

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135335.D
 Acq On : 19 Sep 2023 15:14
 Operator : CG\JU
 Sample : PB155570BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155570BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 01:34:45 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	127806	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	499651	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	253110	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	469335	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	209444	20.000	ng	0.00
86) Perylene-d12	15.410	264	250854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1025093	130.452	ng	0.02
7) Phenol-d6	6.410	99	1298027	129.908	ng	0.00
23) Nitrobenzene-d5	7.328	82	841649	91.516	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	306978	122.044	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1434062	85.481	ng	0.00
79) Terphenyl-d14	12.886	244	1325863	98.133	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	145930	42.363	ng	98
3) Pyridine	3.328	79	381699	41.170	ng	98
4) n-Nitrosodimethylamine	3.287	42	259457	52.737	ng	93
6) Aniline	6.428	93	414317	31.621	ng	# 67
8) 2-Chlorophenol	6.545	128	427715	50.989	ng	99
9) Benzaldehyde	6.310	77	89849	15.785	ng	98
10) Phenol	6.422	94	477775	43.606	ng	81
11) bis(2-Chloroethyl)ether	6.504	93	402769	49.007	ng	99
12) 1,3-Dichlorobenzene	6.698	146	413998	48.562	ng	99
13) 1,4-Dichlorobenzene	6.775	146	424570	48.951	ng	98
14) 1,2-Dichlorobenzene	6.928	146	398272	49.446	ng	98
15) Benzyl Alcohol	6.910	79	345418	48.175	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.034	45	776651	50.135	ng	90
17) 2-Methylphenol	7.022	107	335619	45.339	ng	96
18) Hexachloroethane	7.263	117	160822	50.182	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	277679	44.867	ng	94
20) 3+4-Methylphenols	7.175	107	381827	42.896	ng	95
22) Acetophenone	7.169	105	542229	47.467	ng	# 98
24) Nitrobenzene	7.345	77	436860	48.060	ng	99
25) Isophorone	7.587	82	824226	48.807	ng	100
26) 2-Nitrophenol	7.657	139	229529	52.612	ng	99
27) 2,4-Dimethylphenol	7.704	122	333701	45.506	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	504501	49.912	ng	99
29) 2,4-Dichlorophenol	7.904	162	341942	50.322	ng	96
30) 1,2,4-Trichlorobenzene	7.981	180	351201	49.448	ng	99
31) Naphthalene	8.063	128	1173901	48.355	ng	99
32) Benzoic acid	7.851	122	282000	51.069	ng	99
33) 4-Chloroaniline	8.116	127	265244	24.903	ng	99
34) Hexachlorobutadiene	8.175	225	203556	47.531	ng	99
35) Caprolactam	8.492	113	122884m	53.884	ng	
36) 4-Chloro-3-methylphenol	8.610	107	376637	49.871	ng	97
37) 2-Methylnaphthalene	8.751	142	737968	45.222	ng	100
38) 1-Methylnaphthalene	8.851	142	709048	46.409	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	346066	47.194	ng	99
41) Hexachlorocyclopentadiene	8.904	237	262912	81.244	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	232169	48.357	ng	99

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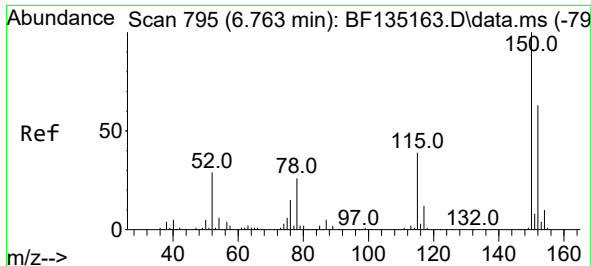
Manual Integrations
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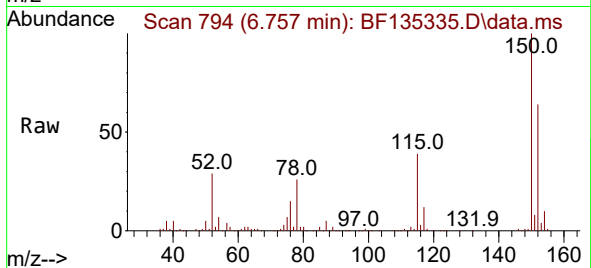
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	255150	46.148	ng	98
46) 1,1'-Biphenyl	9.222	154	917893	47.190	ng	98
47) 2-Chloronaphthalene	9.245	162	693402	49.132	ng	98
48) 2-Nitroaniline	9.351	65	273547	49.892	ng	99
49) Acenaphthylene	9.663	152	1135762	48.424	ng	100
50) Dimethylphthalate	9.528	163	823619	48.129	ng	100
51) 2,6-Dinitrotoluene	9.592	165	185902	49.589	ng	98
52) Acenaphthene	9.833	154	658833	47.550	ng	97
53) 3-Nitroaniline	9.763	138	143870	32.694	ng	95
54) 2,4-Dinitrophenol	9.881	184	201983	93.744	ng	98
55) Dibenzofuran	10.004	168	956886	45.257	ng	97
56) 4-Nitrophenol	9.945	139	249146	89.084	ng	98
57) 2,4-Dinitrotoluene	10.004	165	214471	45.698	ng #	84
58) Fluorene	10.351	166	746960	45.954	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	211705	49.776	ng	100
60) Diethylphthalate	10.228	149	826409	48.119	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	351883	45.067	ng	99
62) 4-Nitroaniline	10.386	138	203063	48.006	ng	97
63) Azobenzene	10.504	77	808405	48.095	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	128957	51.732	ng	96
66) n-Nitrosodiphenylamine	10.469	169	699742	49.247	ng	98
67) 4-Bromophenyl-phenylether	10.833	248	225436	48.295	ng	94
68) Hexachlorobenzene	10.898	284	242045	50.898	ng #	87
69) Atrazine	10.998	200	217492	56.887	ng	100
70) Pentachlorophenol	11.098	266	240365	84.481	ng	98
71) Phenanthrene	11.316	178	1104596	49.762	ng	100
72) Anthracene	11.369	178	1119040	49.045	ng	99
73) Carbazole	11.527	167	1035411	49.850	ng	100
74) Di-n-butylphthalate	11.857	149	1238125	50.588	ng	99
75) Fluoranthene	12.510	202	1101744	47.633	ng	99
77) Benzidine	12.633	184	378075	88.112	ng	99
78) Pyrene	12.739	202	1084395	54.381	ng	99
80) Butylbenzylphthalate	13.363	149	409416	58.315	ng	95
81) Benzo(a)anthracene	13.939	228	679446	50.239	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	203921	48.272	ng #	99
83) Chrysene	13.974	228	679304	50.520	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	452136	62.757	ng	99
85) Di-n-octyl phthalate	14.545	149	721812	63.044	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	811693	49.350	ng	98
88) Benzo(b)fluoranthene	14.986	252	643575	47.393	ng	98
89) Benzo(k)fluoranthene	15.015	252	614007	45.773	ng	99
90) Benzo(a)pyrene	15.351	252	601411	46.441	ng	100
91) Dibenzo(a,h)anthracene	16.909	278	648391	48.180	ng	99
92) Benzo(g,h,i)perylene	17.345	276	672239	47.830	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

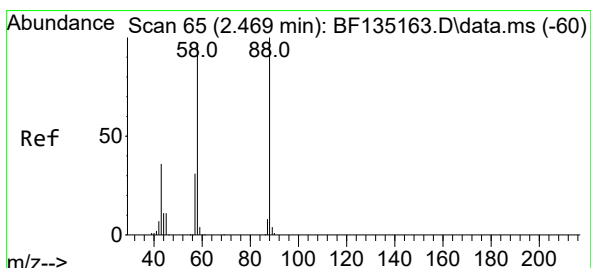
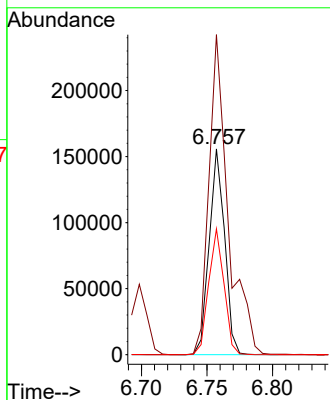
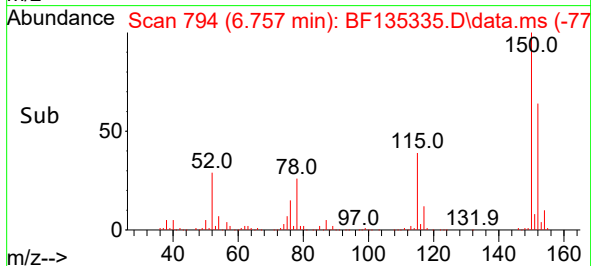
Instrument :
BNA_F
ClientSampleId :
PB155570BS



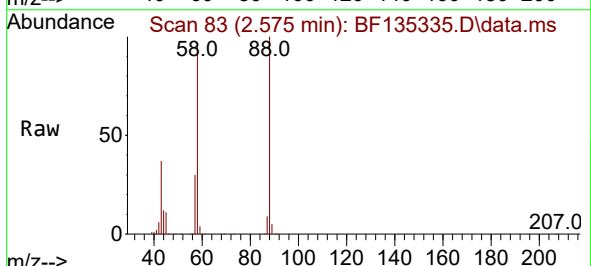
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Ion Ratio Lower Upper
152 100
150 155.5 127.8 191.6
115 61.2 49.8 74.8

Manual Integrations
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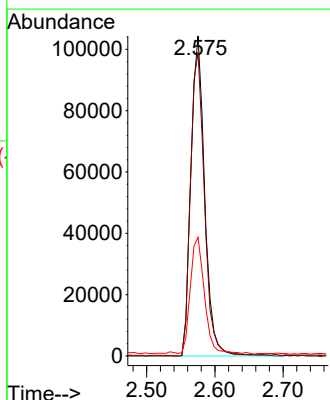
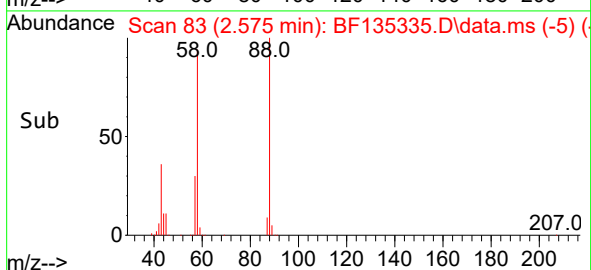
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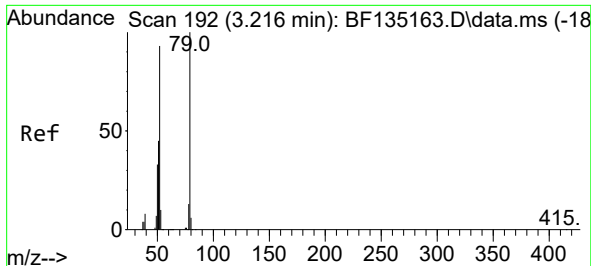


#2
1,4-Dioxane
Concen: 42.363 ng
RT: 2.575 min Scan# 83
Delta R.T. 0.106 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



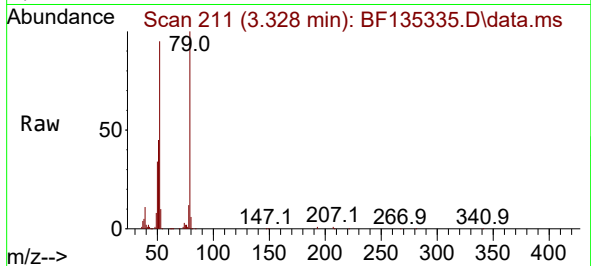
Tgt Ion: 88 Resp: 145930
Ion Ratio Lower Upper
88 100
58 95.9 78.3 117.5
43 37.7 29.4 44.0





#3
Pyridine
Concen: 41.170 ng
RT: 3.328 min Scan# 204
Delta R.T. 0.112 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

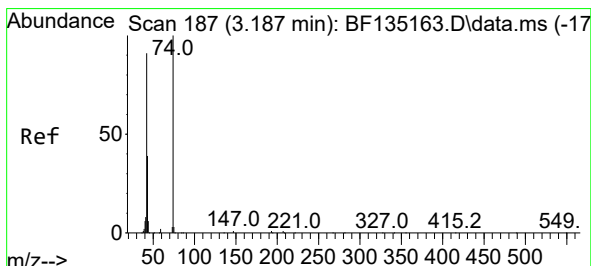
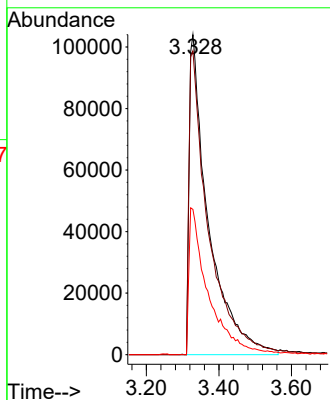
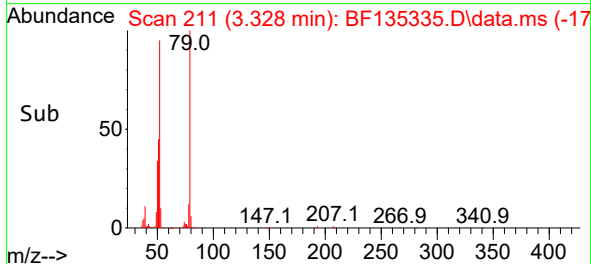
Instrument :
BNA_F
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PB155570BS



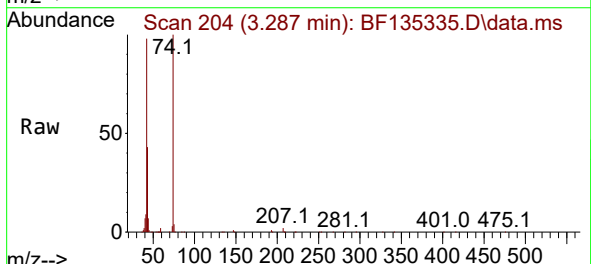
Tgt Ion: 79 Resp: 381699
Ion Ratio Lower Upper
79 100
52 94.9 74.1 111.1
51 45.4 35.8 53.8

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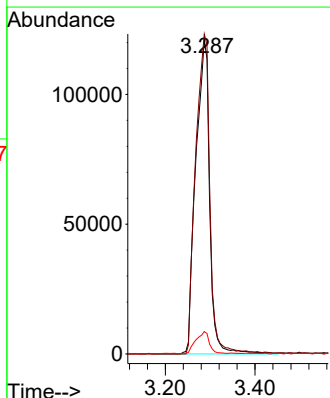
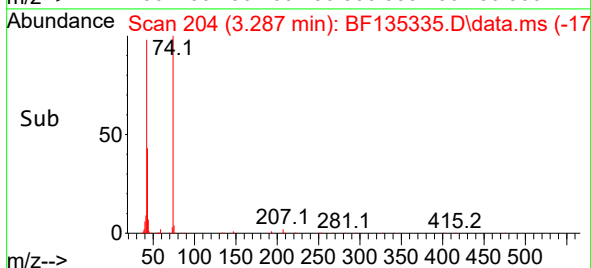
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

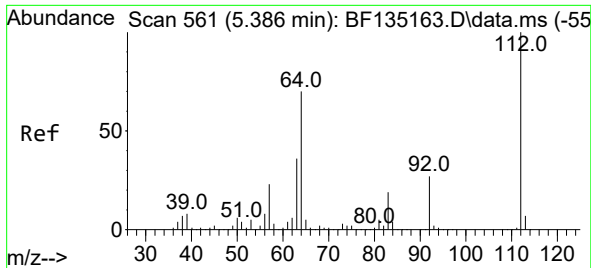


#4
n-Nitrosodimethylamine
Concen: 52.737 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.100 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



Tgt Ion: 42 Resp: 259457
Ion Ratio Lower Upper
42 100
74 101.8 87.7 131.5
44 7.1 5.6 8.4





#5
2-Fluorophenol
Concen: 130.452 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

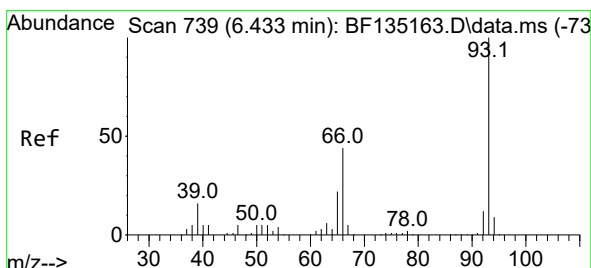
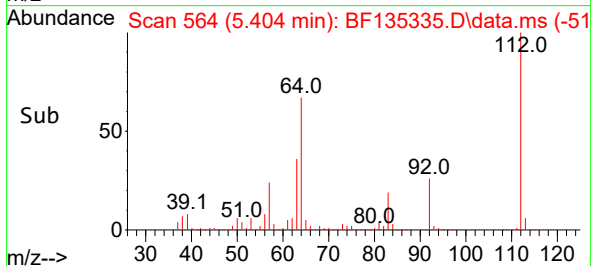
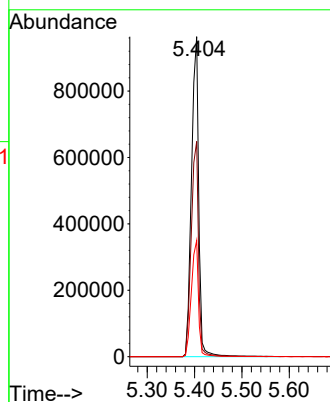
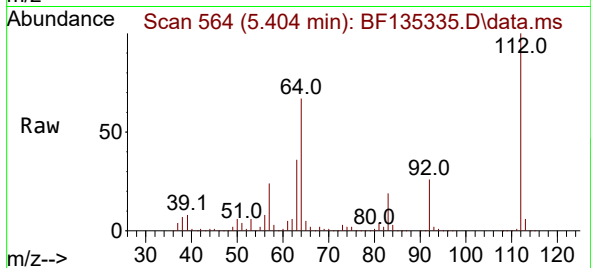
PB155570BS

Tgt Ion:112 Resp: 102509
Ion Ratio Lower Upper
112 100
64 67.2 55.9 83.9
63 36.3 29.0 43.6

Manual Integrations

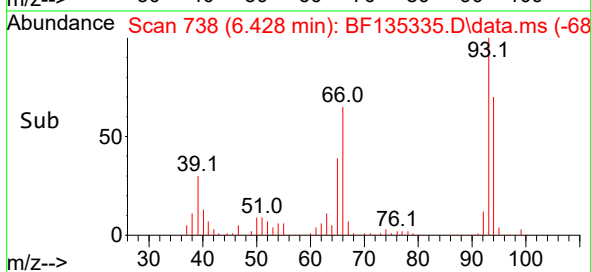
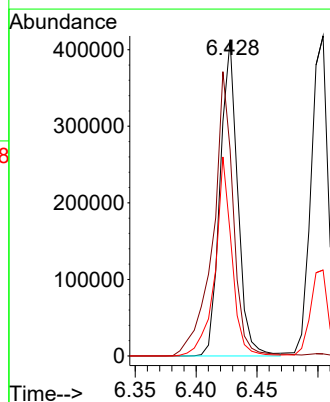
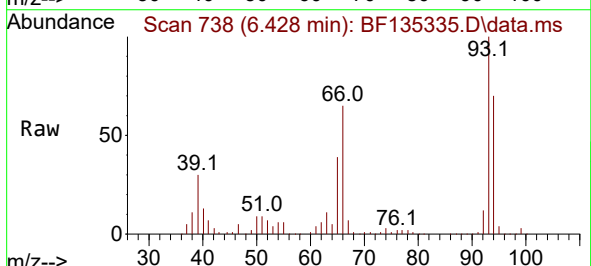
APPROVED

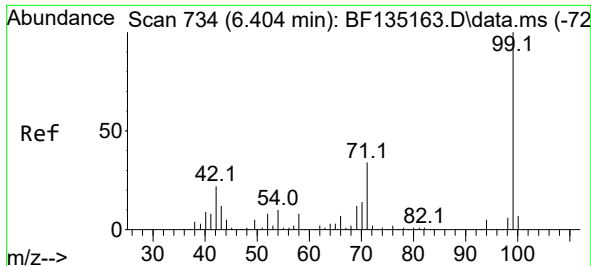
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#6
Aniline
Concen: 31.621 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Tgt Ion: 93 Resp: 414317
Ion Ratio Lower Upper
93 100
66 65.1 35.4 53.0#
65 38.9 17.8 26.8#





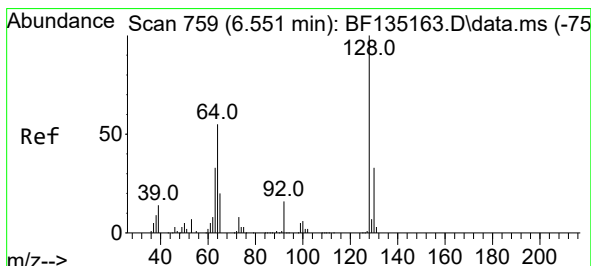
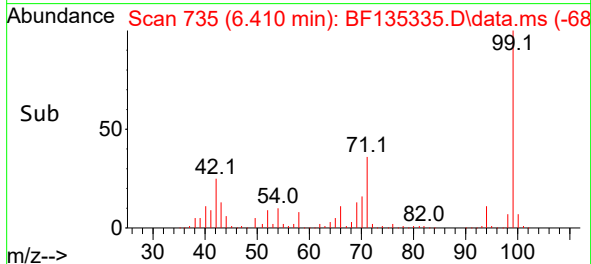
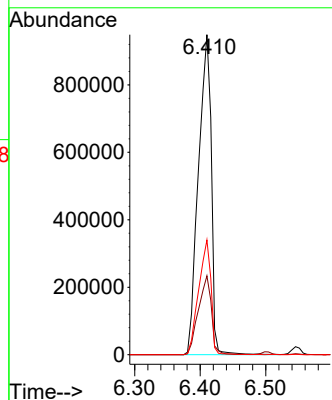
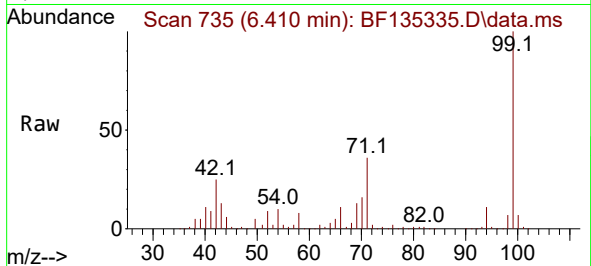
#7
Phenol-d6
Concen: 129.908 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :
BNA_F
ClientSampleId :
PB155570BS

Tgt Ion: 99 Resp: 129802
Ion Ratio Lower Upper
99 100
42 24.7 17.9 26.9
71 35.8 27.0 40.6

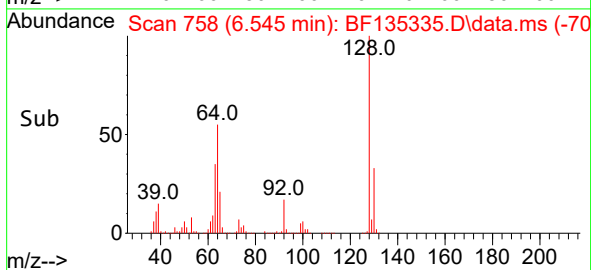
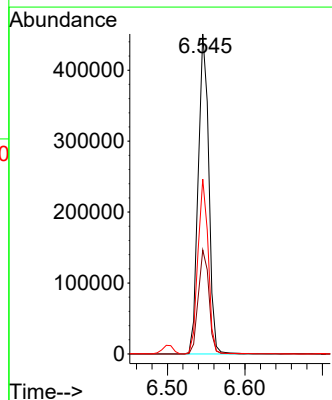
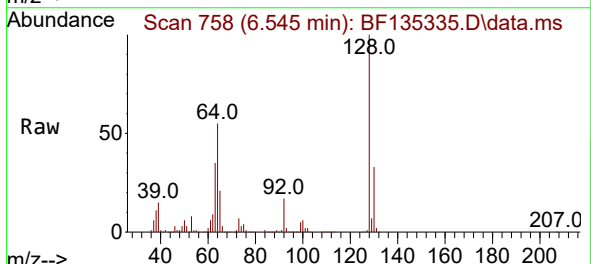
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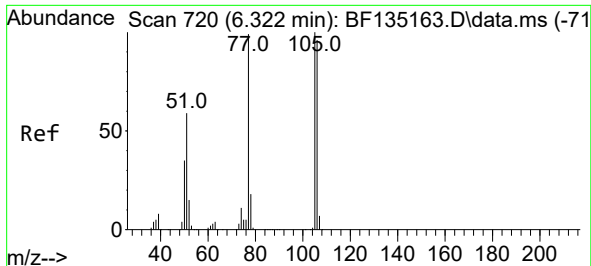
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#8
2-Chlorophenol
Concen: 50.989 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

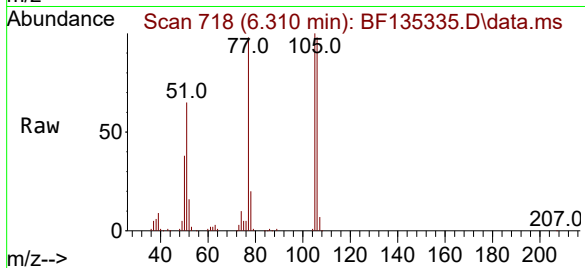
Tgt Ion:128 Resp: 427715
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 54.6 35.9 75.9





#9
Benzaldehyde
Concen: 15.785 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

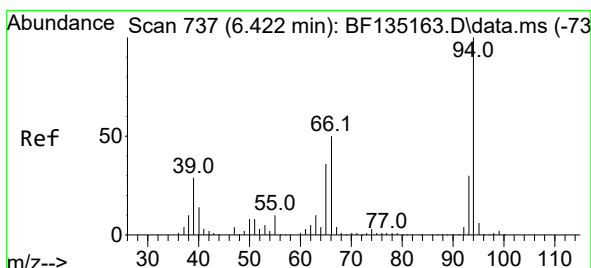
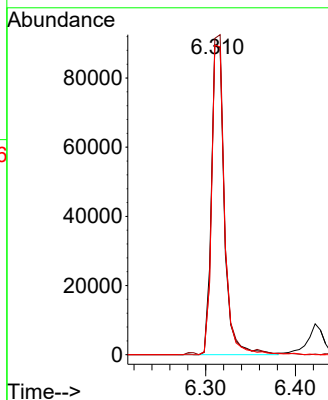
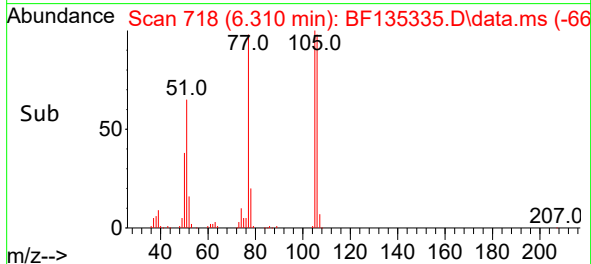
Instrument :
BNA_F
ClientSampleId :
PB155570BS



