	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	496383	46.733	ng	99
29) 2,4-Dichlorophenol	7.904	162	334812	46.889	ng	98
30) 1,2,4-Trichlorobenzene	7.980	180	344655	46.179	ng	98
31) Naphthalene	8.063	128	1147165	44.967	ng	100
32) Benzoic acid	7.851	122	278781	48.043	ng	97
33) 4-Chloroaniline	8.116	127	237652	21.233	ng	98
34) Hexachlorobutadiene	8.175	225	201821	44.845	ng	99
35) Caprolactam	8.492	113	123528m	51.545	ng	
36) 4-Chloro-3-methylphenol	8.610	107	374149	47.145	ng	98
37) 2-Methylnaphthalene	8.751	142	746258	43.518	ng	98
38) 1-Methylnaphthalene	8.851	142	688973	42.913	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	347512	44.139	ng	99
41) Hexachlorocyclopentadiene	8.904	237	259566	75.299	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	234936	45.575	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	254813	42.923	ng	97
46) 1,1'-Biphenyl	9.222	154	919785	44.041	ng	99
47) 2-Chloronaphthalene	9.245	162	696942	45.994	ng	97
48) 2-Nitroaniline	9.351	65	275735	46.839	ng	98
49) Acenaphthylene	9.663	152	1086223	43.133	ng	99
50) Dimethylphthalate	9.527	163	844261	45.949	ng	100
51) 2,6-Dinitrotoluene	9.592	165	187800	46.657	ng	99
52) Acenaphthene	9.833	154	658102	44.237	ng	98
53) 3-Nitroaniline	9.763	138	148657	31.463	ng	96
54) 2,4-Dinitrophenol	9.880	184	202331	87.879	ng	98
55) Dibenzofuran	10.010	168	952623	41.962	ng	99
56) 4-Nitrophenol	9.945	139	260891	86.881	ng	98
57) 2,4-Dinitrotoluene	10.004	165	217548	43.172	ng	# 85
58) Fluorene	10.351	166	749315	42.935	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	216013	47.303	ng	98
60) Diethylphthalate	10.233	149	845189	45.835	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	352185	42.009	ng	98
62) 4-Nitroaniline	10.386	138	212961	46.890	ng	98
63) Azobenzene	10.504	77	825911	45.764	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	142571	51.130	ng	99
66) n-Nitrosodiphenylamine	10.469	169	713268	44.876	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	232746	44.575	ng	94
68) Hexachlorobenzene	10.898	284	248246	46.667	ng	# 88
69) Atrazine	11.004	200	241332	56.430	ng	99
70) Pentachlorophenol	11.098	266	243647	76.555	ng	99
71) Phenanthrene	11.316	178	1144975	46.112	ng	99
72) Anthracene	11.368	178	1143994	44.823	ng	99
73) Carbazole	11.527	167	1099113	47.307	ng	100
74) Di-n-butylphthalate	11.857	149	1324015	48.361	ng	99
75) Fluoranthene	12.510	202	1190384	46.009	ng	99
77) Benzidine	12.633	184	315465	59.858	ng	99
78) Pyrene	12.739	202	1211693	49.473	ng	100
80) Butylbenzylphthalate	13.362	149	486026	56.362	ng	92
81) Benzo(a)anthracene	13.939	228	760094	45.758	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	179241	34.545	ng	# 97
83) Chrysene	13.974	228	753488	45.623	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	545414	61.636	ng	98
85) Di-n-octyl phthalate	14.545	149	836055	59.452	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	776483	49.688	ng	98
88) Benzo(b)fluoranthene	14.986	252	640573	49.649	ng	98
89) Benzo(k)fluoranthene	15.015	252	620687	48.700	ng	98
90) Benzo(a)pyrene	15.351	252	573124	46.581	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	633241	49.525	ng	99
92) Benzo(g,h,i)perylene	17.345	276	661101	49.507	ng	98

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

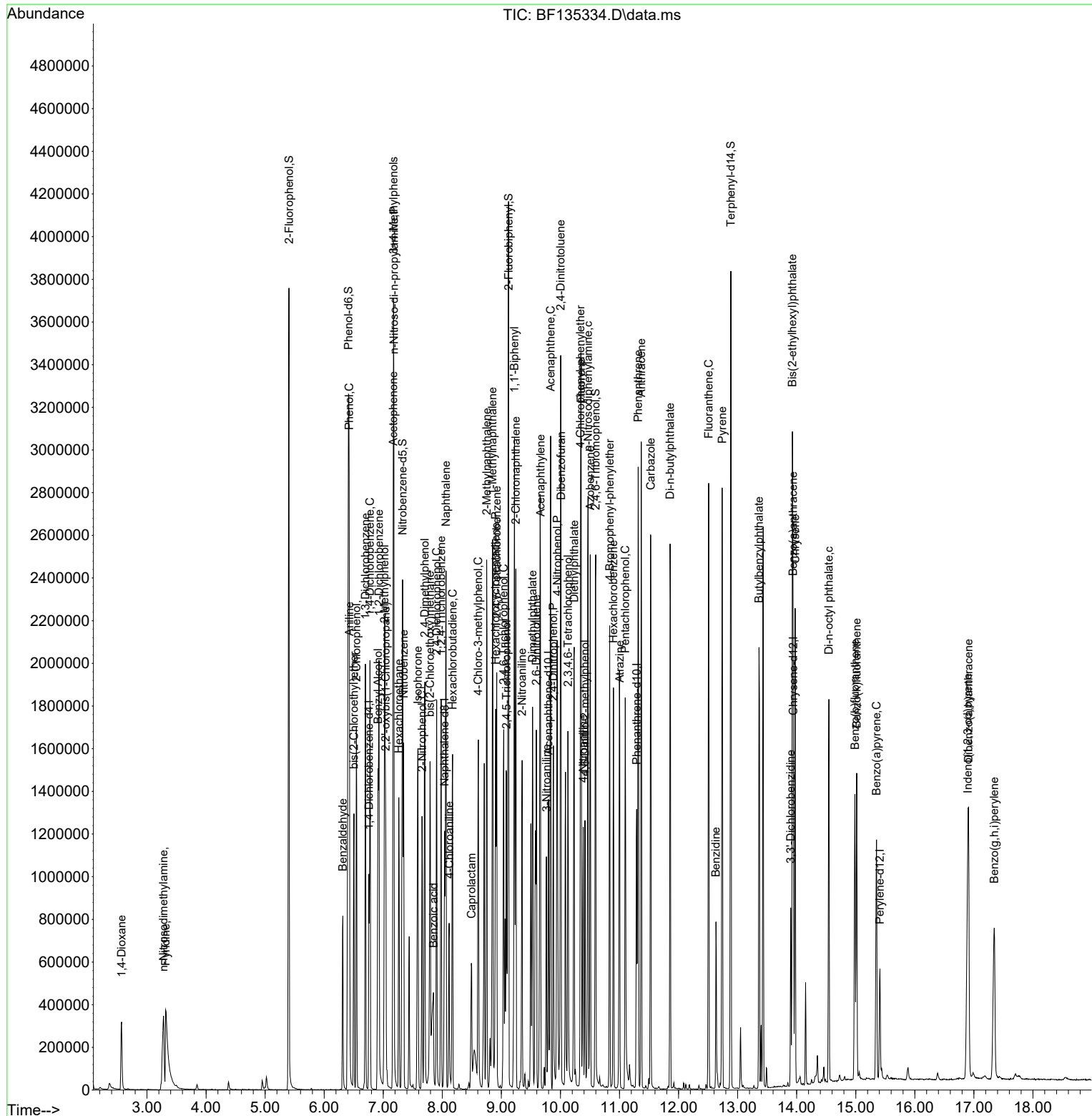
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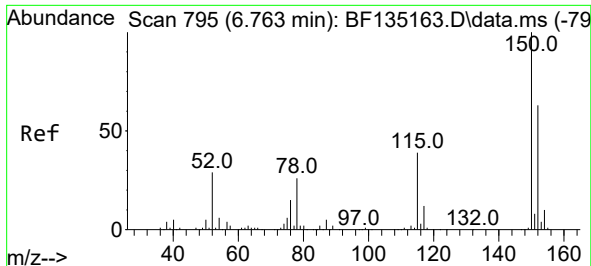
Instrument :
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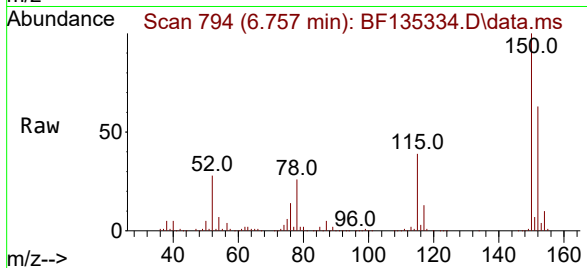
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

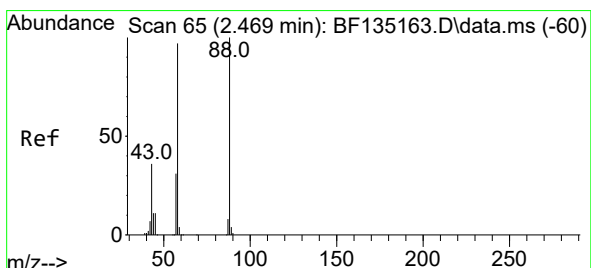
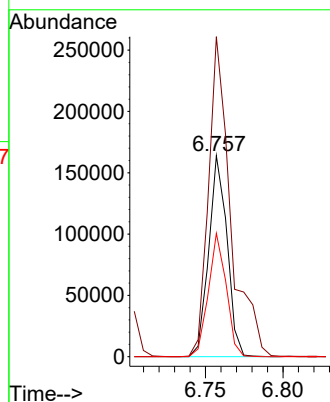
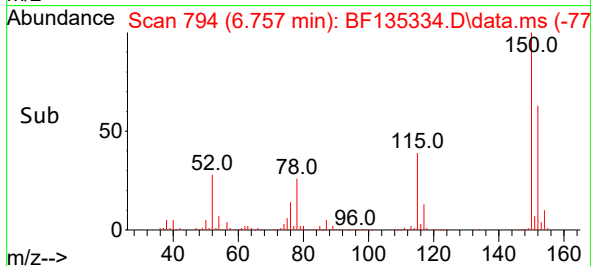
Instrument :
BNA_F
ClientSampleId :
PB155524BS



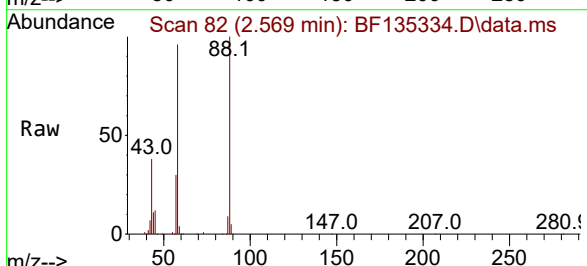
Tgt Ion:152 Resp: 134775
Ion Ratio Lower Upper
152 100
150 159.2 127.8 191.6
115 61.4 49.8 74.8

Manual Integrations
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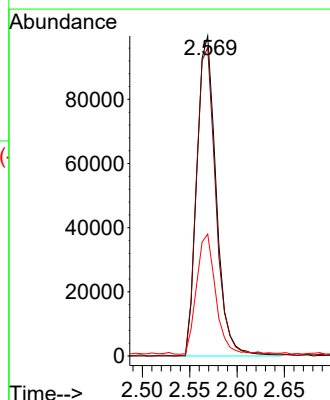
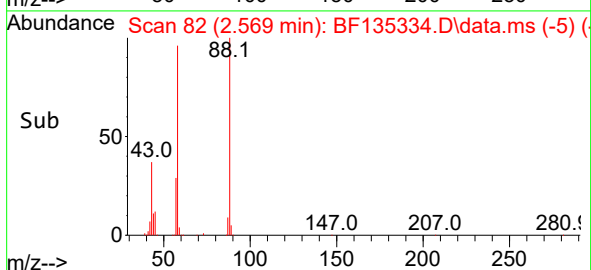
Reviewed By :Yogesh Patel 09/20/2023
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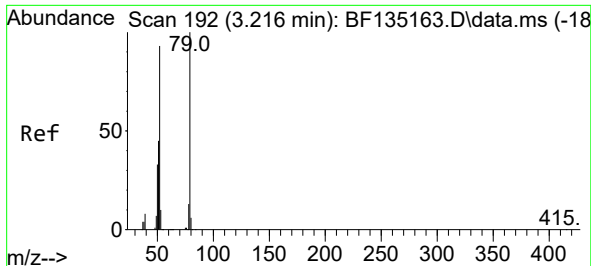


#2
1,4-Dioxane
Concen: 38.885 ng
RT: 2.569 min Scan# 82
Delta R.T. 0.100 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43



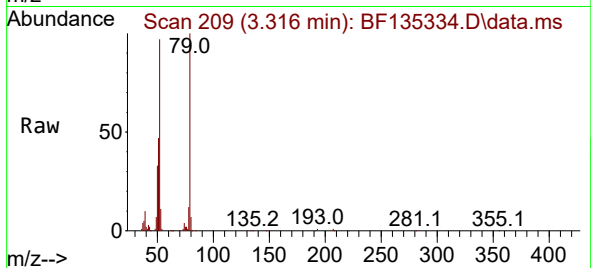
Tgt Ion: 88 Resp: 141255
Ion Ratio Lower Upper
88 100
58 97.6 78.3 117.5
43 37.8 29.4 44.0





#3
Pyridine
Concen: 37.804 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.100 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

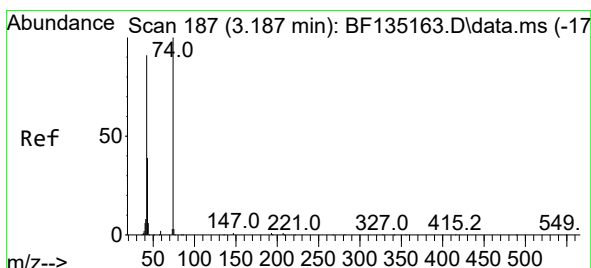
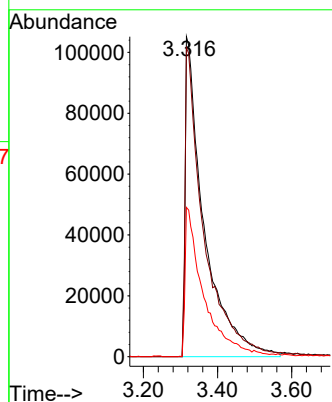
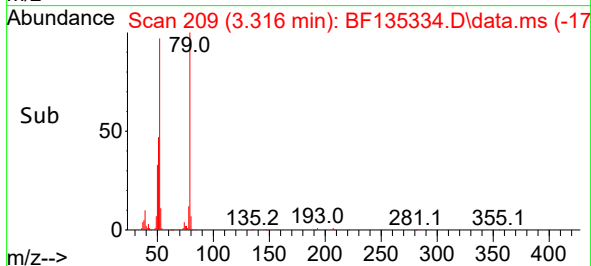
Instrument :
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PB155524BS



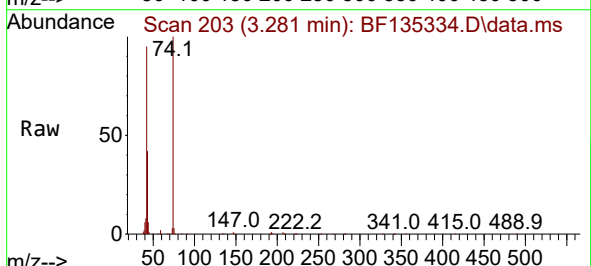
Tgt Ion: 79 Resp: 369600
Ion Ratio Lower Upper
79 100
52 96.6 74.1 111.1
51 46.6 35.8 53.8

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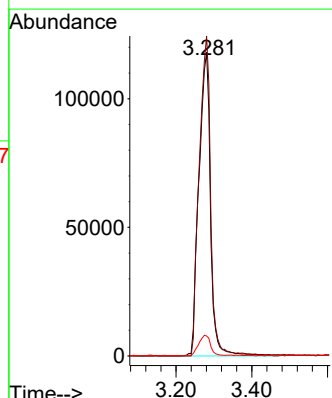
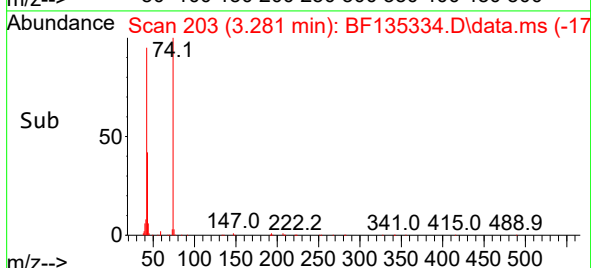
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

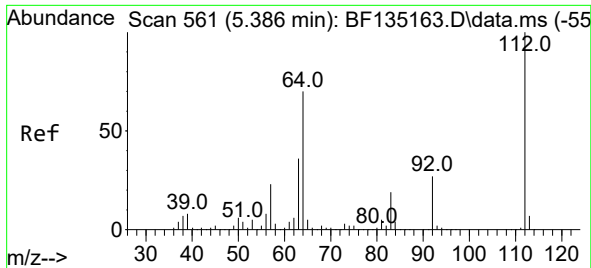


#4
n-Nitrosodimethylamine
Concen: 48.546 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.094 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43



Tgt Ion: 42 Resp: 251864
Ion Ratio Lower Upper
42 100
74 105.3 87.7 131.5
44 6.6 5.6 8.4





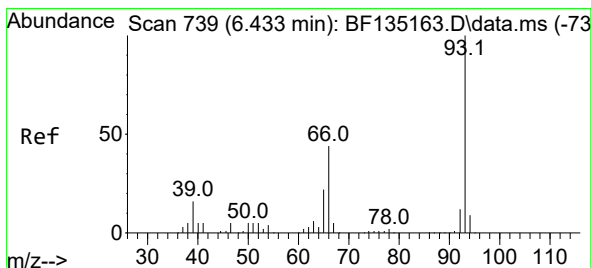
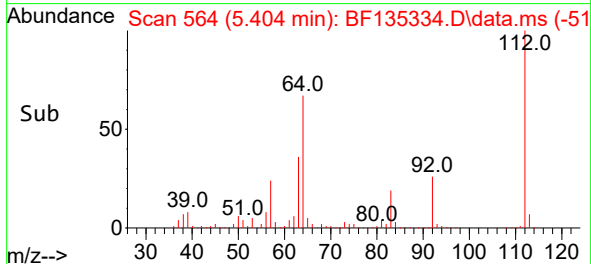
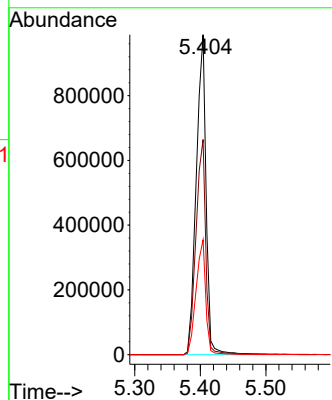
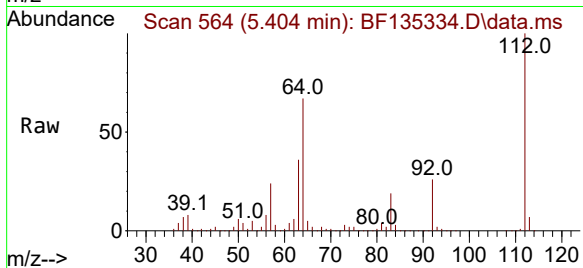
#5
2-Fluorophenol
Concen: 124.948 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :
BNA_F
ClientSampleId :
PB155524BS

Tgt Ion:112 Resp: 103537
Ion Ratio Lower Upper
112 100
64 67.3 55.9 83.9
63 35.9 29.0 43.6

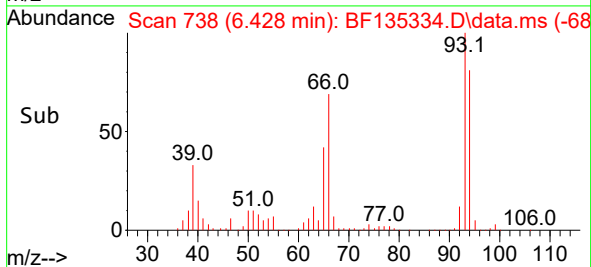
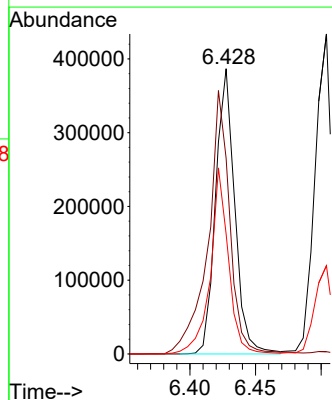
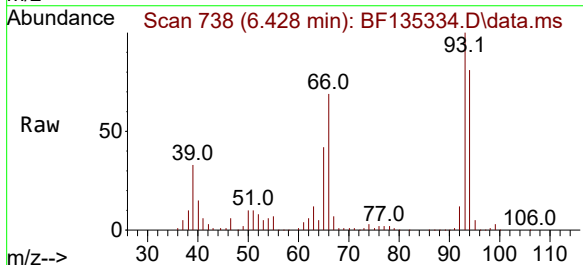
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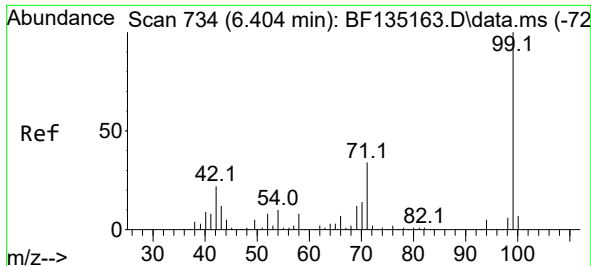
Reviewed By :Yogesh Patel 09/20/2023
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#6
Aniline
Concen: 28.405 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion: 93 Resp: 392472
Ion Ratio Lower Upper
93 100
66 68.6 35.4 53.0#
65 42.0 17.8 26.8#





#7

Phenol-d6

Concen: 123.779 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion: 99 Resp: 1304220

Ion Ratio Lower Upper

99 100

42 24.6 17.9 26.9

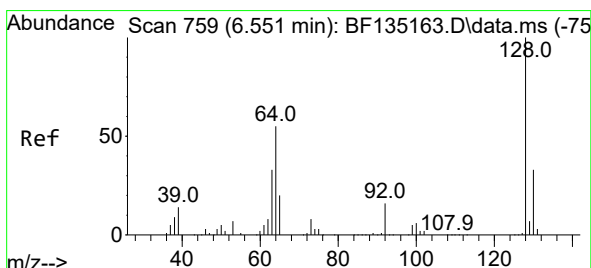
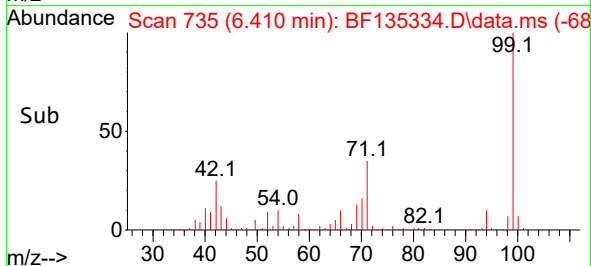
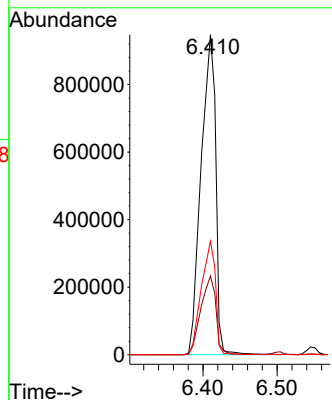
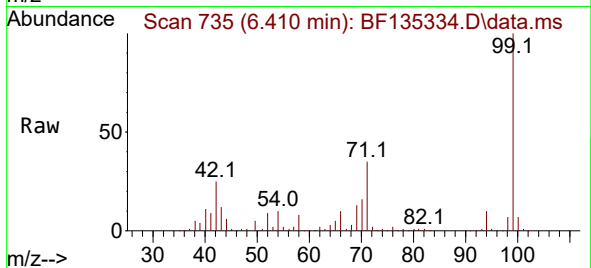
71 35.5 27.0 40.6

Manual Integrations

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#8

2-Chlorophenol

Concen: 47.174 ng

RT: 6.545 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

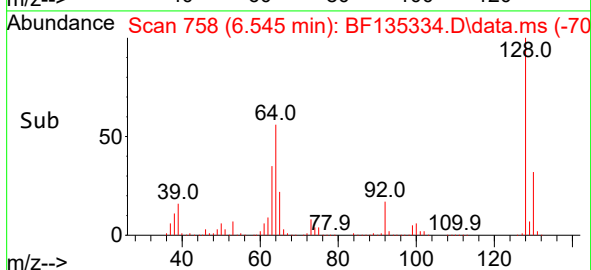
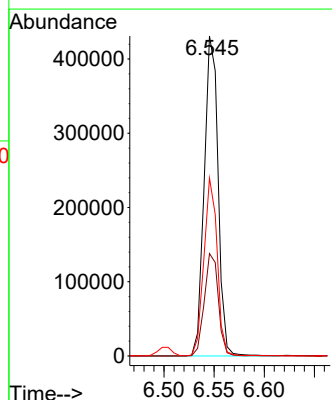
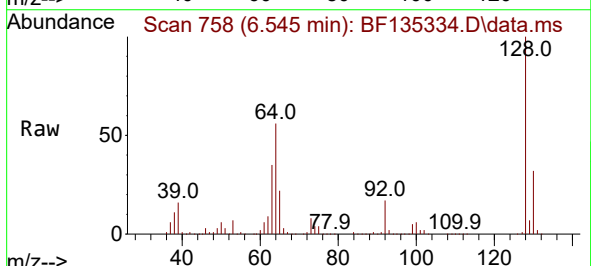
Tgt Ion:128 Resp: 417293

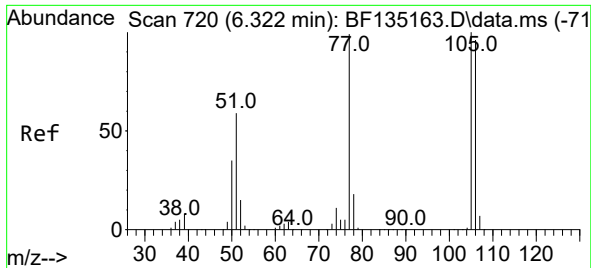
Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

