

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135043.D
 Acq On : 31 Aug 2023 15:57
 Operator : CG\JU
 Sample : PB155174BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155174BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Aug 31 16:21:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	122882	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	518635	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	268102	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	512102	20.000	ng	0.00
76) Chrysene-d12	13.968	240	304440	20.000	ng	0.00
86) Perylene-d12	15.433	264	253846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1032807	129.823	ng	0.02
7) Phenol-d6	6.422	99	1286800	129.770	ng	0.00
23) Nitrobenzene-d5	7.339	82	812868	88.053	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	369737	130.006	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1434756	87.129	ng	0.00
79) Terphenyl-d14	12.910	244	1649402	88.413	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	123999	36.796	ng	99
3) Pyridine	3.334	79	327011	35.995	ng	99
4) n-Nitrosodimethylamine	3.293	42	200676	45.168	ng	94
6) Aniline	6.439	93	393964	32.049	ng	# 80
8) 2-Chlorophenol	6.563	128	418175	51.740	ng	98
9) Benzaldehyde	6.328	77	148520	29.395	ng	95
10) Phenol	6.433	94	486722	46.755	ng	93
11) bis(2-Chloroethyl)ether	6.516	93	375190	47.862	ng	98
12) 1,3-Dichlorobenzene	6.716	146	407000	48.878	ng	99
13) 1,4-Dichlorobenzene	6.792	146	414143	49.692	ng	99
14) 1,2-Dichlorobenzene	6.939	146	394397	50.712	ng	99
15) Benzyl Alcohol	6.922	79	348436	51.289	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	629619	47.962	ng	100
17) 2-Methylphenol	7.033	107	329023	46.717	ng	97
18) Hexachloroethane	7.281	117	153887	49.847	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	267788	45.464	ng	93
20) 3+4-Methylphenols	7.186	107	385826	46.436	ng	95
22) Acetophenone	7.186	105	532473	46.158	ng	100
24) Nitrobenzene	7.357	77	428186	45.217	ng	96
25) Isophorone	7.598	82	780280	44.580	ng	98
26) 2-Nitrophenol	7.675	139	223899	47.856	ng	100
27) 2,4-Dimethylphenol	7.716	122	333022	44.212	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	474102	44.903	ng	99
29) 2,4-Dichlorophenol	7.916	162	340307	47.536	ng	100
30) 1,2,4-Trichlorobenzene	7.998	180	364182	47.074	ng	100
31) Naphthalene	8.075	128	1137580	44.901	ng	99
32) Benzoic acid	7.857	122	309525	51.369	ng	96
33) 4-Chloroaniline	8.127	127	232536	20.984	ng	96
34) Hexachlorobutadiene	8.192	225	203225	46.288	ng	98
35) Caprolactam	8.510	113	117631m	50.184	ng	
36) 4-Chloro-3-methylphenol	8.622	107	373539	48.040	ng	100
37) 2-Methylnaphthalene	8.769	142	740565	43.809	ng	99
38) 1-Methylnaphthalene	8.869	142	710960	44.949	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	336681	44.860	ng	99
41) Hexachlorocyclopentadiene	8.922	237	321901	100.771	ng	97
43) 2,4,6-Trichlorophenol	9.051	196	243195	48.249	ng	99