Tgt Ion: 77 Resp: 89849
Ion Ratio Lower Upper
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105 102.1 81.4 121.4
106 100.0 76.9 116.9

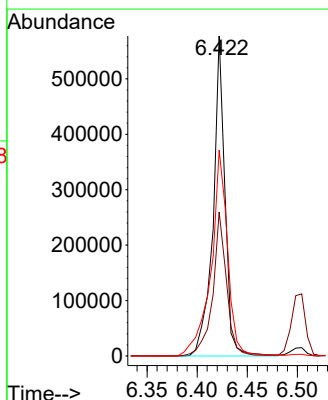
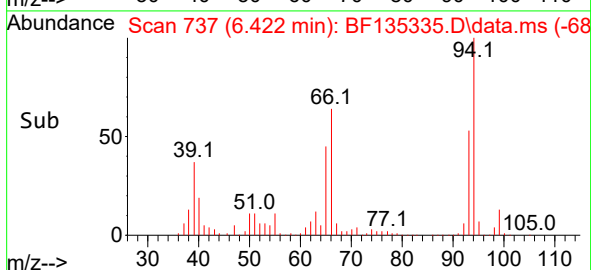
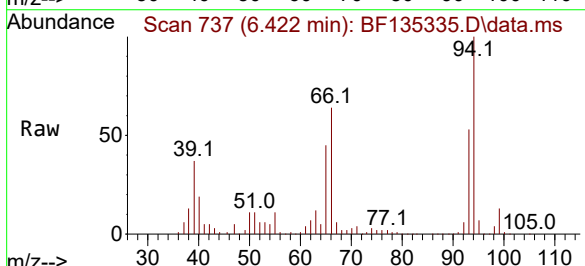
Manual Integrations
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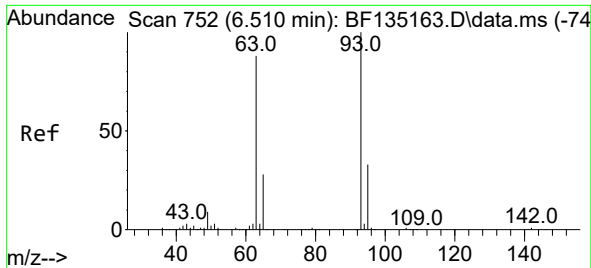
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#10
Phenol
Concen: 43.606 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Tgt Ion: 94 Resp: 477775
Ion Ratio Lower Upper
94 100
65 45.0 15.9 55.9
66 64.3 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 49.007 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

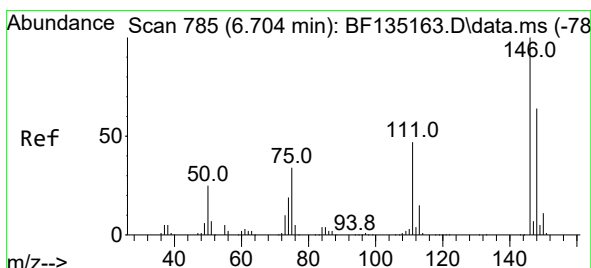
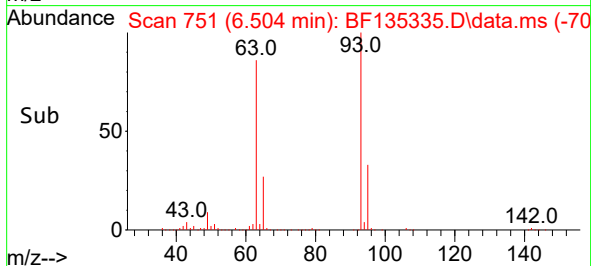
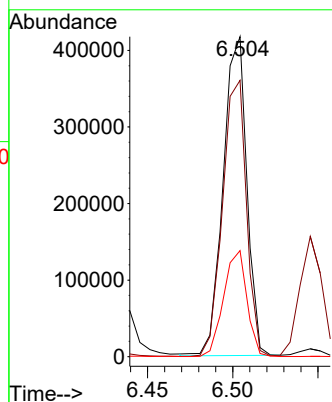
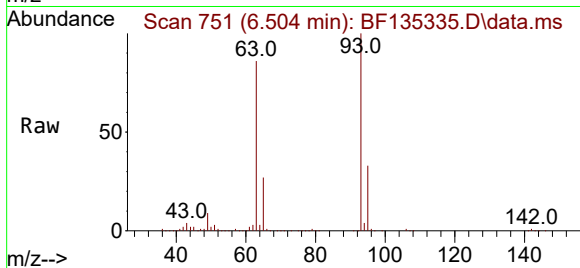
ClientSampleId :

PB155570BS

Tgt Ion: 93 Resp: 402769
Ion Ratio Lower Upper
93 100
63 86.4 67.3 107.3
95 33.2 12.7 52.7

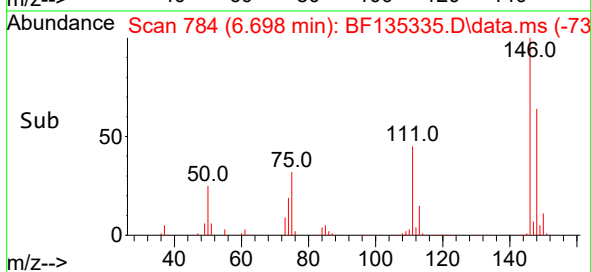
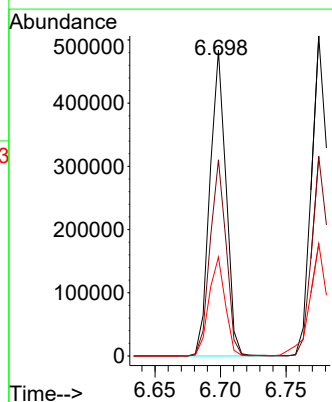
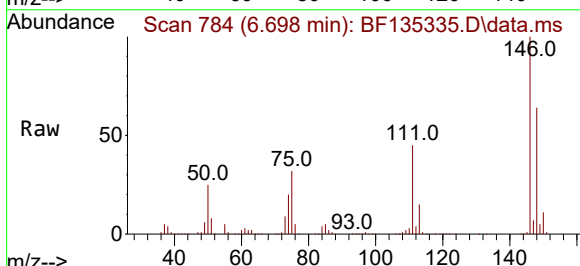
Manual Integrations
APPROVED

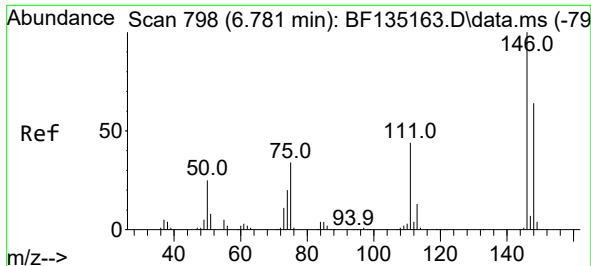
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#12
1,3-Dichlorobenzene
Concen: 48.562 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Tgt Ion:146 Resp: 413998
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 32.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 48.951 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

Tgt Ion:146 Resp: 424570

Ion Ratio Lower Upper

146 100

148 62.3 51.3 76.9

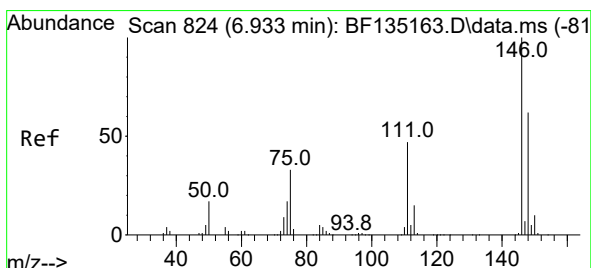
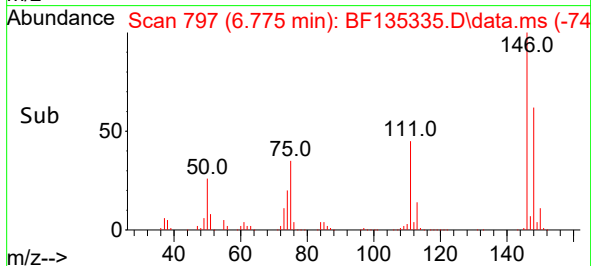
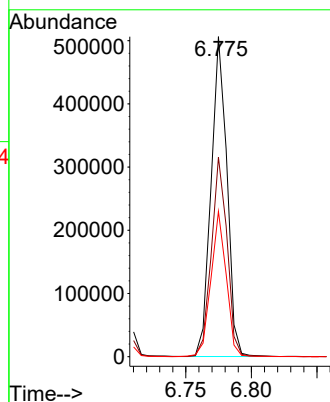
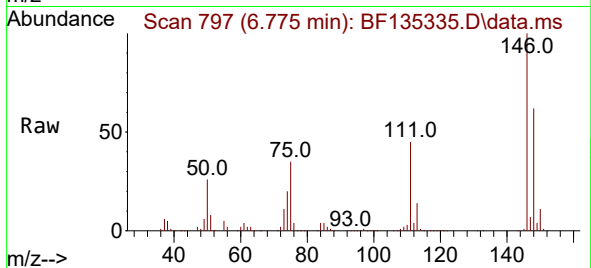
111 45.4 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#14

1,2-Dichlorobenzene

Concen: 49.446 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

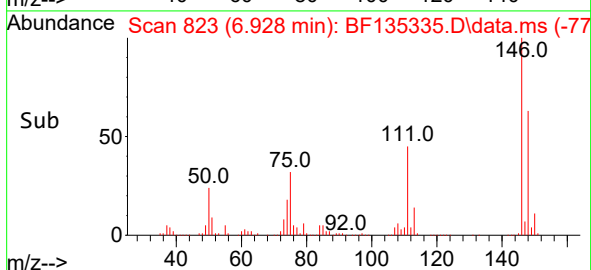
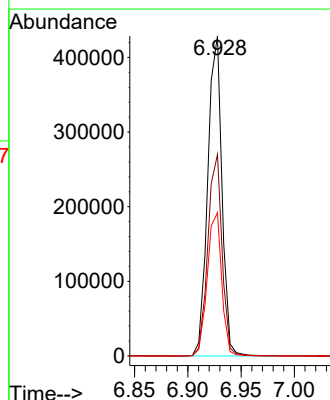
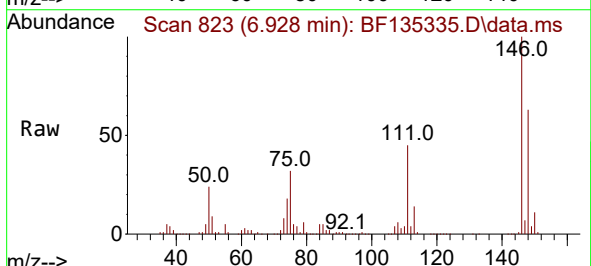
Tgt Ion:146 Resp: 398272

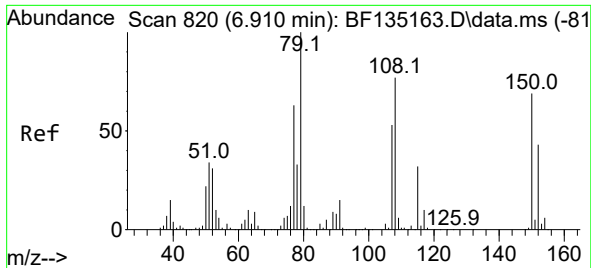
Ion Ratio Lower Upper

146 100

148 63.0 49.7 74.5

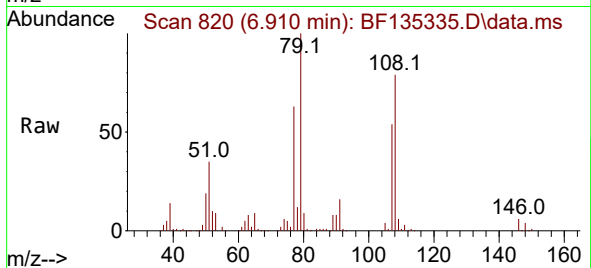
111 44.8 37.4 56.2





#15
Benzyl Alcohol
Concen: 48.175 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

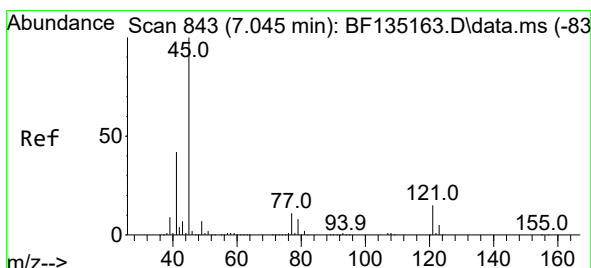
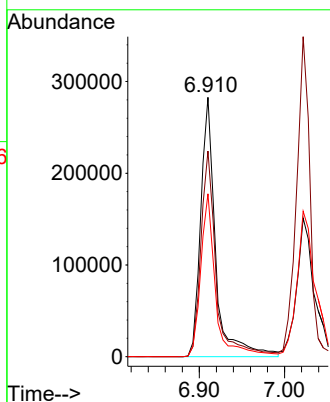
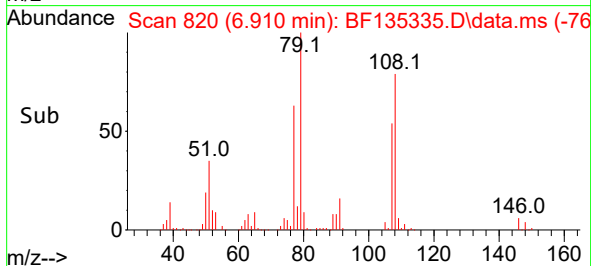
Instrument :
BNA_F
ClientSampleId :
PB155570BS



Tgt Ion: 79 Resp: 345418
Ion Ratio Lower Upper
79 100
108 79.3 61.2 91.8
77 62.8 50.5 75.7

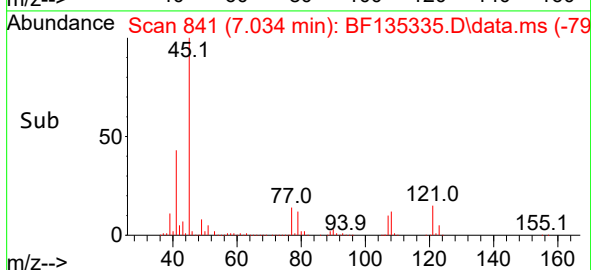
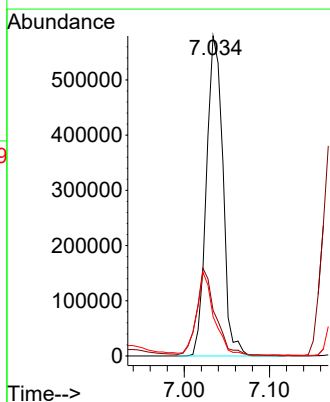
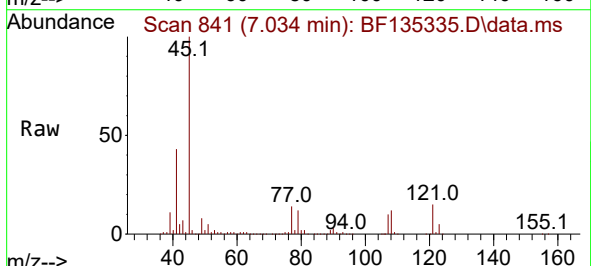
Manual Integrations
APPROVED

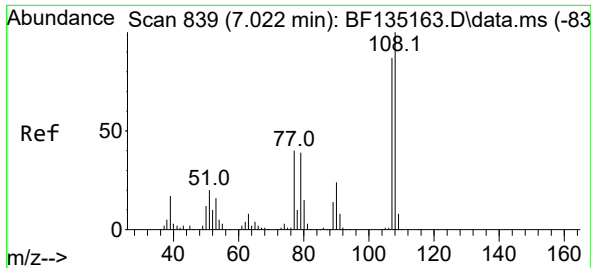
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.135 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

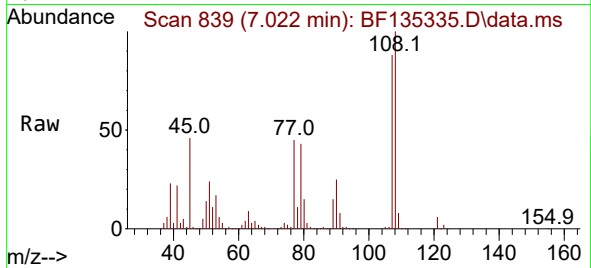
Tgt Ion: 45 Resp: 776651
Ion Ratio Lower Upper
45 100
77 14.3 0.0 30.6
79 12.3 0.0 28.3





#17
2-Methylphenol
Concen: 45.339 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

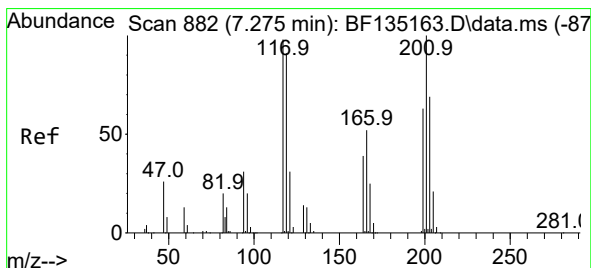
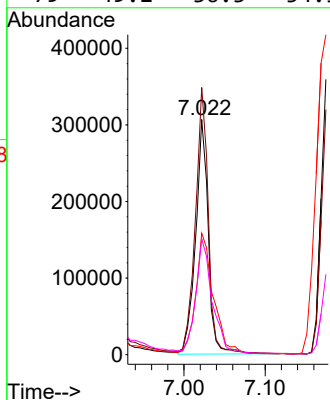
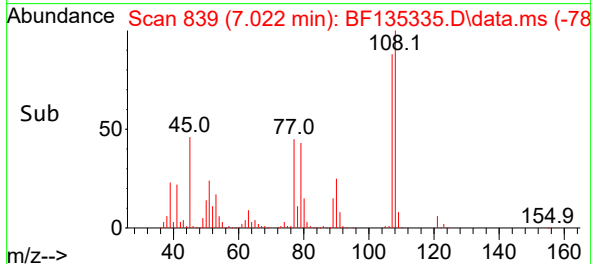
Instrument :
BNA_F
ClientSampleId :
PB155570BS



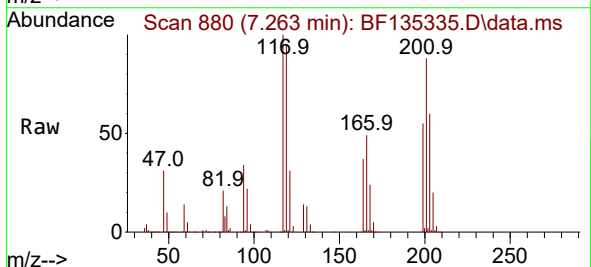
Tgt Ion:107 Resp: 335619
Ion Ratio Lower Upper
107 100
108 113.6 92.0 138.0
77 51.6 36.7 55.1
79 49.2 36.3 54.5

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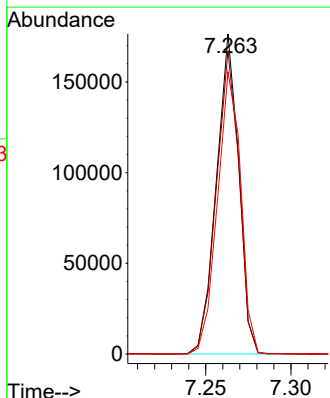
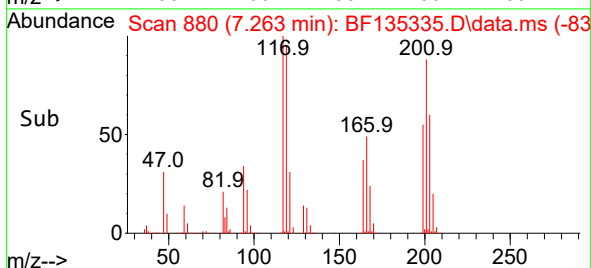
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

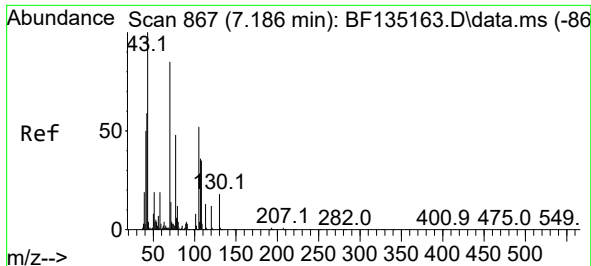


#18
Hexachloroethane
Concen: 50.182 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



Tgt Ion:117 Resp: 160822
Ion Ratio Lower Upper
117 100
119 94.8 74.7 112.1
201 88.2 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.867 ng

RT: 7.181 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

Tgt Ion: 70 Resp: 277679

Ion Ratio Lower Upper

70 100

42 75.5 55.4 83.0

101 9.4 7.7 11.5

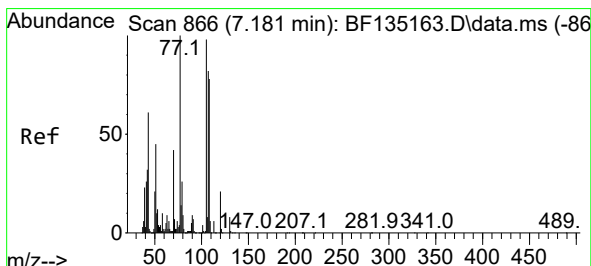
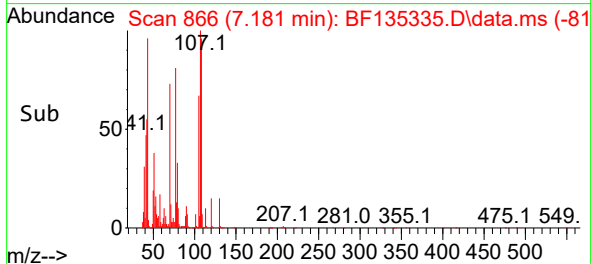
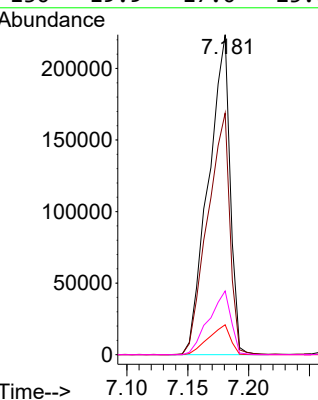
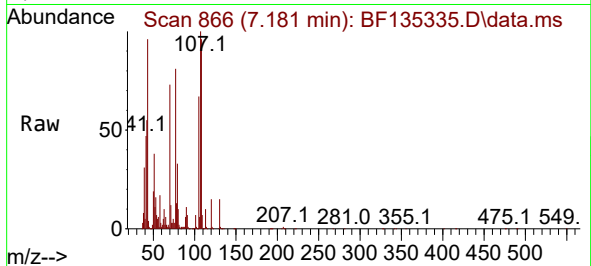
130 19.9 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#20

3+4-Methylphenols

Concen: 42.896 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Tgt Ion:107 Resp: 381827

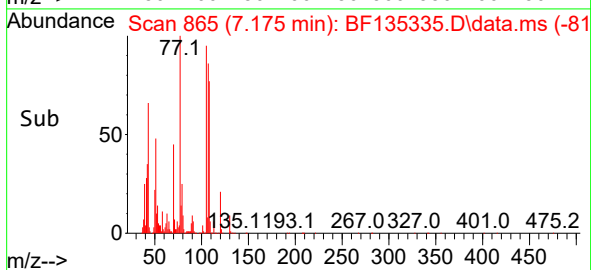
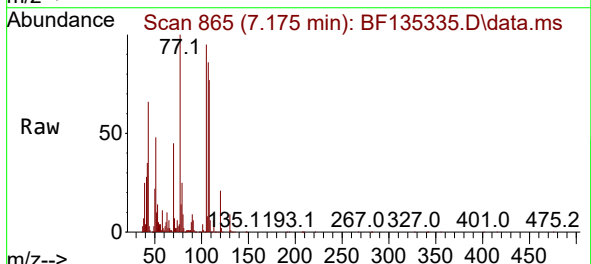
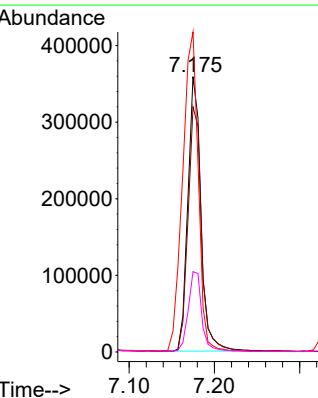
Ion Ratio Lower Upper

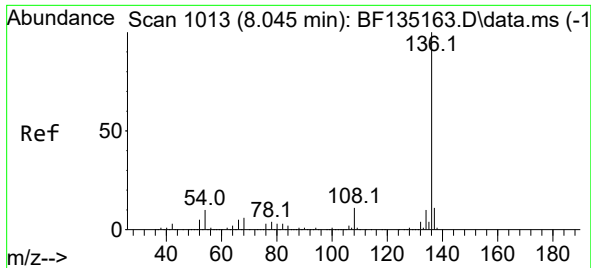
107 100

108 89.0 74.7 114.7

77 116.2 102.0 142.0

79 29.2 11.7 51.7





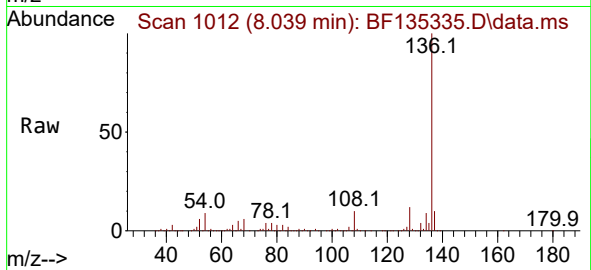
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