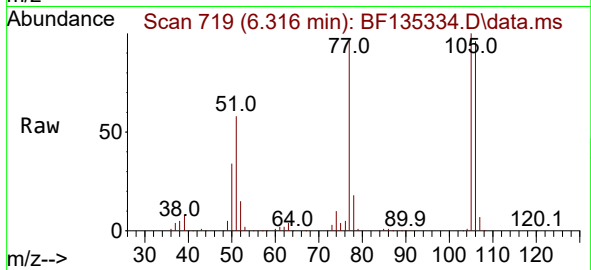
64 55.6 35.9 75.9





#9
Benzaldehyde
Concen: 25.176 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135334.D
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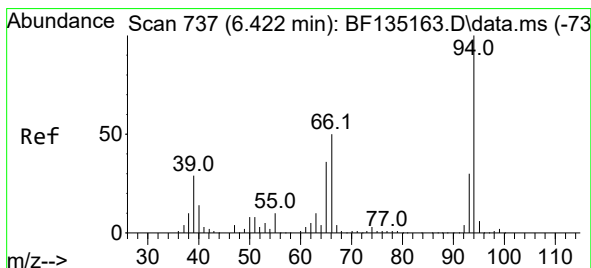
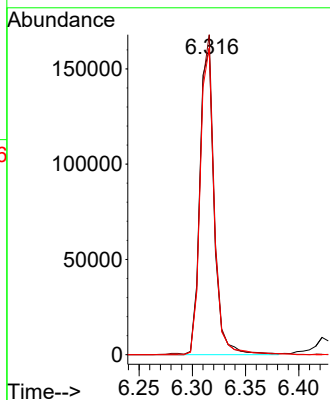
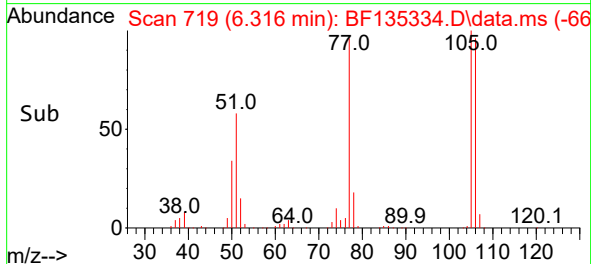
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Tgt Ion: 77 Resp: 151118
Ion Ratio Lower Upper
77 100
105 104.7 81.4 121.4
106 100.4 76.9 116.9

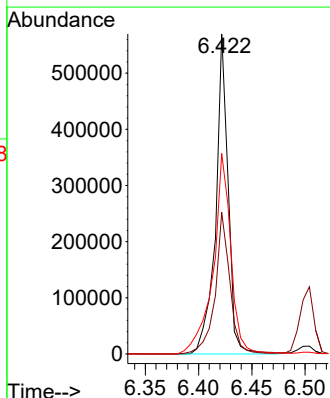
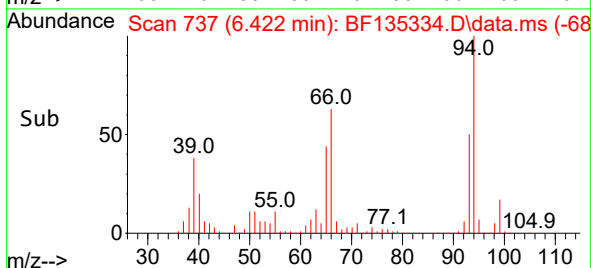
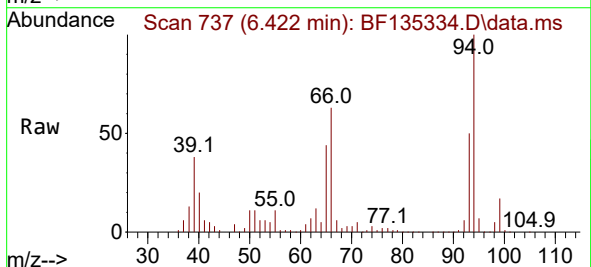
Manual Integrations
APPROVED

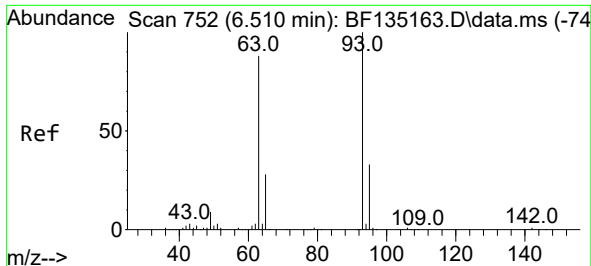
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#10
Phenol
Concen: 40.325 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion: 94 Resp: 465908
Ion Ratio Lower Upper
94 100
65 44.3 15.9 55.9
66 62.7 29.8 69.8





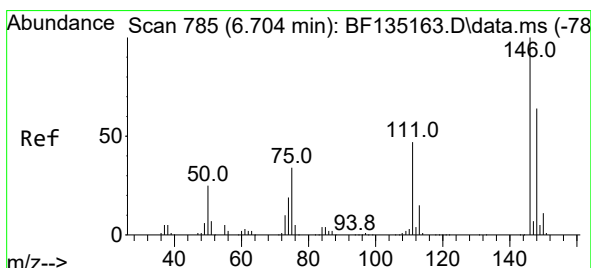
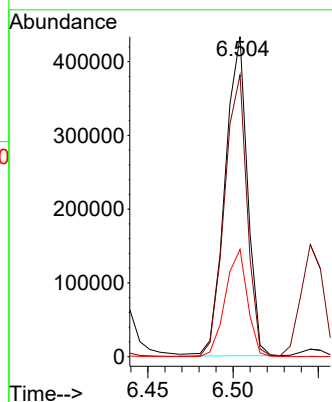
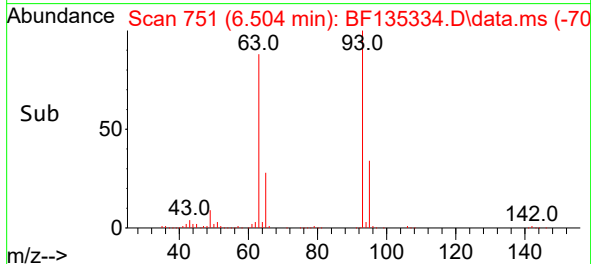
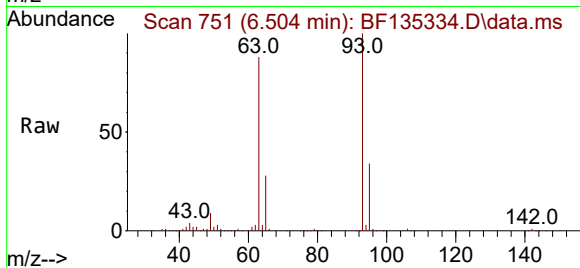
#11
bis(2-Chloroethyl)ether
Concen: 45.547 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :
BNA_F
ClientSampleId :
PB155524BS

Tgt Ion: 93 Resp: 39474
Ion Ratio Lower Upper
93 100
63 88.0 67.3 107.3
95 33.5 12.7 52.7

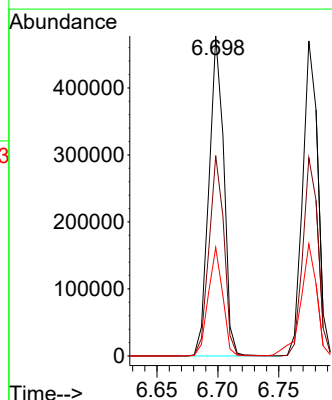
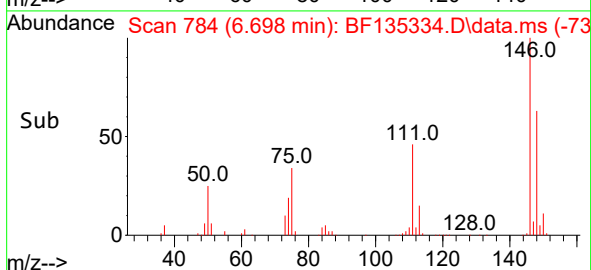
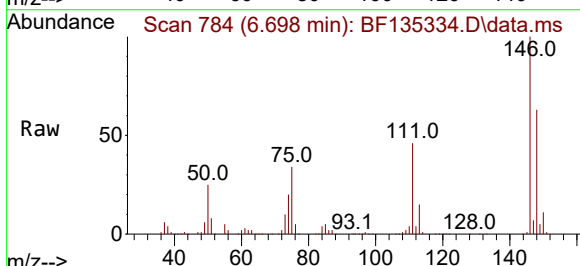
Manual Integrations
APPROVED

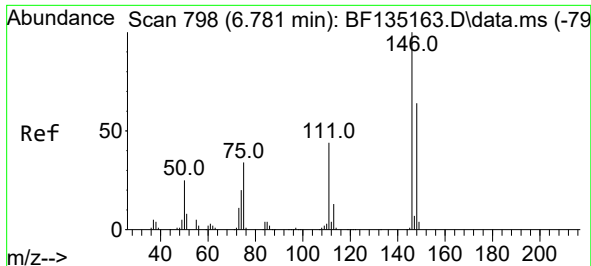
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#12
1,3-Dichlorobenzene
Concen: 45.098 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion:146 Resp: 405426
Ion Ratio Lower Upper
146 100
148 62.6 51.3 76.9
75 33.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.795 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion:146 Resp: 409714

Ion Ratio Lower Upper

146 100

148 63.0 51.3 76.9

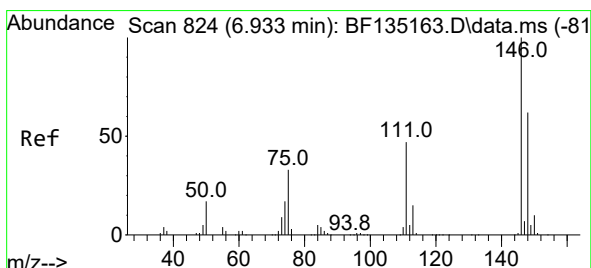
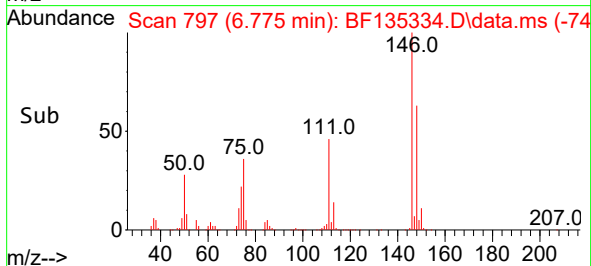
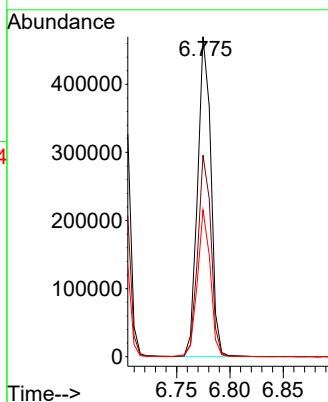
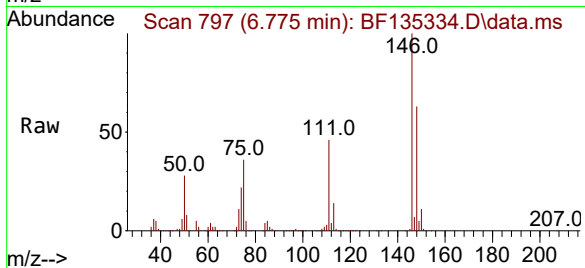
111 45.9 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#14

1,2-Dichlorobenzene

Concen: 46.266 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

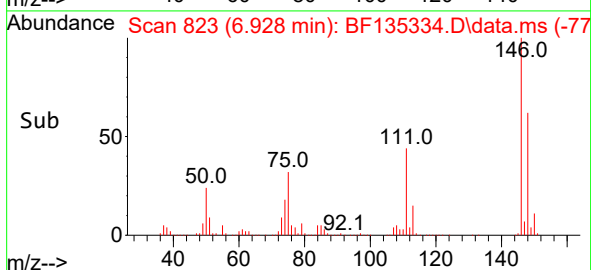
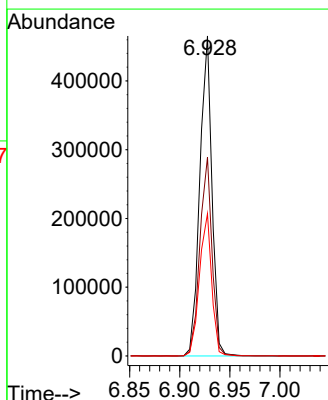
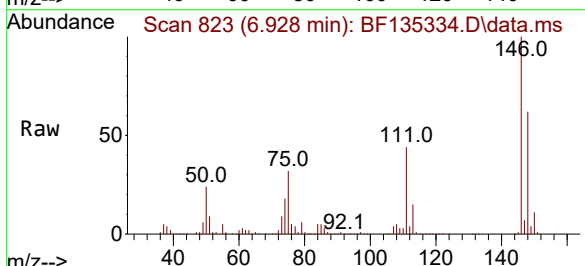
Tgt Ion:146 Resp: 392976

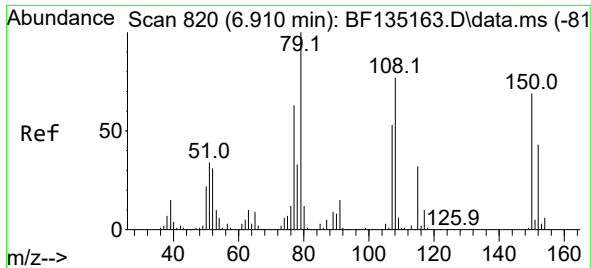
Ion Ratio Lower Upper

146 100

148 62.1 49.7 74.5

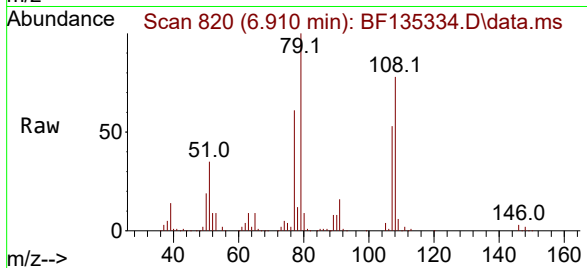
111 44.4 37.4 56.2





#15
Benzyl Alcohol
Concen: 46.157 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

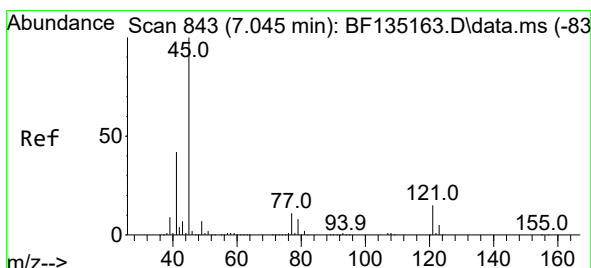
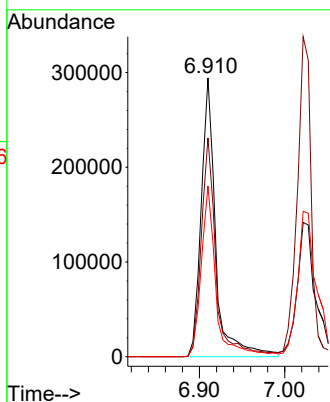
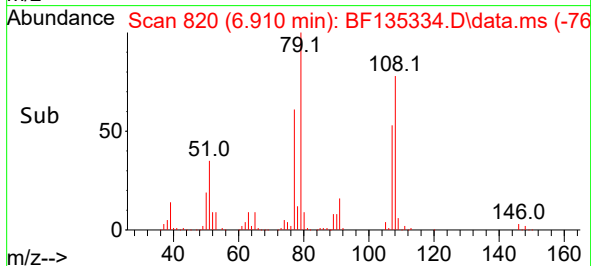
Instrument :
BNA_F
ClientSampleId :
PB155524BS



Tgt Ion: 79 Resp: 34899
Ion Ratio Lower Upper
79 100
108 78.5 61.2 91.8
77 61.2 50.5 75.7

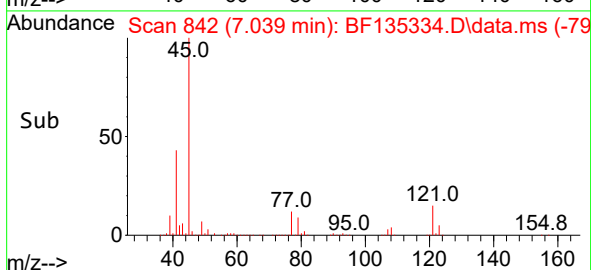
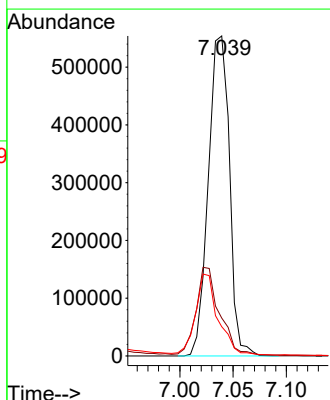
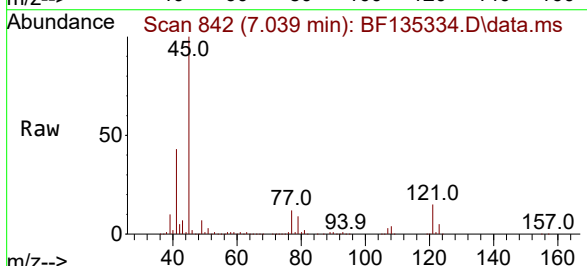
Manual Integrations
APPROVED

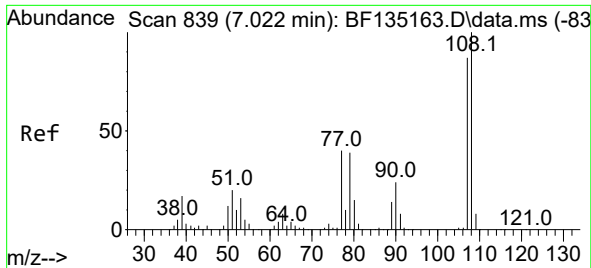
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.689 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion: 45 Resp: 762708
Ion Ratio Lower Upper
45 100
77 11.9 0.0 30.6
79 9.1 0.0 28.3





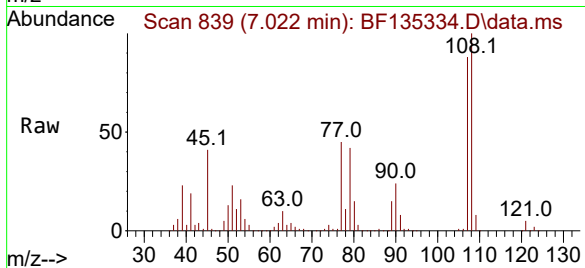
#17
2-Methylphenol
Concen: 43.436 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

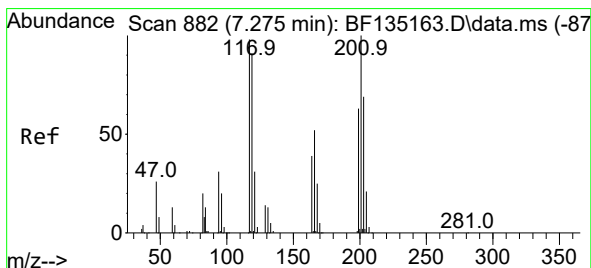
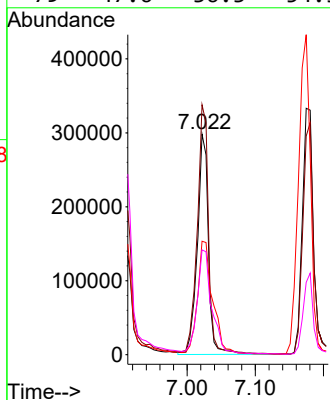
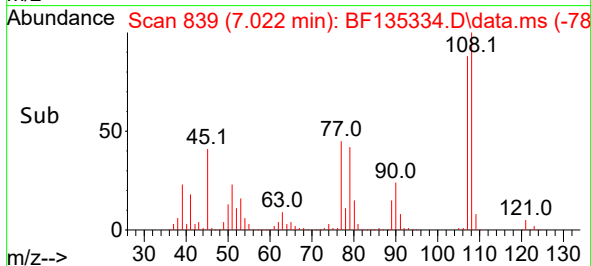


Tgt Ion:107 Resp: 339069
Ion Ratio Lower Upper
107 100
108 113.3 92.0 138.0
77 51.5 36.7 55.1
79 47.6 36.3 54.5

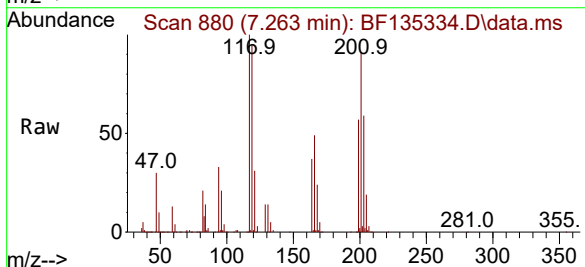
Manual Integrations

APPROVED

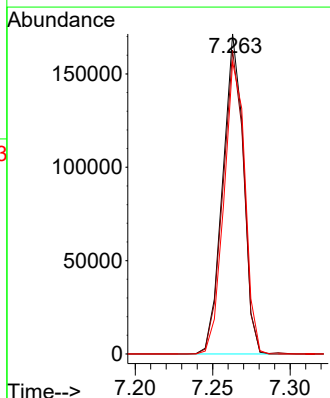
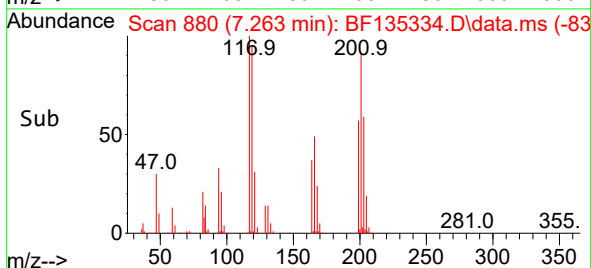
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

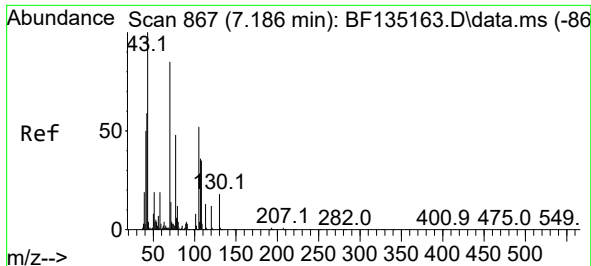


#18
Hexachloroethane
Concen: 47.194 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43



Tgt Ion:117 Resp: 159491
Ion Ratio Lower Upper
117 100
119 94.8 74.7 112.1
201 91.3 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.884 ng

RT: 7.181 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion: 70 Resp: 26682

Ion Ratio Lower Upper

70 100

42 76.0 55.4 83.0

101 9.4 7.7 11.5

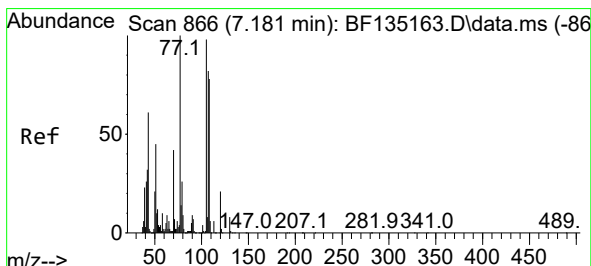
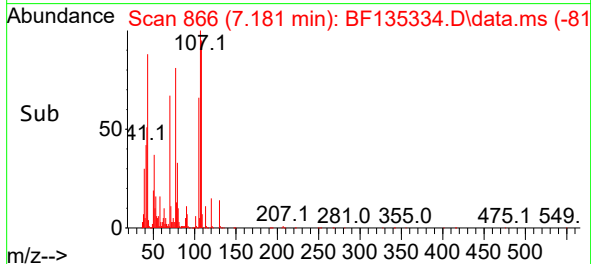
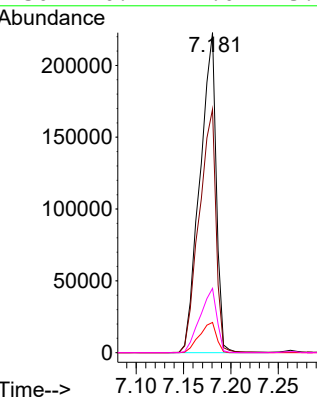
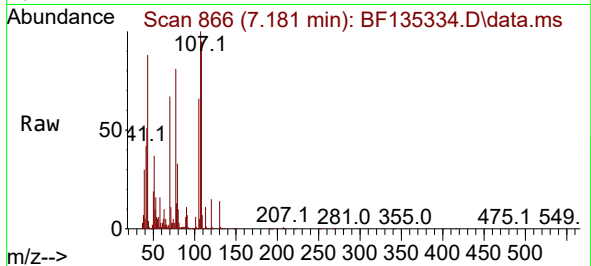
130 20.1 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#20

3+4-Methylphenols

Concen: 40.769 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Tgt Ion:107 Resp: 382678

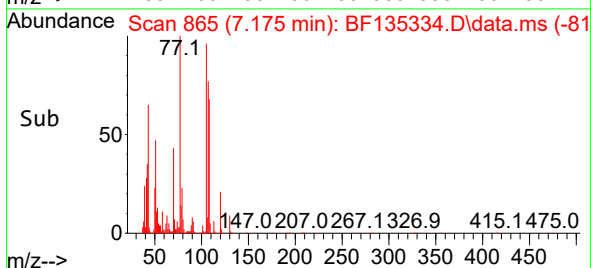
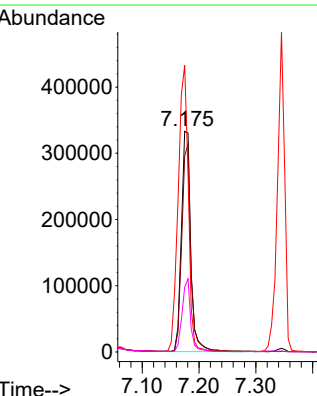
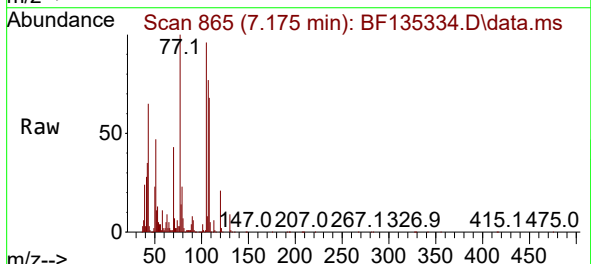
Ion Ratio Lower Upper