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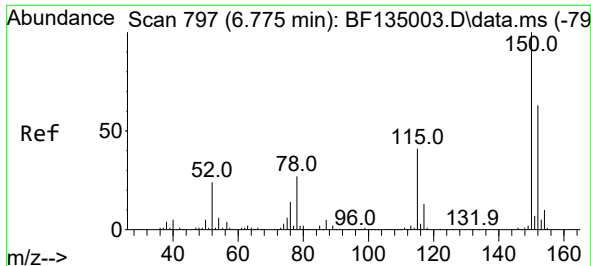
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	257765	44.173	ng	# 94
46) 1,1'-Biphenyl	9.239	154	932702	45.534	ng	100
47) 2-Chloronaphthalene	9.263	162	720782	46.793	ng	99
48) 2-Nitroaniline	9.363	65	249595	47.335	ng	91
49) Acenaphthylene	9.674	152	1091355	46.870	ng	100
50) Dimethylphthalate	9.545	163	867376	46.204	ng	99
51) 2,6-Dinitrotoluene	9.610	165	194745	47.277	ng	89
52) Acenaphthene	9.851	154	664064	44.752	ng	99
53) 3-Nitroaniline	9.774	138	150147	31.291	ng	97
54) 2,4-Dinitrophenol	9.892	184	225872	114.731	ng	# 86
55) Dibenzofuran	10.021	168	956161	44.669	ng	100
56) 4-Nitrophenol	9.951	139	333346	98.829	ng	95
57) 2,4-Dinitrotoluene	10.016	165	245841	47.890	ng	95
58) Fluorene	10.369	166	755625	46.304	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	223686	49.780	ng	99
60) Diethylphthalate	10.251	149	810908	45.888	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	356018	44.106	ng	95
62) 4-Nitroaniline	10.398	138	215359	45.869	ng	97
63) Azobenzene	10.521	77	806192	45.308	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	155072	50.034	ng	94
66) n-Nitrosodiphenylamine	10.486	169	696347	43.732	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	238775	43.960	ng	97
68) Hexachlorobenzene	10.916	284	265600	47.290	ng	97
70) Pentachlorophenol	11.116	266	265251	78.064	ng	100
71) Phenanthrene	11.333	178	1180233	44.673	ng	100
72) Anthracene	11.386	178	1216125	45.053	ng	99
73) Carbazole	11.545	167	1092783	46.937	ng	99
74) Di-n-butylphthalate	11.880	149	1274045	45.396	ng	100
75) Fluoranthene	12.527	202	1264611	47.343	ng	100
77) Benzidine	12.651	184	325604	59.330	ng	98
78) Pyrene	12.757	202	1280680	44.306	ng	100
80) Butylbenzylphthalate	13.386	149	517433	49.552	ng	99
81) Benzo(a)anthracene	13.957	228	949891	45.740	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	260574	41.582	ng	98
83) Chrysene	13.992	228	950684	46.582	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	591789	54.761	ng	100
85) Di-n-octyl phthalate	14.568	149	949261	57.549	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	822632	48.112	ng	98
88) Benzo(b)fluoranthene	15.009	252	832479	52.706	ng	98
89) Benzo(k)fluoranthene	15.039	252	738704	48.411	ng	98
90) Benzo(a)pyrene	15.374	252	679922	46.339	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	662686	47.854	ng	99
92) Benzo(g,h,i)perylene	17.368	276	675467	46.898	ng	99

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

Manual Integrations

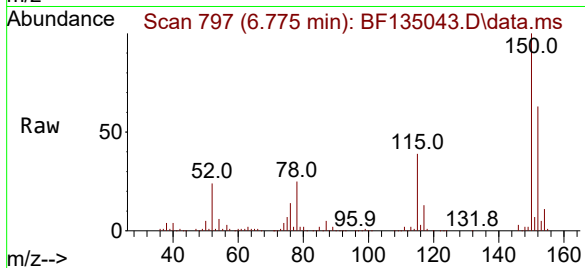
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