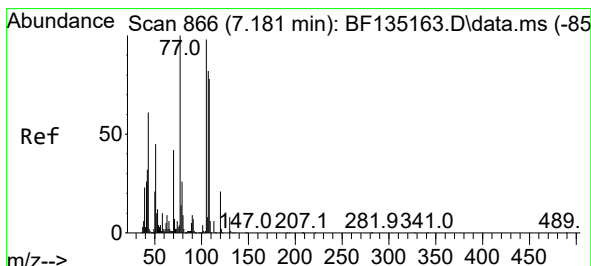
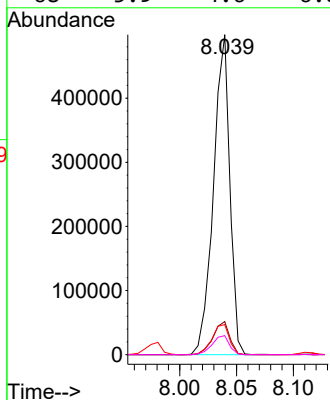
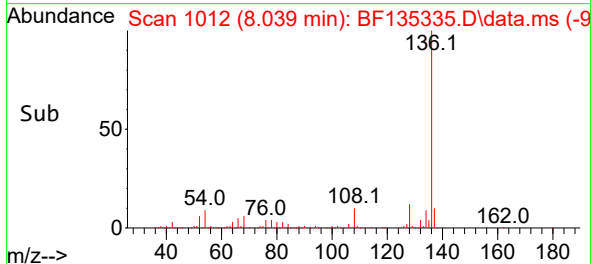


Tgt Ion:136 Resp: 49965
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 9.4 7.7 11.5
68 5.9 4.6 6.8

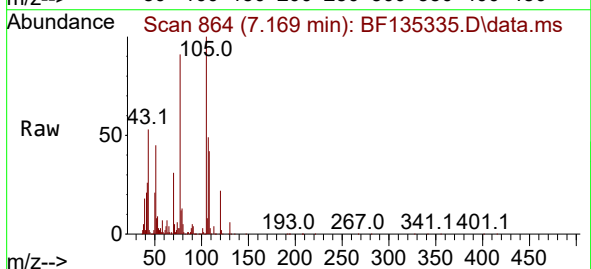
Manual Integrations

APPROVED

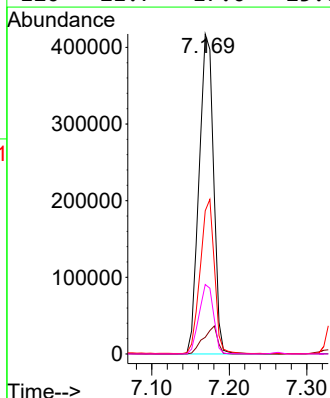
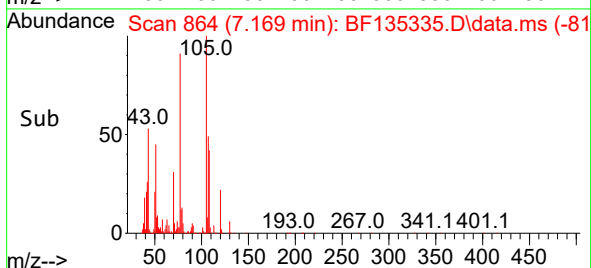
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

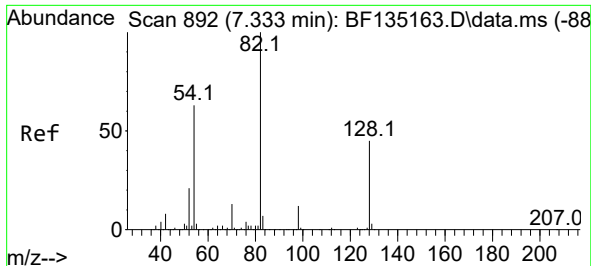


#22
Acetophenone
Concen: 47.467 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



Tgt Ion:105 Resp: 542229
Ion Ratio Lower Upper
105 100
71 5.2 5.8 8.6#
51 44.7 37.0 55.4
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 91.516 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

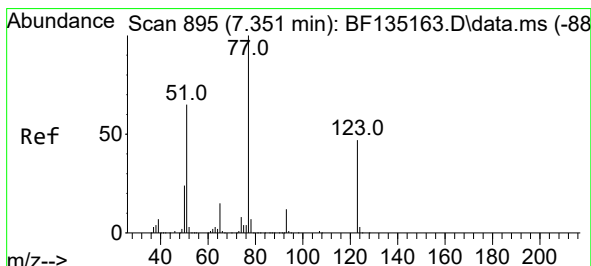
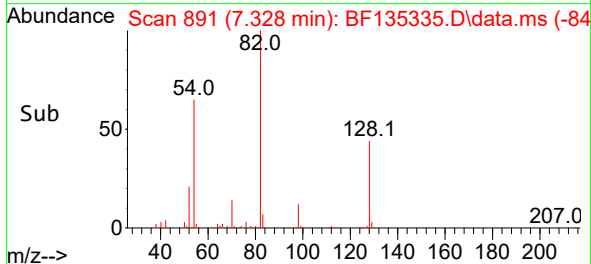
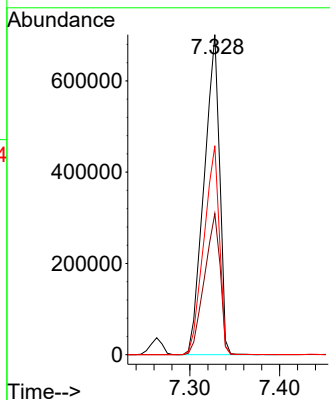
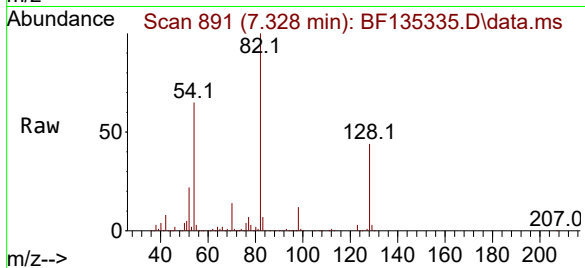
Tgt Ion:	82	Resp:	841649
Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.8	53.6
54	65.3	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#24

Nitrobenzene

Concen: 48.060 ng

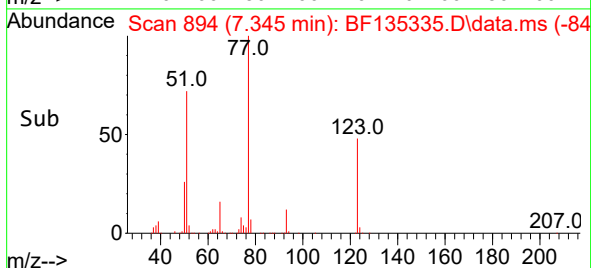
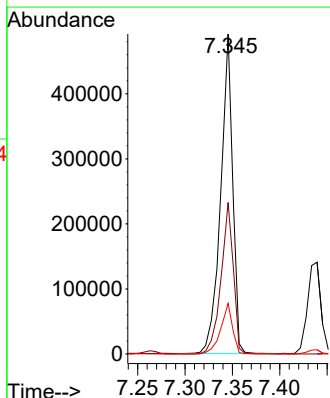
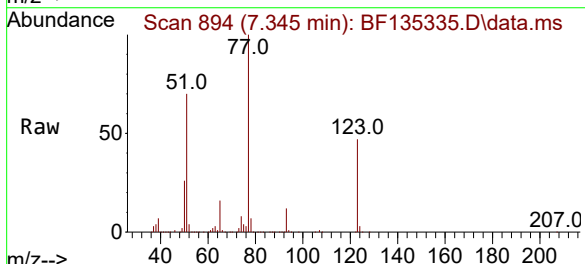
RT: 7.345 min Scan# 894

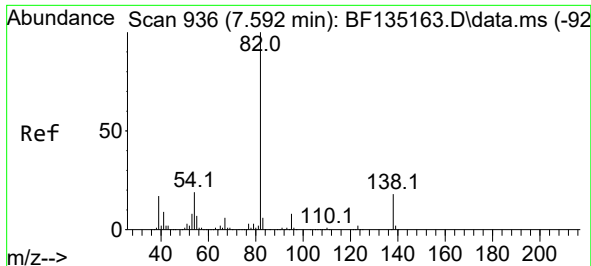
Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

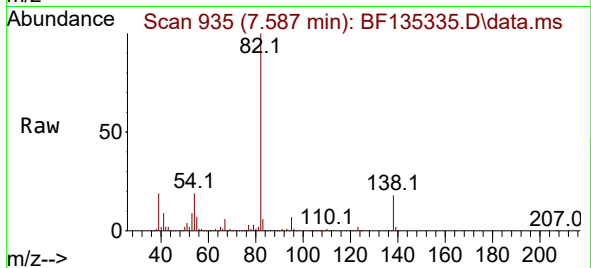
Tgt Ion:	77	Resp:	436860
Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.6	56.4
65	15.8	12.2	18.4





#25
Isophorone
Concen: 48.807 ng
RT: 7.587 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

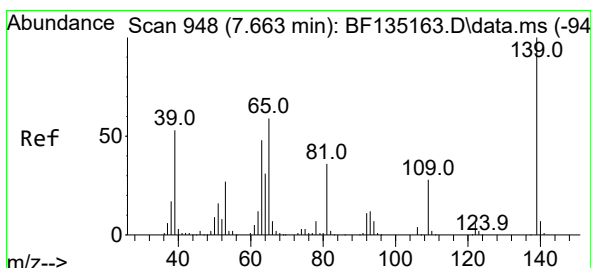
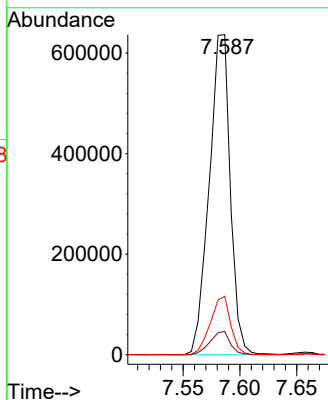
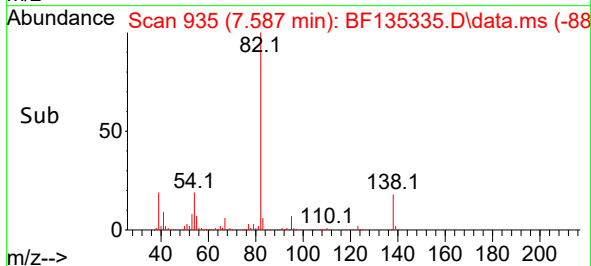
Instrument :
BNA_F
ClientSampleId :
PB155570BS



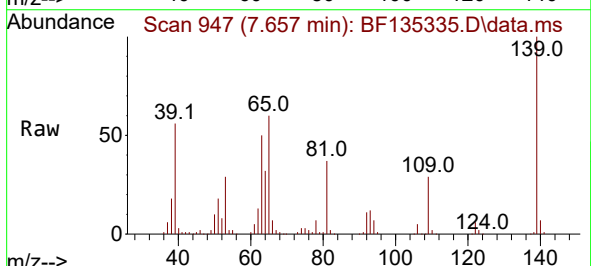
Tgt Ion: 82 Resp: 824220
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 18.2 14.5 21.7

Manual Integrations
APPROVED

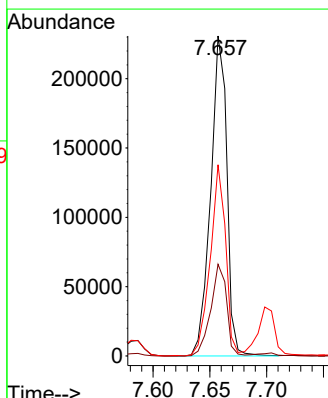
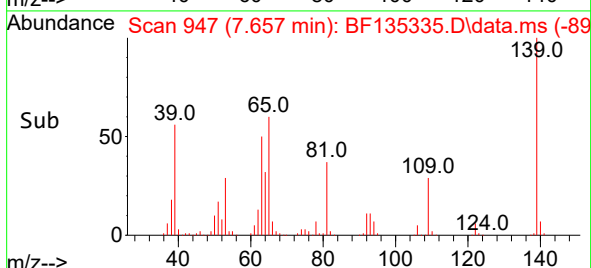
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#26
2-Nitrophenol
Concen: 52.612 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



Tgt Ion:139 Resp: 229529
Ion Ratio Lower Upper
139 100
109 28.6 22.6 33.8
65 59.7 47.0 70.4





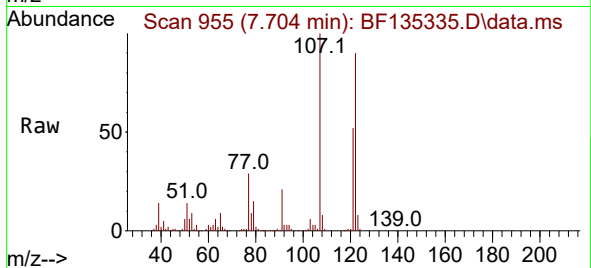
#27
2,4-Dimethylphenol
Concen: 45.506 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

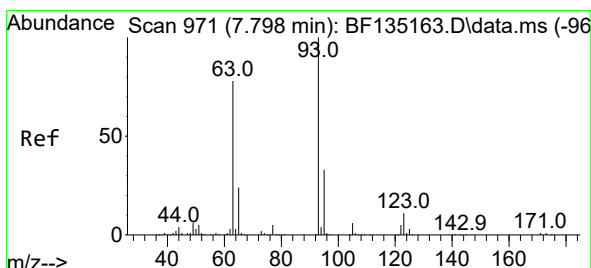
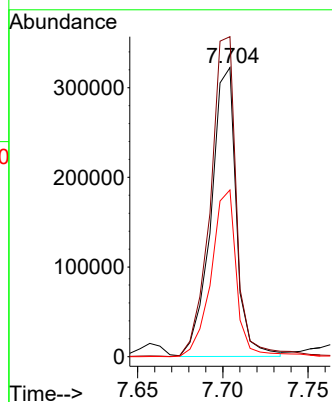
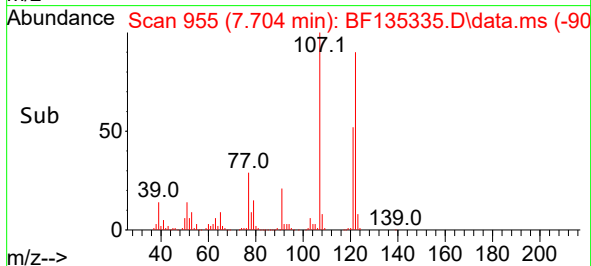


Tgt Ion:122 Resp: 33370
Ion Ratio Lower Upper
122 100
107 110.7 90.2 135.4
121 57.7 46.3 69.5

Manual Integrations

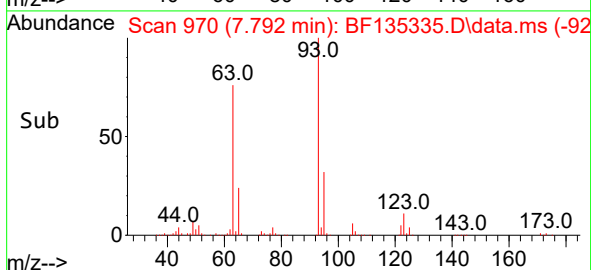
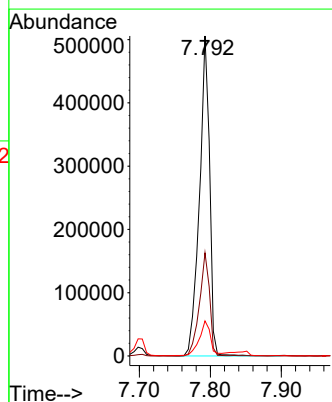
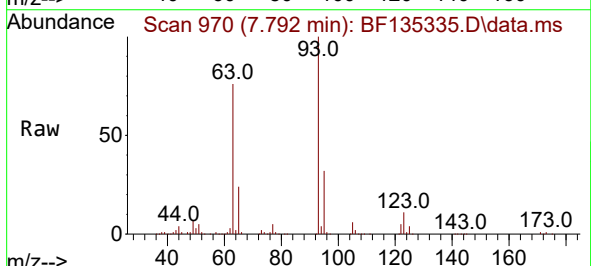
APPROVED

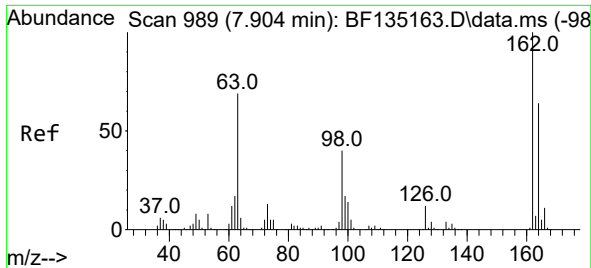
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.912 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Tgt Ion: 93 Resp: 504501
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.2
123 10.9 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 50.322 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

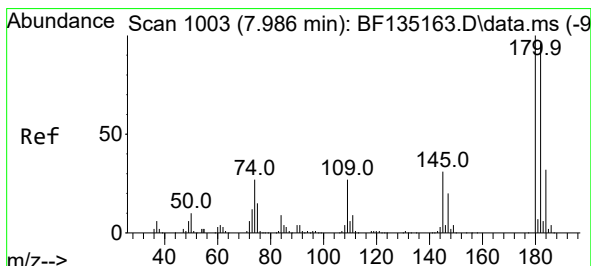
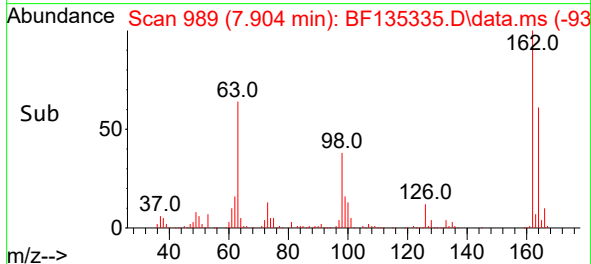
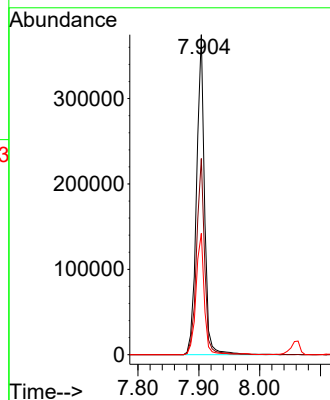
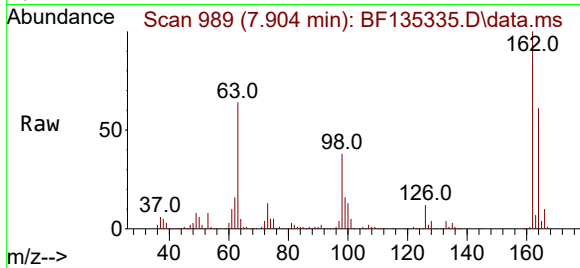
Tgt Ion:	162	Resp:	34194
Ion Ratio	Lower	Upper	
162	100		
164	61.3	44.1	84.1
98	37.9	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.448 ng

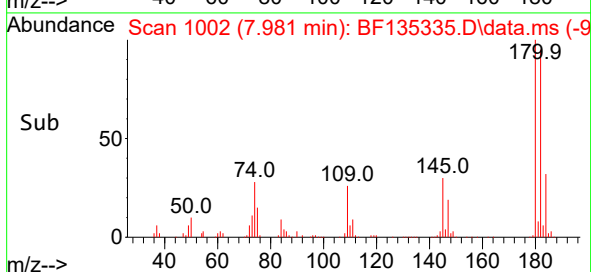
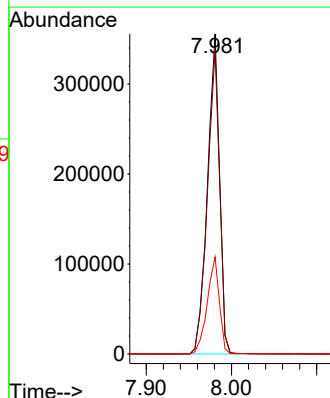
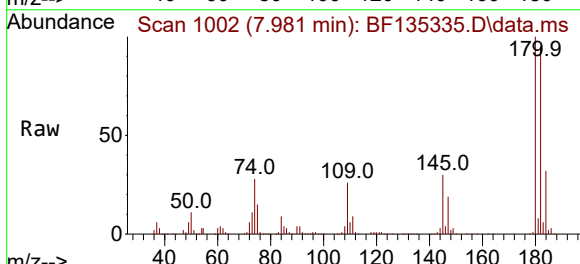
RT: 7.981 min Scan# 1002

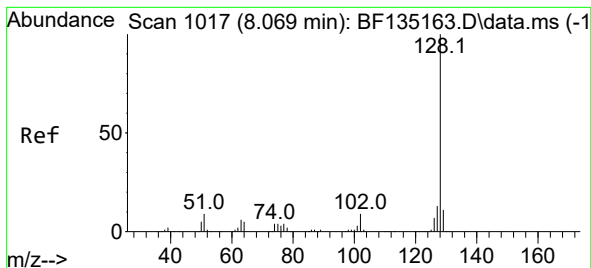
Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Tgt Ion:	180	Resp:	351201
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.9	115.3
145	30.3	24.5	36.7





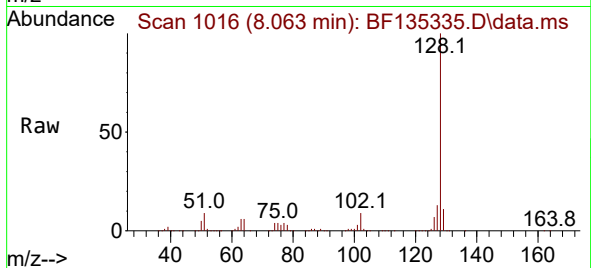
#31
Naphthalene
Concen: 48.355 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS



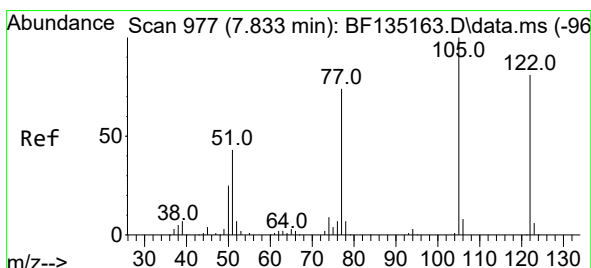
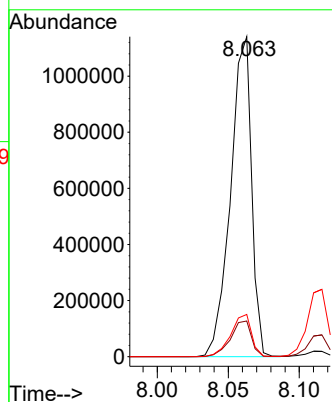
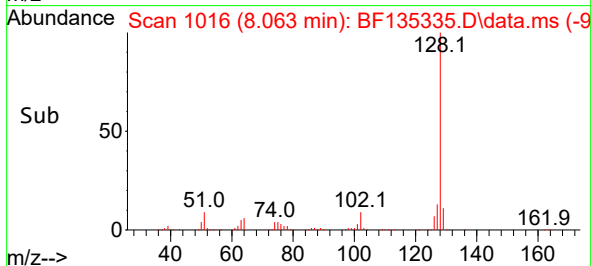
Tgt Ion:128 Resp: 117390
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.7 16.1

Manual Integrations

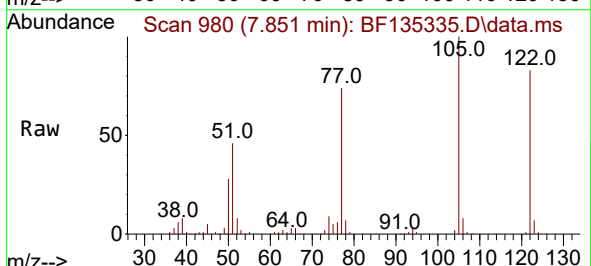
APPROVED

Reviewed By :Yogesh Patel 09/20/2023

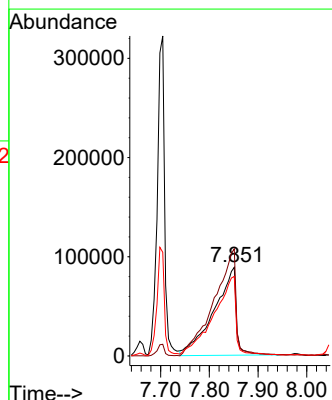
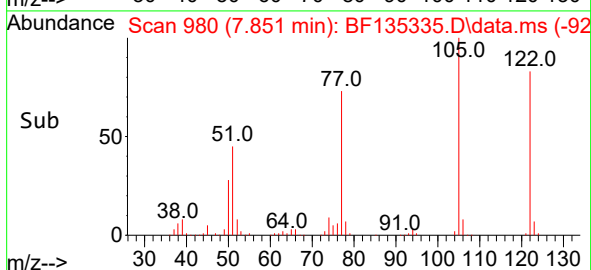
Supervised By :mohammad ahmed 09/20/2023

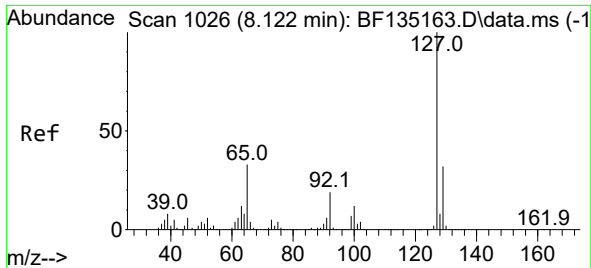


#32
Benzoic acid
Concen: 51.069 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



Tgt Ion:122 Resp: 282000
Ion Ratio Lower Upper
122 100
105 120.7 99.9 139.9
77 89.7 70.0 110.0





#33
4-Chloroaniline
Concen: 24.903 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