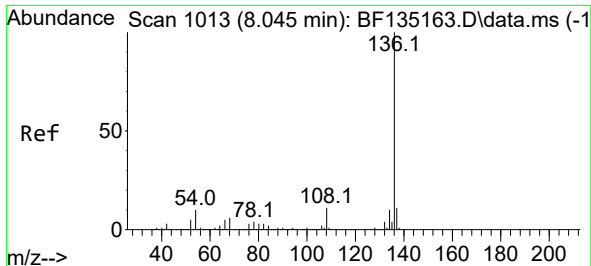
107 100

108 88.7 74.7 114.7

77 129.8 102.0 142.0

79 29.4 11.7 51.7





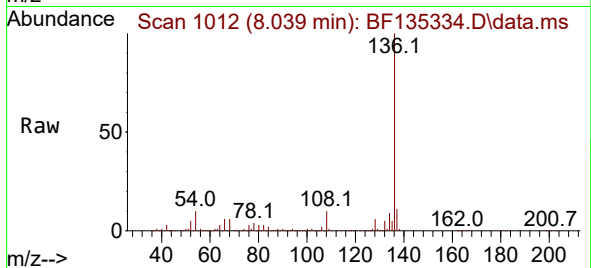
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

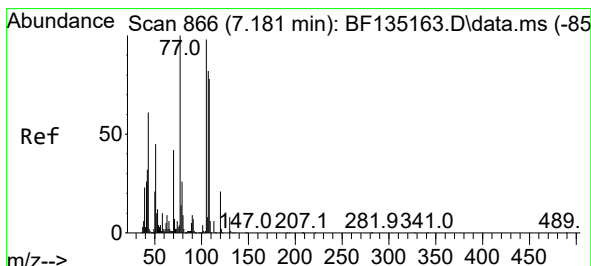
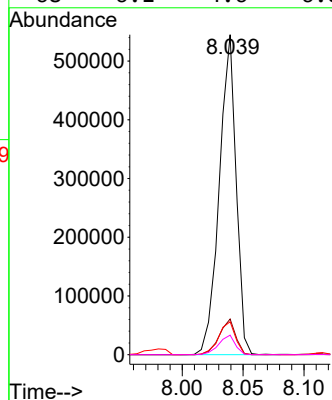
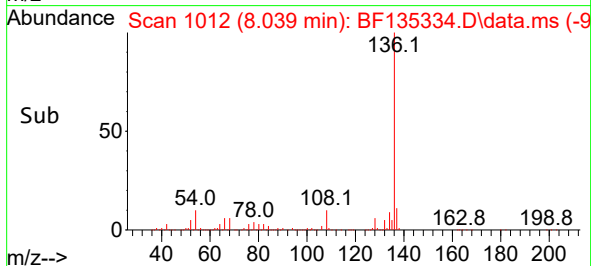


Tgt Ion:136 Resp: 525059
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.3 7.7 11.5
68 6.1 4.6 6.8

Manual Integrations

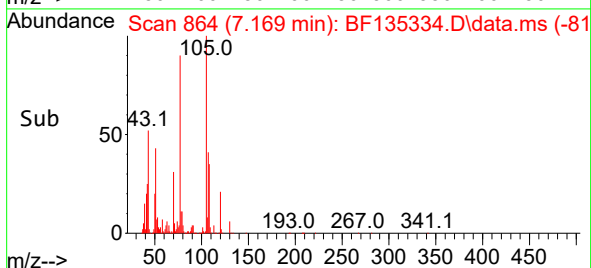
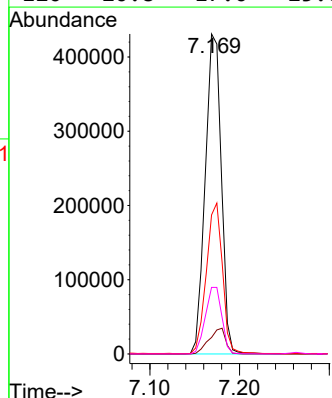
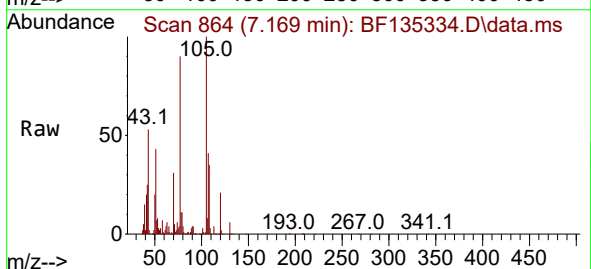
APPROVED

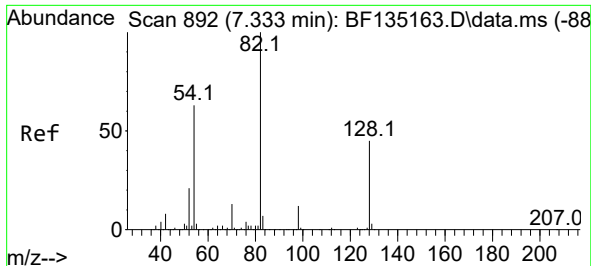
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#22
Acetophenone
Concen: 44.754 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion:105 Resp: 537236
Ion Ratio Lower Upper
105 100
71 5.2 5.8 8.6#
51 43.4 37.0 55.4
120 20.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 89.270 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion: 82 Resp: 862738

Ion Ratio Lower Upper

82 100

128 44.3 35.8 53.6

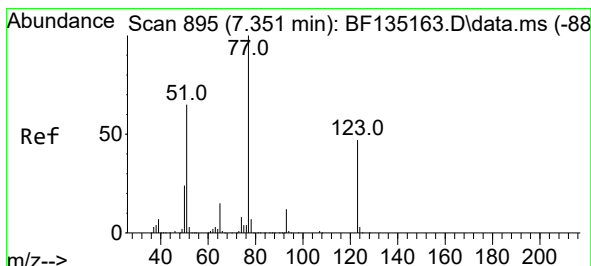
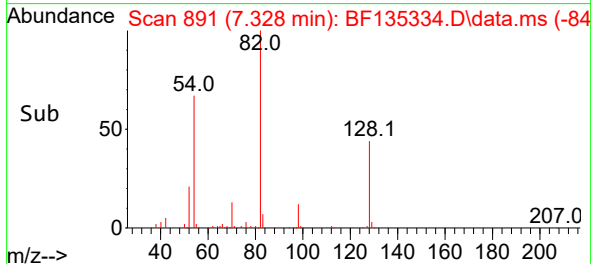
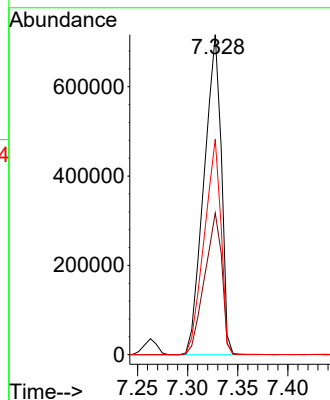
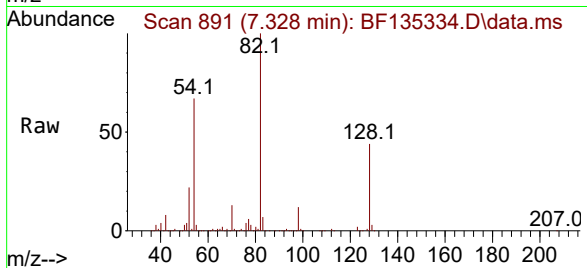
54 67.3 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#24

Nitrobenzene

Concen: 44.964 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

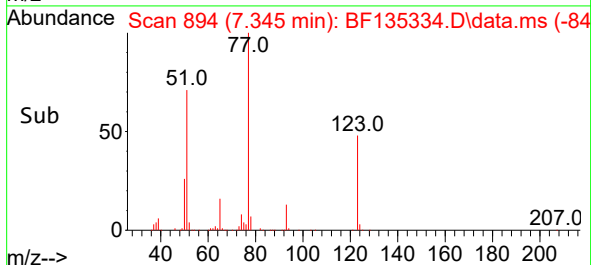
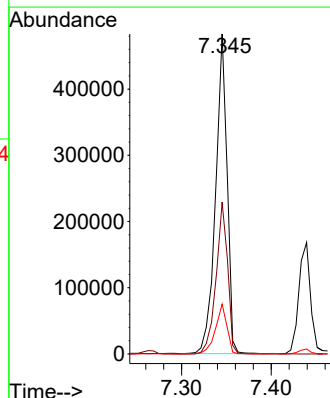
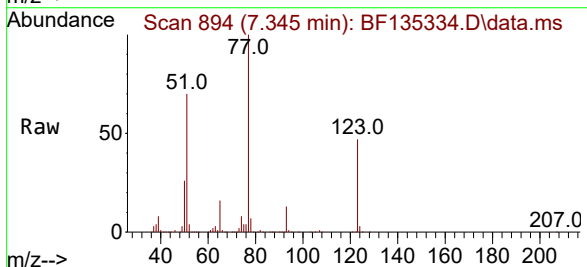
Tgt Ion: 77 Resp: 429510

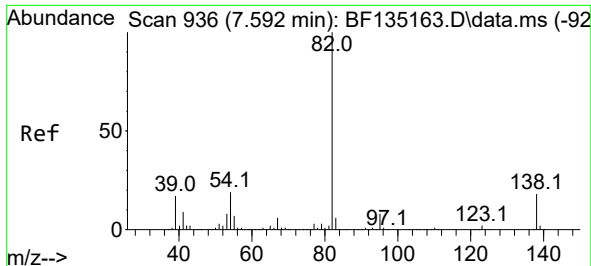
Ion Ratio Lower Upper

77 100

123 47.4 37.6 56.4

65 15.6 12.2 18.4





#25
Isophorone
Concen: 45.639 ng
RT: 7.586 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

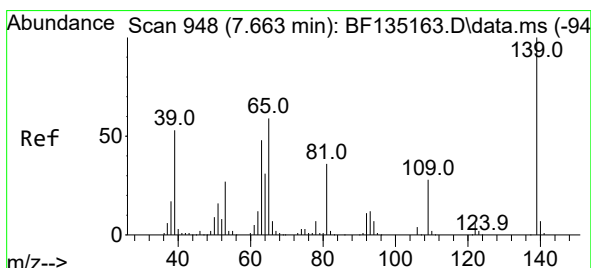
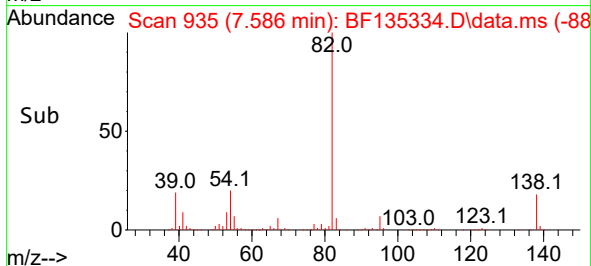
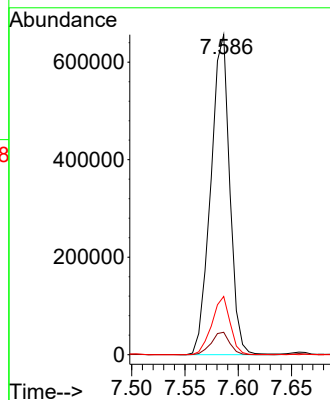
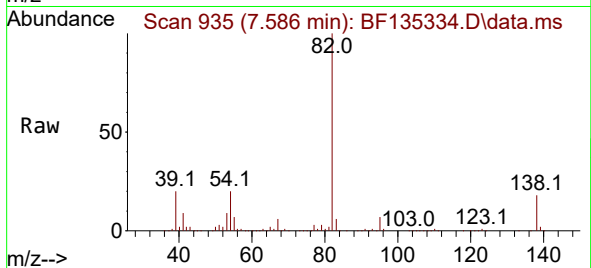
ClientSampleId :

PB155524BS

Tgt Ion: 82 Resp: 809929
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 18.2 14.5 21.7

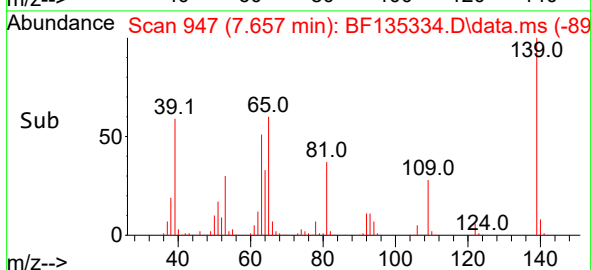
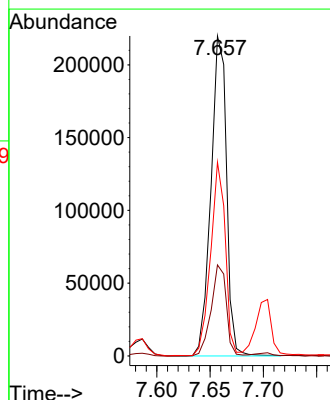
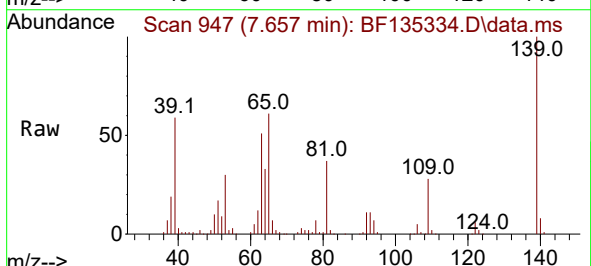
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 48.884 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion:139 Resp: 224110
Ion Ratio Lower Upper
139 100
109 28.5 22.6 33.8
65 60.6 47.0 70.4





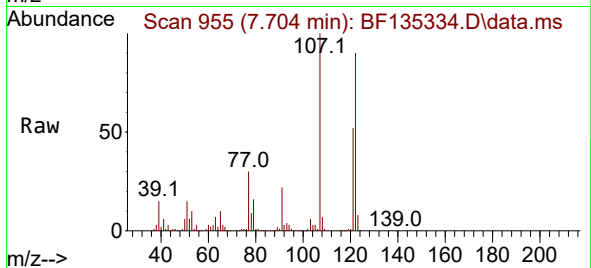
#27
2,4-Dimethylphenol
Concen: 48.165 ng
RT: 7.704 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

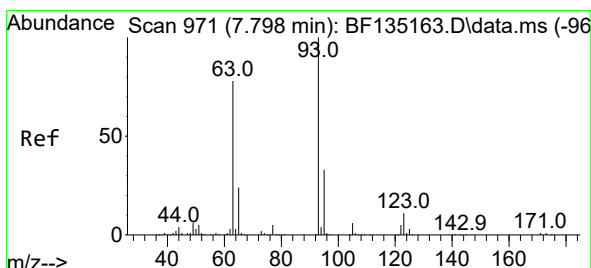
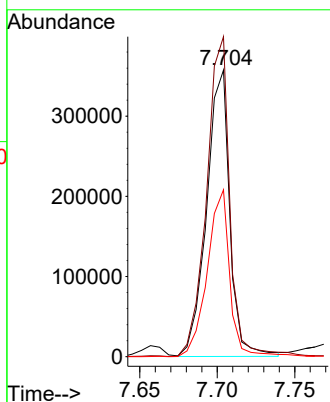
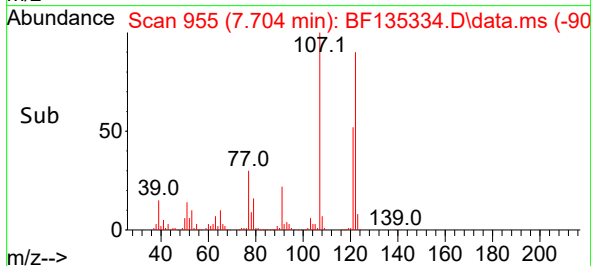


Tgt Ion:122 Resp: 37116
Ion Ratio Lower Upper
122 100
107 111.7 90.2 135.4
121 58.2 46.3 69.5

Manual Integrations

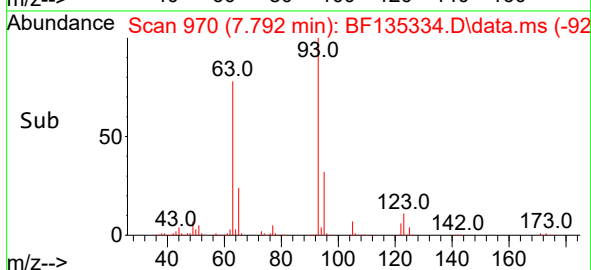
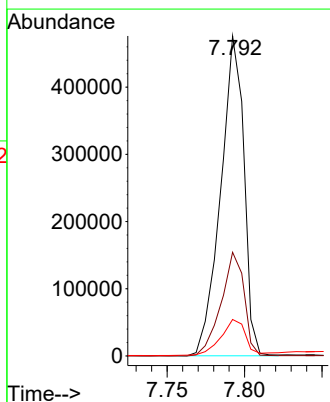
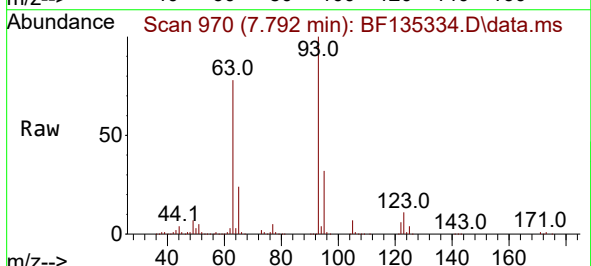
APPROVED

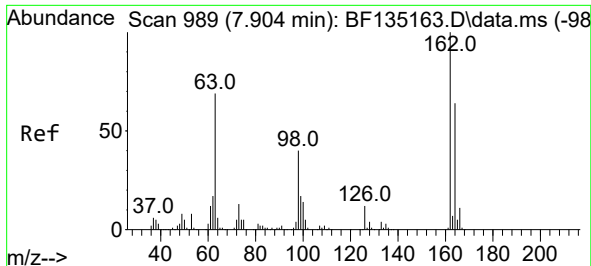
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.733 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion: 93 Resp: 496383
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.2
123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 46.889 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

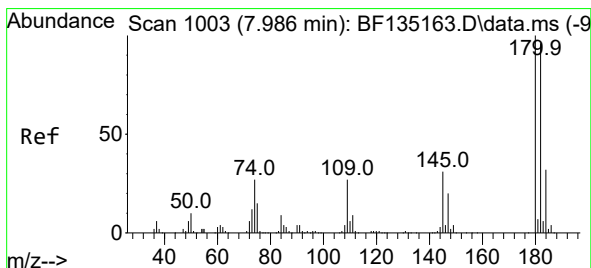
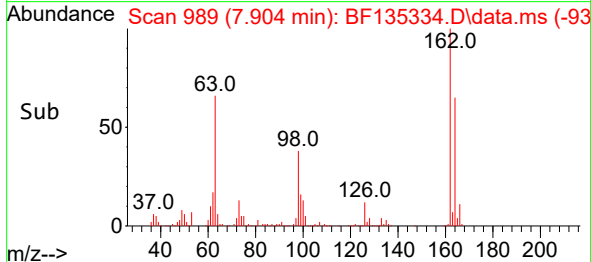
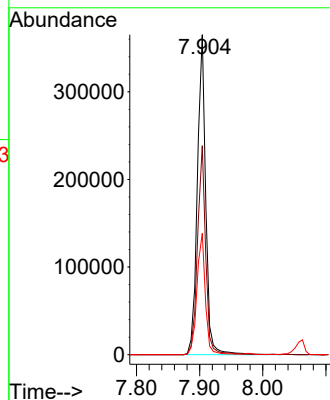
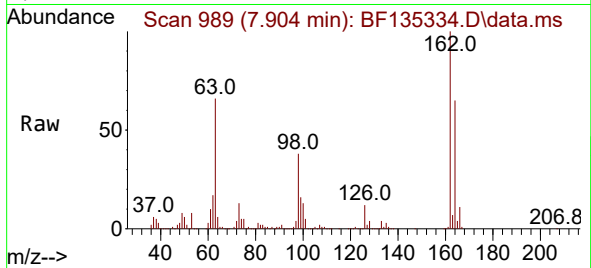
Tgt Ion:162 Resp: 334812
 Ion Ratio Lower Upper
 162 100
 164 65.3 44.1 84.1
 98 37.9 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.179 ng

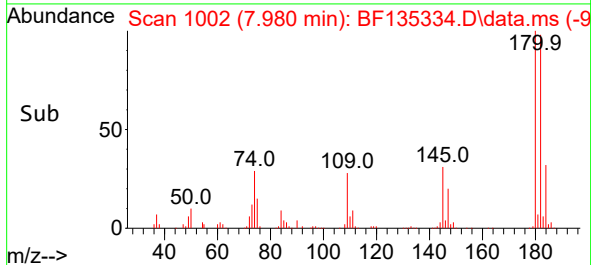
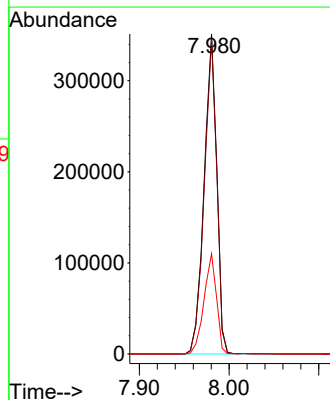
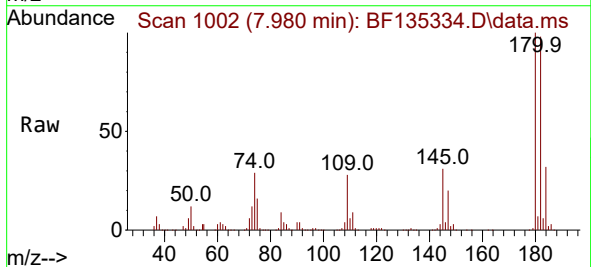
RT: 7.980 min Scan# 1002

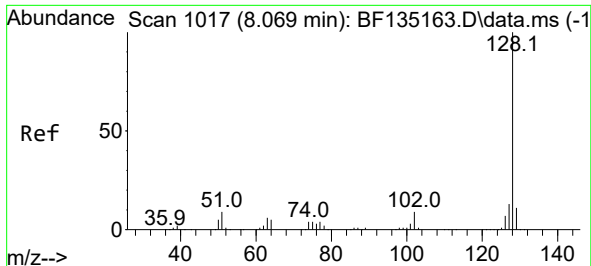
Delta R.T. -0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Tgt Ion:180 Resp: 344655
 Ion Ratio Lower Upper
 180 100
 182 98.4 76.9 115.3
 145 31.3 24.5 36.7





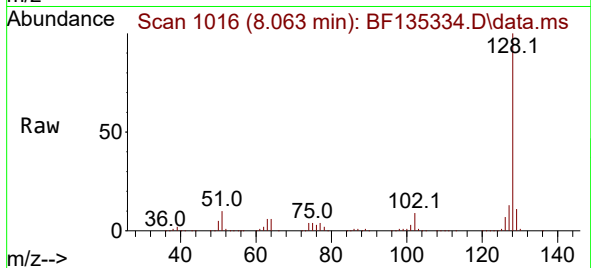
#31
Naphthalene
Concen: 44.967 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS



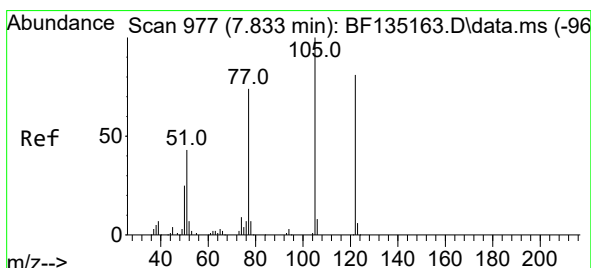
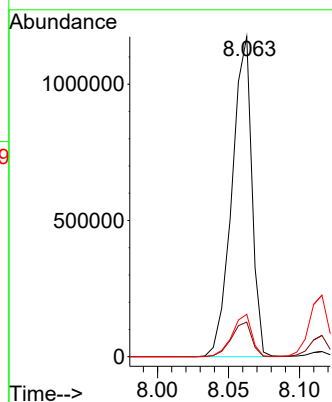
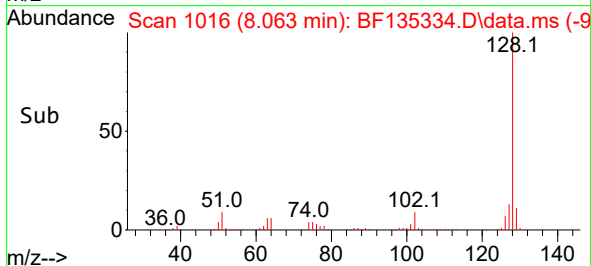
Tgt Ion:128 Resp: 114716
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.7 16.1

Manual Integrations

APPROVED

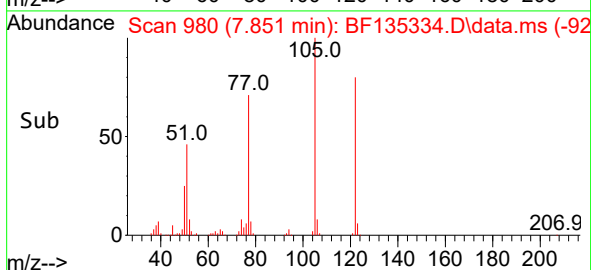
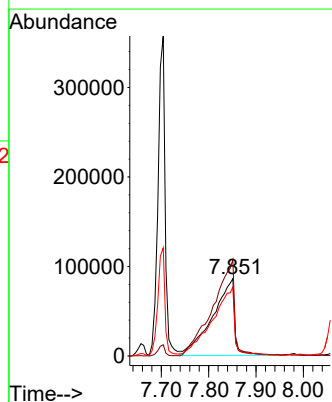
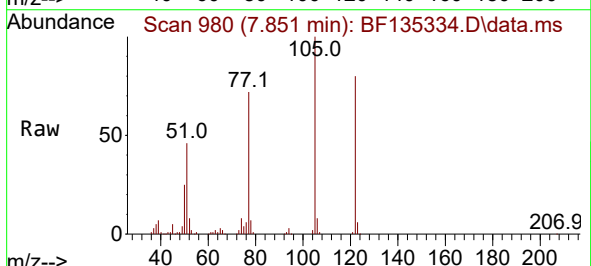
Reviewed By :Yogesh Patel 09/20/2023

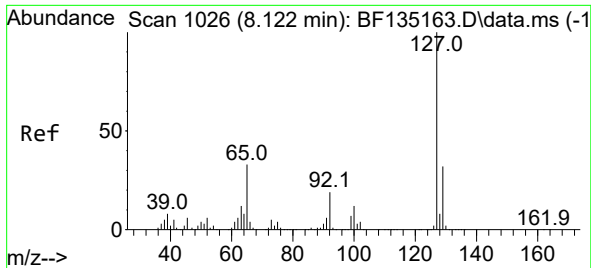
Supervised By :mohammad ahmed 09/20/2023



#32
Benzoic acid
Concen: 48.043 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion:122 Resp: 278781
Ion Ratio Lower Upper
122 100
105 124.2 99.9 139.9
77 88.8 70.0 110.0





#33
4-Chloroaniline
Concen: 21.233 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