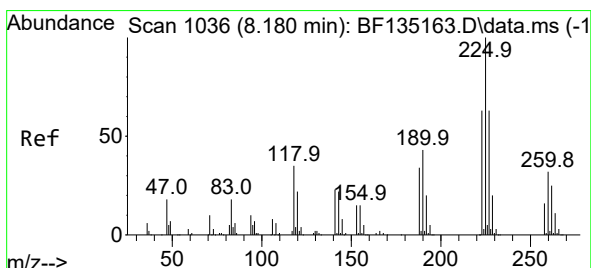
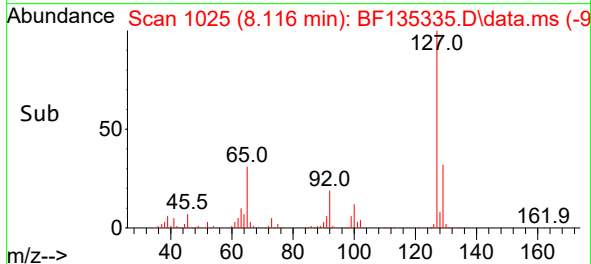
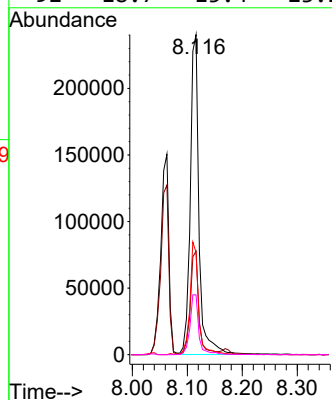
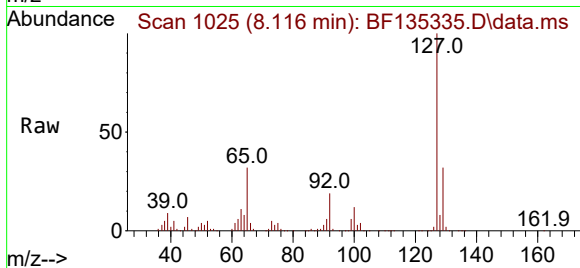
ClientSampleId :

PB155570BS

Tgt Ion:127 Resp: 26524
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8
65 32.0 26.6 39.8
92 18.7 15.4 23.2

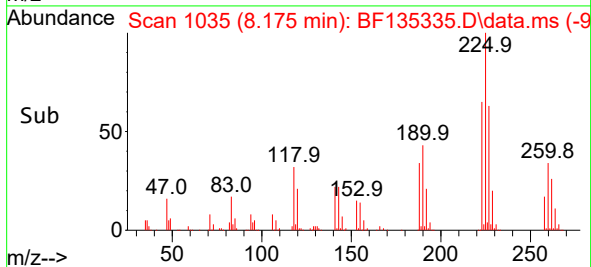
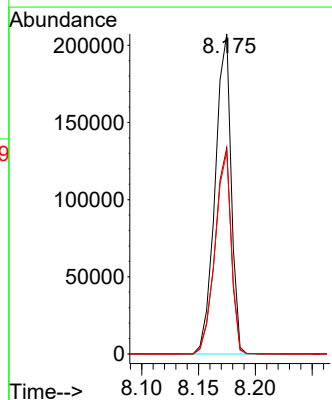
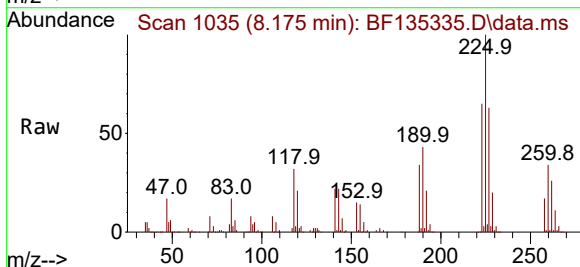
Manual Integrations
APPROVED

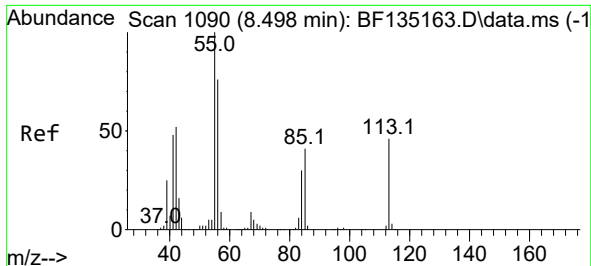
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#34
Hexachlorobutadiene
Concen: 47.531 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

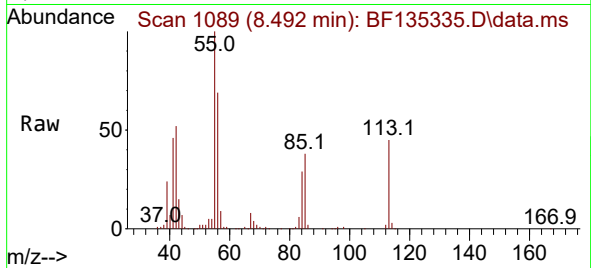
Tgt Ion:225 Resp: 203556
Ion Ratio Lower Upper
225 100
223 64.5 50.6 75.8
227 63.2 50.8 76.2





#35
Caprolactam
Concen: 53.884 ng m
RT: 8.492 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

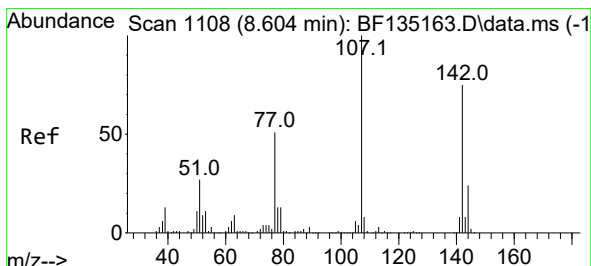
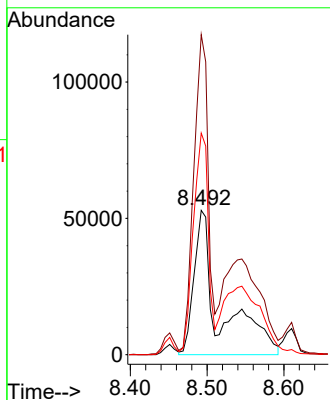
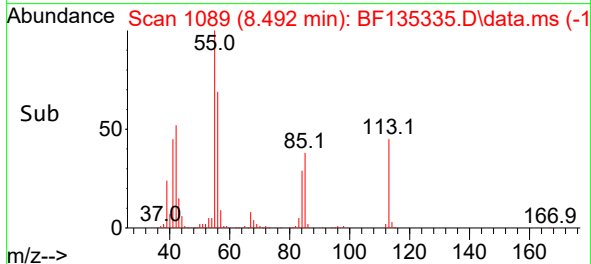
Instrument :
BNA_F
ClientSampleId :
PB155570BS



Tgt Ion:113 Resp: 122884
Ion Ratio Lower Upper
113 100
55 221.6 199.3 239.3
56 153.4 146.3 186.3

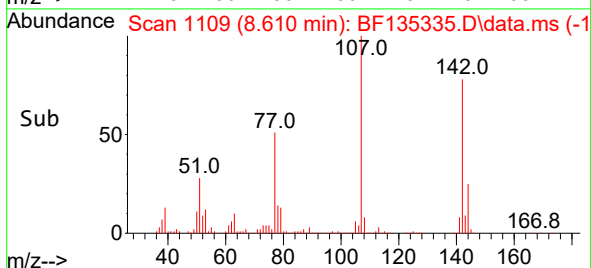
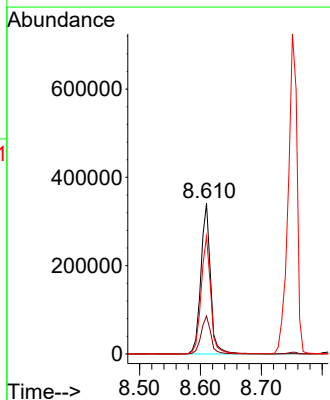
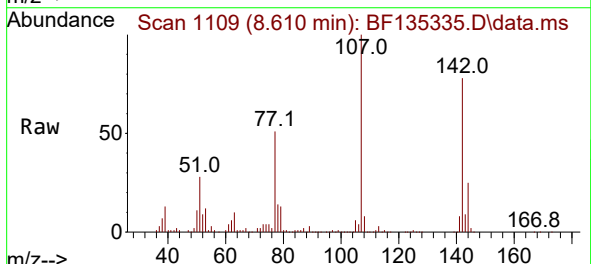
Manual Integrations
APPROVED

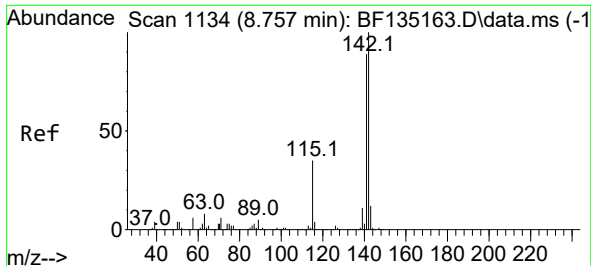
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#36
4-Chloro-3-methylphenol
Concen: 49.871 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Tgt Ion:107 Resp: 376637
Ion Ratio Lower Upper
107 100
144 25.1 19.0 28.4
142 77.9 60.2 90.2





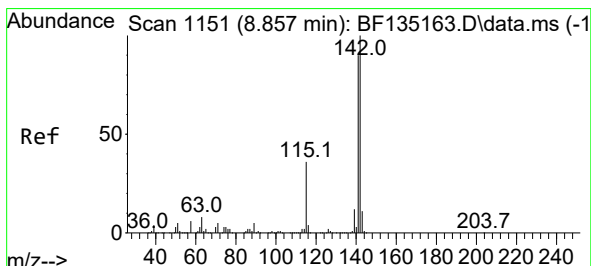
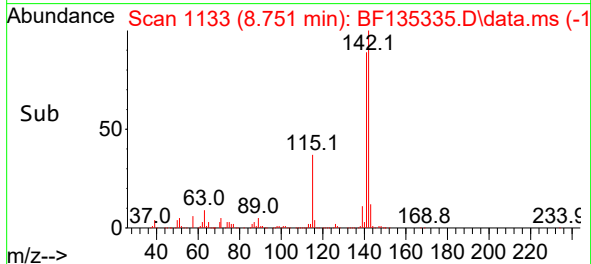
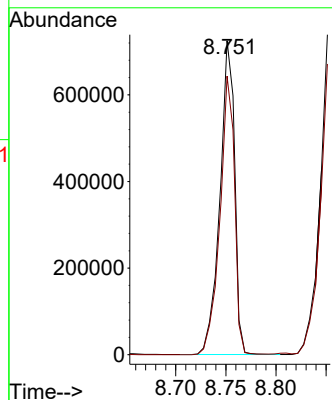
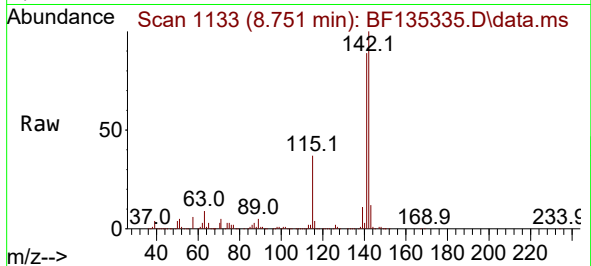
#37
2-Methylnaphthalene
Concen: 45.222 ng
RT: 8.751 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :
BNA_F
ClientSampleId :
PB155570BS

Tgt Ion:142 Resp: 737968
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6

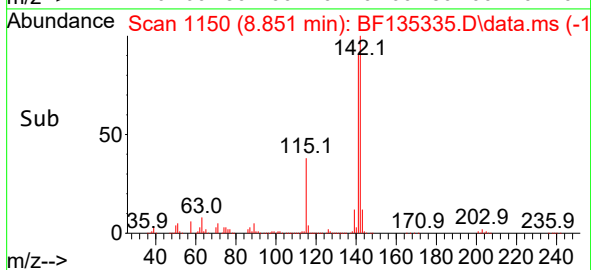
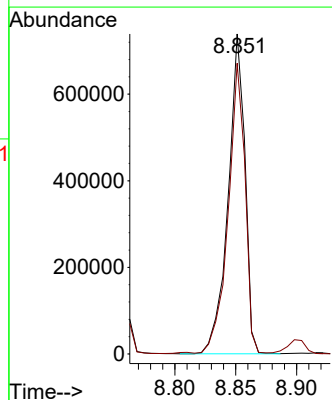
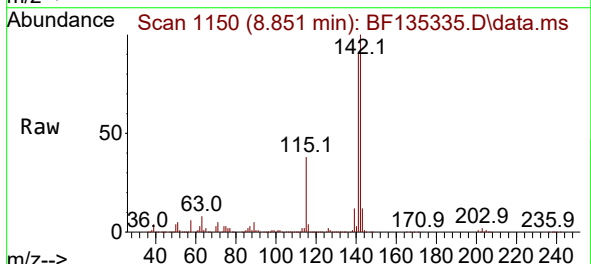
Manual Integrations
APPROVED

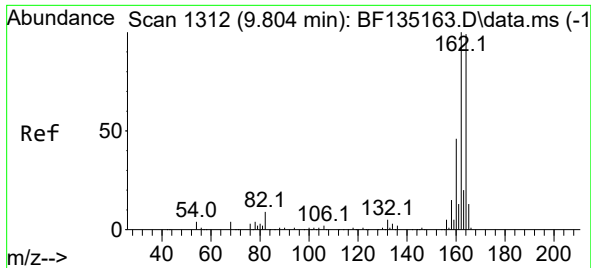
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#38
1-Methylnaphthalene
Concen: 46.409 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Tgt Ion:142 Resp: 709048
Ion Ratio Lower Upper
142 100
141 90.9 72.4 108.6





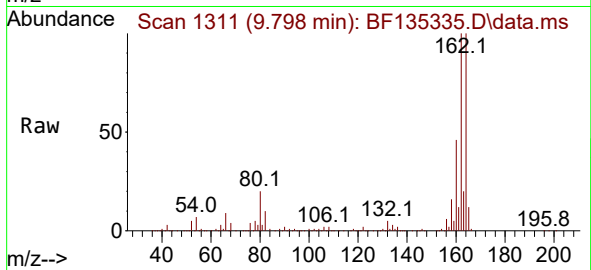
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

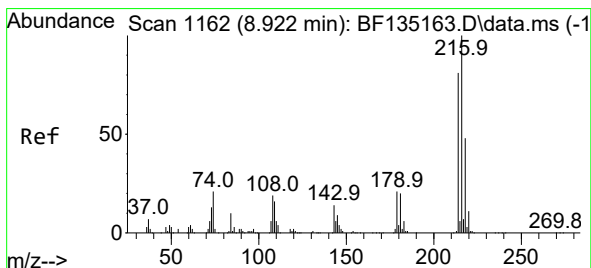
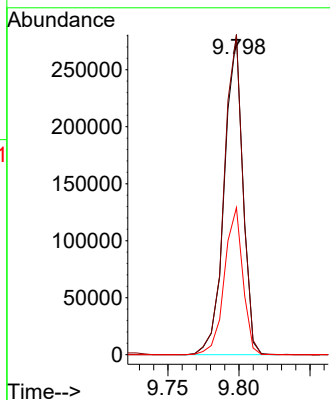
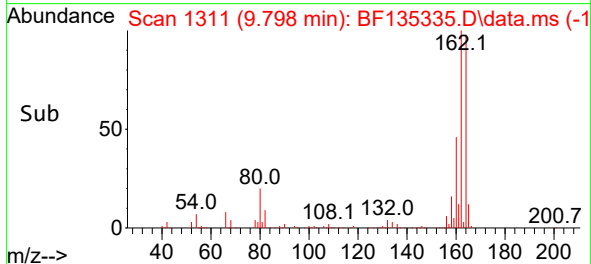


Tgt Ion:164 Resp: 253110
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 46.0 37.0 55.4

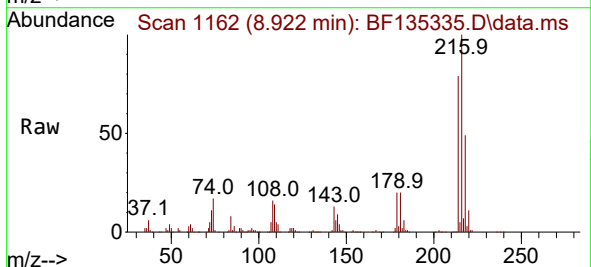
Manual Integrations

APPROVED

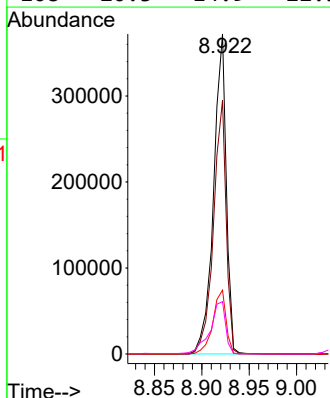
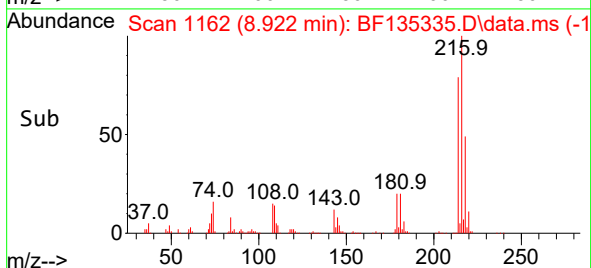
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

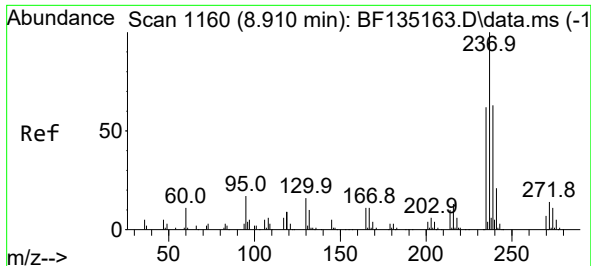


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.194 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



Tgt Ion:216 Resp: 346066
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 20.6 16.7 25.1
108 20.3 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 81.244 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

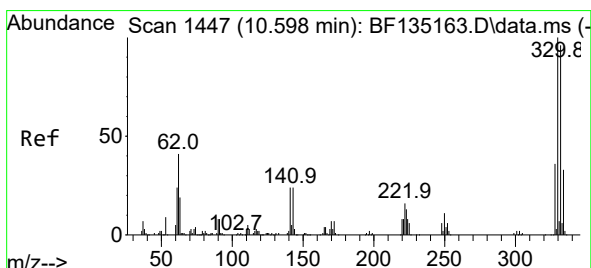
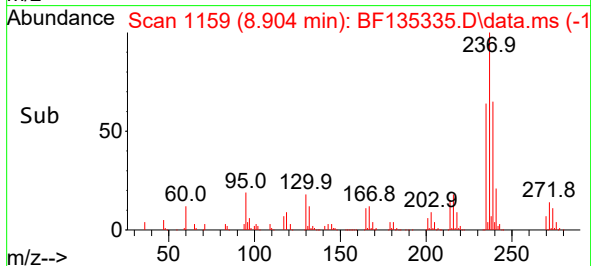
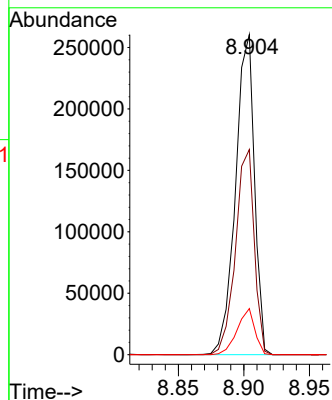
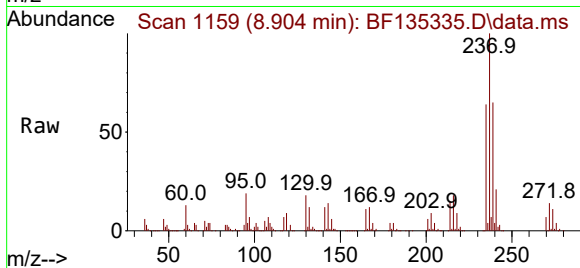
PB155570BS

Tgt Ion: 237 Resp: 262912
Ion Ratio Lower Upper
237 100
235 64.1 41.8 81.8
272 14.4 0.0 33.6

Manual Integrations

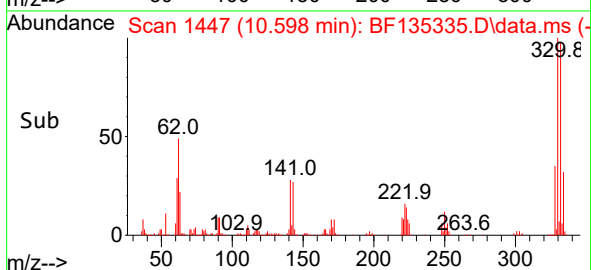
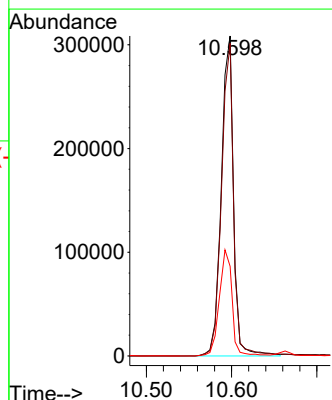
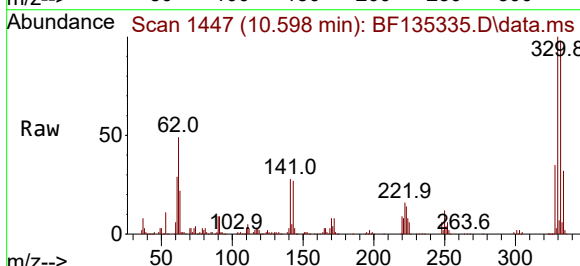
APPROVED

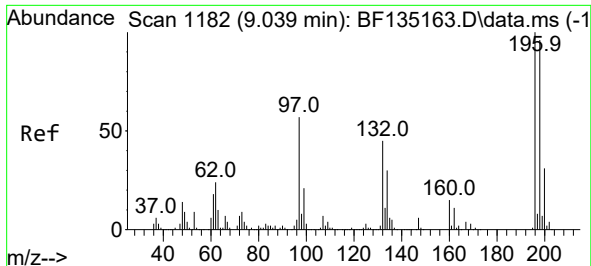
Reviewed By : Yogesh Patel 09/20/2023
Supervised By : mohammad ahmed 09/20/2023



#42
2,4,6-Tribromophenol
Concen: 122.044 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

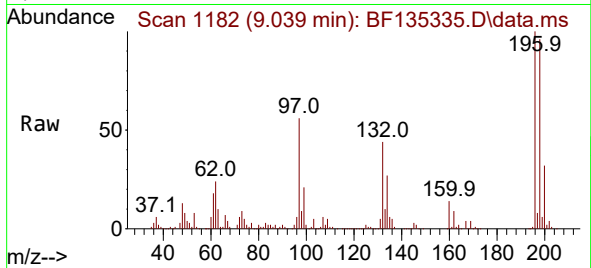
Tgt Ion: 330 Resp: 306978
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 34.6 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 48.357 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

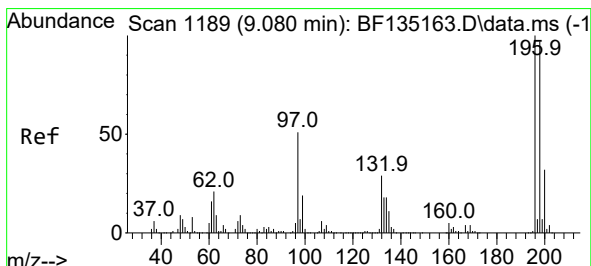
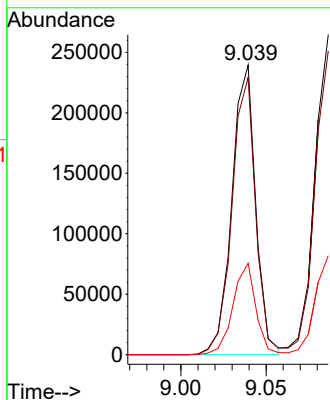
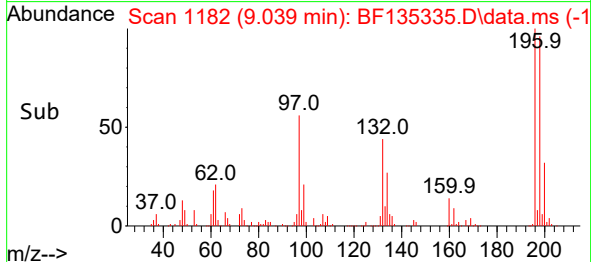
Instrument :
BNA_F
ClientSampleId :
PB155570BS



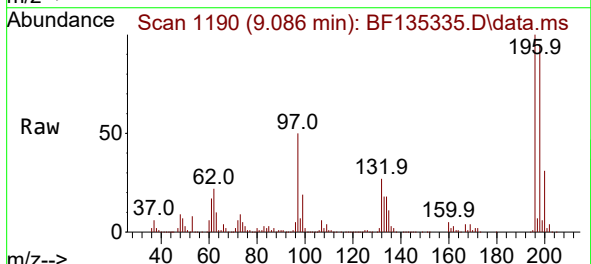
Tgt Ion:196 Resp: 232169
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.6
200 31.6 24.5 36.7

Manual Integrations
APPROVED

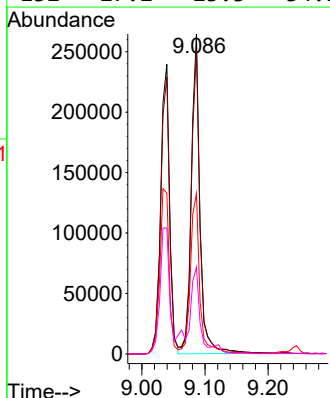
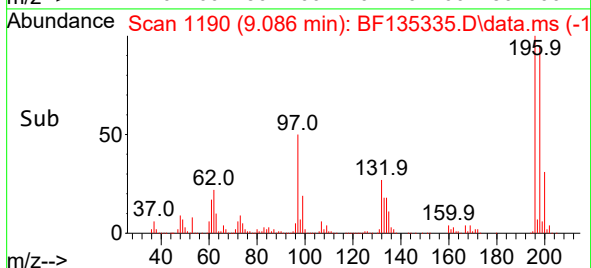
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

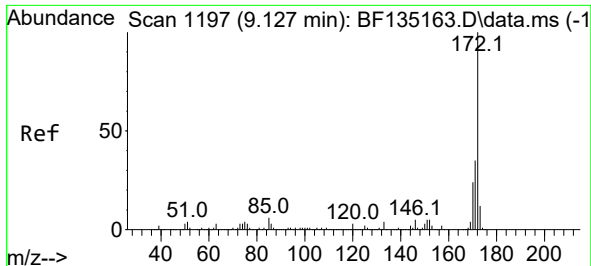


#44
2,4,5-Trichlorophenol
Concen: 46.148 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



Tgt Ion:196 Resp: 255150
Ion Ratio Lower Upper
196 100
198 94.9 77.5 116.3
97 50.1 40.5 60.7
132 27.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 85.481 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