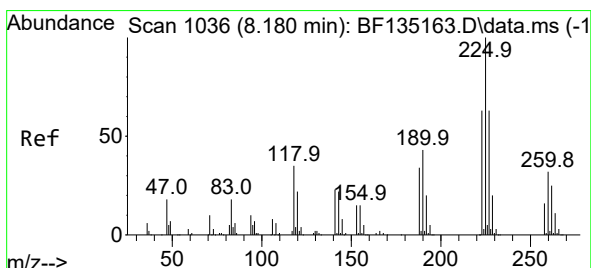
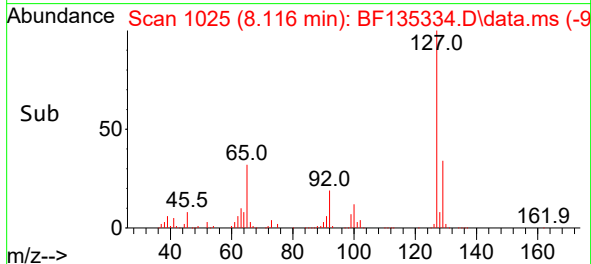
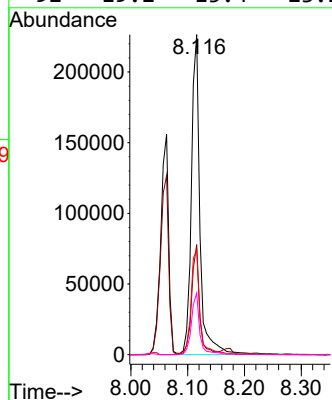
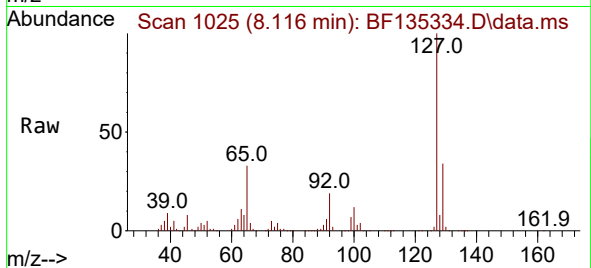
ClientSampleId :

PB155524BS

Tgt Ion:127 Resp: 237652
Ion Ratio Lower Upper
127 100
129 34.4 25.8 38.8
65 32.7 26.6 39.8
92 19.2 15.4 23.2

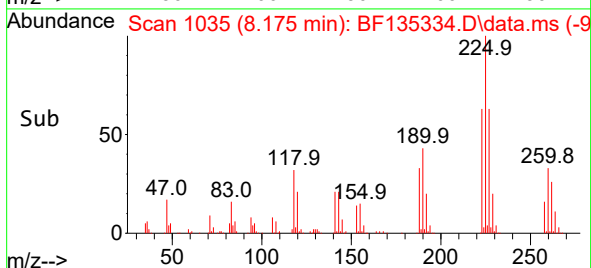
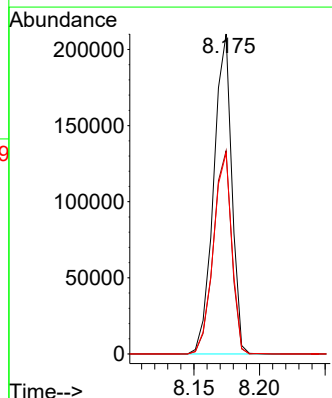
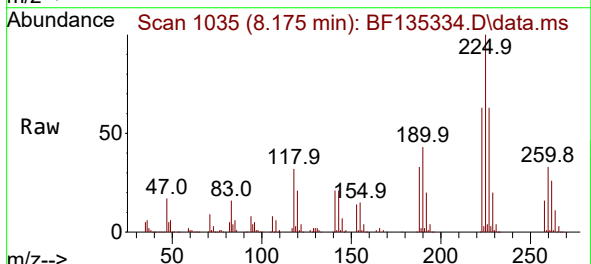
Manual Integrations
APPROVED

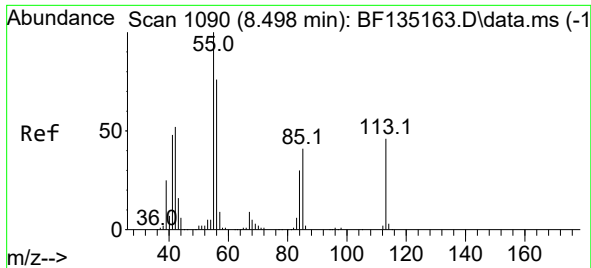
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#34
Hexachlorobutadiene
Concen: 44.845 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

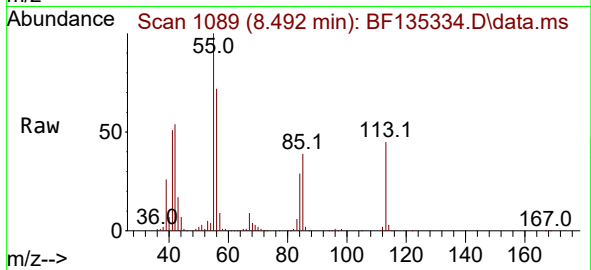
Tgt Ion:225 Resp: 201821
Ion Ratio Lower Upper
225 100
223 63.5 50.6 75.8
227 62.8 50.8 76.2





#35
 Caprolactam
 Concen: 51.545 ng m
 RT: 8.492 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: BF135334.D
 Acq: 19 Sep 2023 14:43

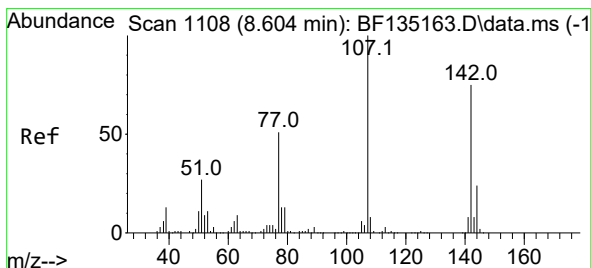
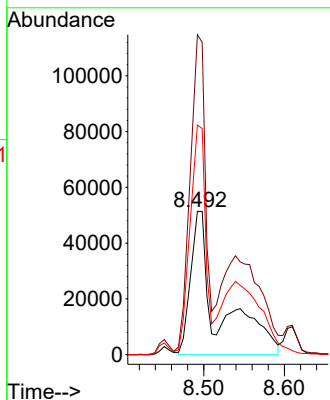
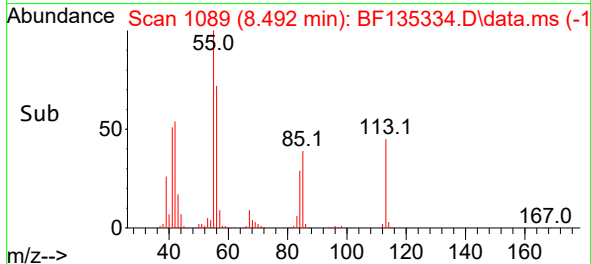
Instrument :
 BNA_F
 ClientSampleId :
 PB155524BS



Tgt Ion:113 Resp: 123528
 Ion Ratio Lower Upper
 113 100
 55 223.2 199.3 239.3
 56 160.2 146.3 186.3

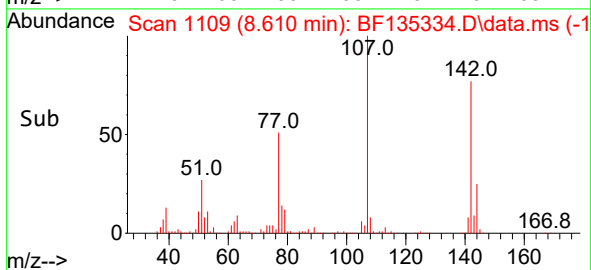
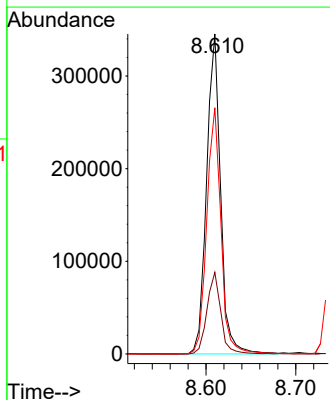
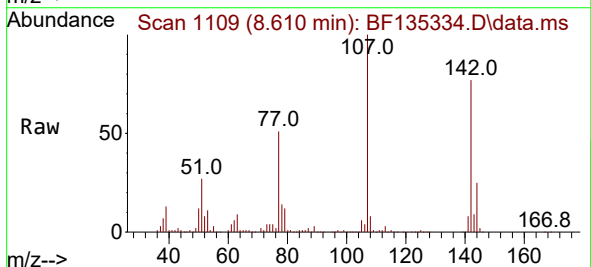
Manual Integrations
 APPROVED

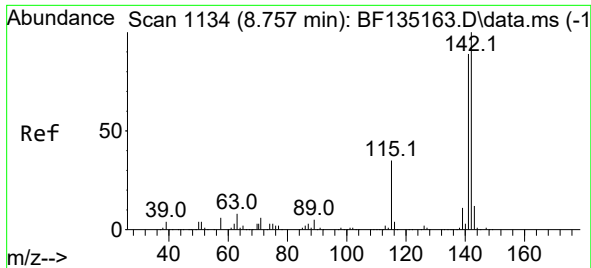
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023



#36
 4-Chloro-3-methylphenol
 Concen: 47.145 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135334.D
 Acq: 19 Sep 2023 14:43

Tgt Ion:107 Resp: 374149
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.0 28.4
 142 76.9 60.2 90.2





#37
2-Methylnaphthalene
Concen: 43.518 ng
RT: 8.751 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

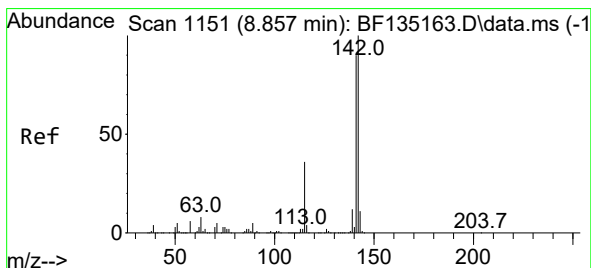
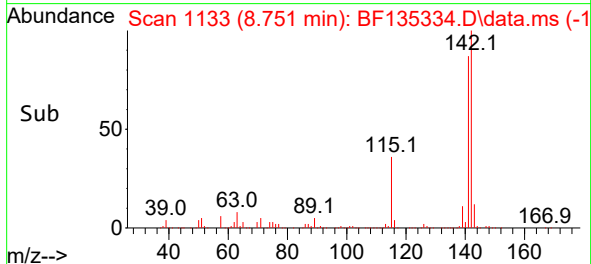
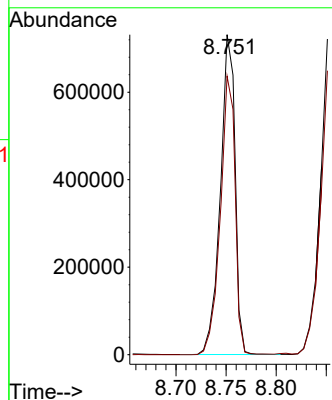
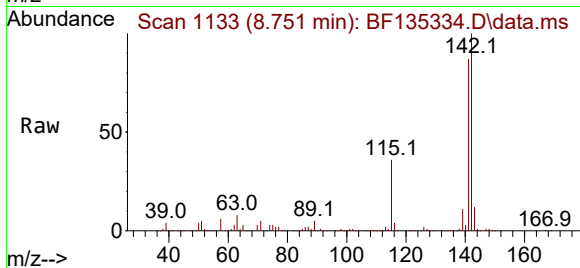
ClientSampleId :

PB155524BS

Tgt Ion:142 Resp: 746258
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.6

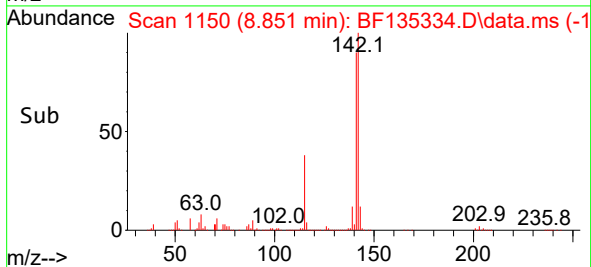
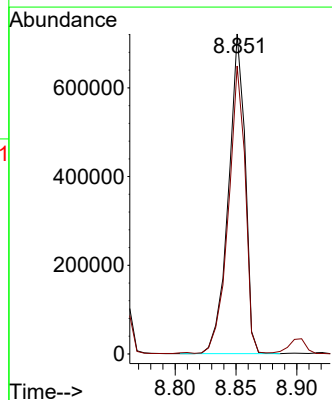
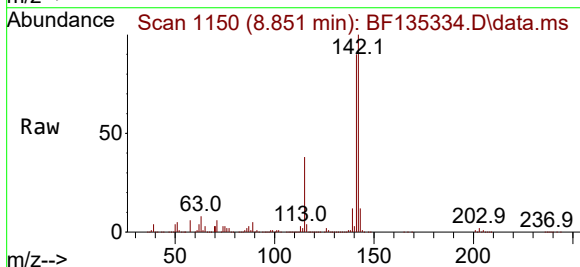
Manual Integrations
APPROVED

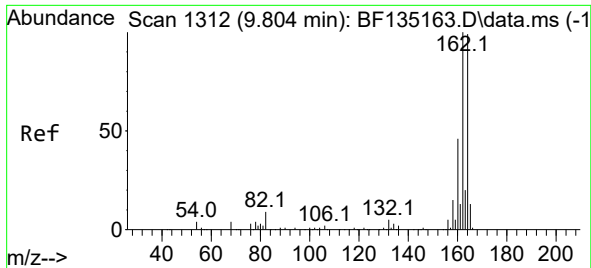
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#38
1-Methylnaphthalene
Concen: 42.913 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion:142 Resp: 688973
Ion Ratio Lower Upper
142 100
141 90.0 72.4 108.6





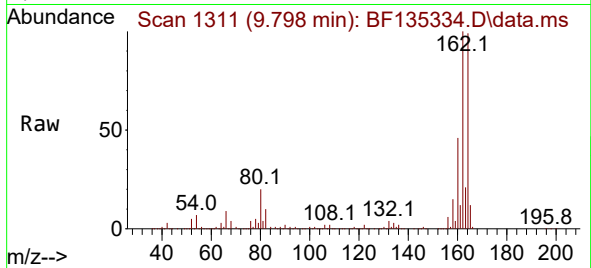
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

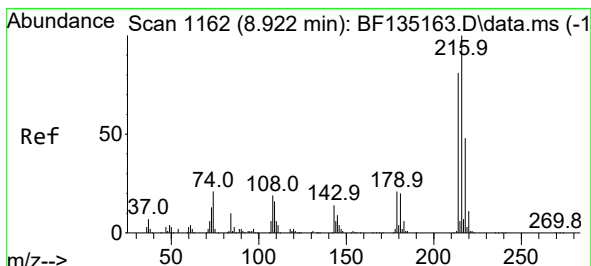
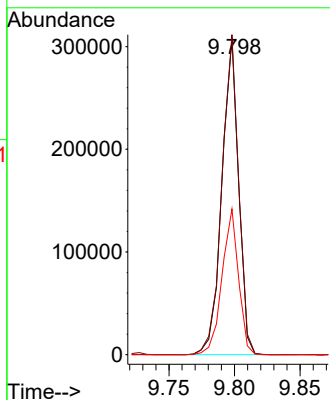
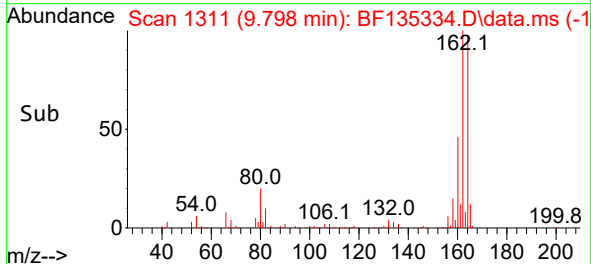


Tgt Ion:164 Resp: 27176
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 46.0 37.0 55.4

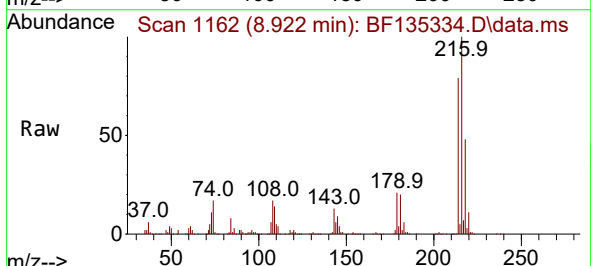
Manual Integrations

APPROVED

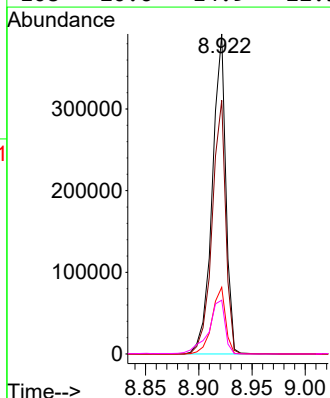
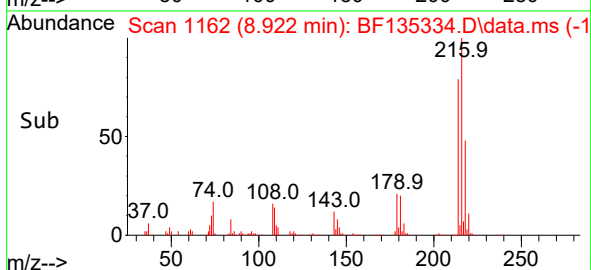
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

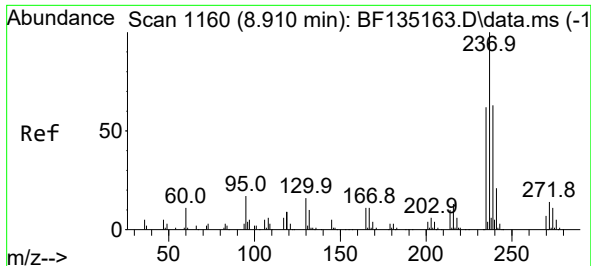


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.139 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43



Tgt Ion:216 Resp: 347512
Ion Ratio Lower Upper
216 100
214 79.7 63.7 95.5
179 20.8 16.7 25.1
108 20.6 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 75.299 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

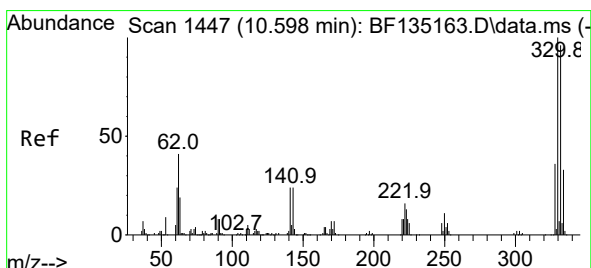
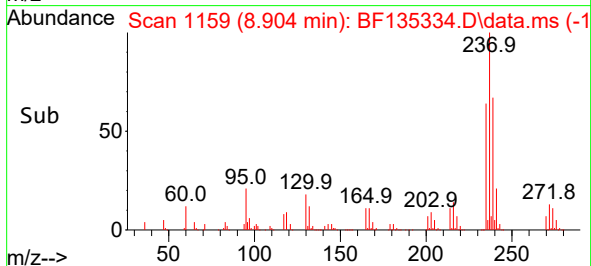
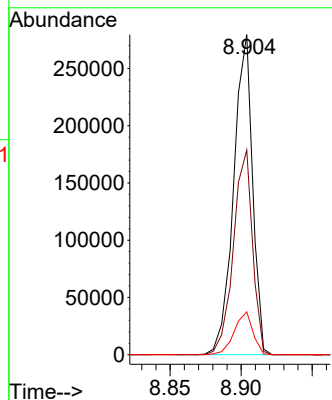
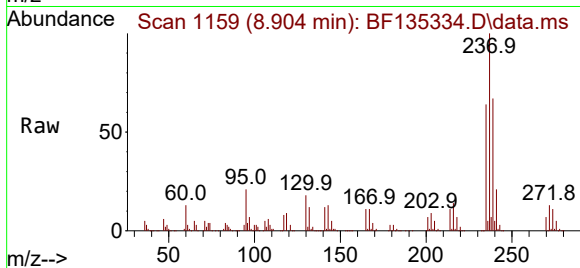
PB155524BS

Tgt Ion:237 Resp: 259560
Ion Ratio Lower Upper
237 100
235 63.9 41.8 81.8
272 13.4 0.0 33.6

Manual Integrations

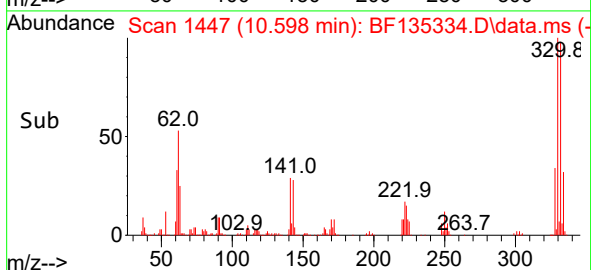
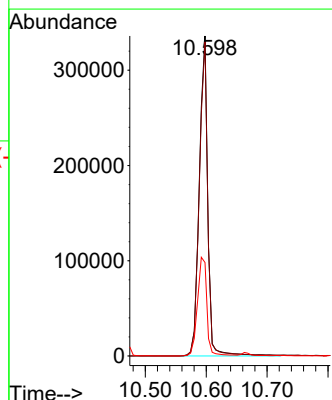
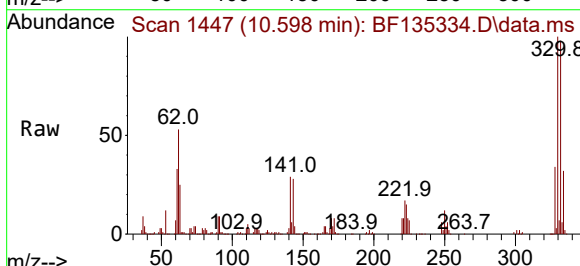
APPROVED

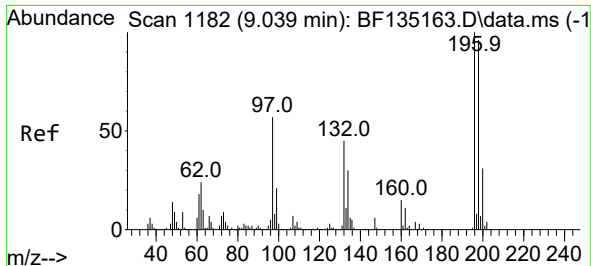
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#42
2,4,6-Tribromophenol
Concen: 120.005 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

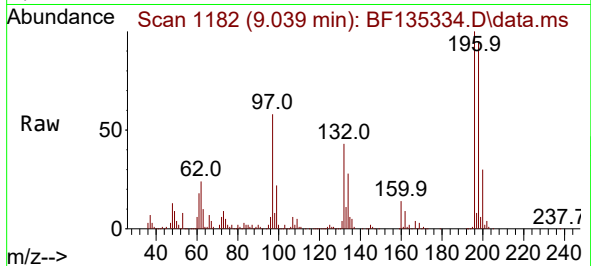
Tgt Ion:330 Resp: 324093
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 34.4 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 45.575 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

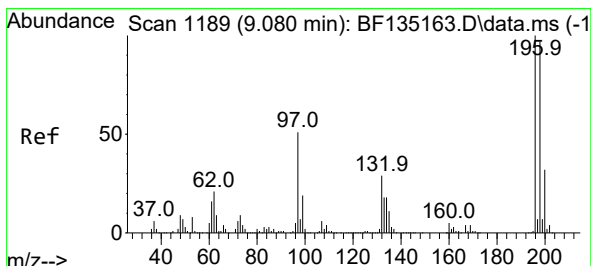
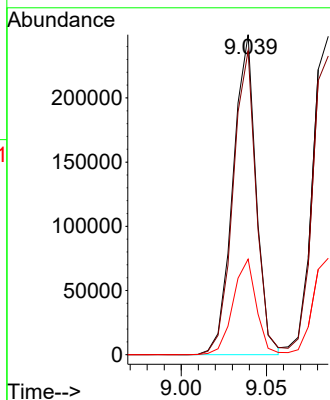
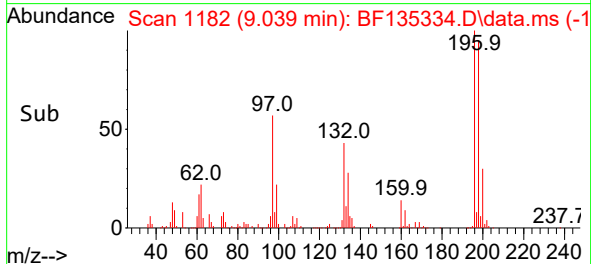
Instrument :
BNA_F
ClientSampleId :
PB155524BS



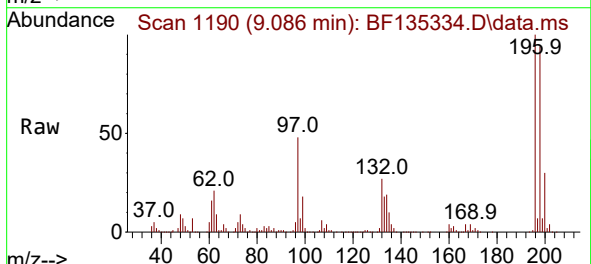
Tgt Ion:196 Resp: 234930
Ion Ratio Lower Upper
196 100
198 95.0 77.0 115.6
200 29.8 24.5 36.7

Manual Integrations
APPROVED

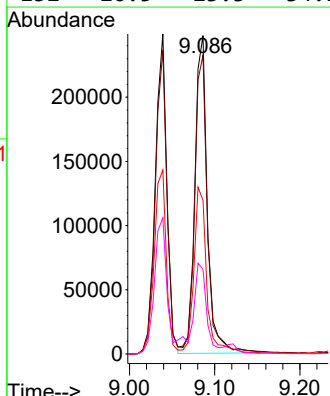
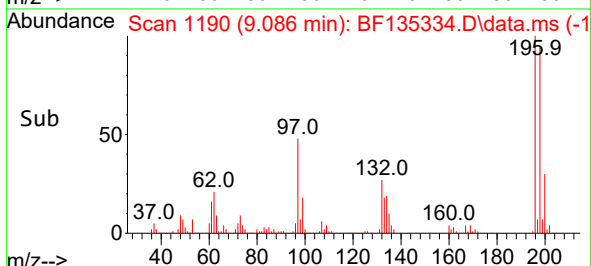
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

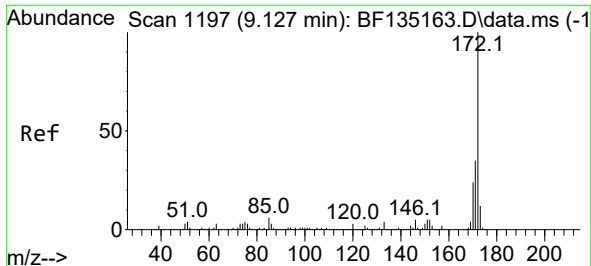


#44
2,4,5-Trichlorophenol
Concen: 42.923 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43



Tgt Ion:196 Resp: 254813
Ion Ratio Lower Upper
196 100
198 93.8 77.5 116.3
97 48.3 40.5 60.7
132 26.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 81.484 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135334.D

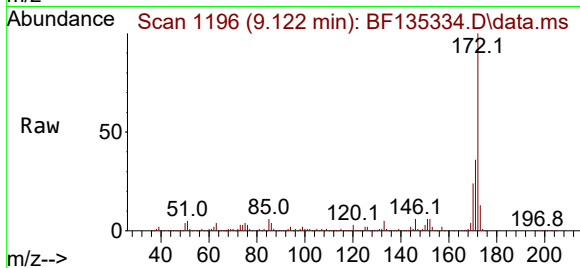
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS



Tgt Ion:172 Resp: 146776

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

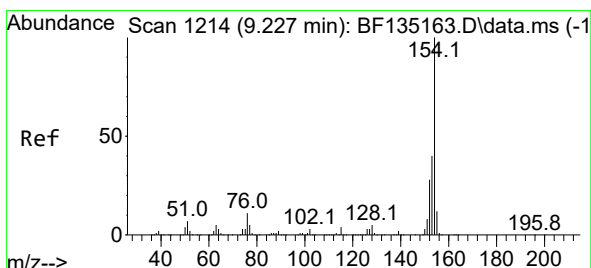
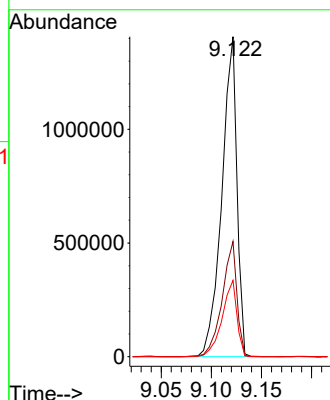
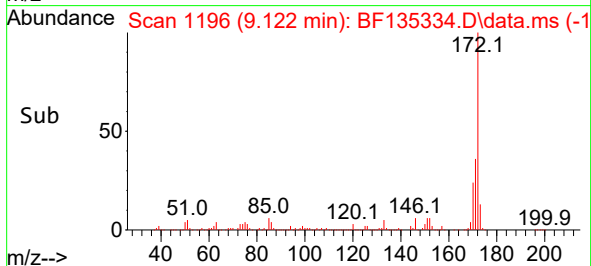
170 23.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#46

1,1'-Biphenyl

Concen: 44.041 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

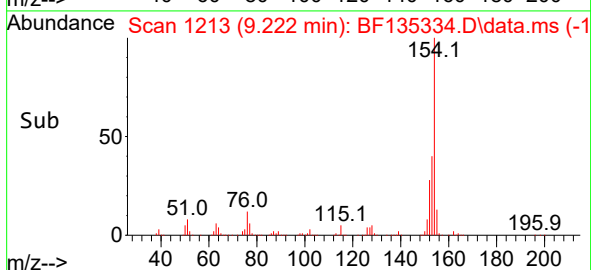
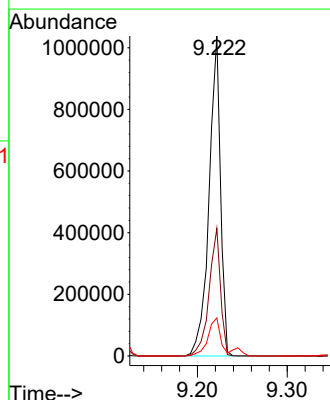
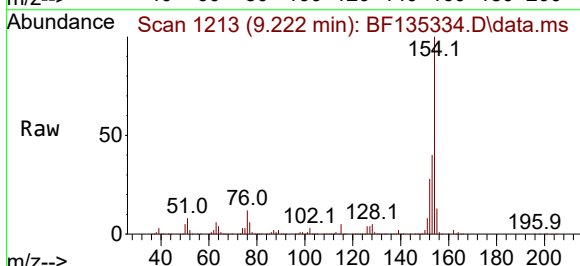
Tgt Ion:154 Resp: 919785

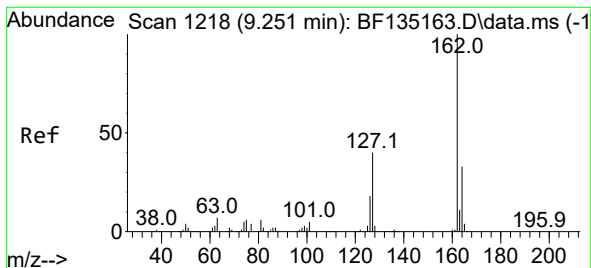
Ion Ratio Lower Upper

154 100

153 39.9 19.6 59.6

76 11.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.994 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

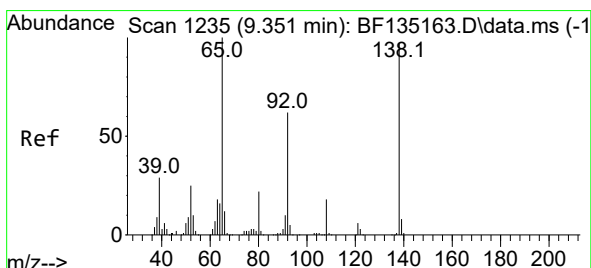
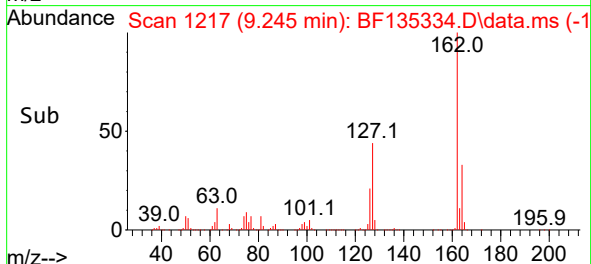
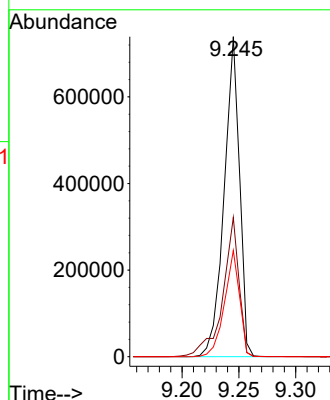
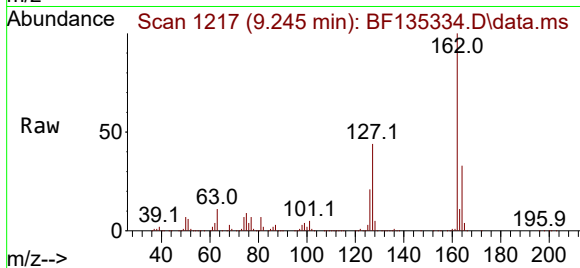
Tgt Ion:162 Resp: 69694
 Ion Ratio Lower Upper
 162 100
 127 43.5 32.6 48.8
 164 33.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#48

2-Nitroaniline

Concen: 46.839 ng

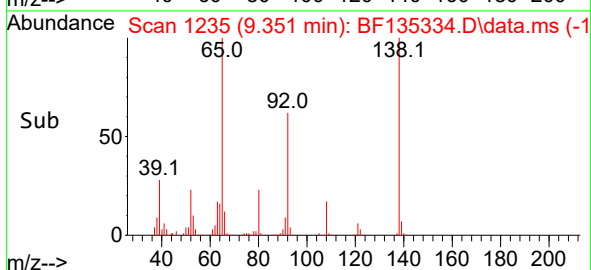
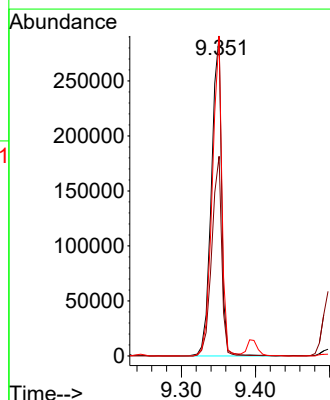
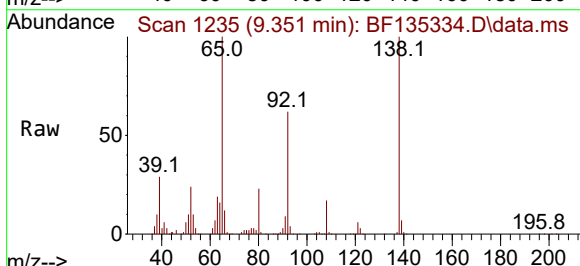
RT: 9.351 min Scan# 1235

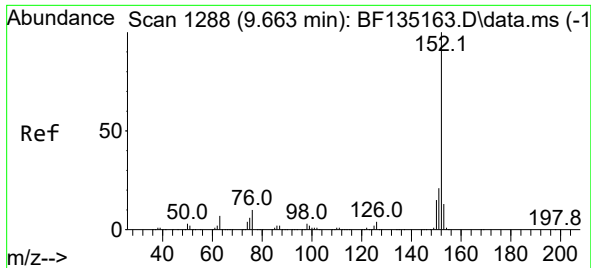
Delta R.T. 0.000 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

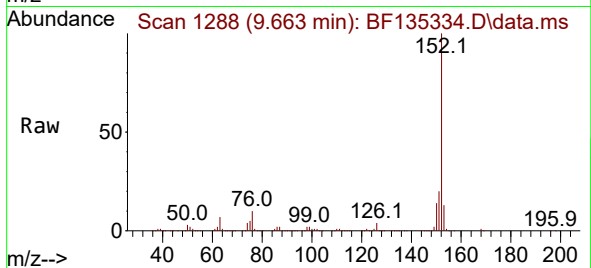
Tgt Ion: 65 Resp: 275735
 Ion Ratio Lower Upper
 65 100
 92 62.4 49.4 74.0
 138 99.9 77.4 116.0





#49
Acenaphthylene
Concen: 43.133 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

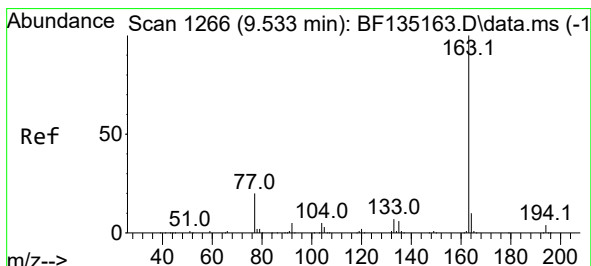
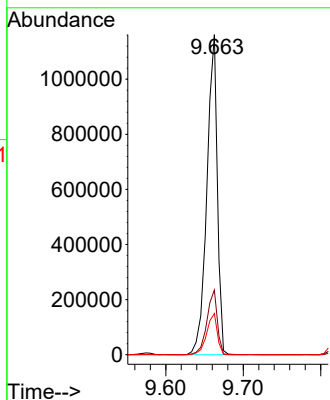
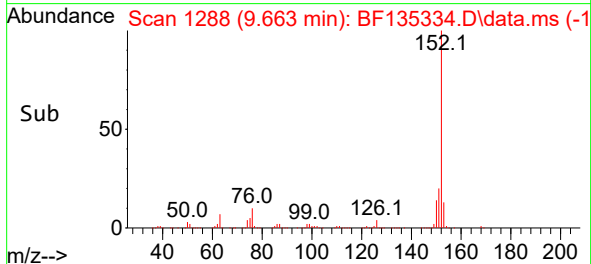
Instrument :
BNA_F
ClientSampleId :
PB155524BS



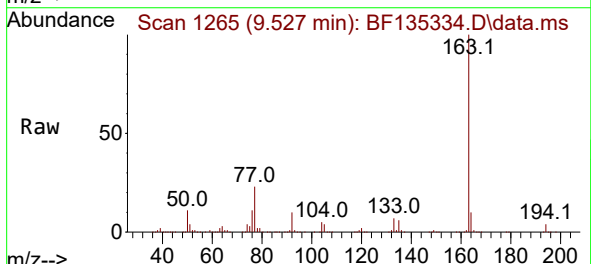
Tgt Ion:152 Resp: 108622
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.8 10.4 15.6

Manual Integrations
APPROVED

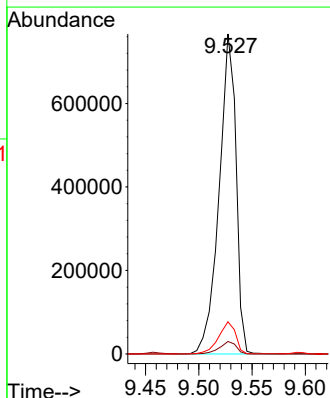
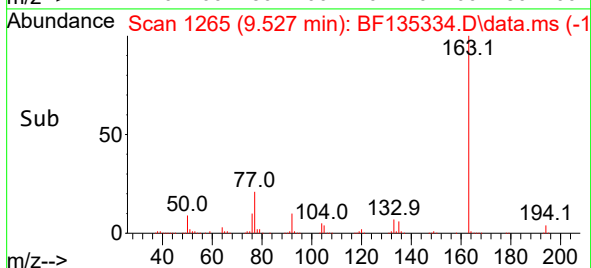
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

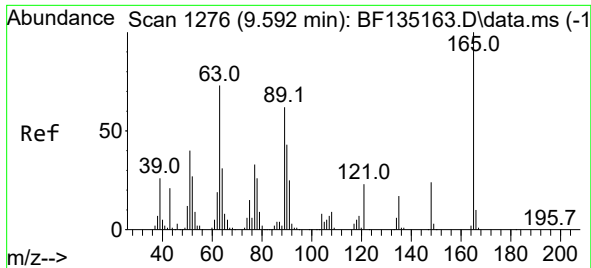


#50
Dimethylphthalate
Concen: 45.949 ng
RT: 9.527 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43



Tgt Ion:163 Resp: 844261
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.1 12.1





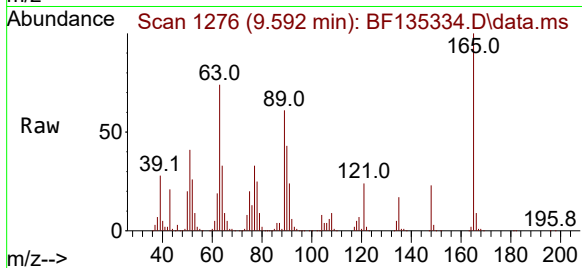
#51
2,6-Dinitrotoluene
Concen: 46.657 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

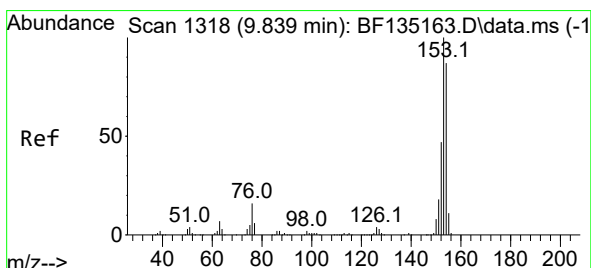
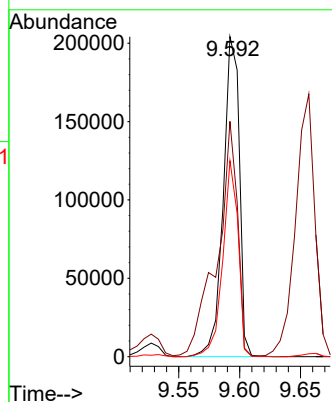
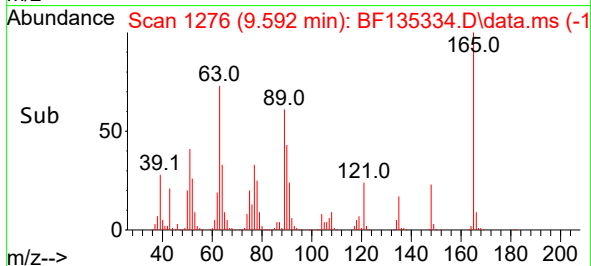
PB155524BS



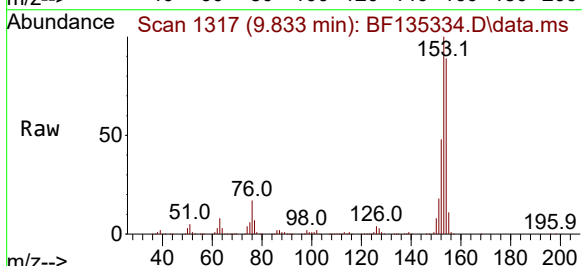
Tgt Ion:165 Resp: 187800
Ion Ratio Lower Upper
165 100
63 73.5 59.4 89.2
89 61.3 49.8 74.8

Manual Integrations
APPROVED

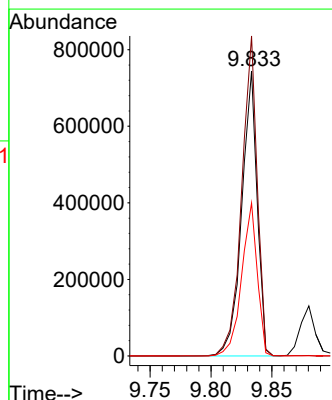
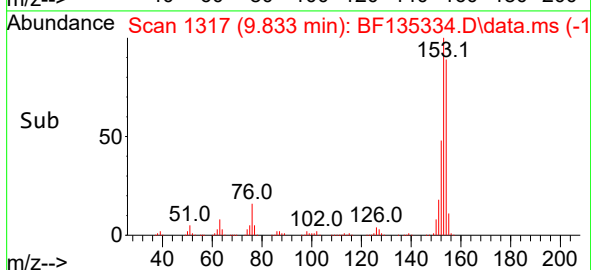
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

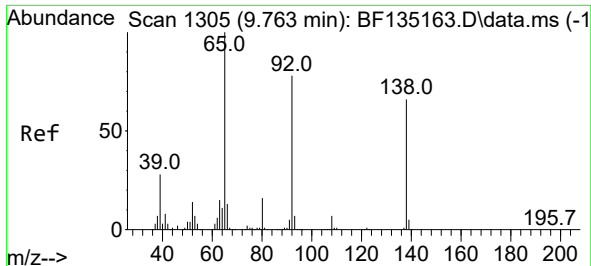


#52
Acenaphthene
Concen: 44.237 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43



Tgt Ion:154 Resp: 658102
Ion Ratio Lower Upper
154 100
153 112.3 92.1 138.1
152 53.7 43.1 64.7





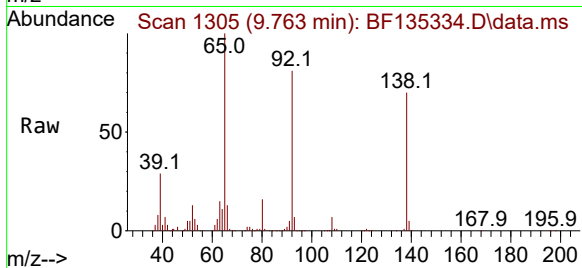
#53
3-Nitroaniline
Concen: 31.463 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS



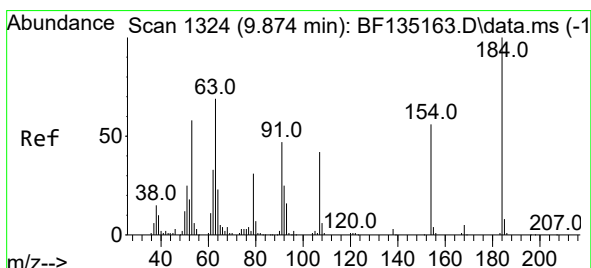
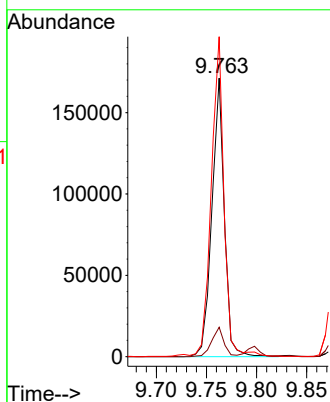
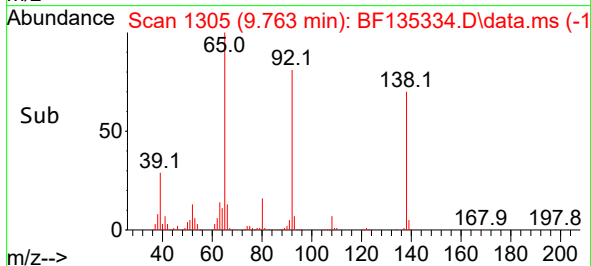
Tgt Ion:138 Resp: 14865
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 114.9 95.4 143.0

Manual Integrations

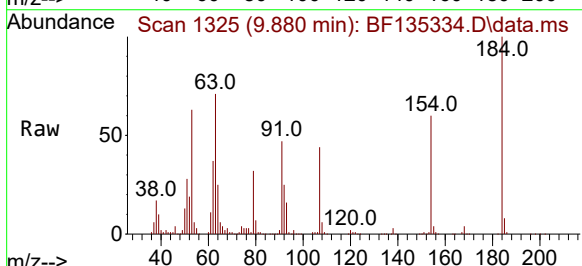
APPROVED

Reviewed By :Yogesh Patel 09/20/2023

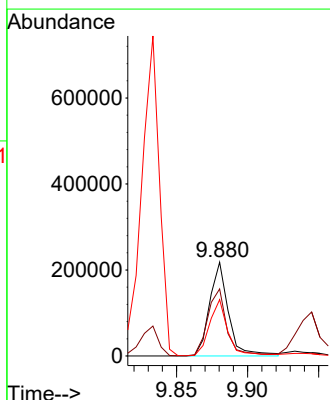
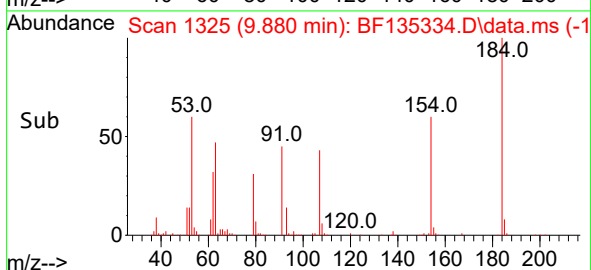
Supervised By :mohammad ahmed 09/20/2023

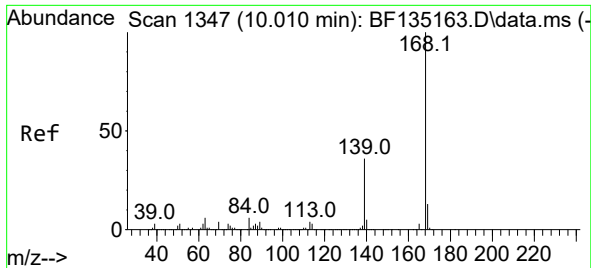


#54
2,4-Dinitrophenol
Concen: 87.879 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43



Tgt Ion:184 Resp: 202331
Ion Ratio Lower Upper
184 100
63 71.4 55.1 82.7
154 60.0 48.4 72.6





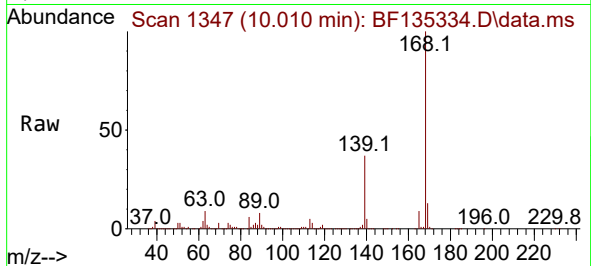
#55
Dibenzenofuran
Concen: 41.962 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS



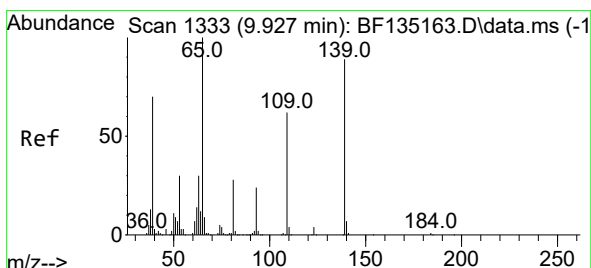
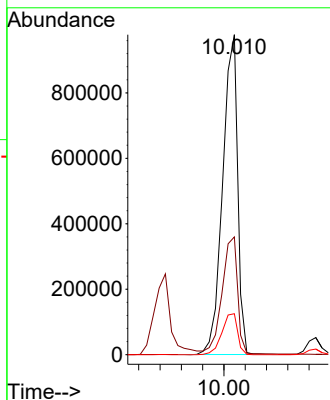
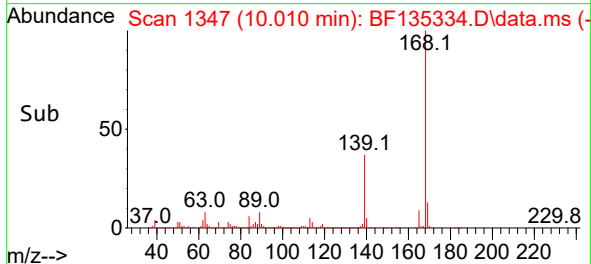
Tgt Ion:168 Resp: 95262
Ion Ratio Lower Upper
168 100
139 36.8 29.0 43.6
169 12.8 10.4 15.6

Manual Integrations

APPROVED

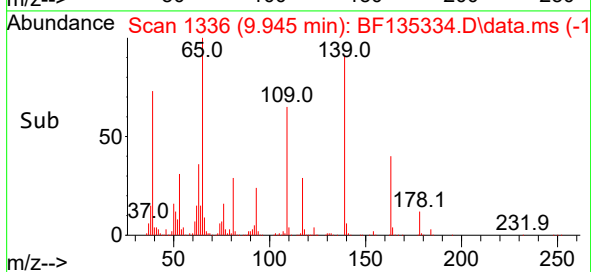
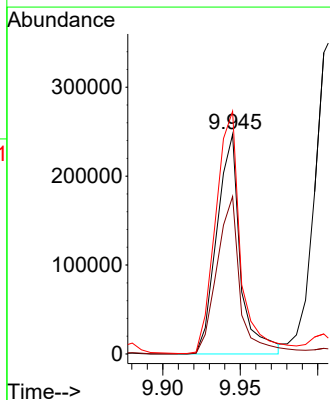
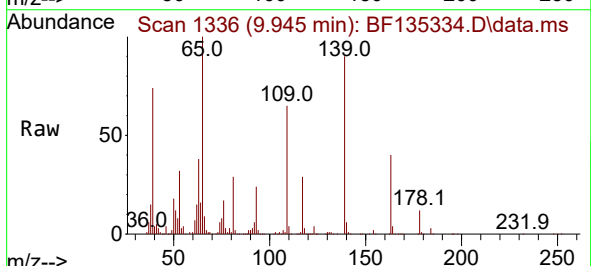
Reviewed By :Yogesh Patel 09/20/2023