Tgt Ion:172 Resp: 1434062

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

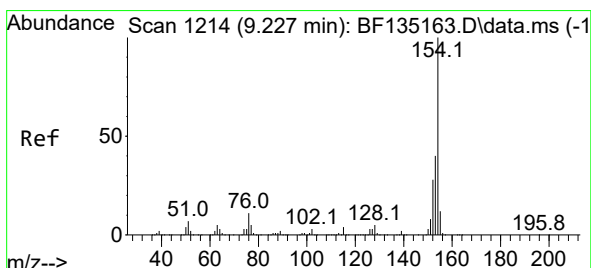
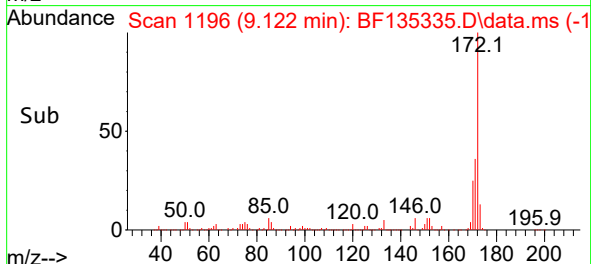
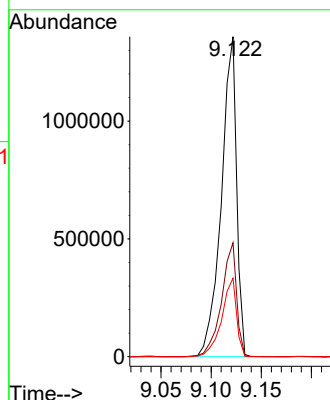
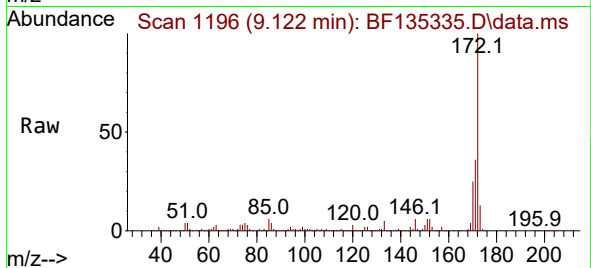
170 24.6 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#46

1,1'-Biphenyl

Concen: 47.190 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

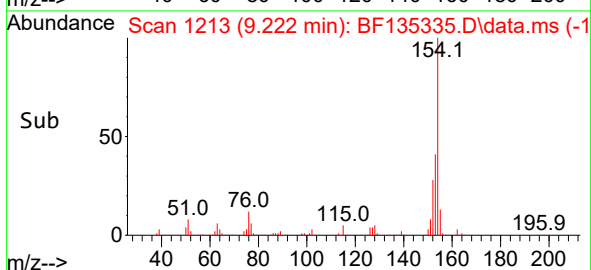
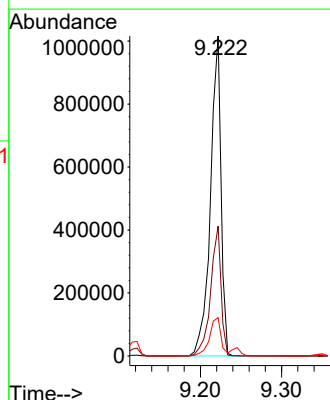
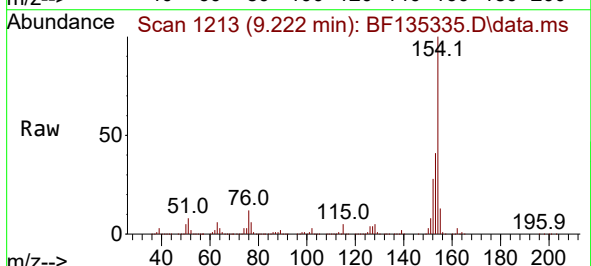
Tgt Ion:154 Resp: 917893

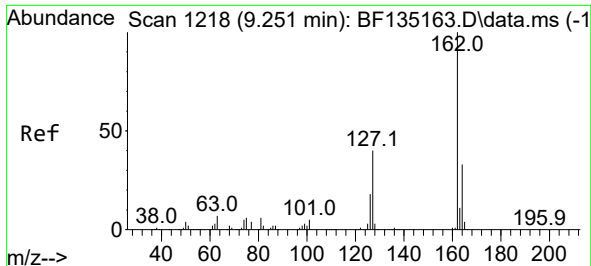
Ion Ratio Lower Upper

154 100

153 40.6 19.6 59.6

76 11.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 49.132 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

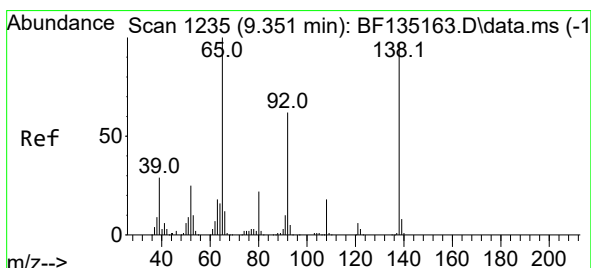
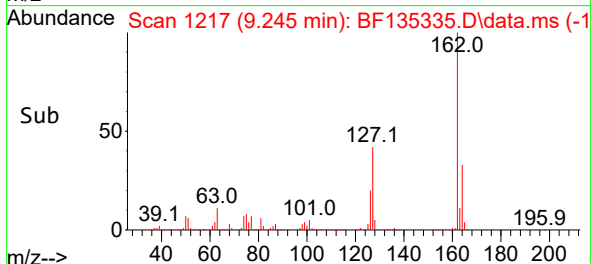
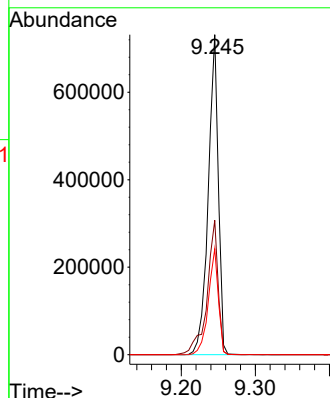
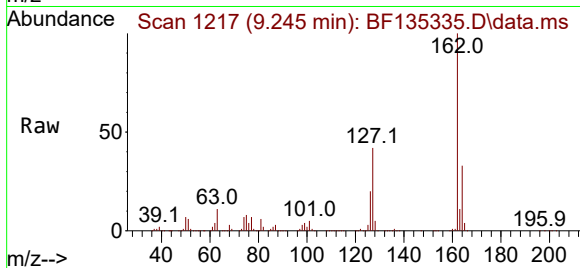
Tgt Ion:	162	Resp:	69340
Ion Ratio	Lower	Upper	
162	100		
127	42.0	32.6	48.8
164	33.1	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#48

2-Nitroaniline

Concen: 49.892 ng

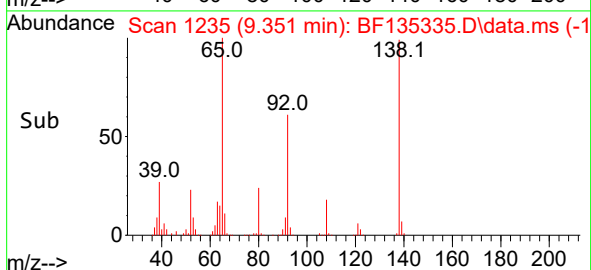
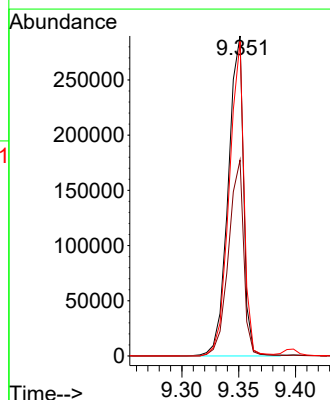
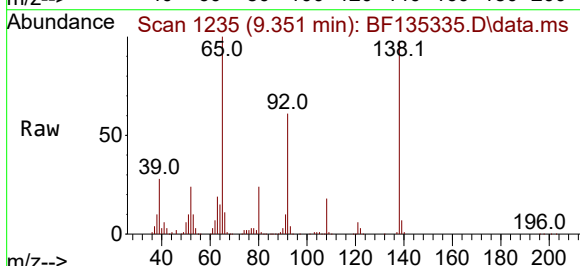
RT: 9.351 min Scan# 1235

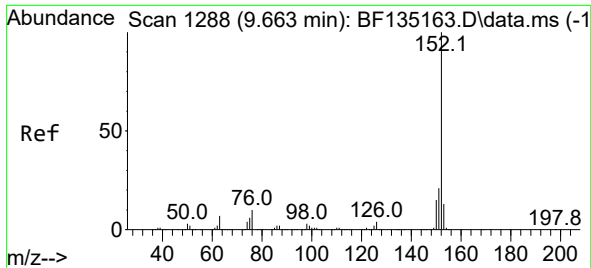
Delta R.T. 0.000 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Tgt Ion:	65	Resp:	273547
Ion Ratio	Lower	Upper	
65	100		
92	61.2	49.4	74.0
138	98.3	77.4	116.0





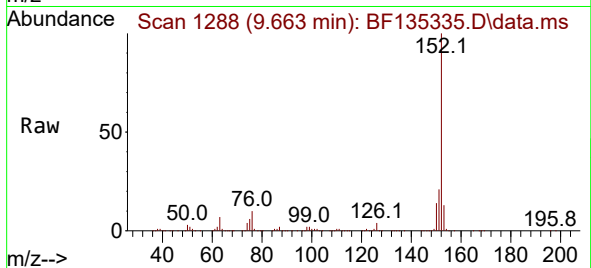
#49
Acenaphthylene
Concen: 48.424 ng
RT: 9.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

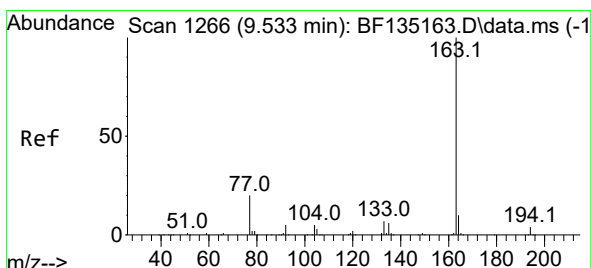
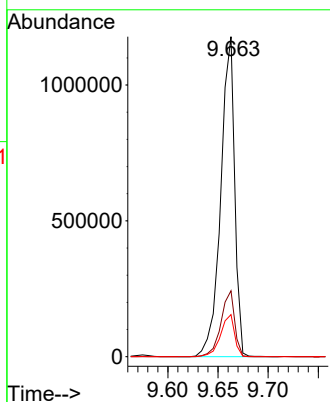
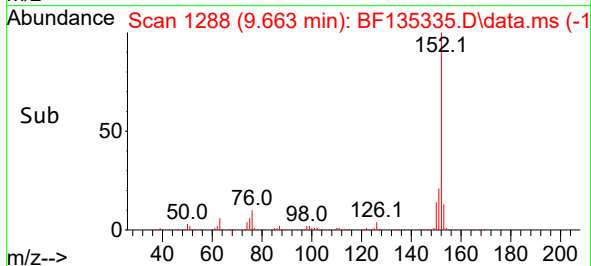


Tgt Ion:152 Resp: 1135762
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.1 10.4 15.6

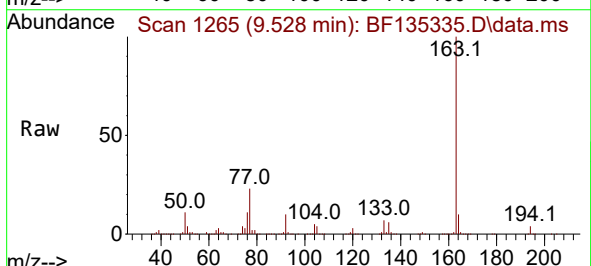
Manual Integrations

APPROVED

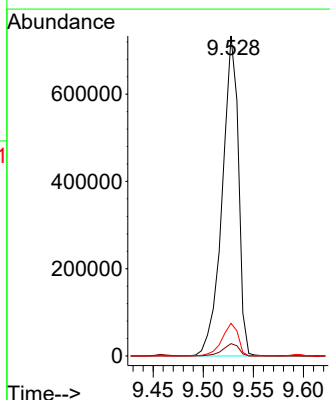
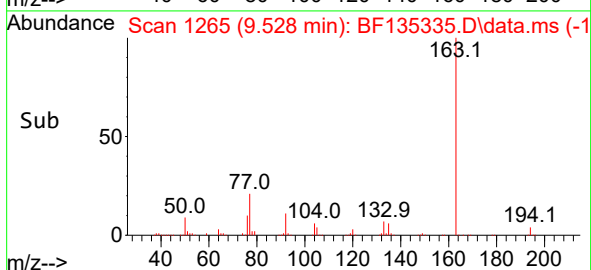
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

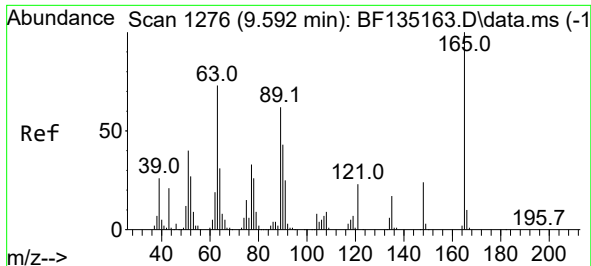


#50
Dimethylphthalate
Concen: 48.129 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



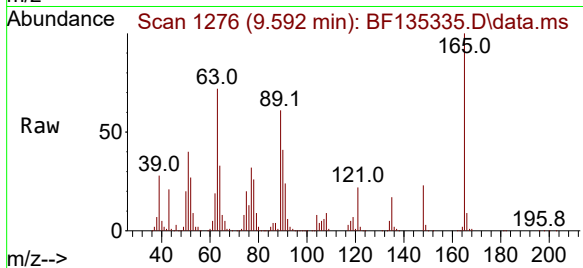
Tgt Ion:163 Resp: 823619
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.589 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

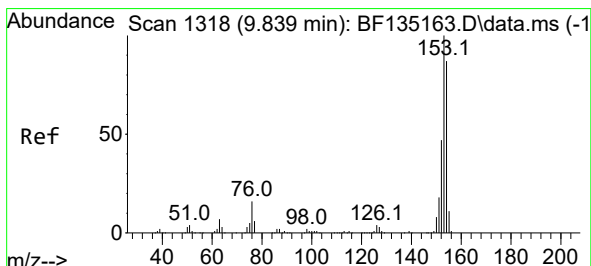
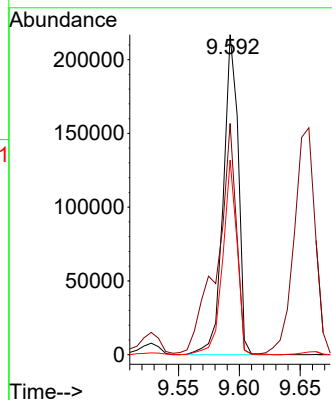
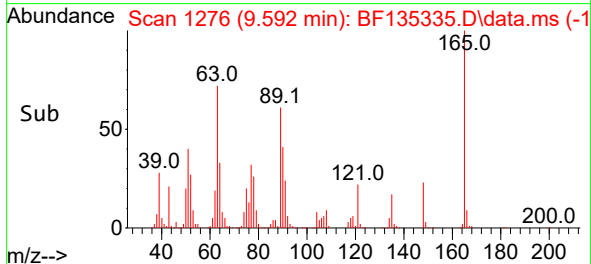
Instrument :
BNA_F
ClientSampleId :
PB155570BS



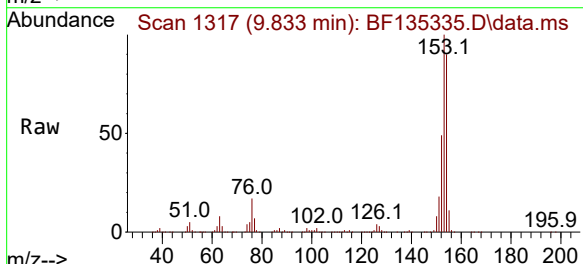
Tgt Ion:165 Resp: 185902
Ion Ratio Lower Upper
165 100
63 72.2 59.4 89.2
89 60.8 49.8 74.8

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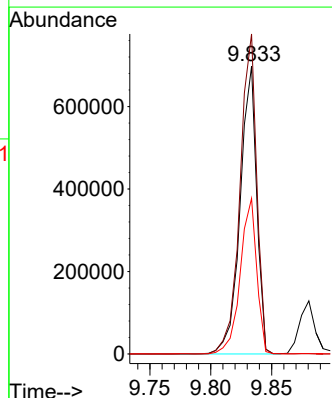
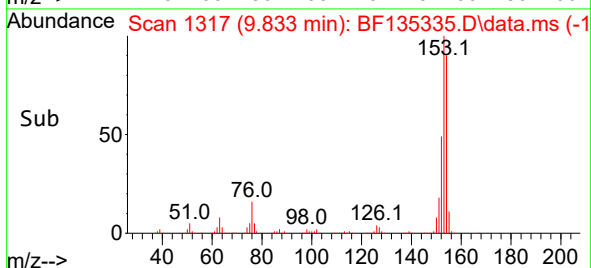
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

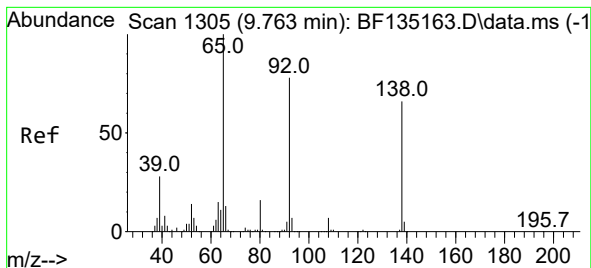


#52
Acenaphthene
Concen: 47.550 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



Tgt Ion:154 Resp: 658833
Ion Ratio Lower Upper
154 100
153 111.2 92.1 138.1
152 54.1 43.1 64.7





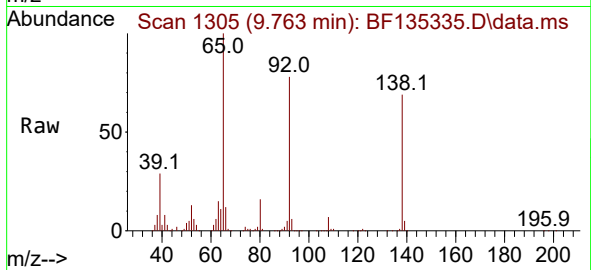
#53
3-Nitroaniline
Concen: 32.694 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

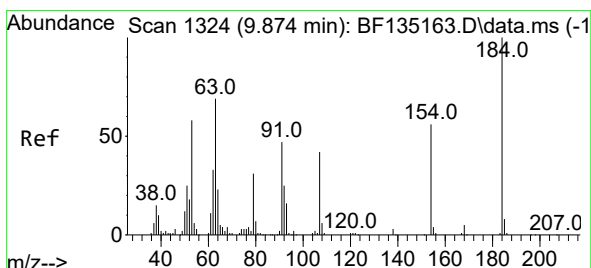
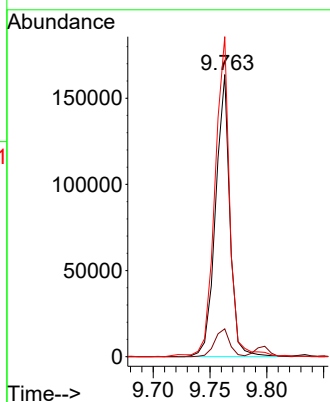
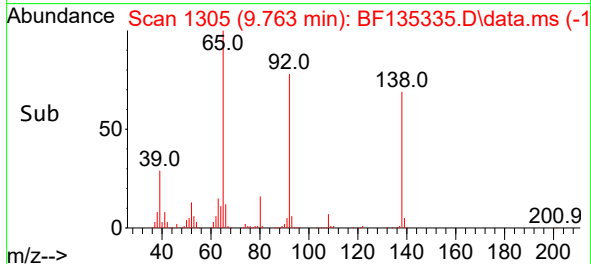


Tgt Ion:138 Resp: 143870
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 113.4 95.4 143.0

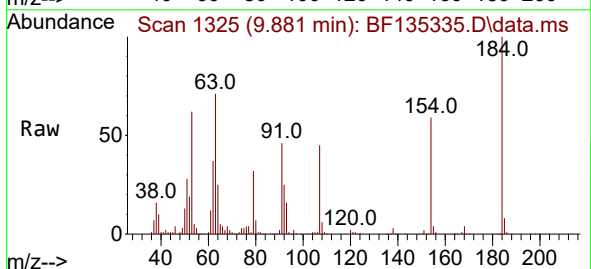
Manual Integrations

APPROVED

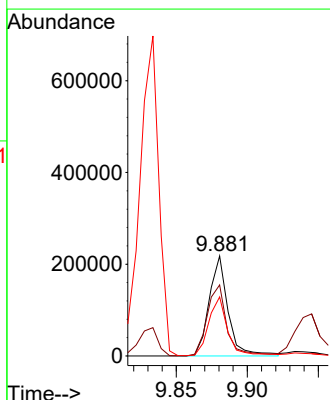
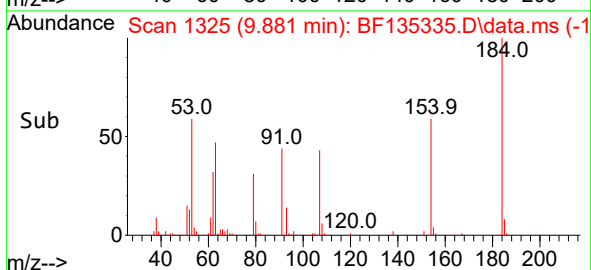
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

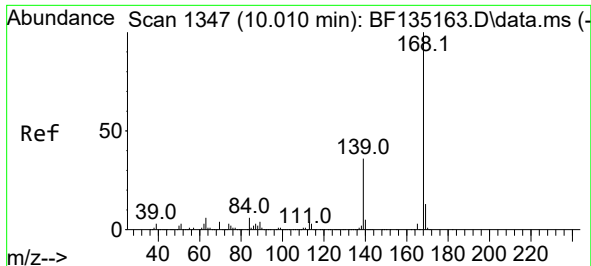


#54
2,4-Dinitrophenol
Concen: 93.744 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.007 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



Tgt Ion:184 Resp: 201983
Ion Ratio Lower Upper
184 100
63 71.1 55.1 82.7
154 59.1 48.4 72.6





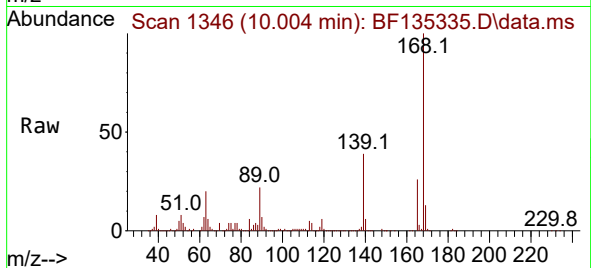
#55
Dibenzenofuran
Concen: 45.257 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

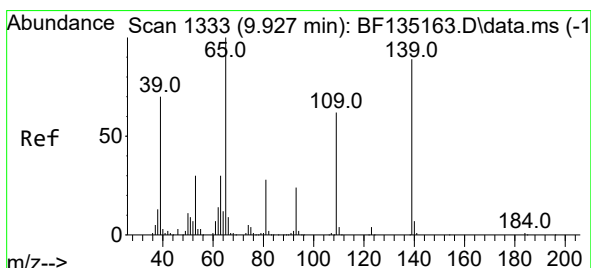
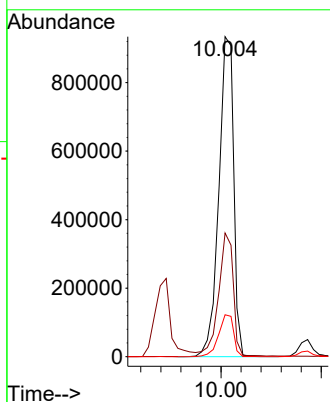
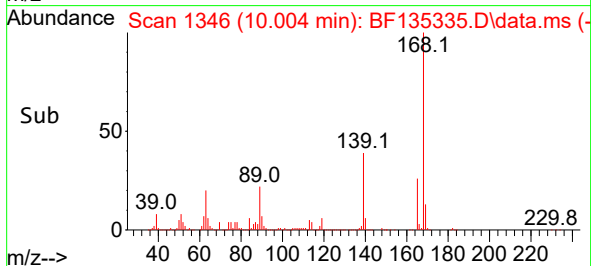
PB155570BS



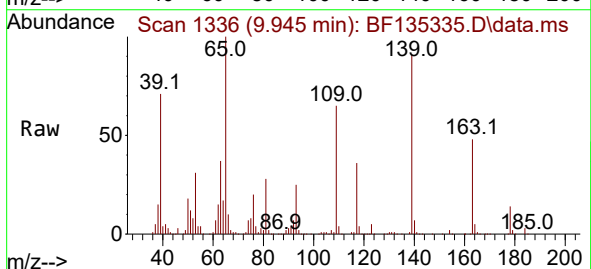
Tgt Ion:168 Resp: 956880
Ion Ratio Lower Upper
168 100
139 38.7 29.0 43.6
169 13.1 10.4 15.6

Manual Integrations
APPROVED

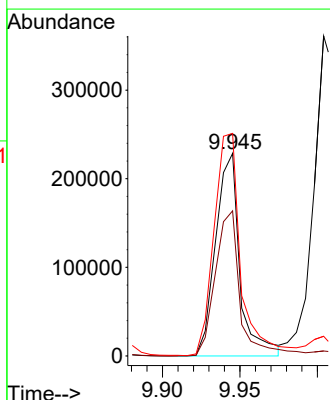
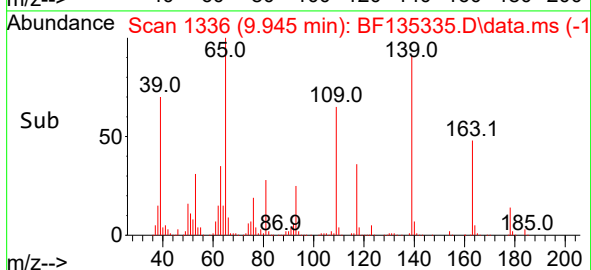
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

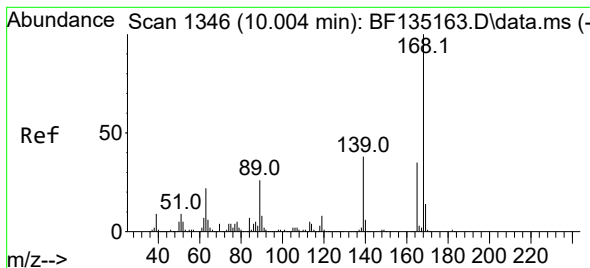


#56
4-Nitrophenol
Concen: 89.084 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



Tgt Ion:139 Resp: 249146
Ion Ratio Lower Upper
139 100
109 71.7 49.8 89.8
65 109.9 92.7 132.7





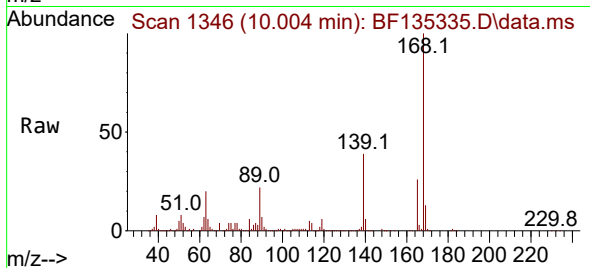
#57
2,4-Dinitrotoluene
Concen: 45.698 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS



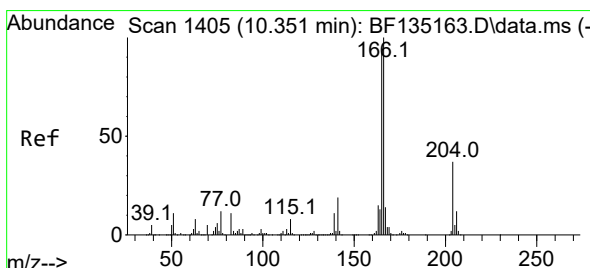
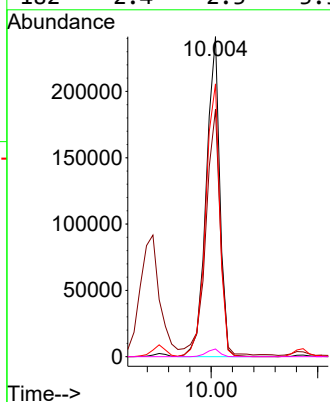
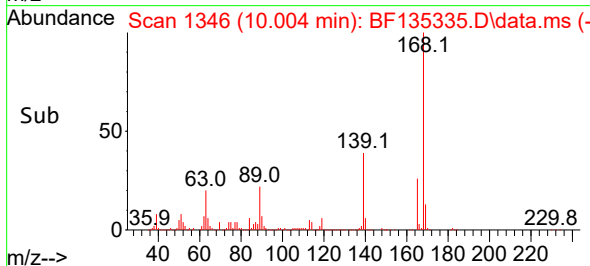
Tgt Ion:165 Resp: 21447
Ion Ratio Lower Upper
165 100
63 77.2 50.1 75.1
89 85.3 59.3 88.9
182 2.4 2.3 3.5

Manual Integrations

APPROVED

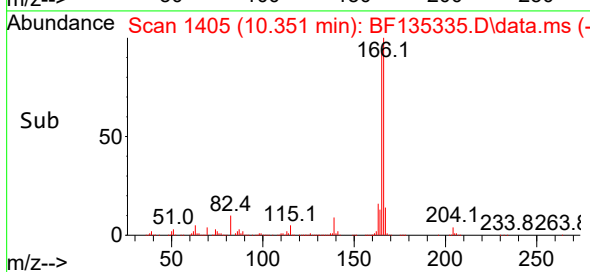
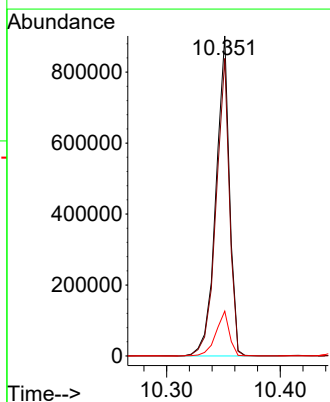
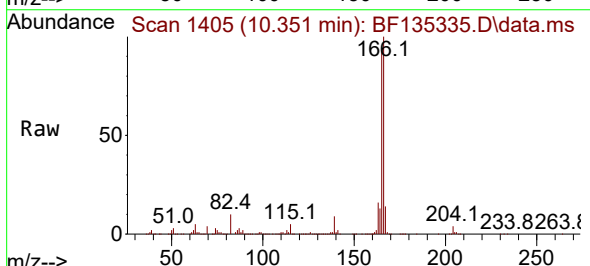
Reviewed By :Yogesh Patel 09/20/2023

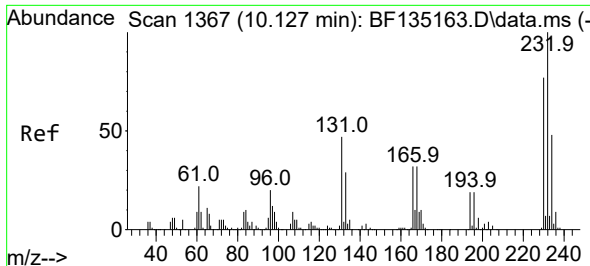
Supervised By :mohammad ahmed 09/20/2023



#58
Fluorene
Concen: 45.954 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

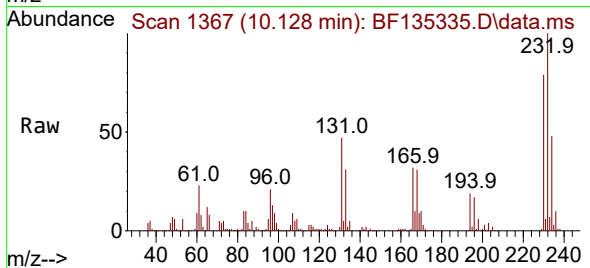
Tgt Ion:166 Resp: 746960
Ion Ratio Lower Upper
166 100
165 93.0 74.3 111.5
167 14.0 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.776 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

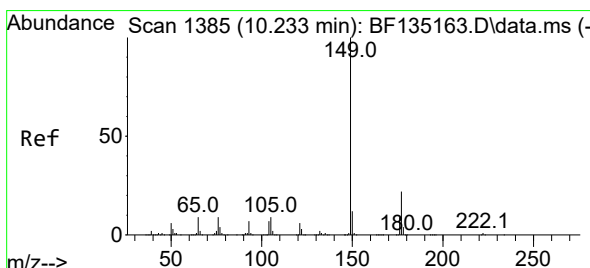
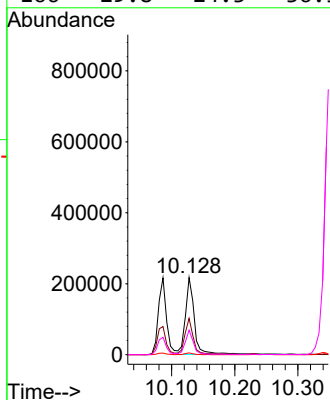
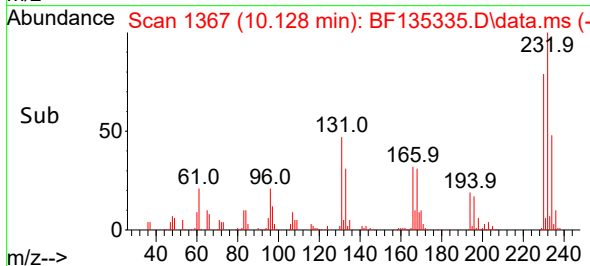
Instrument :
BNA_F
ClientSampleId :
PB155570BS



Tgt Ion:232 Resp: 21170
Ion Ratio Lower Upper
232 100
131 44.3 35.4 53.2
130 2.3 1.8 2.8
166 29.8 24.3 36.5

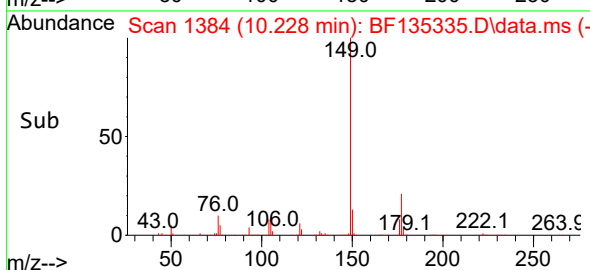
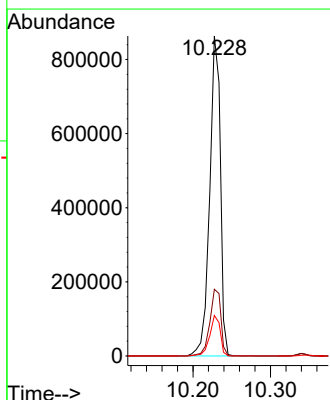
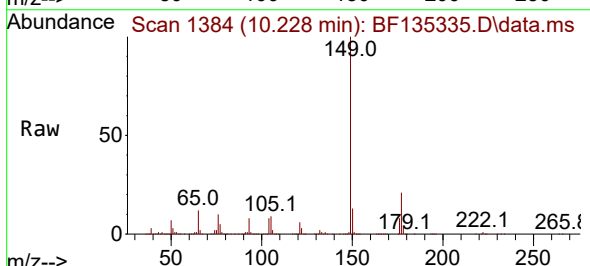
Manual Integrations
APPROVED

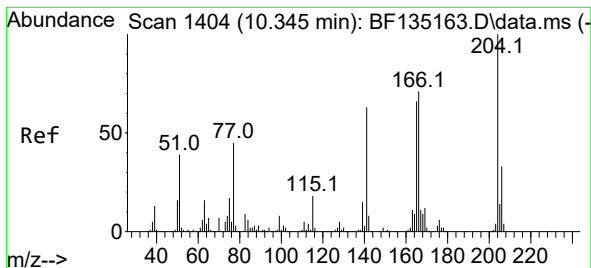
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#60
Diethylphthalate
Concen: 48.119 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Tgt Ion:149 Resp: 826409
Ion Ratio Lower Upper
149 100
177 20.8 17.8 26.6
150 12.6 10.0 15.0





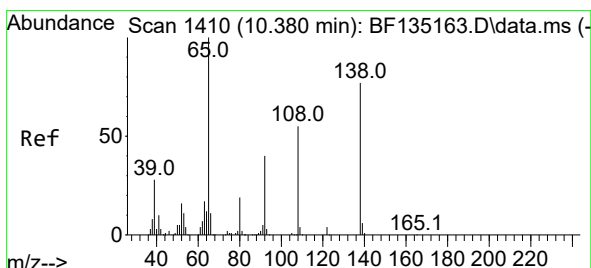
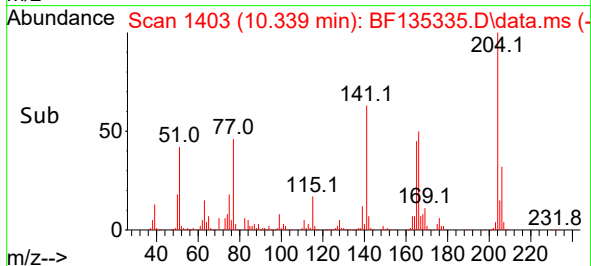
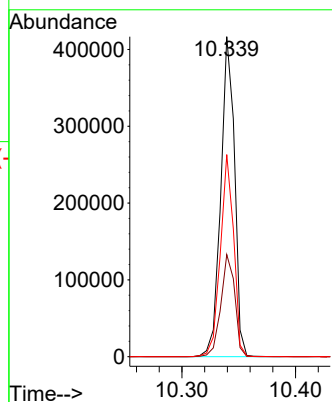
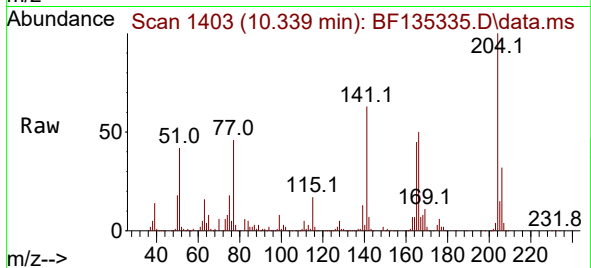
#61
4-Chlorophenyl-phenylether
Concen: 45.067 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :
BNA_F
ClientSampleId :
PB155570BS

Tgt Ion:204 Resp: 35188
Ion Ratio Lower Upper
204 100
206 31.9 26.7 40.1
141 63.1 50.6 75.8

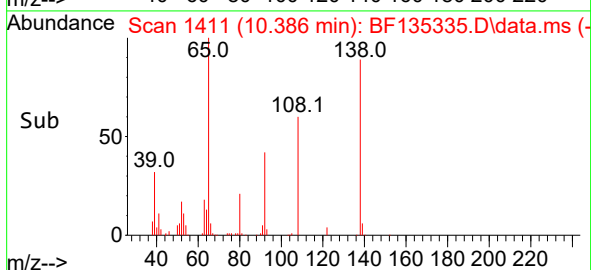
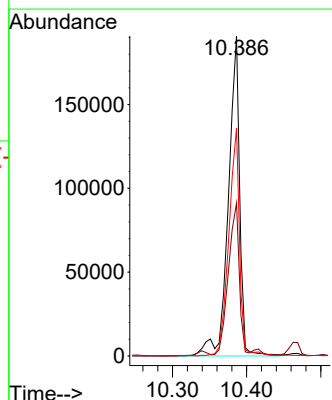
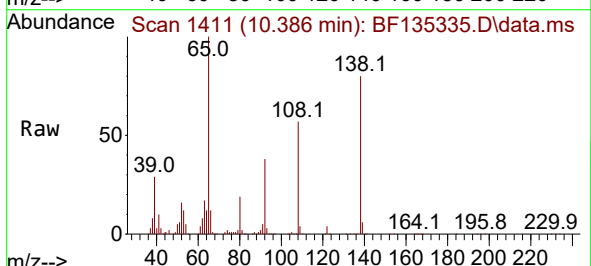
Manual Integrations
APPROVED

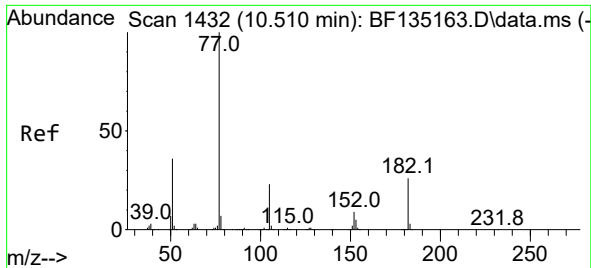
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#62
4-Nitroaniline
Concen: 48.006 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

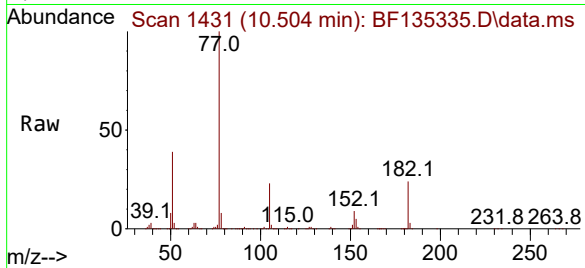
Tgt Ion:138 Resp: 203063
Ion Ratio Lower Upper
138 100
92 47.7 31.8 71.8
108 71.3 52.0 92.0





#63
Azobenzene
Concen: 48.095 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

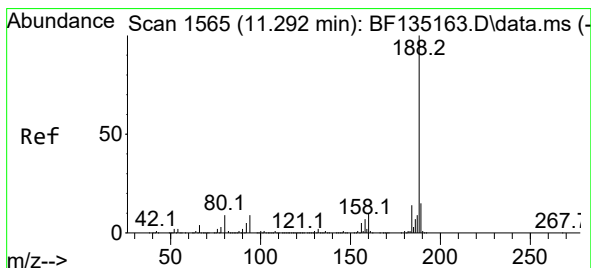
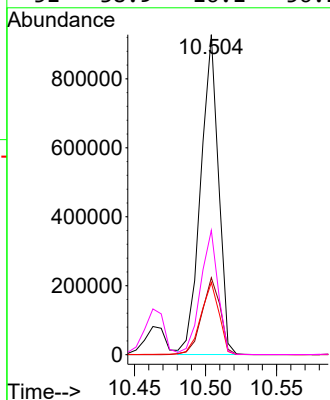
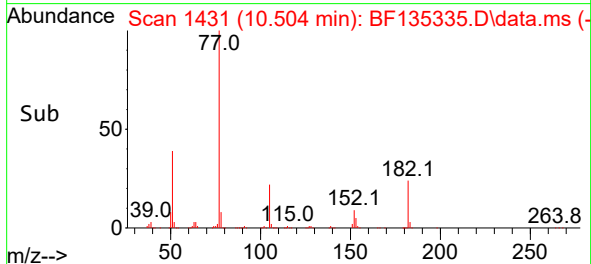
Instrument :
BNA_F
ClientSampleId :
PB155570BS



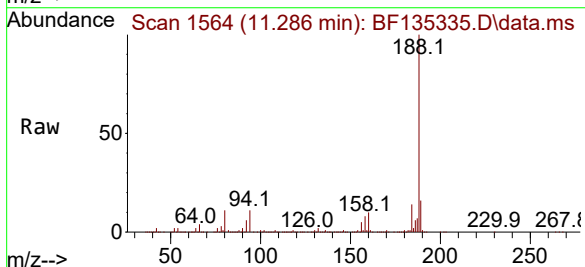
Tgt Ion: 77 Resp: 808409
Ion Ratio Lower Upper
77 100
182 24.0 6.4 46.4
105 22.6 3.1 43.1
51 38.9 16.1 56.1

Manual Integrations
APPROVED

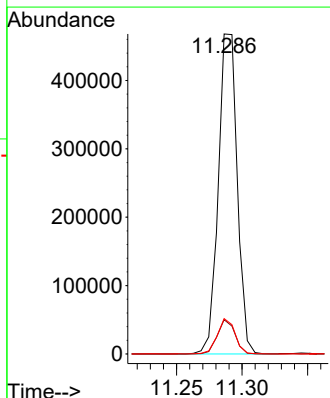
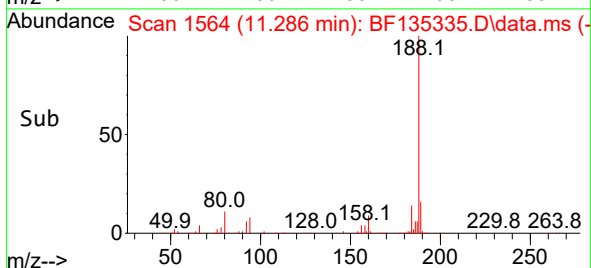
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

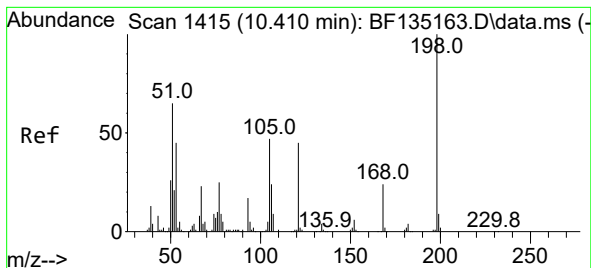


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



Tgt Ion:188 Resp: 469335
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 11.1 7.5 11.3





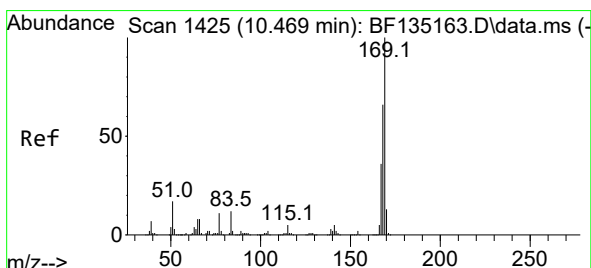
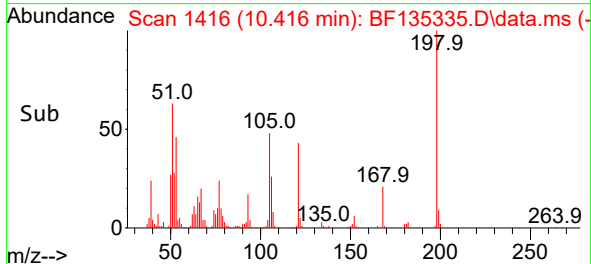
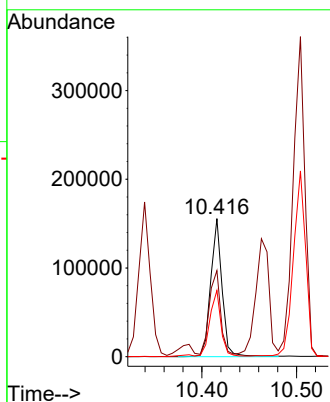
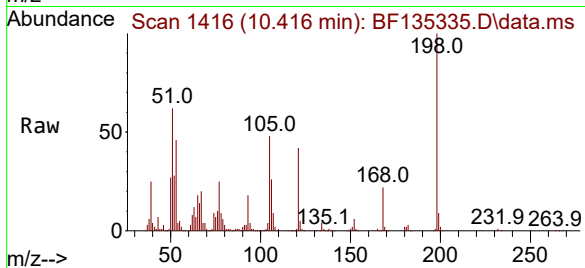
#65
4,6-Dinitro-2-methylphenol
Concen: 51.732 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :
BNA_F
ClientSampleId :
PB155570BS

Tgt Ion:198 Resp: 12895
Ion Ratio Lower Upper
198 100
51 62.4 47.7 87.7
105 48.0 27.4 67.4

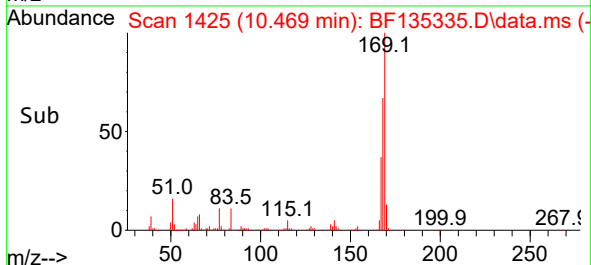
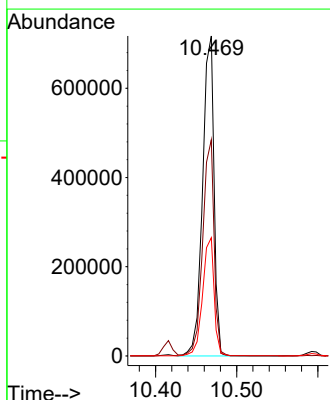
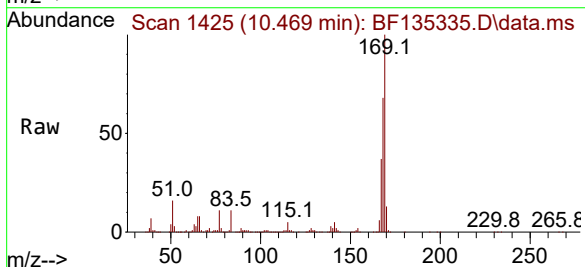
Manual Integrations
APPROVED

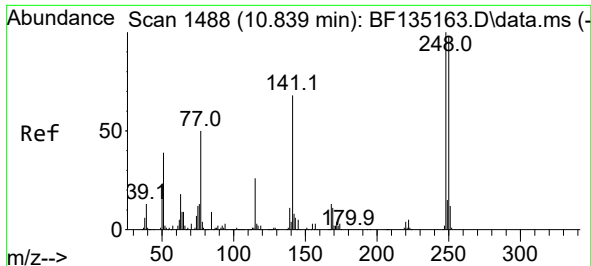
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#66
n-Nitrosodiphenylamine
Concen: 49.247 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Tgt Ion:169 Resp: 699742
Ion Ratio Lower Upper
169 100
168 67.6 52.8 79.2
167 37.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 48.295 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

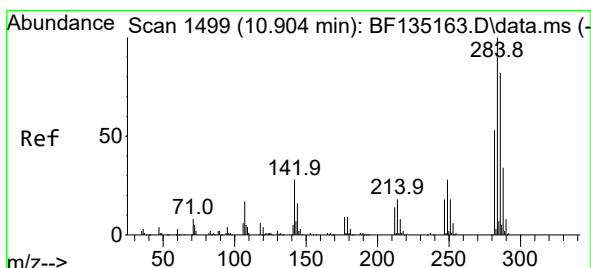
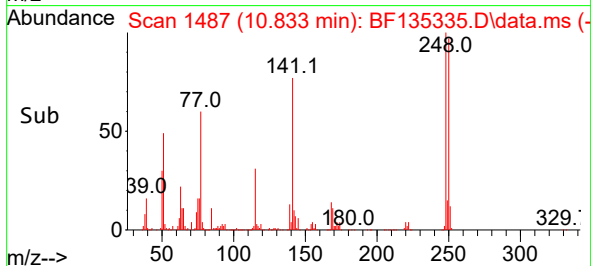
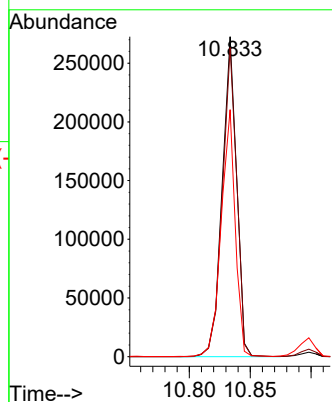
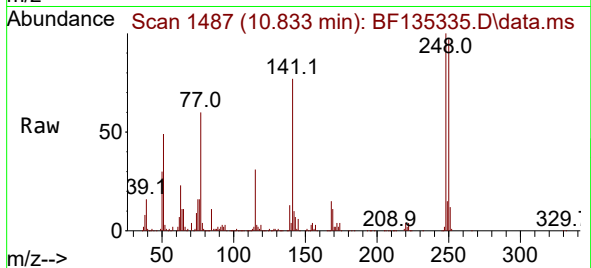
PB155570BS

Tgt Ion:248 Resp: 225430
Ion Ratio Lower Upper
248 100
250 96.6 78.6 117.8
141 77.2 54.2 81.2

Manual Integrations

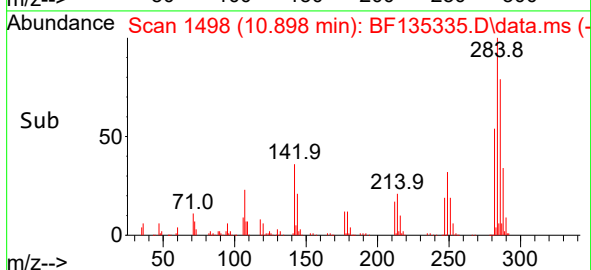
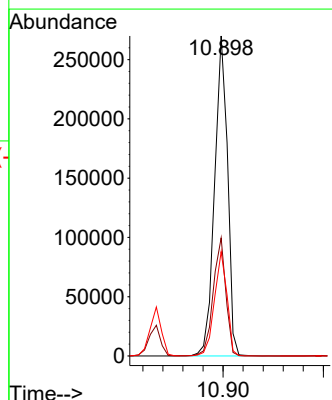
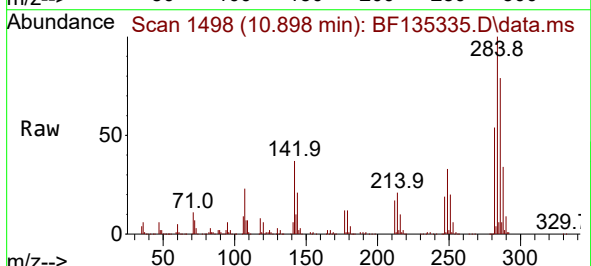
APPROVED