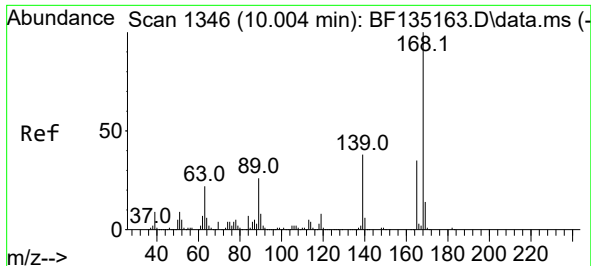
Supervised By :mohammad ahmed 09/20/2023



#56
4-Nitrophenol
Concen: 86.881 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion:139 Resp: 260891
Ion Ratio Lower Upper
139 100
109 71.7 49.8 89.8
65 110.5 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 43.172 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

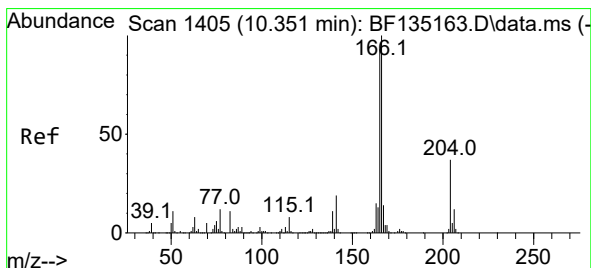
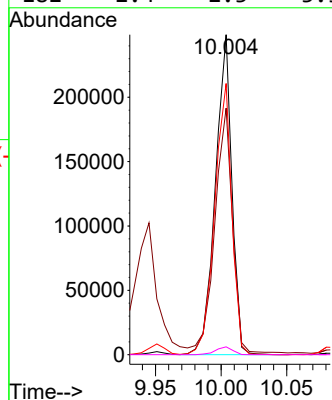
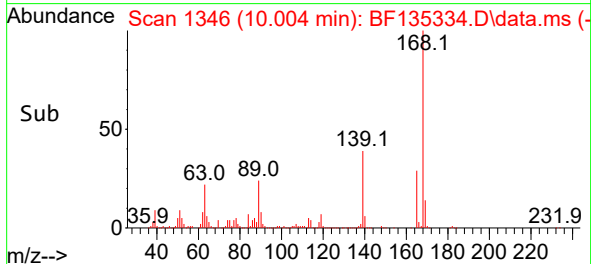
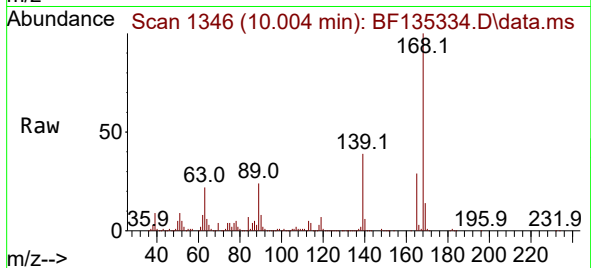
PB155524BS

Tgt Ion:165 Resp: 21754
Ion Ratio Lower Upper
165 100
63 77.0 50.1 75.1
89 84.8 59.3 88.9
182 2.4 2.3 3.5

Manual Integrations

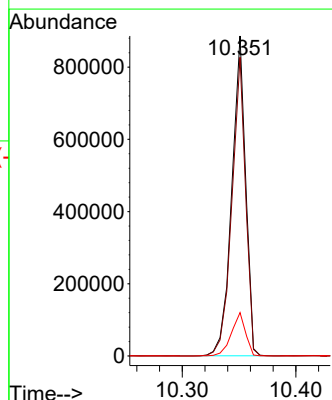
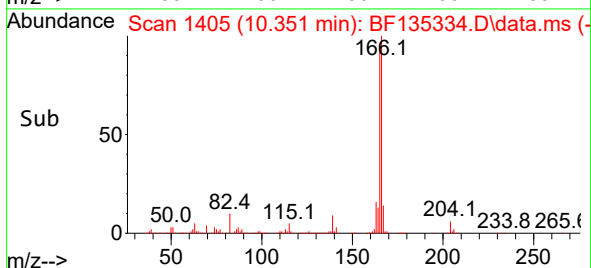
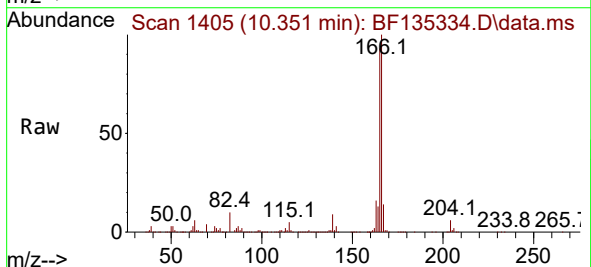
APPROVED

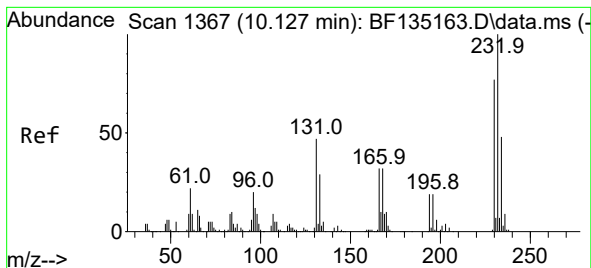
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#58
Fluorene
Concen: 42.935 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

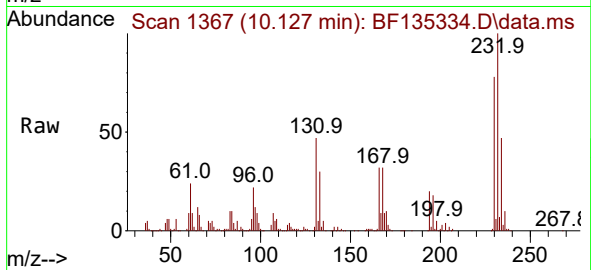
Tgt Ion:166 Resp: 749315
Ion Ratio Lower Upper
166 100
165 93.3 74.3 111.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.303 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

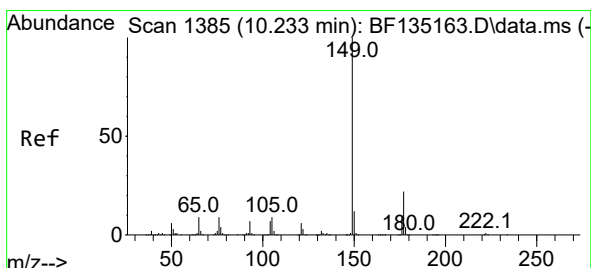
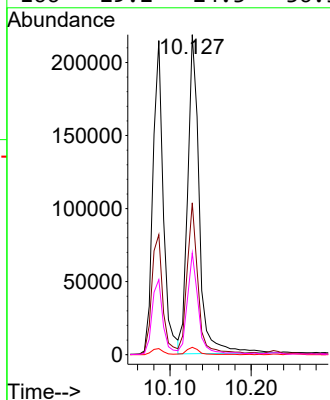
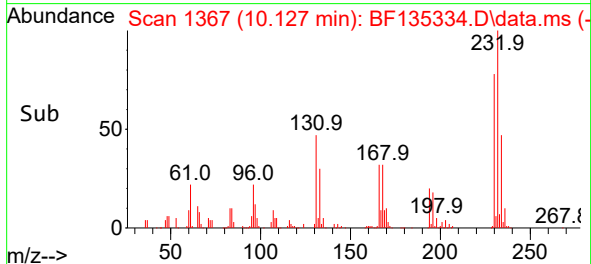
Instrument :
BNA_F
ClientSampleId :
PB155524BS



Tgt Ion:232 Resp: 21601
Ion Ratio Lower Upper
232 100
131 43.2 35.4 53.2
130 2.3 1.8 2.8
166 29.2 24.3 36.5

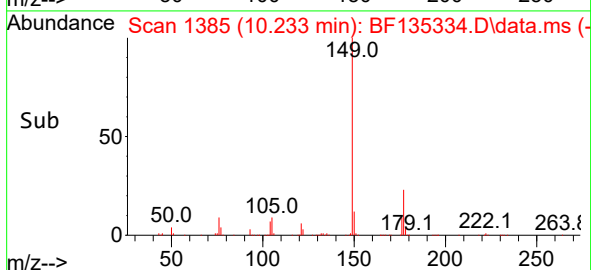
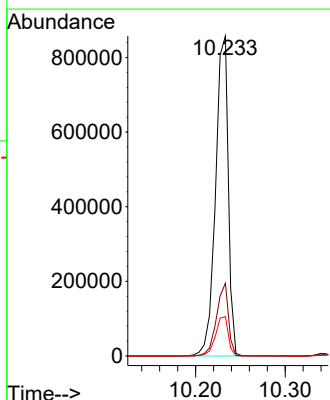
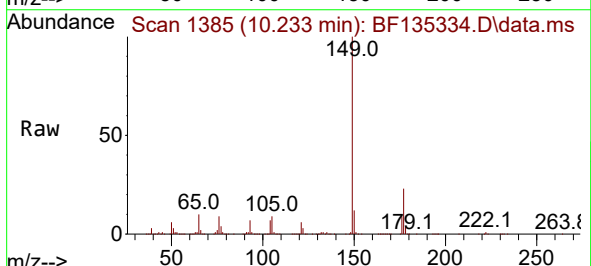
Manual Integrations
APPROVED

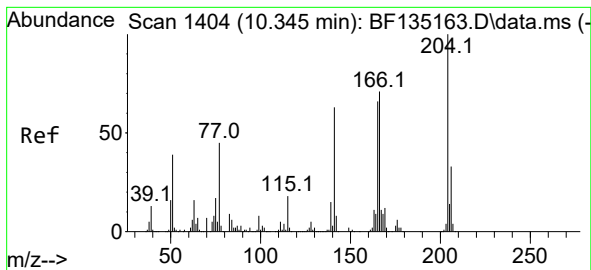
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#60
Diethylphthalate
Concen: 45.835 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion:149 Resp: 845189
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.3 10.0 15.0





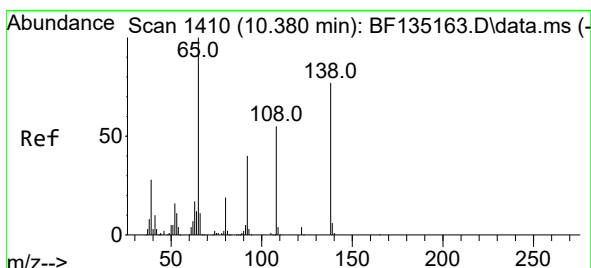
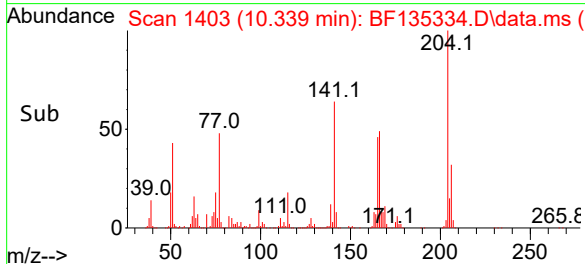
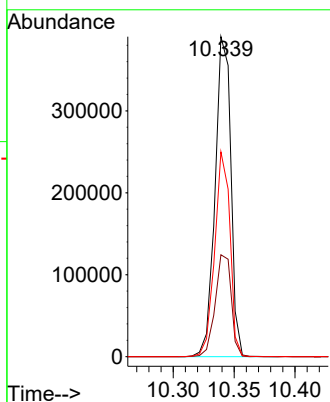
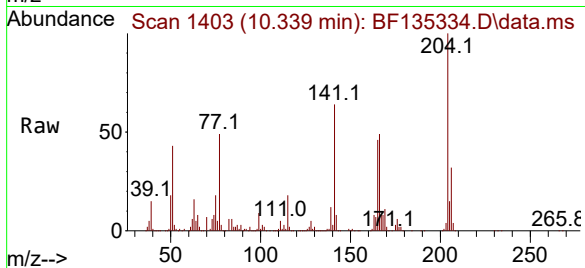
#61
4-Chlorophenyl-phenylether
Concen: 42.009 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :
BNA_F
ClientSampleId :
PB155524BS

Tgt Ion:204 Resp: 35218
Ion Ratio Lower Upper
204 100
206 31.8 26.7 40.1
141 64.0 50.6 75.8

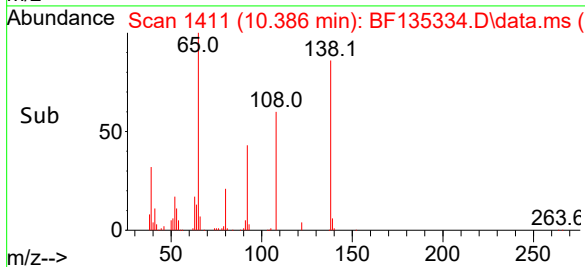
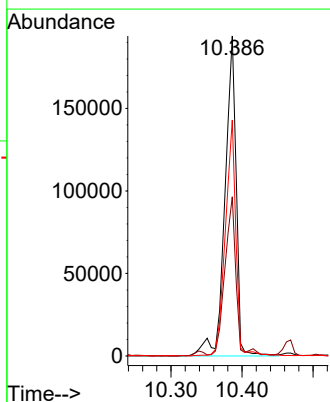
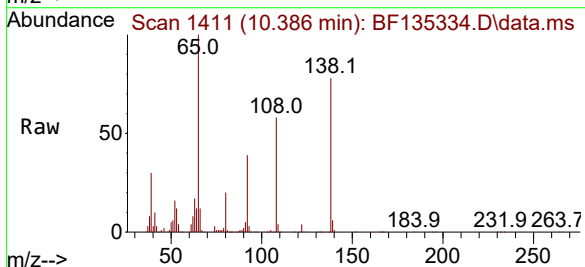
Manual Integrations
APPROVED

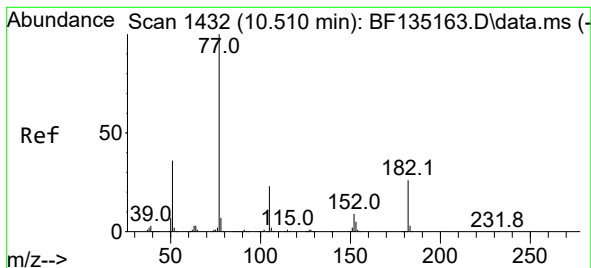
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#62
4-Nitroaniline
Concen: 46.890 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion:138 Resp: 212961
Ion Ratio Lower Upper
138 100
92 49.8 31.8 71.8
108 73.8 52.0 92.0





#63

Azobenzene

Concen: 45.764 ng

RT: 10.504 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion: 77 Resp: 82591

Ion Ratio Lower Upper

77 100

182 23.4 6.4 46.4

105 22.6 3.1 43.1

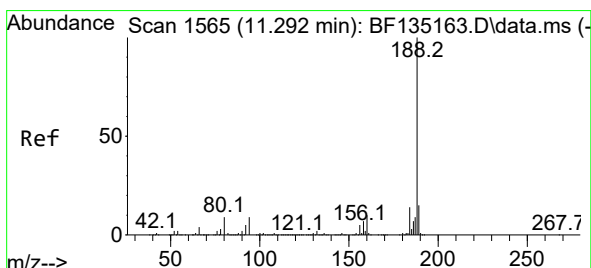
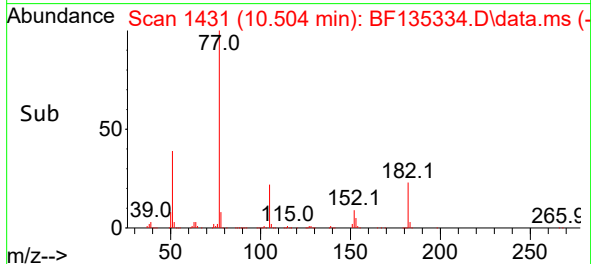
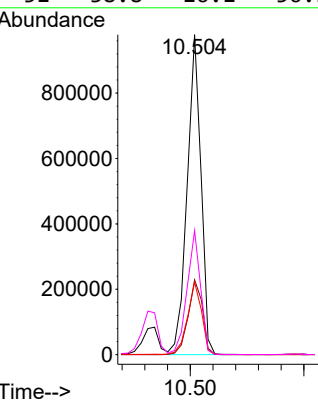
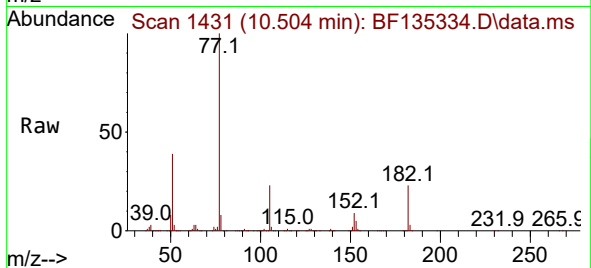
51 38.8 16.1 56.1

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: BF135334.D

Acq: 19 Sep 2023 14:43

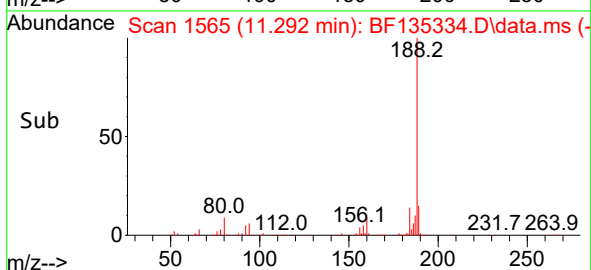
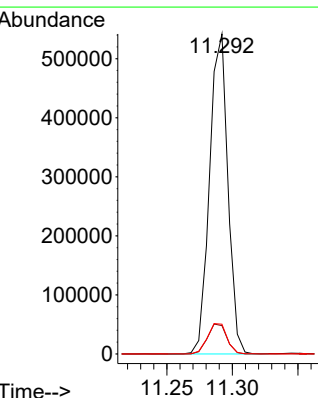
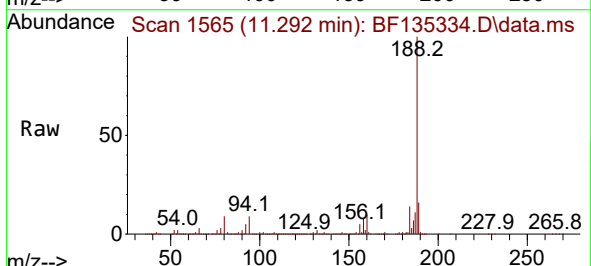
Tgt Ion:188 Resp: 524996

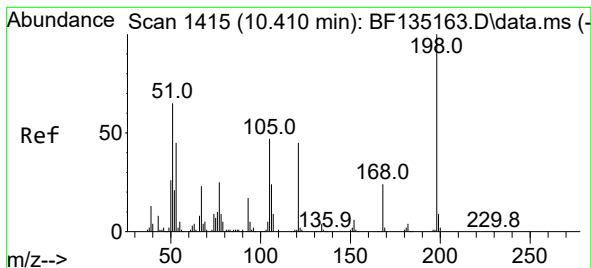
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.3 7.5 11.3





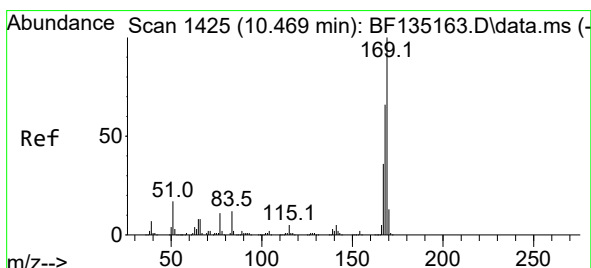
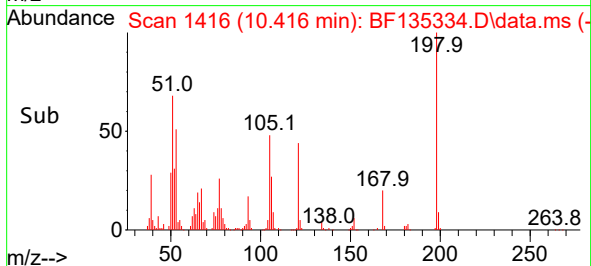
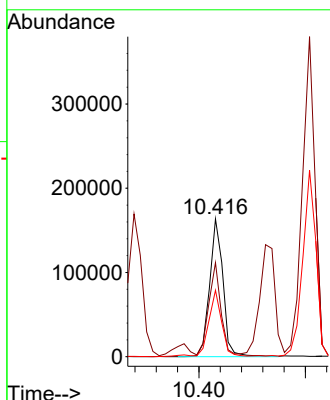
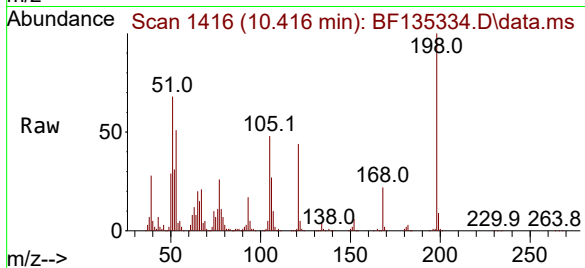
#65
4,6-Dinitro-2-methylphenol
Concen: 51.130 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :
BNA_F
ClientSampleId :
PB155524BS

Tgt Ion:198 Resp: 14257
Ion Ratio Lower Upper
198 100
51 68.3 47.7 87.7
105 48.2 27.4 67.4

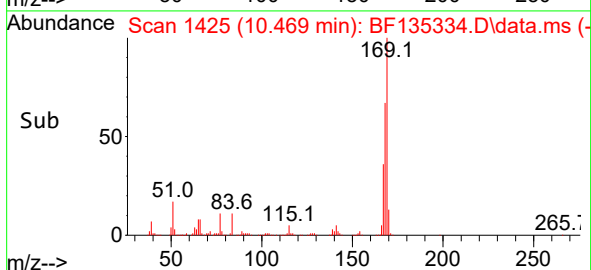
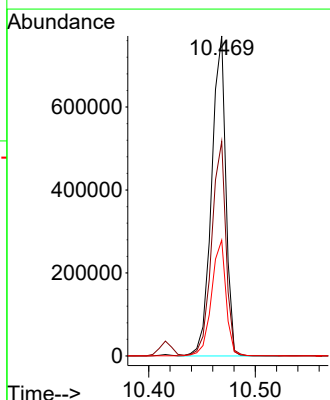
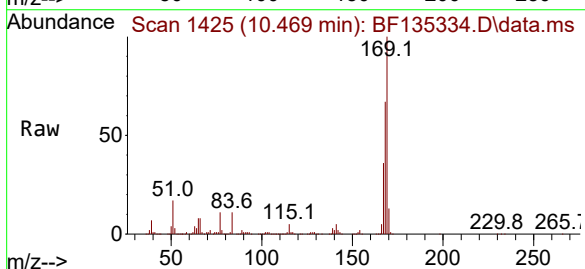
Manual Integrations
APPROVED

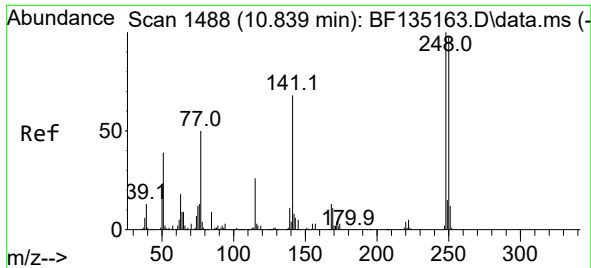
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#66
n-Nitrosodiphenylamine
Concen: 44.876 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion:169 Resp: 713268
Ion Ratio Lower Upper
169 100
168 67.0 52.8 79.2
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 44.575 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

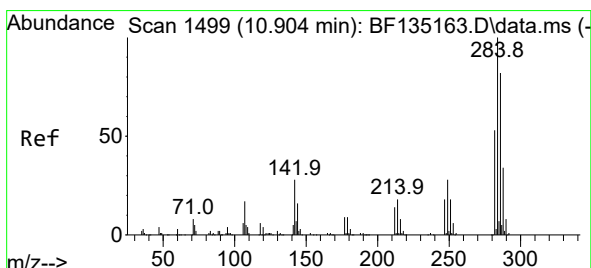
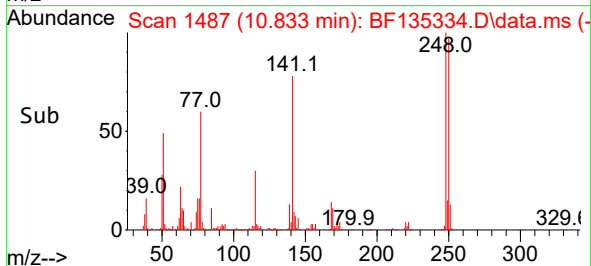
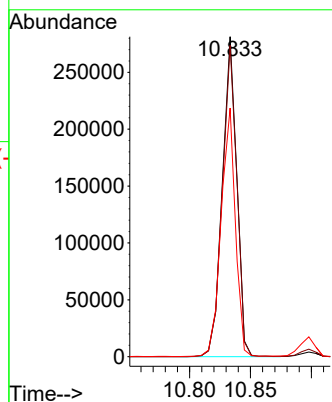
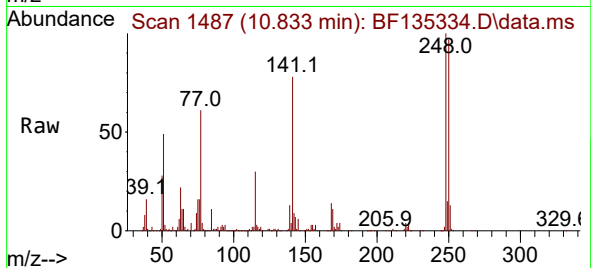
ClientSampleId :

PB155524BS

Tgt Ion:248 Resp: 232740
Ion Ratio Lower Upper
248 100
250 97.3 78.6 117.8
141 77.7 54.2 81.2