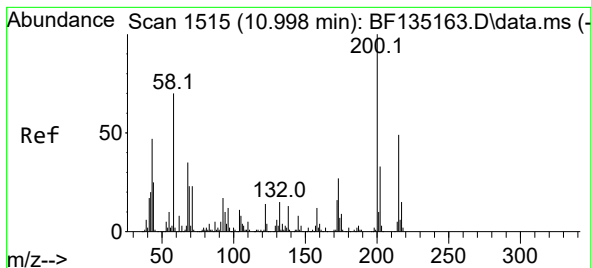
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#68
Hexachlorobenzene
Concen: 50.898 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Tgt Ion:284 Resp: 242045
Ion Ratio Lower Upper
284 100
142 36.9 22.2 33.4#
249 32.6 22.5 33.7





#69

Atrazine

Concen: 56.887 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135335.D

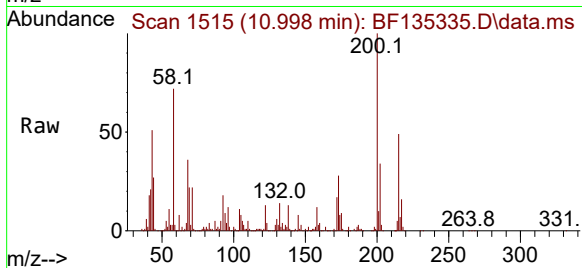
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS



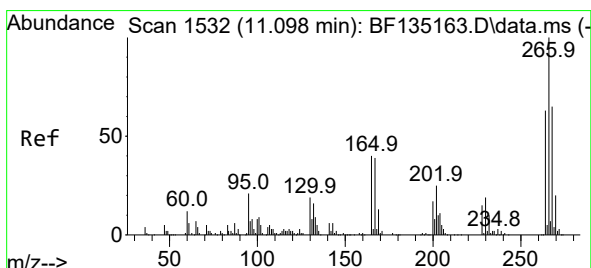
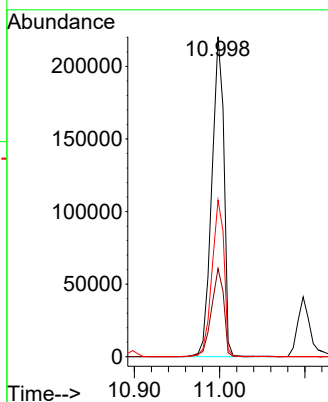
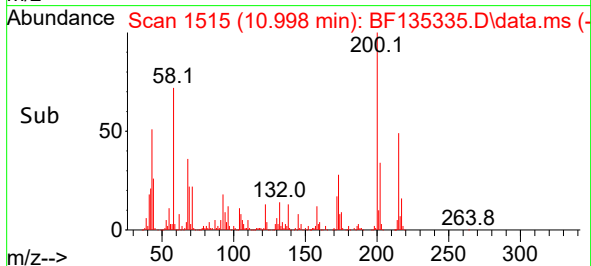
Tgt Ion:	200	Resp:	217492
Ion Ratio	Lower	Upper	
200	100		
173	27.5	7.4	47.4
215	49.0	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#70

Pentachlorophenol

Concen: 84.481 ng

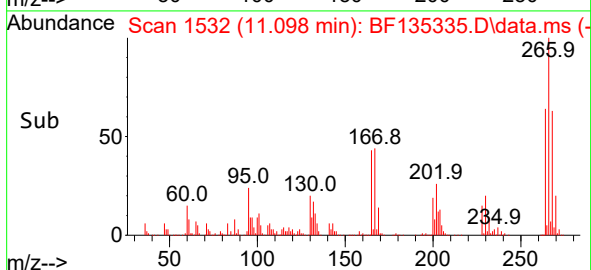
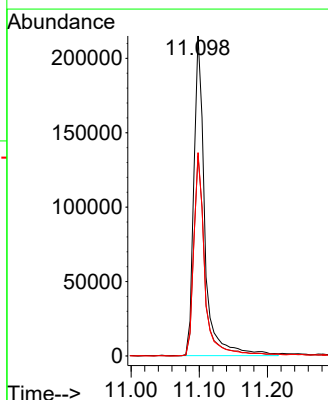
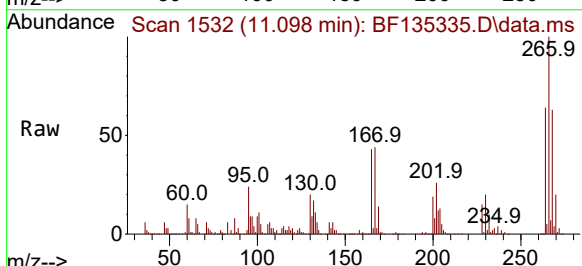
RT: 11.098 min Scan# 1532

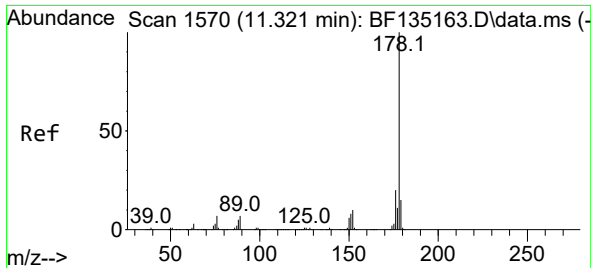
Delta R.T. 0.000 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Tgt Ion:	266	Resp:	240365
Ion Ratio	Lower	Upper	
266	100		
268	62.6	52.1	78.1
264	63.6	50.8	76.2





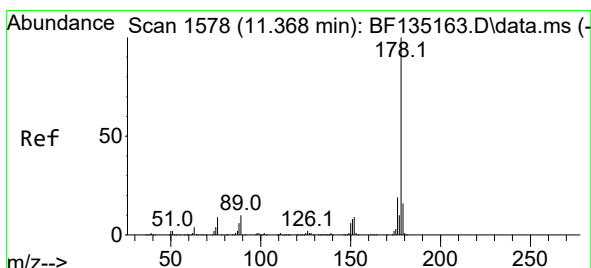
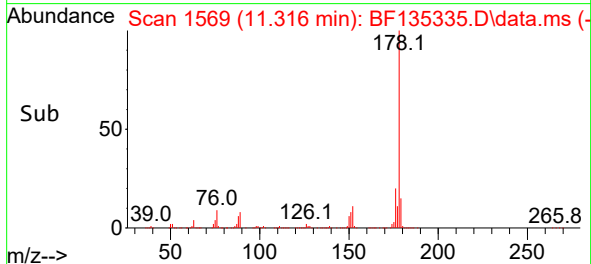
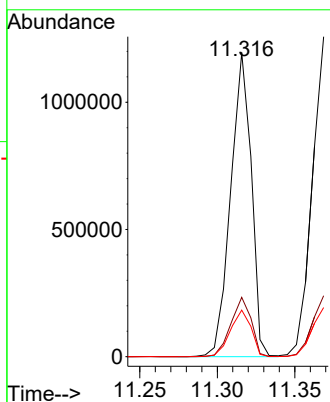
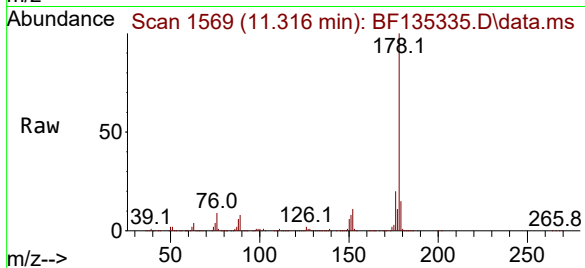
#71
Phenanthrene
Concen: 49.762 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :
BNA_F
ClientSampleId :
PB155570BS

Tgt Ion:178 Resp: 1104590
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.3 12.0 18.0

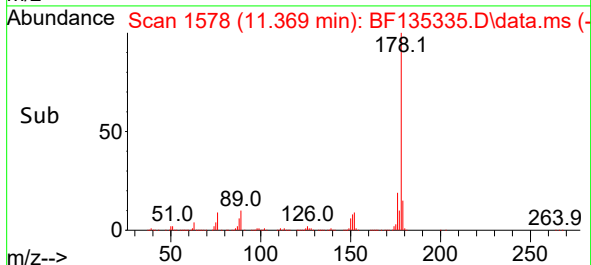
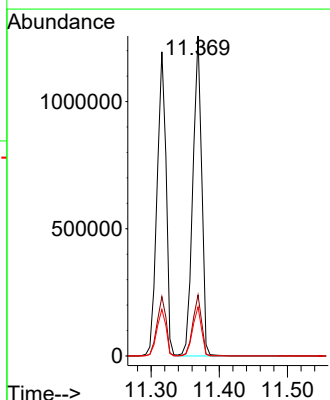
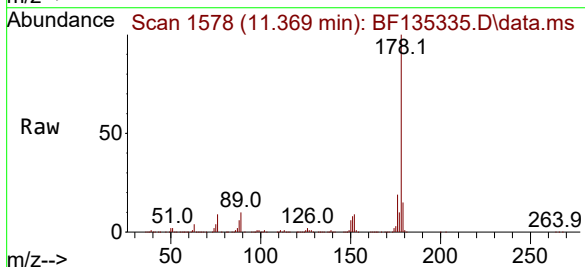
Manual Integrations
APPROVED

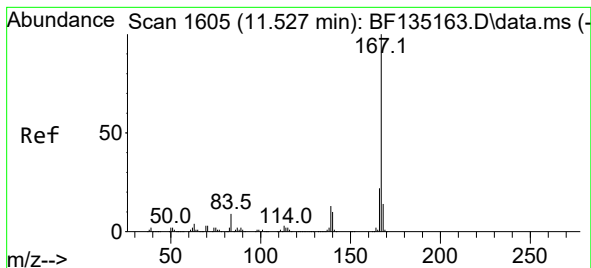
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#72
Anthracene
Concen: 49.045 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Tgt Ion:178 Resp: 1119040
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.6 19.0





#73

Carbazole

Concen: 49.850 ng

RT: 11.527 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

Tgt Ion:167 Resp: 103541

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

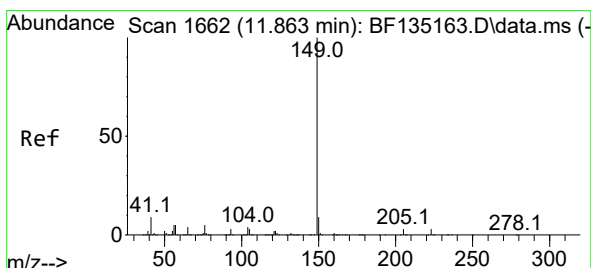
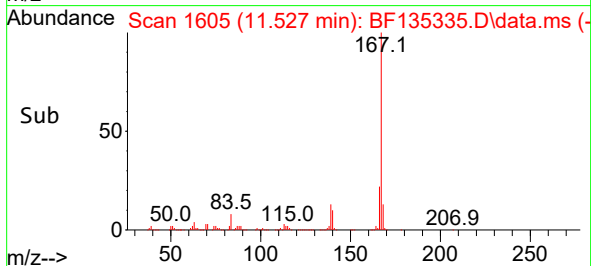
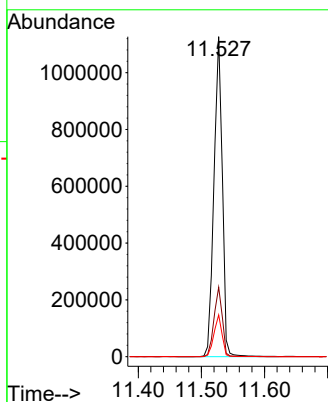
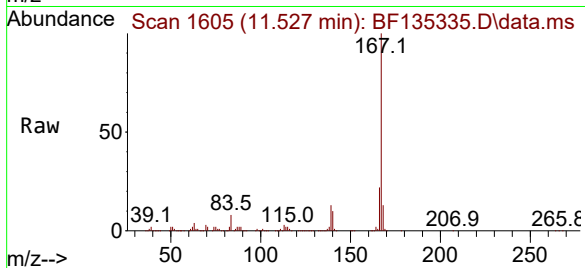
139 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#74

Di-n-butylphthalate

Concen: 50.588 ng

RT: 11.857 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

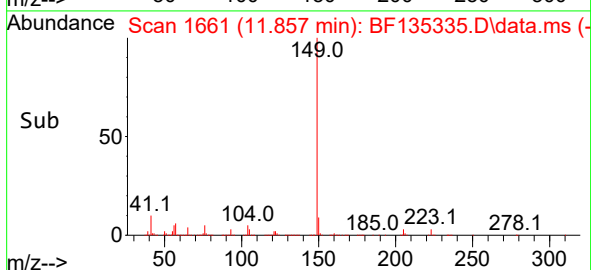
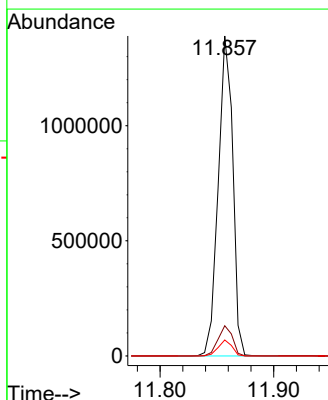
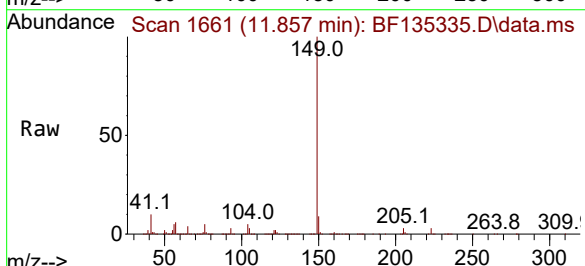
Tgt Ion:149 Resp: 1238125

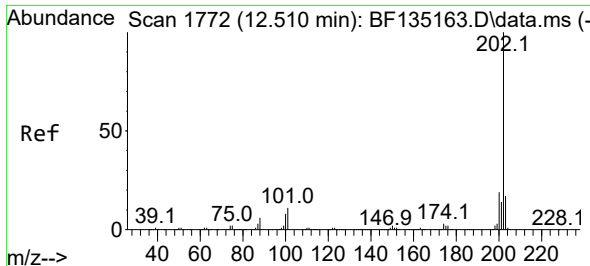
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

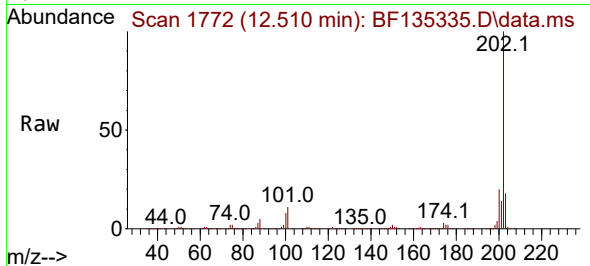
104 5.0 3.6 5.4





#75
Fluoranthene
Concen: 47.633 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

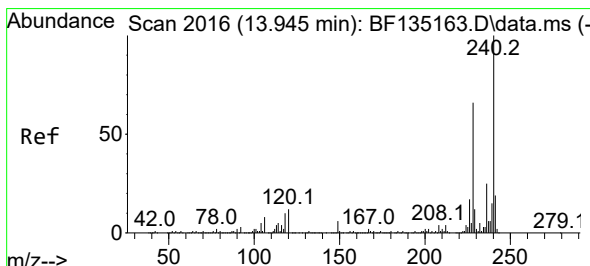
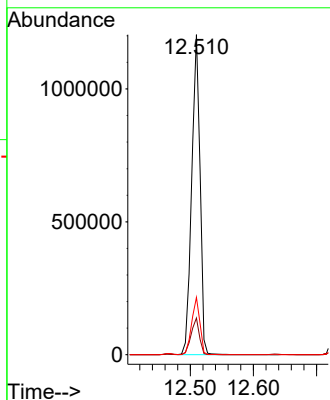
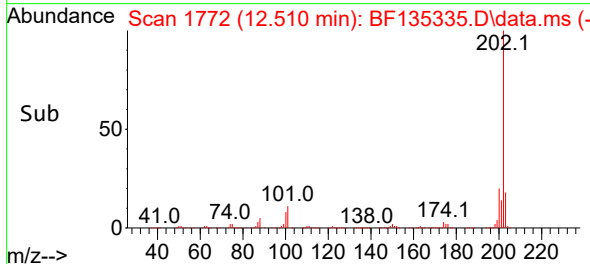
Instrument :
BNA_F
ClientSampleId :
PB155570BS



Tgt Ion:202 Resp: 1101744
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.3
203 17.9 0.0 37.4

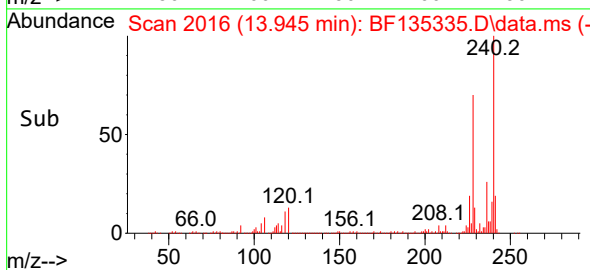
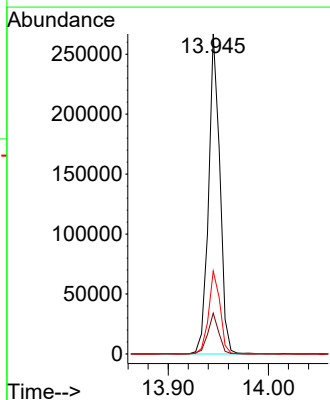
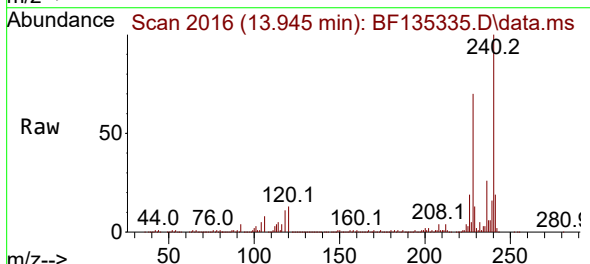
Manual Integrations
APPROVED

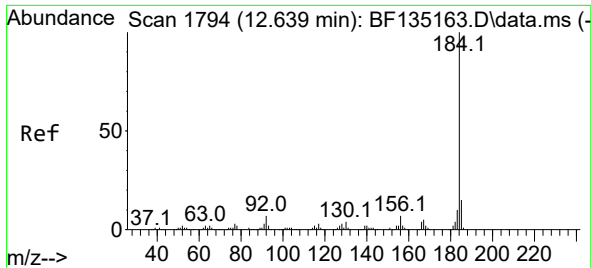
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

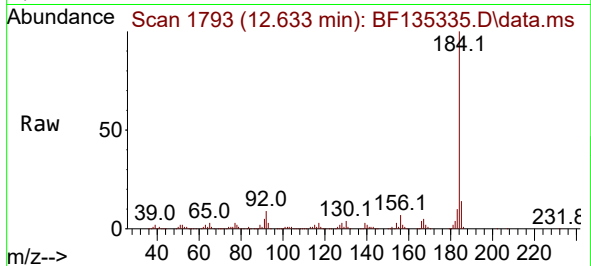
Tgt Ion:240 Resp: 209444
Ion Ratio Lower Upper
240 100
120 12.7 9.4 14.2
236 26.0 19.8 29.8





#77
Benzidine
Concen: 88.112 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

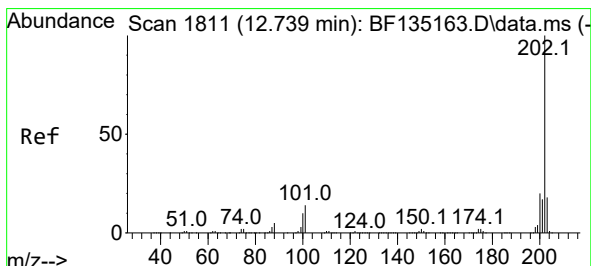
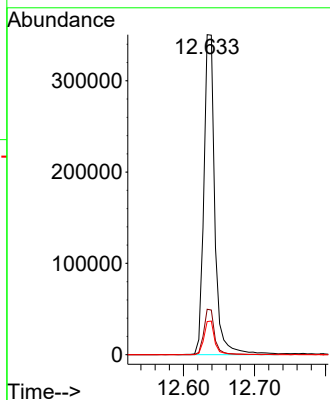
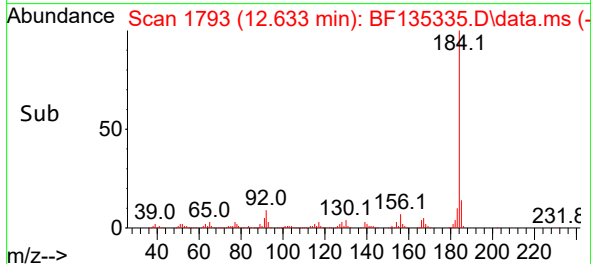
Instrument :
BNA_F
ClientSampleId :
PB155570BS



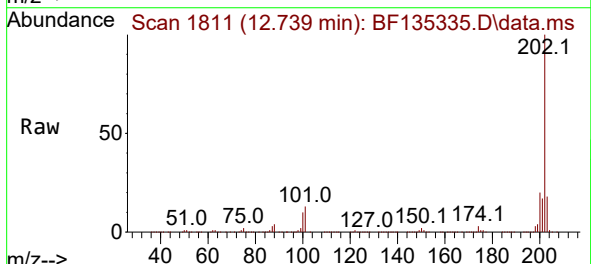
Tgt Ion:184 Resp: 378075
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.3 8.2 12.4

Manual Integrations
APPROVED

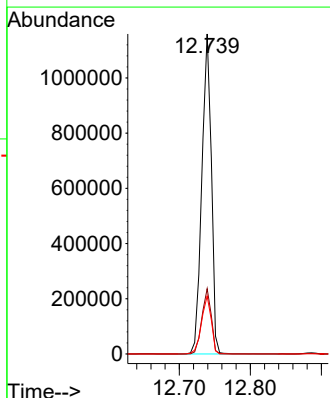
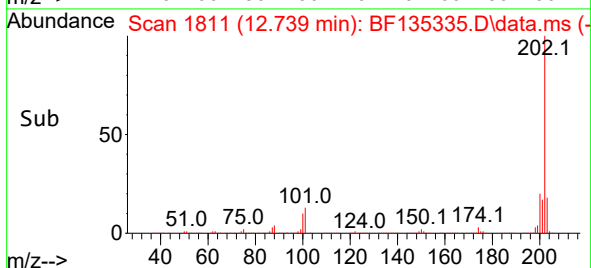
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

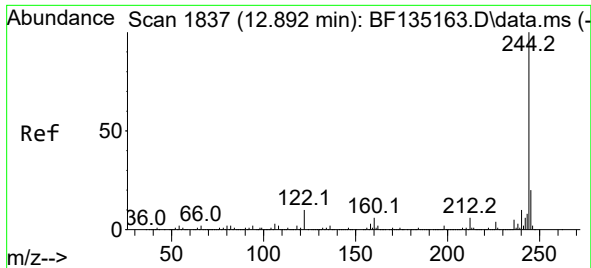


#78
Pyrene
Concen: 54.381 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14



Tgt Ion:202 Resp: 1084395
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 18.1 14.2 21.4





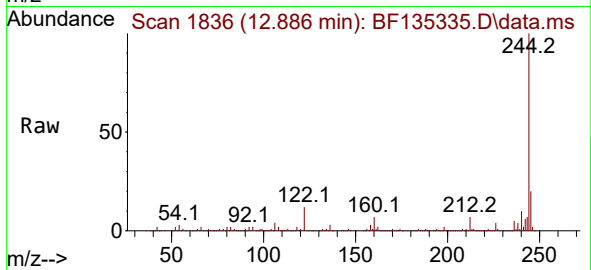
#79
 Terphenyl-d14
 Concen: 98.133 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135335.D
 Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

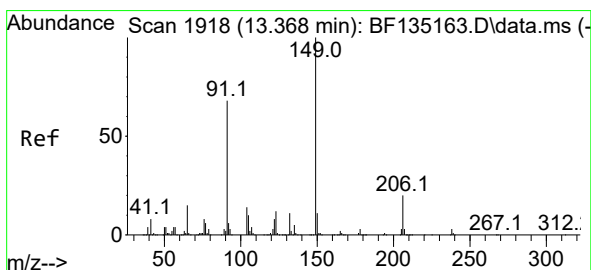
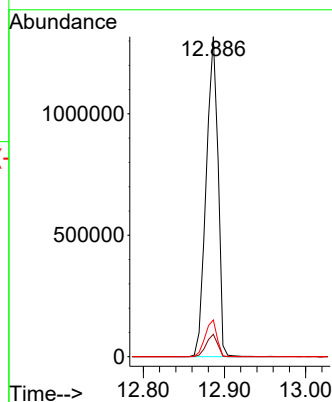
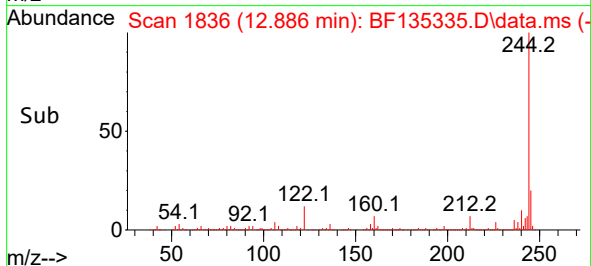


Tgt Ion:244 Resp: 132586
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.5 7.9 11.9