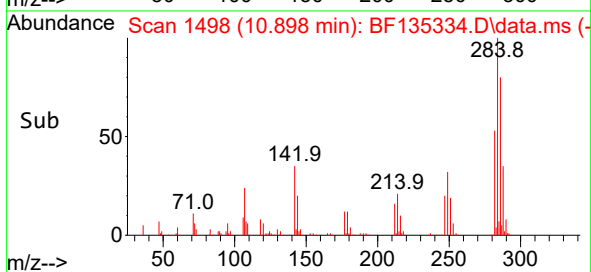
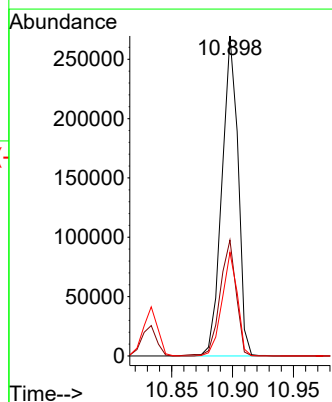
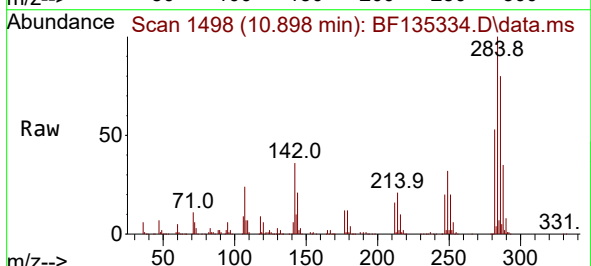
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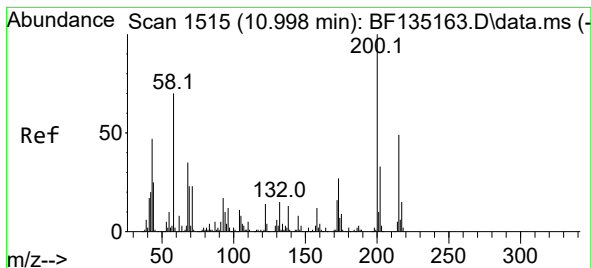
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#68
Hexachlorobenzene
Concen: 46.667 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion:284 Resp: 248246
Ion Ratio Lower Upper
284 100
142 36.2 22.2 33.4#
249 32.4 22.5 33.7





#69

Atrazine

Concen: 56.430 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

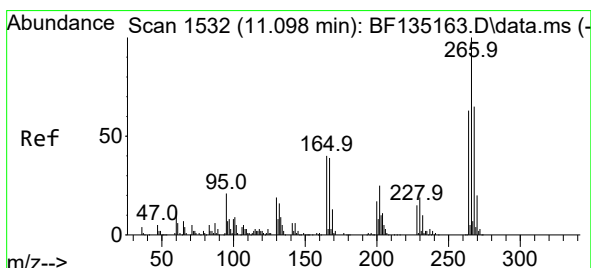
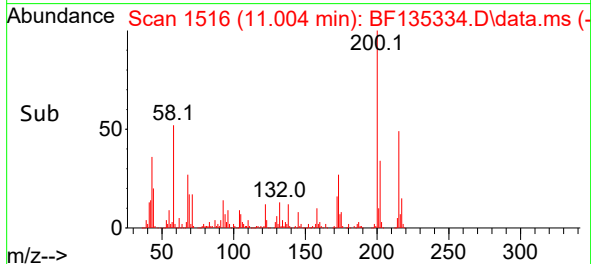
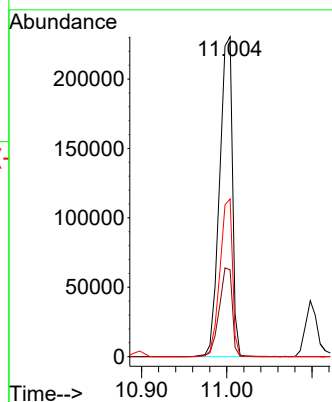
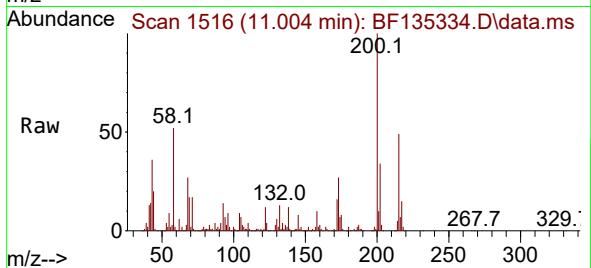
PB155524BS

Tgt Ion:200 Resp: 24133
 Ion Ratio Lower Upper
 200 100
 173 27.1 7.4 47.4
 215 49.3 28.6 68.6

Manual Integrations

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



#70

Pentachlorophenol

Concen: 76.555 ng

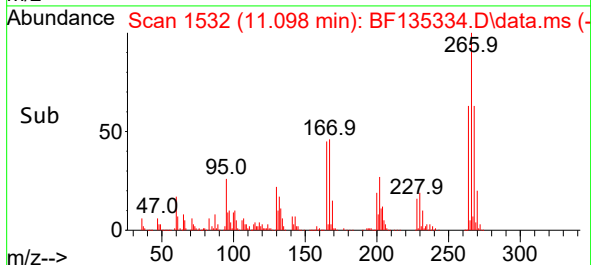
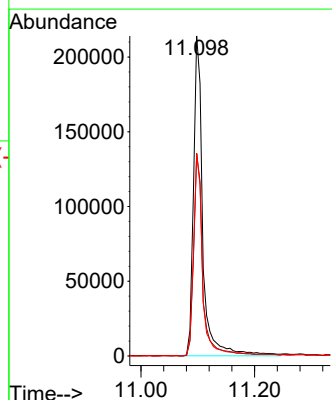
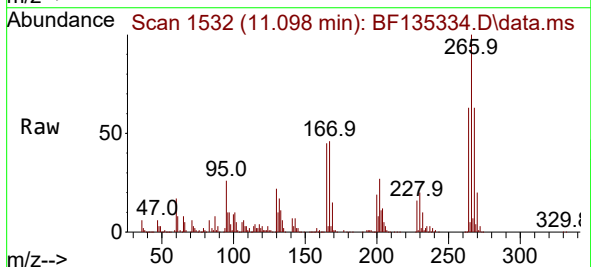
RT: 11.098 min Scan# 1532

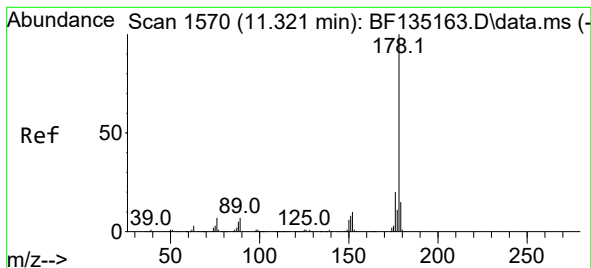
Delta R.T. 0.000 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

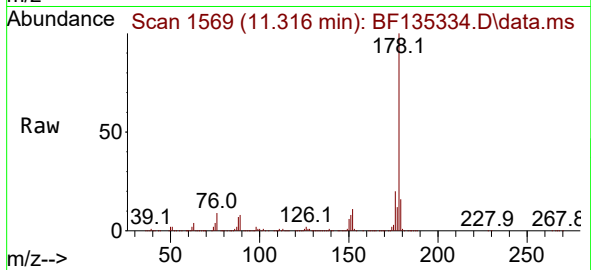
Tgt Ion:266 Resp: 243647
 Ion Ratio Lower Upper
 266 100
 268 63.1 52.1 78.1
 264 63.4 50.8 76.2





#71
Phenanthrene
Concen: 46.112 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

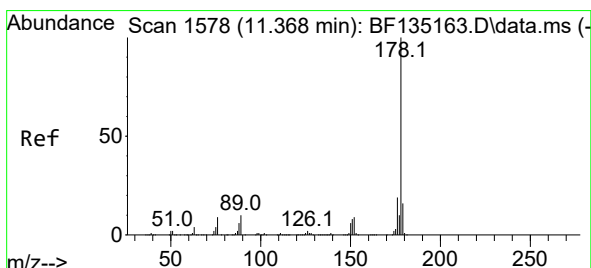
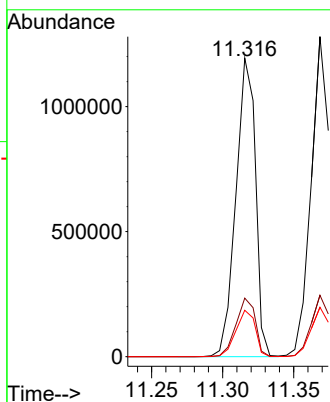
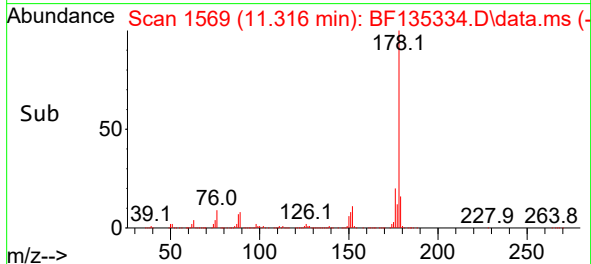
Instrument :
BNA_F
ClientSampleId :
PB155524BS



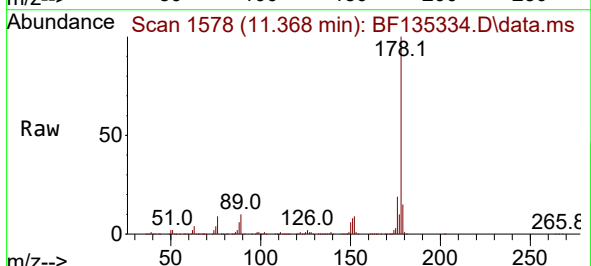
Tgt Ion:178 Resp: 1144979
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.5 12.0 18.0

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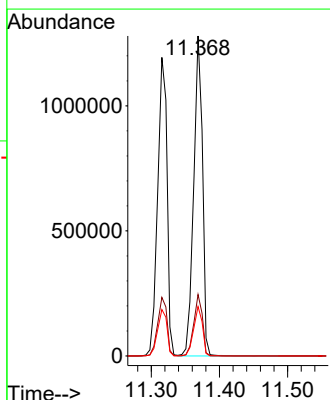
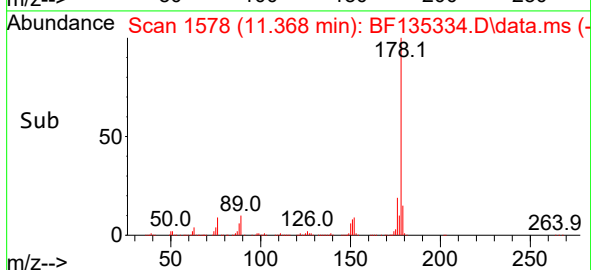
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

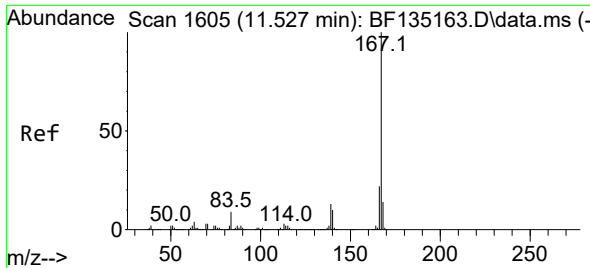


#72
Anthracene
Concen: 44.823 ng
RT: 11.368 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43



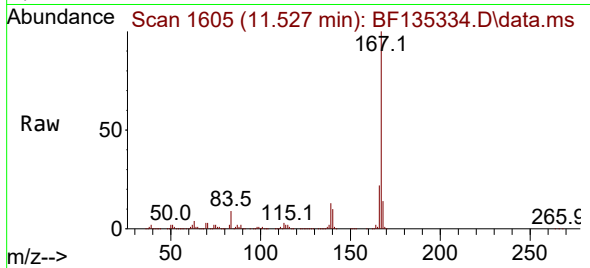
Tgt Ion:178 Resp: 1143994
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.4 12.6 19.0





#73
 Carbazole
 Concen: 47.307 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF135334.D
 Acq: 19 Sep 2023 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB155524BS

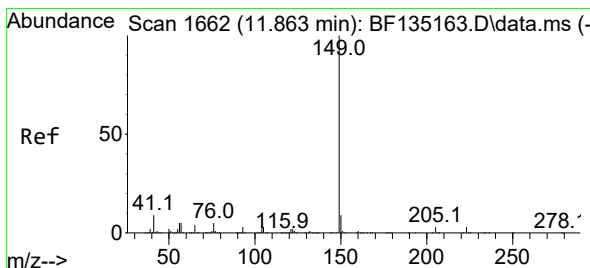
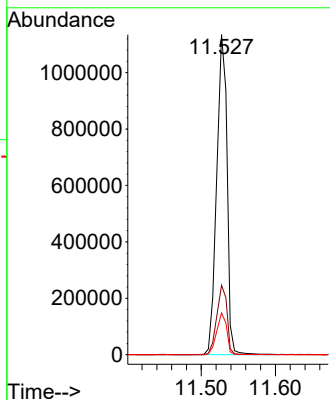
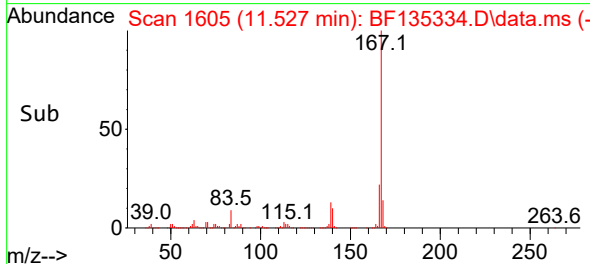


Tgt Ion:167 Resp: 109911

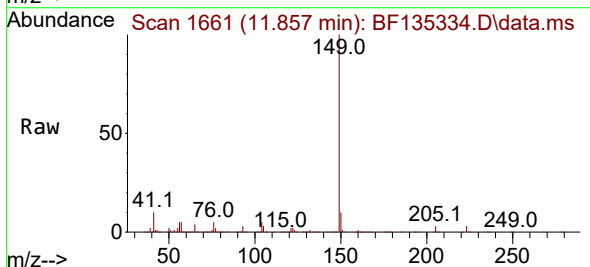
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.0	10.6	15.8

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

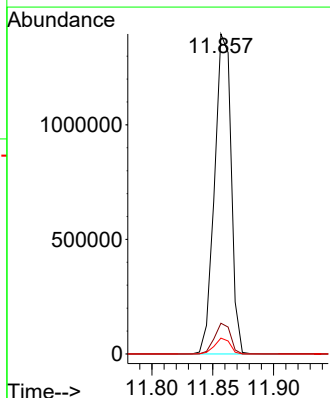
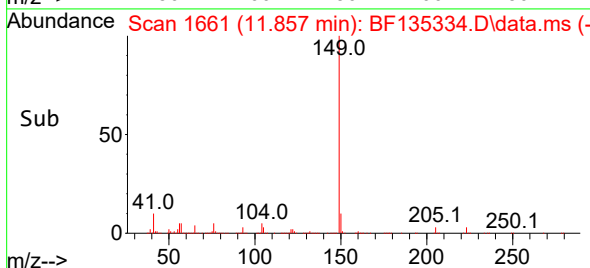


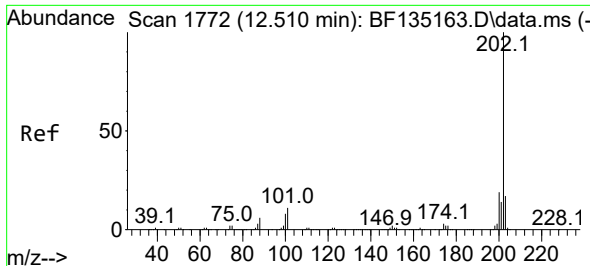
#74
 Di-n-butylphthalate
 Concen: 48.361 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135334.D
 Acq: 19 Sep 2023 14:43



Tgt Ion:149 Resp: 1324015

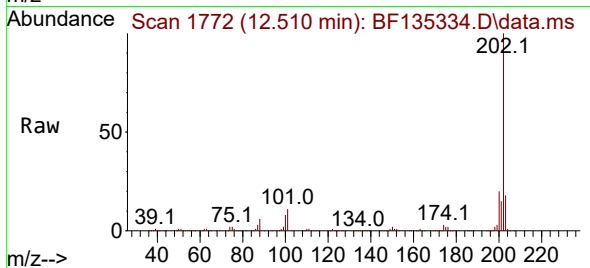
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.0
104	5.0	3.6	5.4





#75
Fluoranthene
Concen: 46.009 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

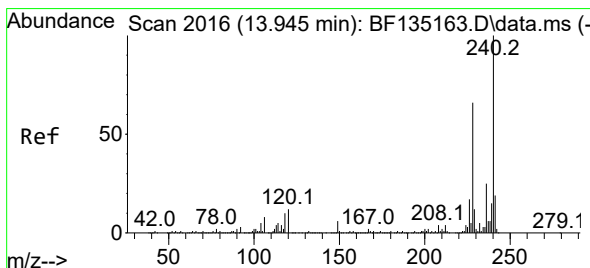
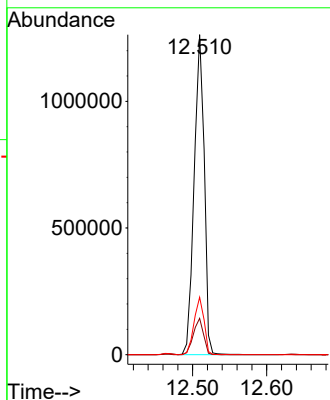
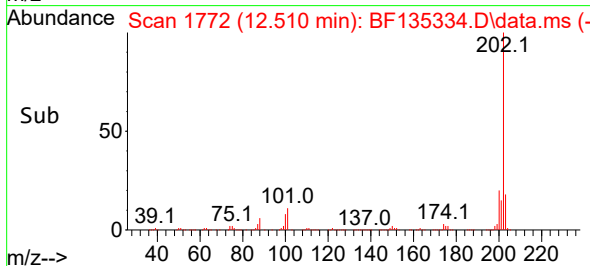
Instrument :
BNA_F
ClientSampleId :
PB155524BS



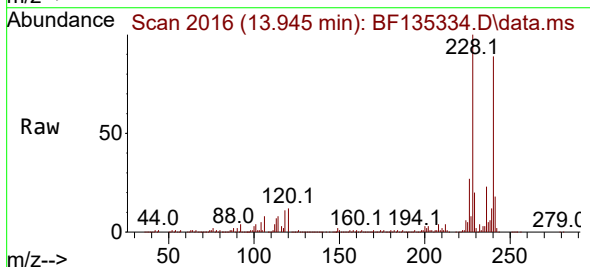
Tgt Ion:202 Resp: 1190384
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.3
203 17.9 0.0 37.4

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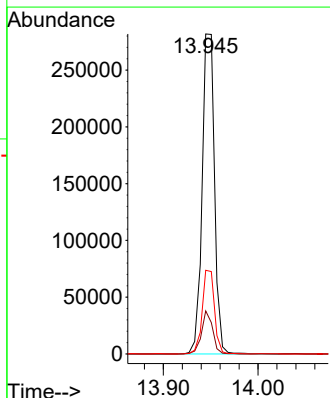
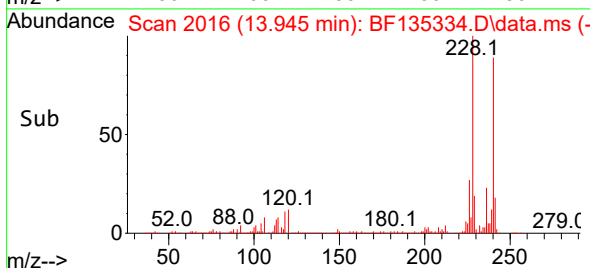
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

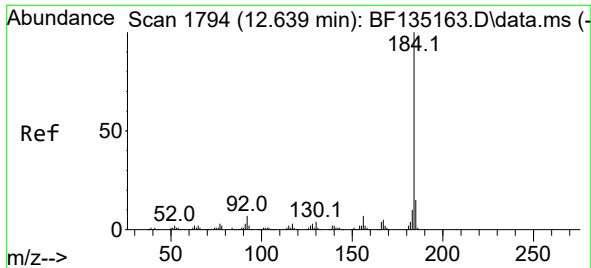


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43



Tgt Ion:240 Resp: 257250
Ion Ratio Lower Upper
240 100
120 13.4 9.4 14.2
236 26.2 19.8 29.8





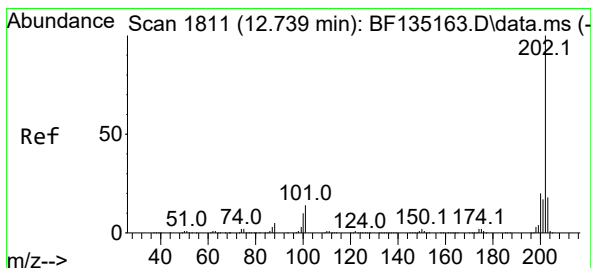
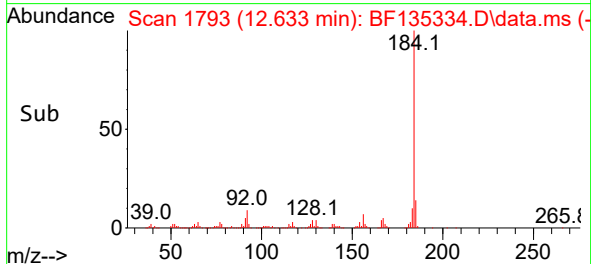
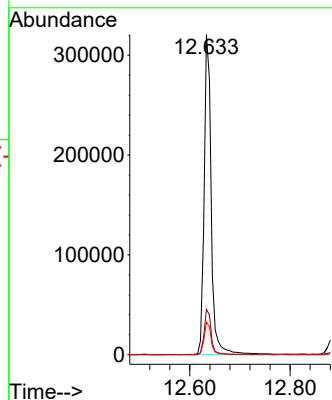
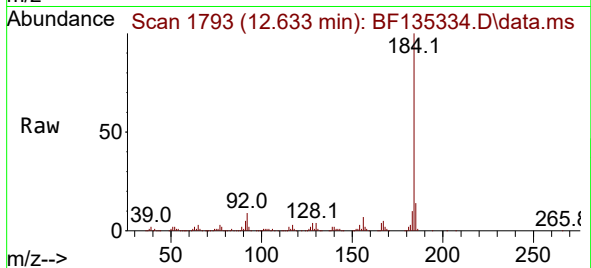
#77
Benzidine
Concen: 59.858 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :
BNA_F
ClientSampleId :
PB155524BS

Tgt Ion:184 Resp: 31546
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.2 8.2 12.4

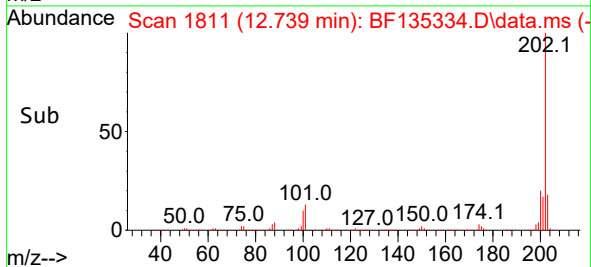
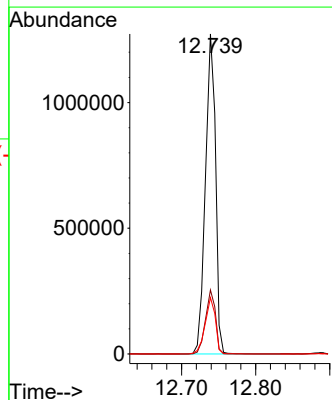
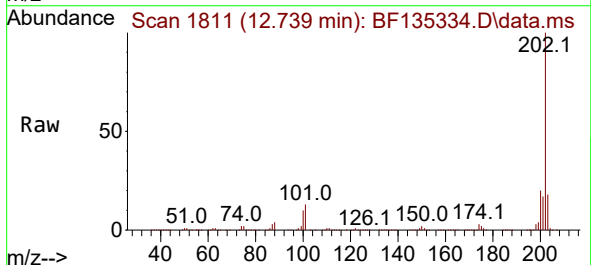
Manual Integrations
APPROVED

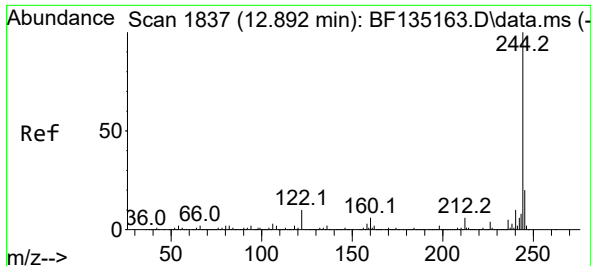
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#78
Pyrene
Concen: 49.473 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion:202 Resp: 1211693
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.6 14.2 21.4





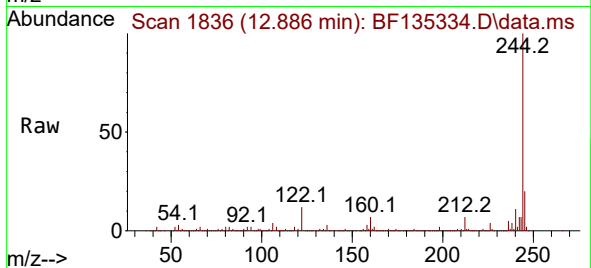
#79
 Terphenyl-d14
 Concen: 91.933 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135334.D
 Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

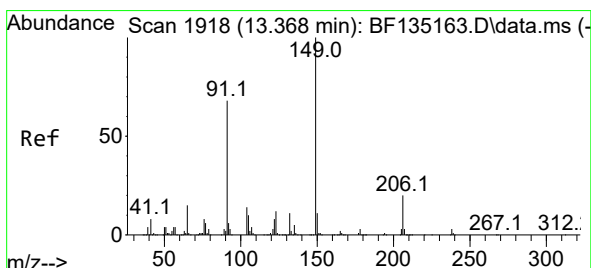
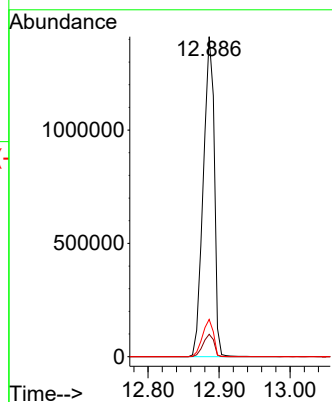
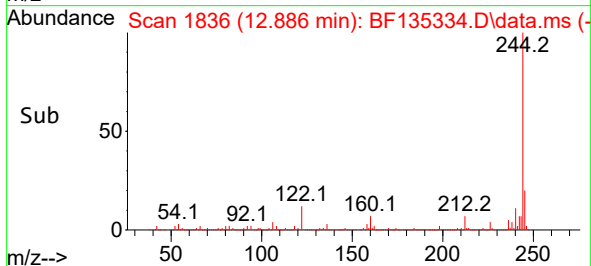


Tgt Ion:244 Resp: 1525599
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.7 7.9 11.9

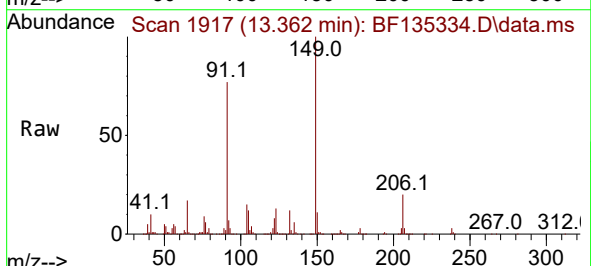
Manual Integrations

APPROVED

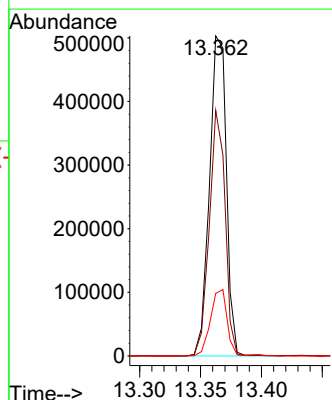
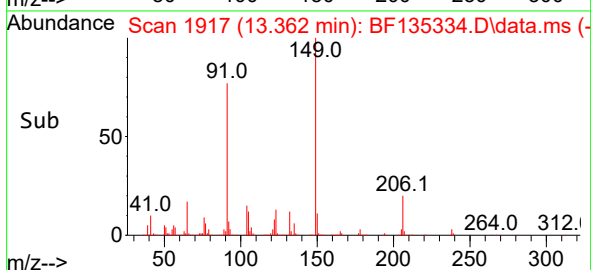
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

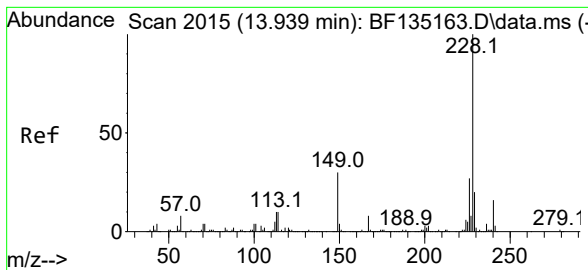


#80
 Butylbenzylphthalate
 Concen: 56.362 ng
 RT: 13.362 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135334.D
 Acq: 19 Sep 2023 14:43



Tgt Ion:149 Resp: 486026
 Ion Ratio Lower Upper
 149 100
 91 76.8 54.7 82.1
 206 19.5 16.3 24.5





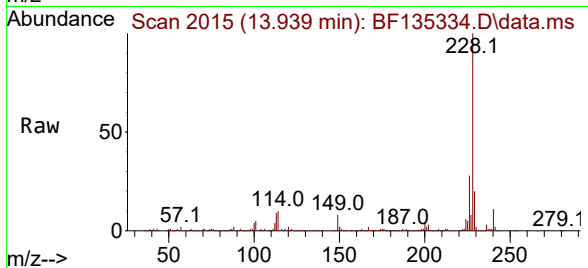
#81
Benzo(a)anthracene
Concen: 45.758 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

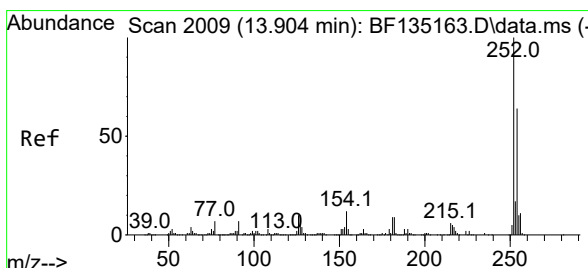
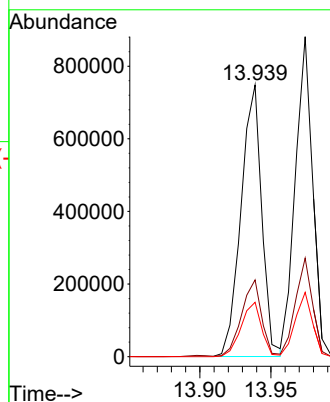
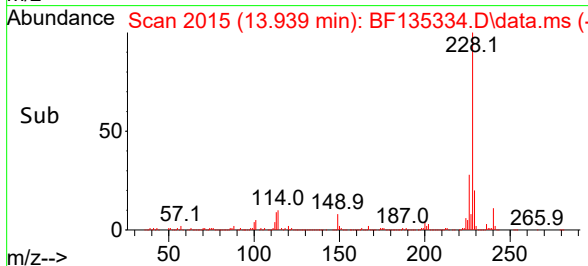


Tgt Ion:228 Resp: 760094
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 20.0 15.8 23.8

Manual Integrations

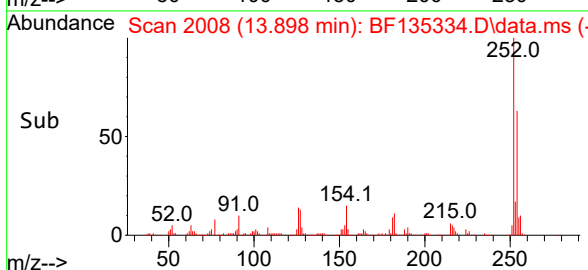
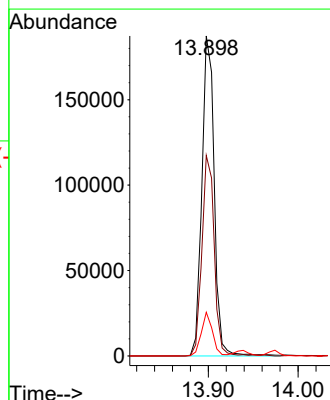
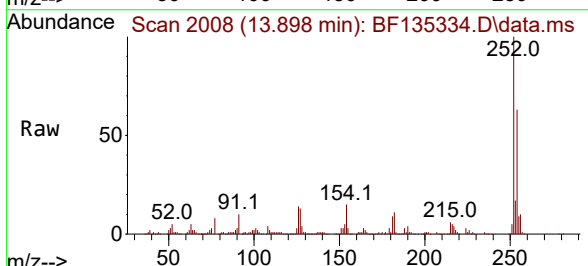
APPROVED

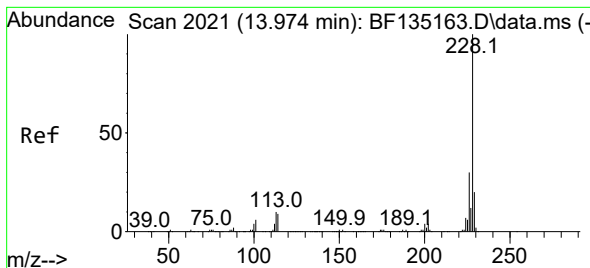
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#82
3,3'-Dichlorobenzidine
Concen: 34.545 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion:252 Resp: 179241
Ion Ratio Lower Upper
252 100
254 62.7 51.0 76.4
126 13.7 7.8 11.8#





#83

Chrysene

Concen: 45.623 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion:228 Resp: 75348

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

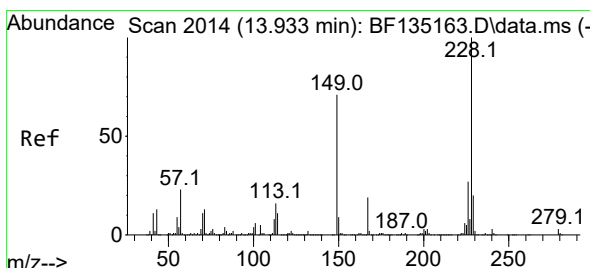
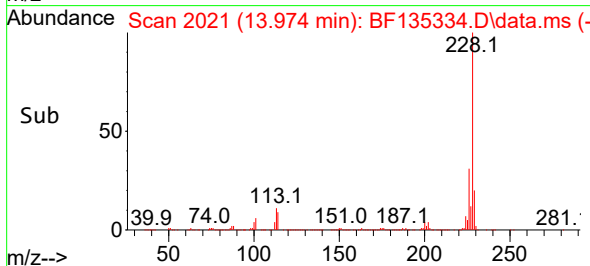
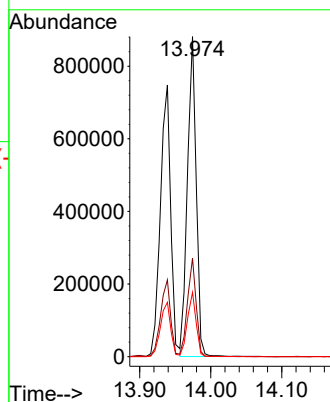
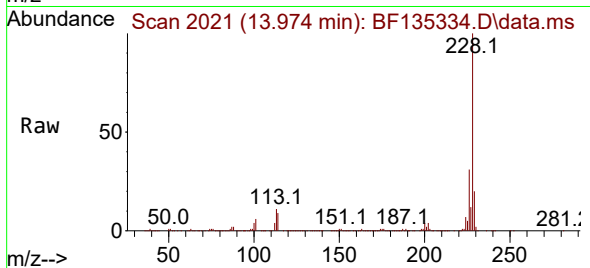
229 20.1 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.636 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

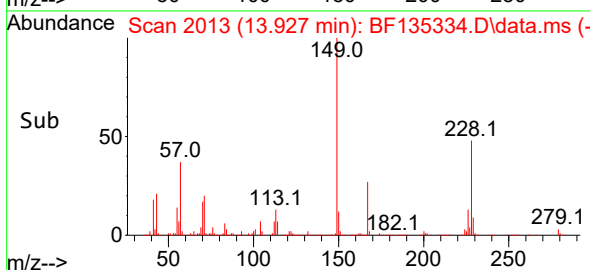
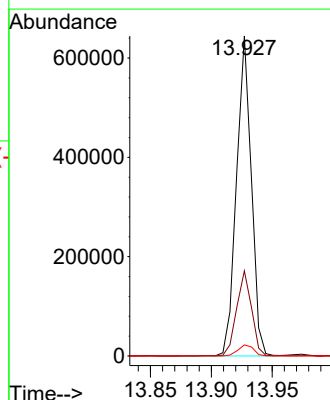
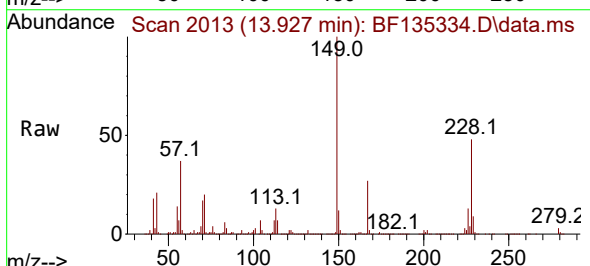
Tgt Ion:149 Resp: 545414

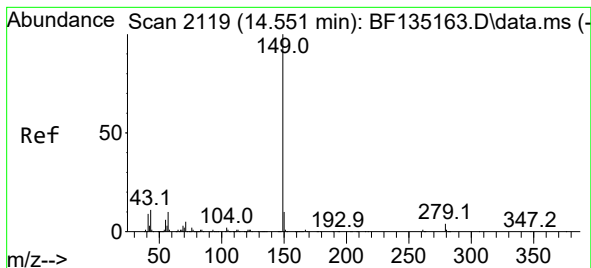
Ion Ratio Lower Upper

149 100

167 26.6 21.9 32.9

279 3.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 59.452 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion:149 Resp: 83605

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

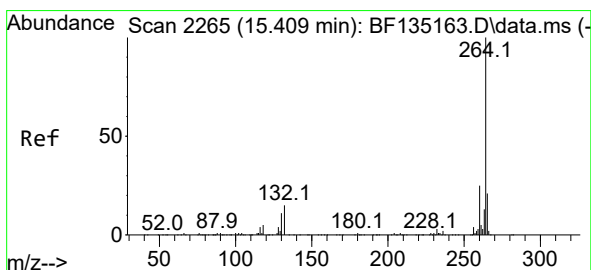
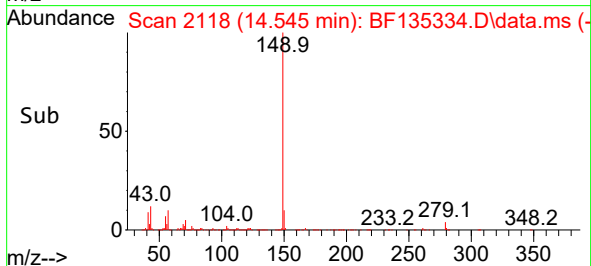
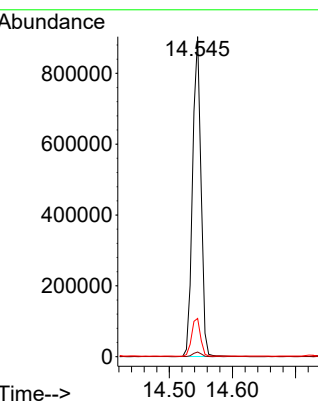
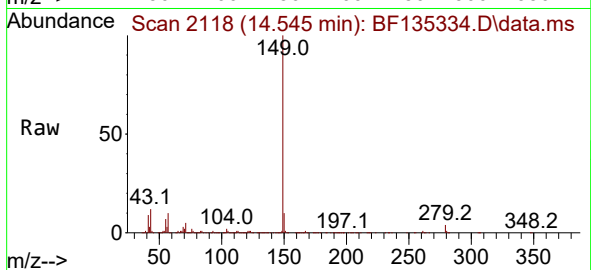
43 12.4 9.8 14.6

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: BF135334.D

Acq: 19 Sep 2023 14:43

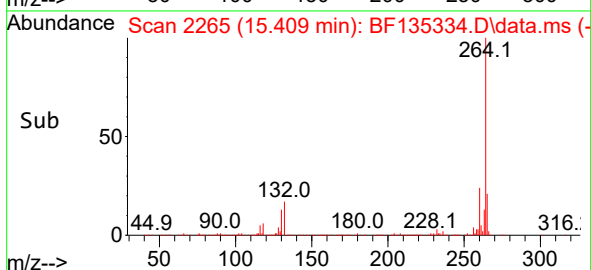
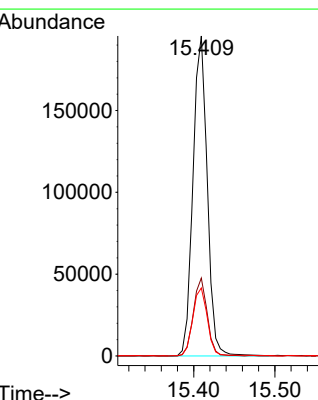
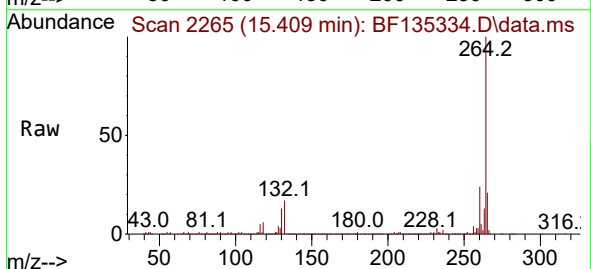
Tgt Ion:264 Resp: 238339

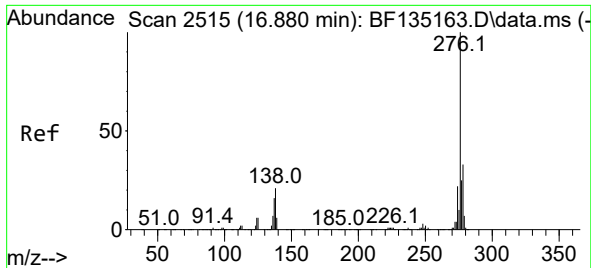
Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 21.3 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.688 ng
 RT: 16.898 min Scan# 2118
 Delta R.T. 0.018 min
 Lab File: BF135334.D
 Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

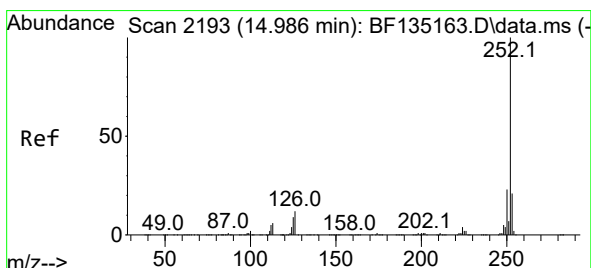
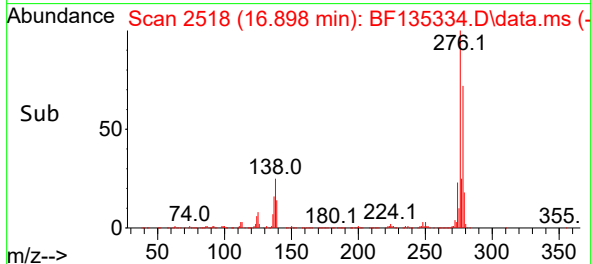
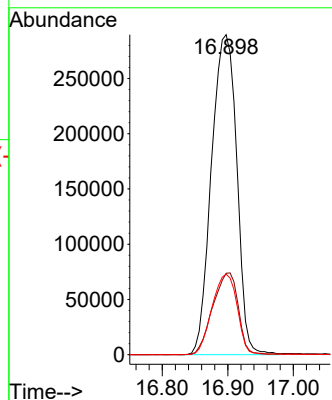
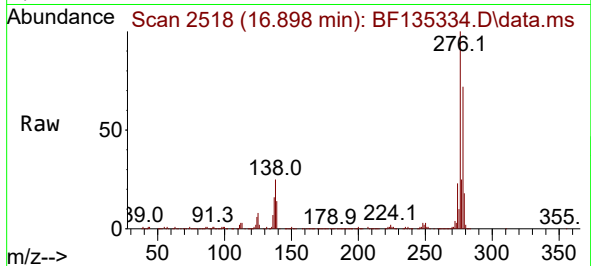
ClientSampleId :

PB155524BS

Tgt Ion:276 Resp: 77648
 Ion Ratio Lower Upper
 276 100
 138 25.8 19.2 28.8
 277 25.1 19.7 29.5

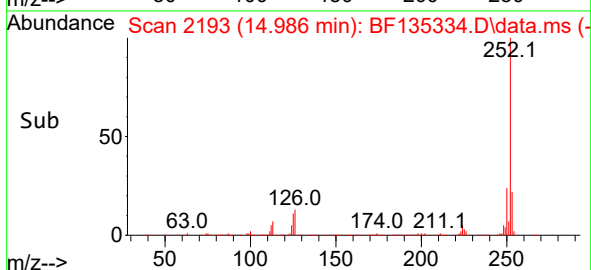
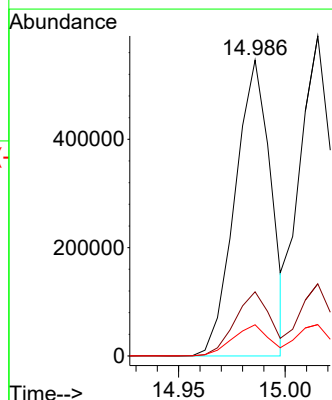
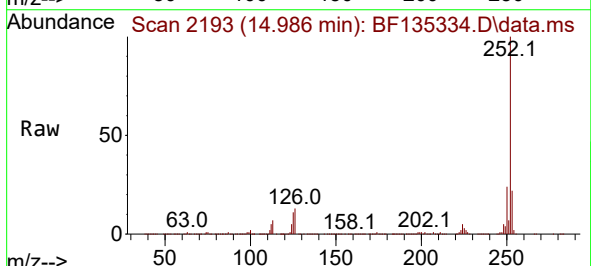
Manual Integrations
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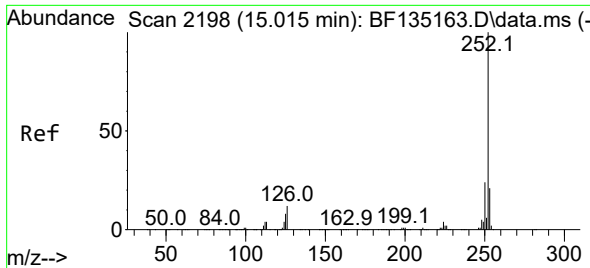
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023



#88
 Benzo(b)fluoranthene
 Concen: 49.649 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BF135334.D
 Acq: 19 Sep 2023 14:43

Tgt Ion:252 Resp: 640573
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 10.6 7.1 10.7





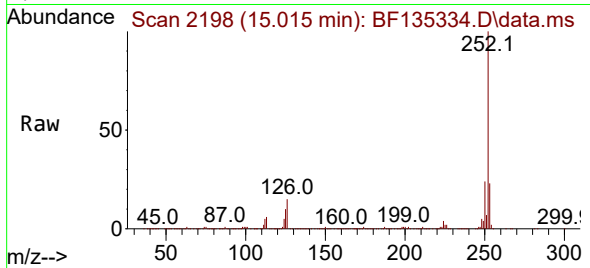
#89
Benzo(k)fluoranthene
Concen: 48.700 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS



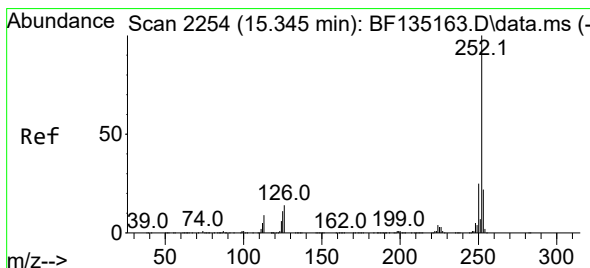
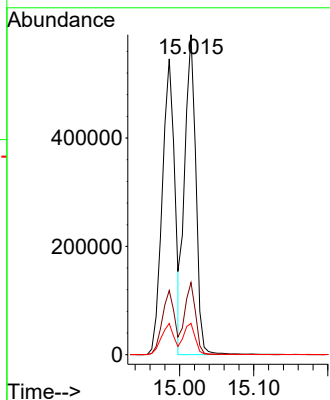
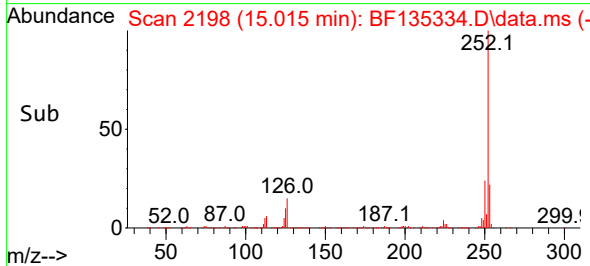
Tgt Ion:252 Resp: 62068
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 9.8 7.2 10.8

Manual Integrations

APPROVED

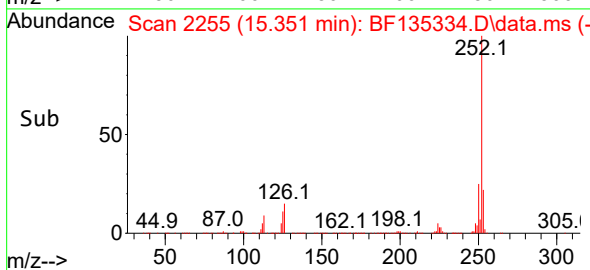
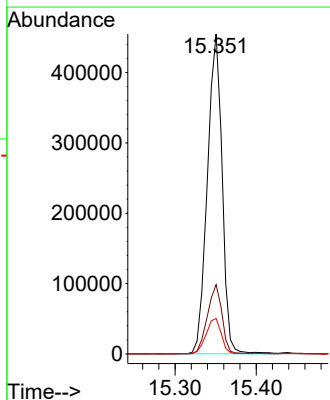
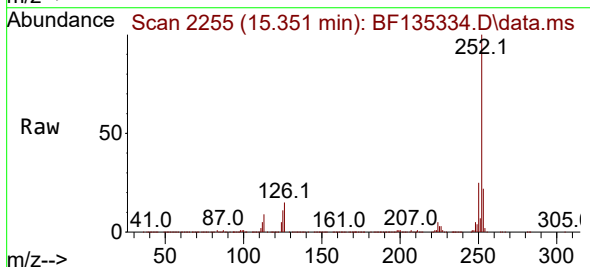
Reviewed By :Yogesh Patel 09/20/2023

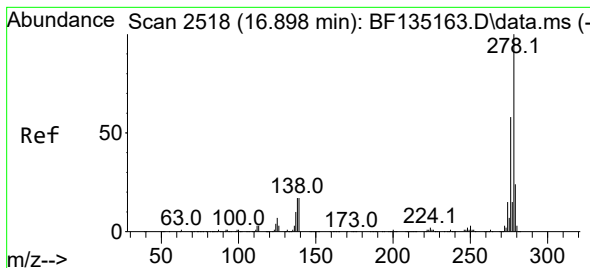
Supervised By :mohammad ahmed 09/20/2023



#90
Benzo(a)pyrene
Concen: 46.581 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135334.D
Acq: 19 Sep 2023 14:43

Tgt Ion:252 Resp: 573124
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.1 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 49.525 ng

RT: 16.909 min Scan# 2520

Delta R.T. 0.012 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion:278 Resp: 63324

Ion Ratio Lower Upper

278 100

139 16.3 13.4 20.0

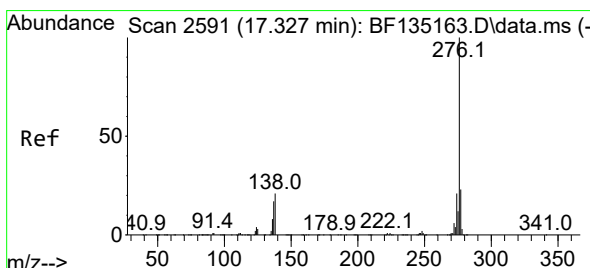
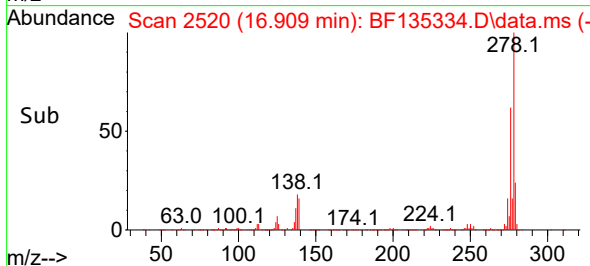
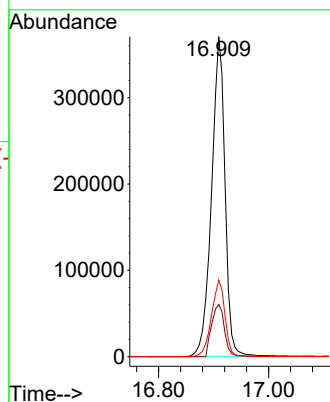
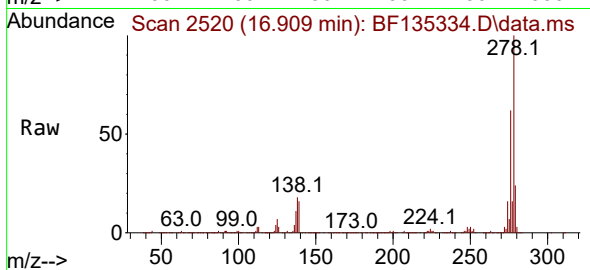
279 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#92

Benzo(g,h,i)perylene

Concen: 49.507 ng

RT: 17.345 min Scan# 2594

Delta R.T. 0.018 min

Lab File: BF135334.D

Acq: 19 Sep 2023 14:43

Tgt Ion:276 Resp: 661101

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 23.2 16.9 25.3