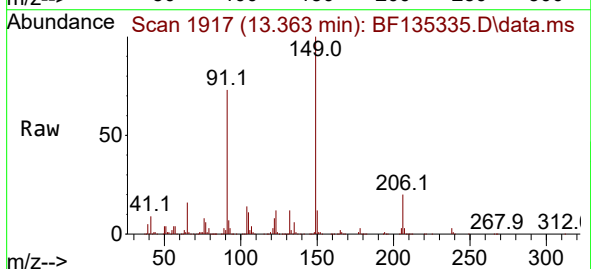
Manual Integrations

APPROVED

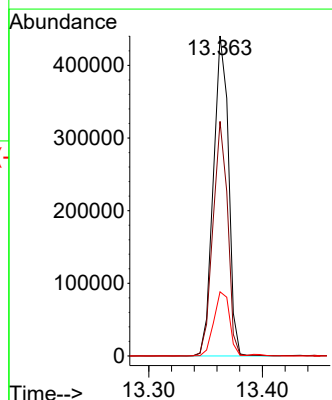
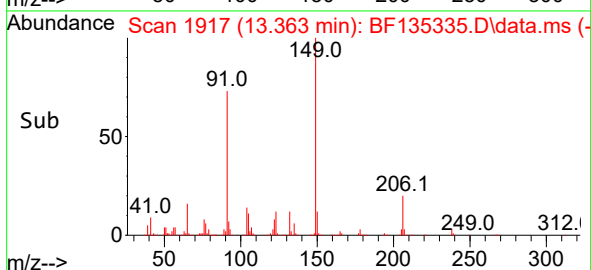
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

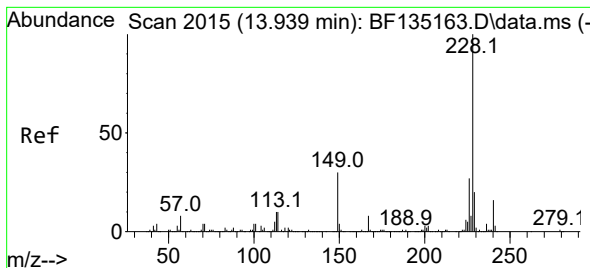


#80
 Butylbenzylphthalate
 Concen: 58.315 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135335.D
 Acq: 19 Sep 2023 15:14



Tgt Ion:149 Resp: 409416
 Ion Ratio Lower Upper
 149 100
 91 73.3 54.7 82.1
 206 20.1 16.3 24.5





#81

Benzo(a)anthracene

Concen: 50.239 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135335.D

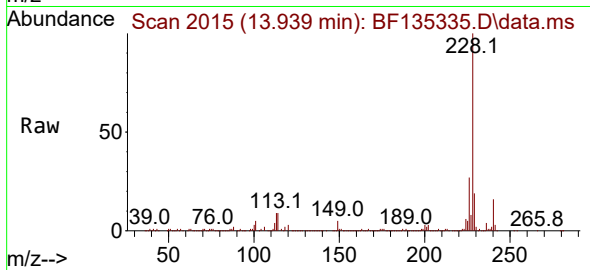
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS



Tgt Ion:228 Resp: 679440

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

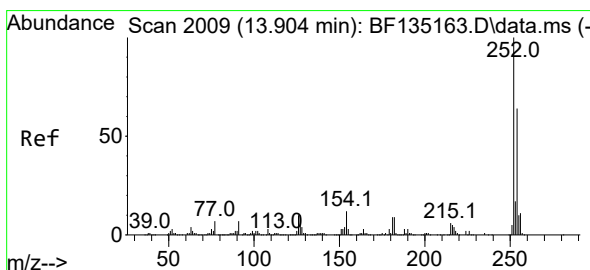
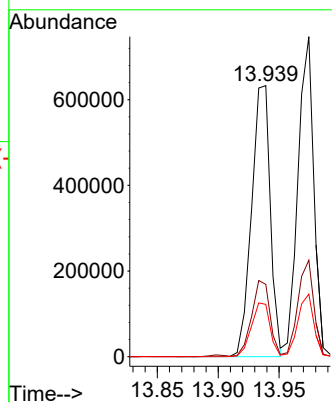
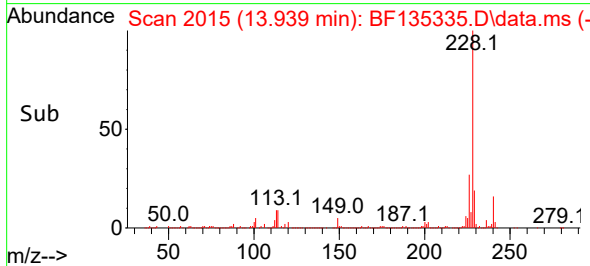
229 19.3 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#82

3,3'-Dichlorobenzidine

Concen: 48.272 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

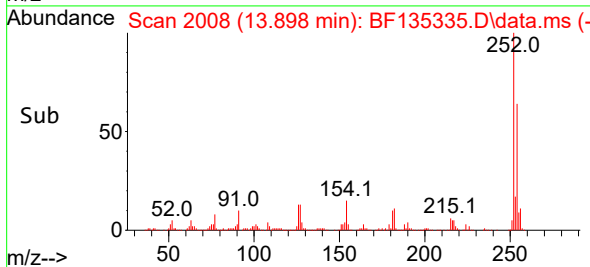
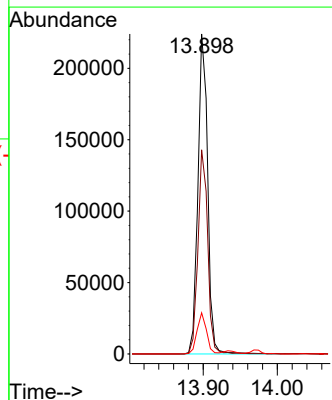
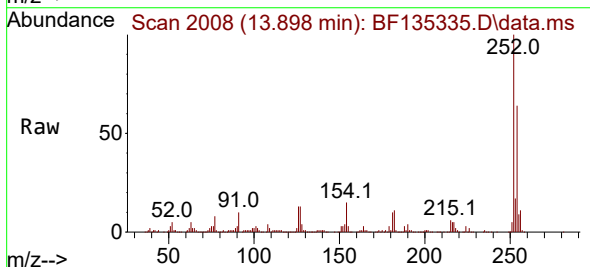
Tgt Ion:252 Resp: 203921

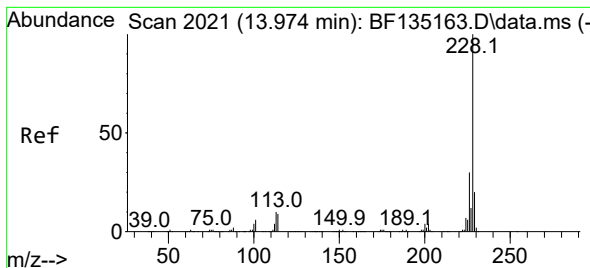
Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.4

126 12.8 7.8 11.8#





#83

Chrysene

Concen: 50.520 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

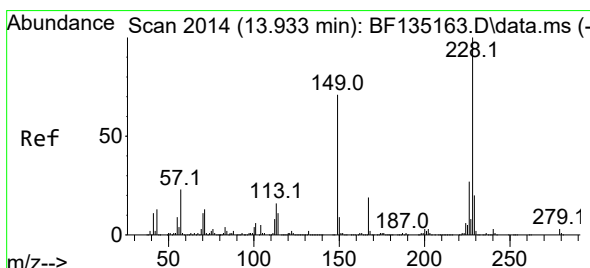
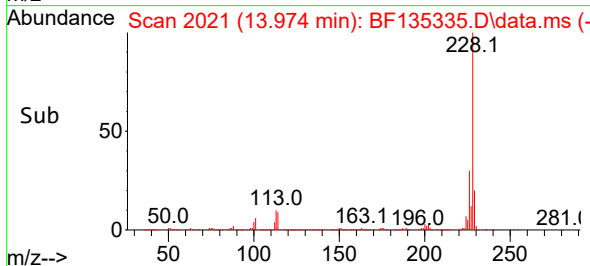
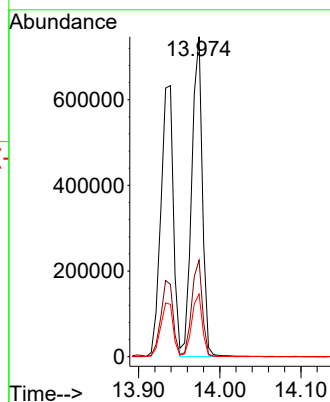
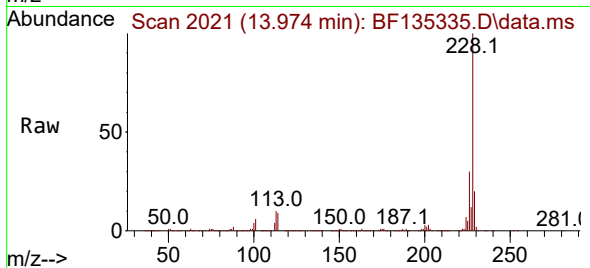
PB155570BS

Tgt Ion:228 Resp: 679304
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 19.6 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: 62.757 ng

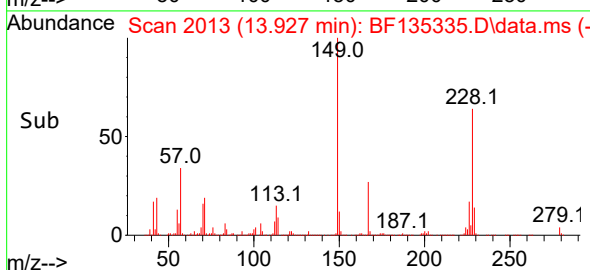
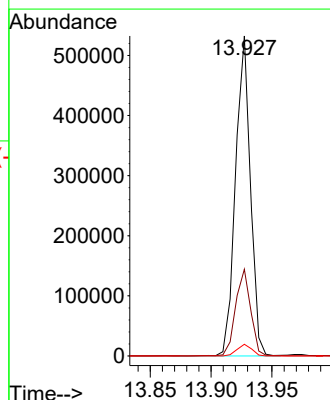
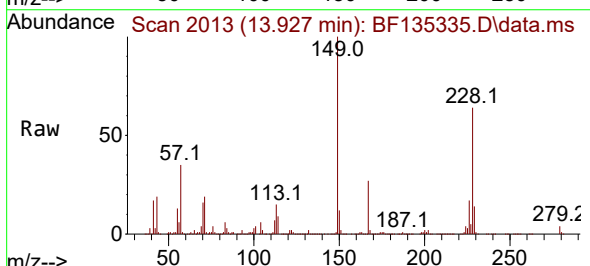
RT: 13.927 min Scan# 2013

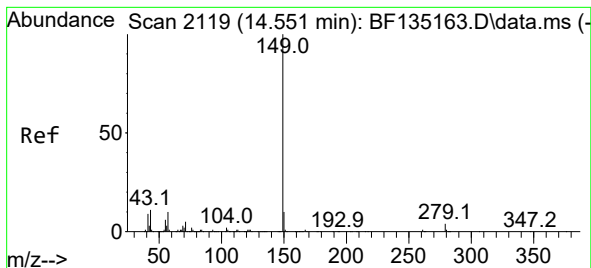
Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Tgt Ion:149 Resp: 452136
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.9 32.9
 279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 63.044 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

PB155570BS

Tgt Ion:149 Resp: 72181

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

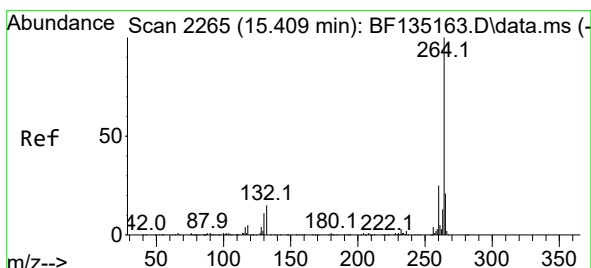
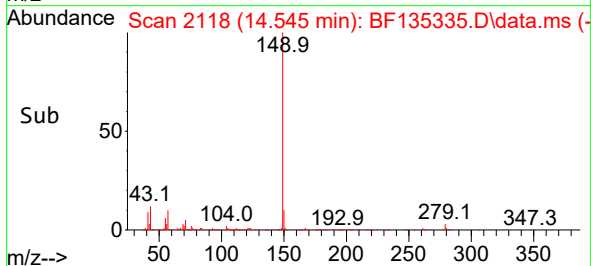
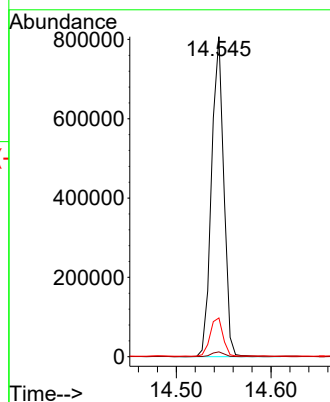
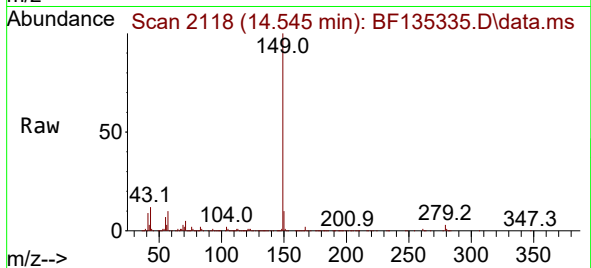
43 12.6 9.8 14.6

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: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135335.D

Acq: 19 Sep 2023 15:14

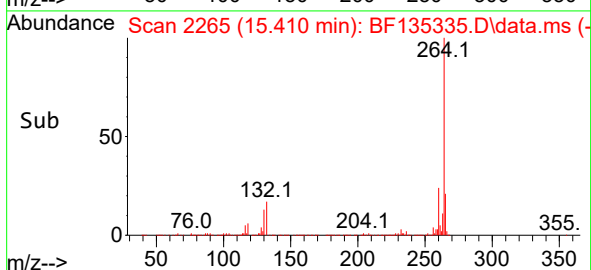
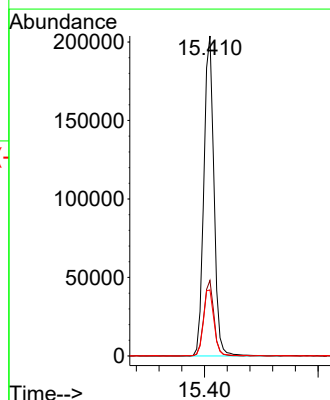
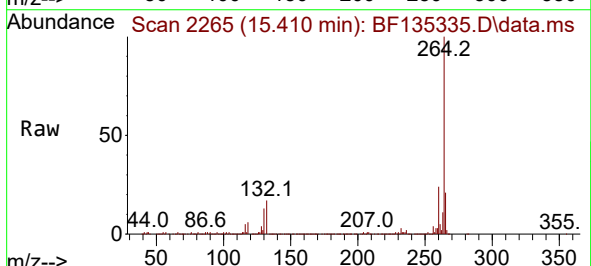
Tgt Ion:264 Resp: 250854

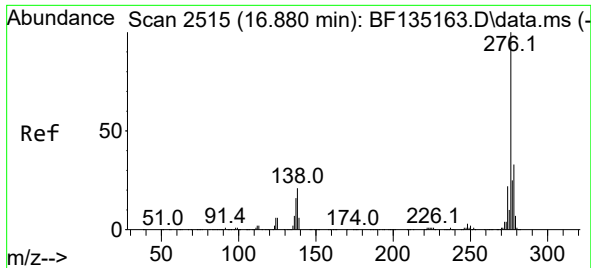
Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

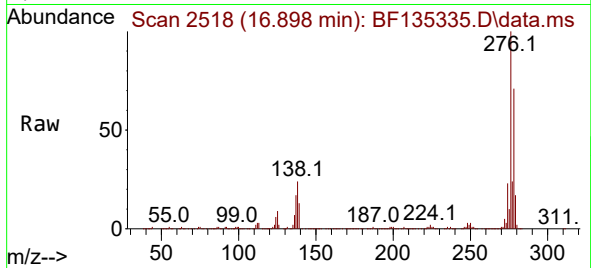
265 20.7 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.350 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.018 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

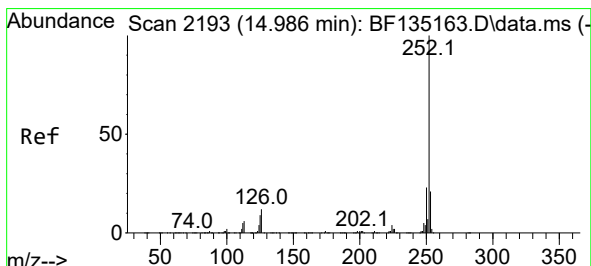
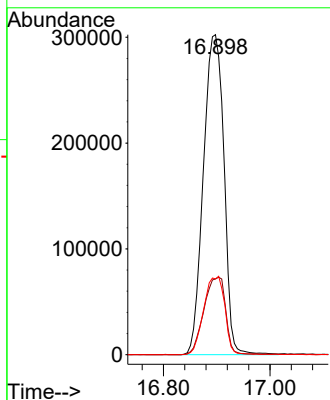
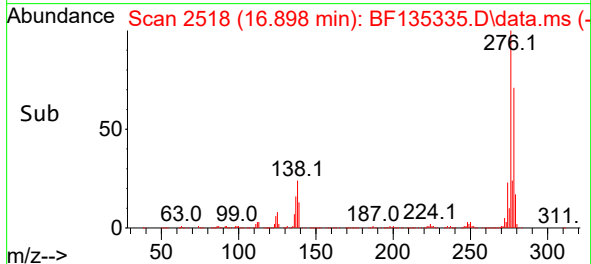
Instrument :
BNA_F
ClientSampleId :
PB155570BS



Tgt Ion: 276 Resp: 81169
Ion Ratio Lower Upper
276 100
138 25.4 19.2 28.8
277 25.0 19.7 29.5

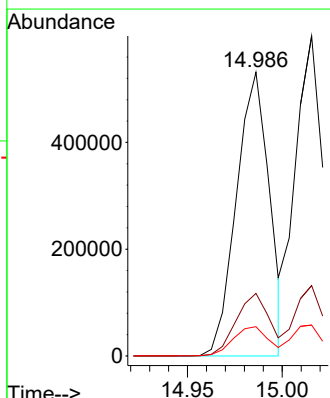
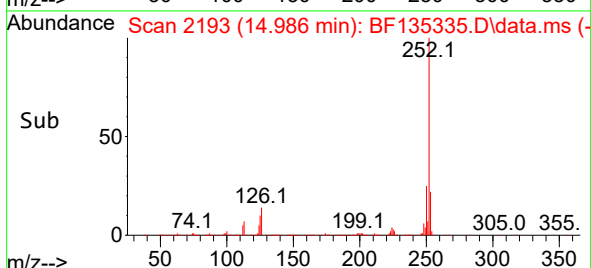
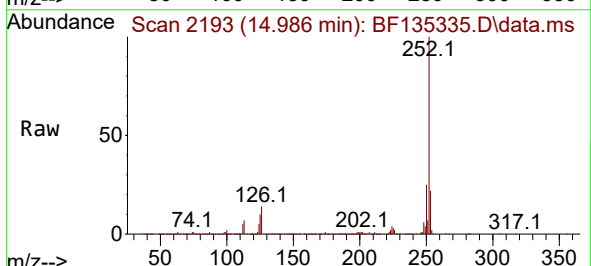
Manual Integrations
APPROVED

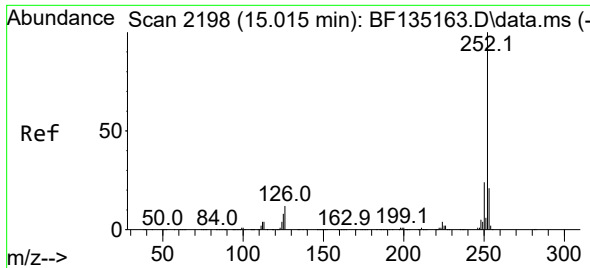
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#88
Benzo(b)fluoranthene
Concen: 47.393 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Tgt Ion: 252 Resp: 643575
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.3 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 45.773 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

ClientSampleId :

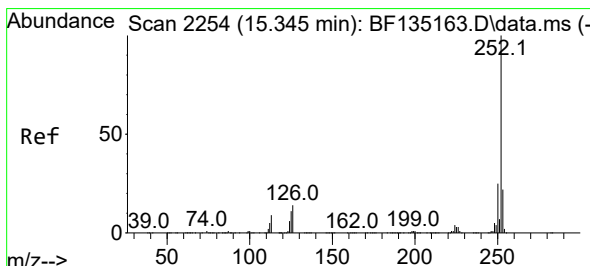
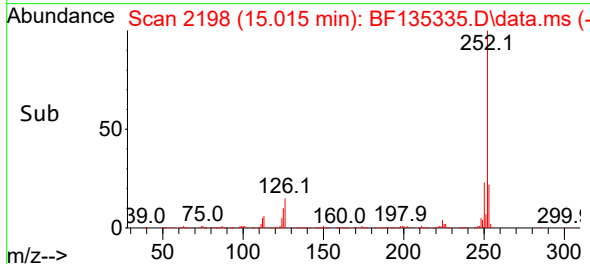
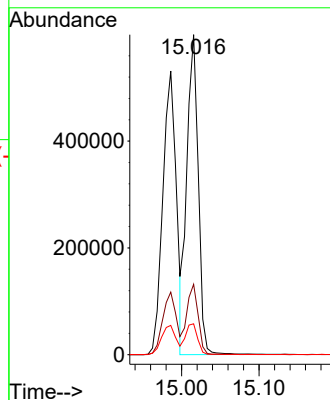
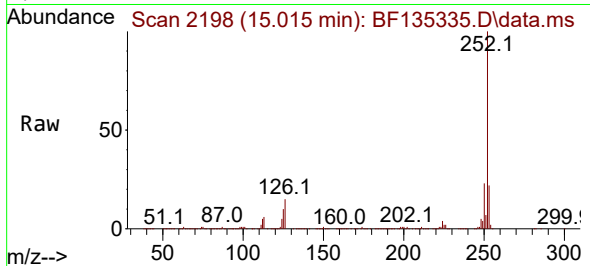
PB155570BS

Tgt Ion:252 Resp: 61400
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.6 7.2 10.8

Manual Integrations

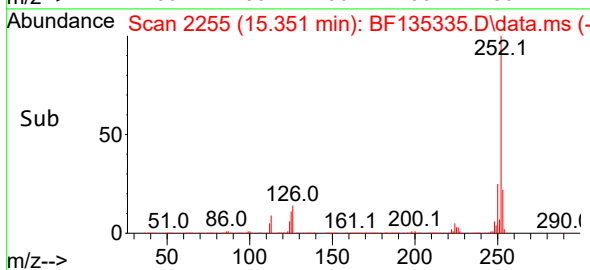
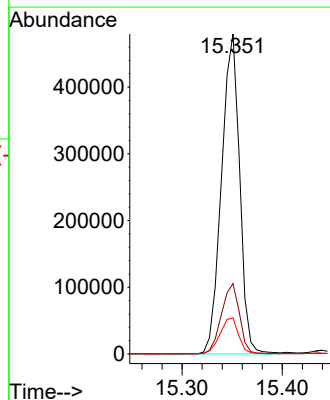
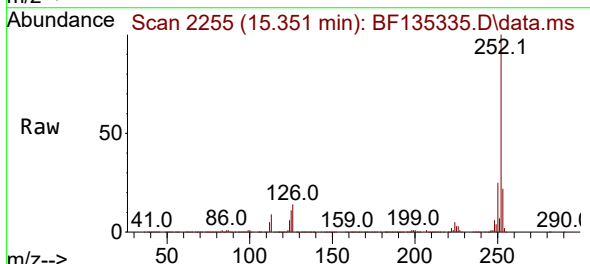
APPROVED

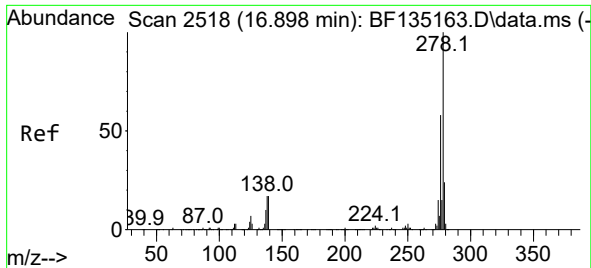
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#90
Benzo(a)pyrene
Concen: 46.441 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Tgt Ion:252 Resp: 601411
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.3 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 48.180 ng
RT: 16.909 min Scan# 2520
Delta R.T. 0.012 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Instrument :

BNA_F

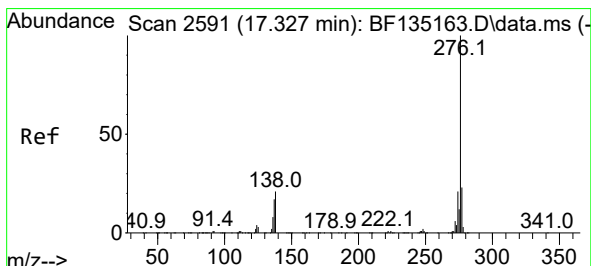
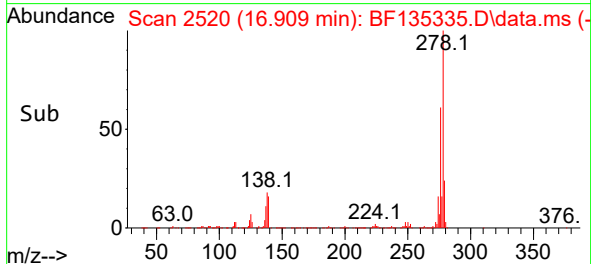
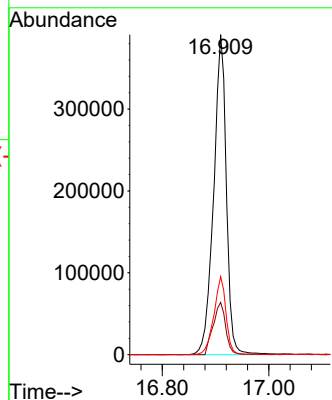
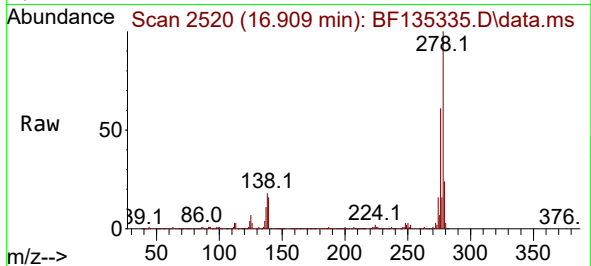
ClientSampleId :

PB155570BS

Tgt Ion:278 Resp: 64839
Ion Ratio Lower Upper
278 100
139 16.4 13.4 20.0
279 24.4 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: 47.830 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF135335.D
Acq: 19 Sep 2023 15:14

Tgt Ion:276 Resp: 672239
Ion Ratio Lower Upper
276 100
277 24.4 18.8 28.2
138 21.6 16.9 25.3