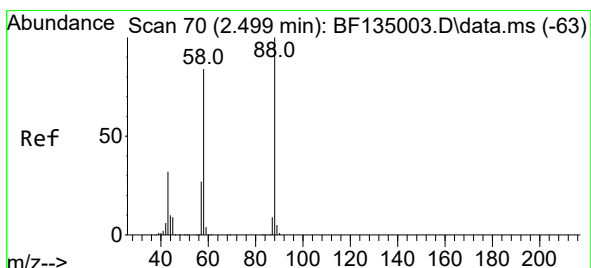
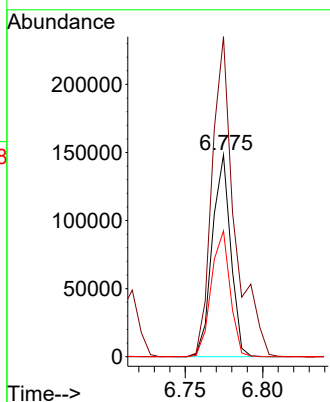
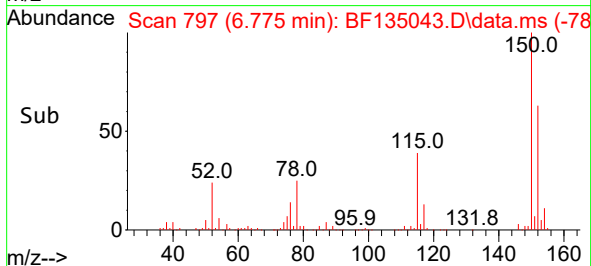
Instrument :
BNA_F
ClientSampleId :
PB155174BS



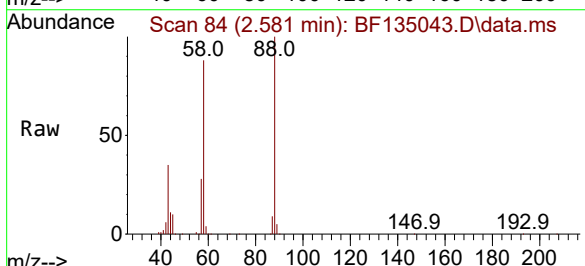
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Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.4
115 62.3 51.2 76.8

Manual Integrations
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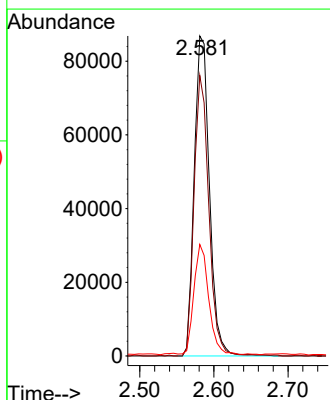
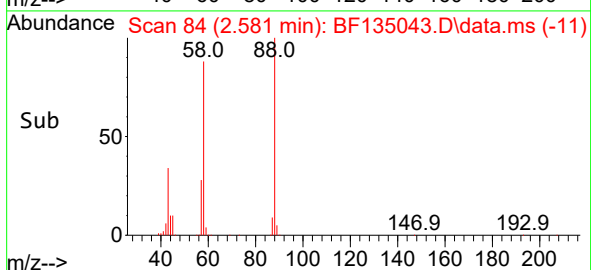
Reviewed By :Yogesh Patel 09/01/2023
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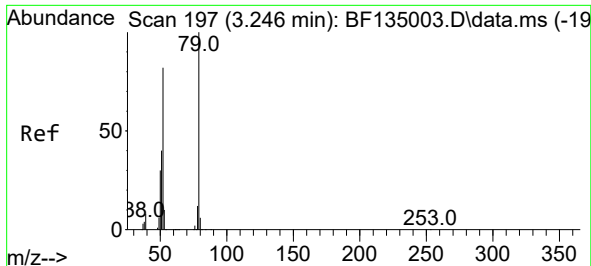


#2
1,4-Dioxane
Concen: 36.796 ng
RT: 2.581 min Scan# 84
Delta R.T. 0.082 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



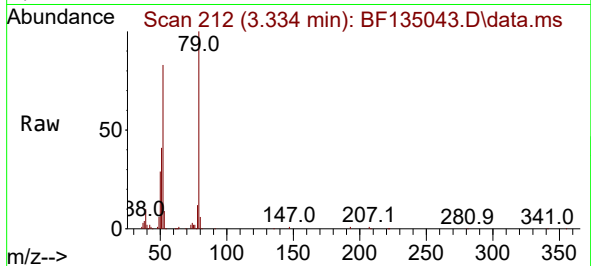
Tgt Ion: 88 Resp: 123999
Ion Ratio Lower Upper
88 100
58 85.2 67.1 100.7
43 33.2 25.9 38.9





#3
Pyridine
Concen: 35.995 ng
RT: 3.334 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

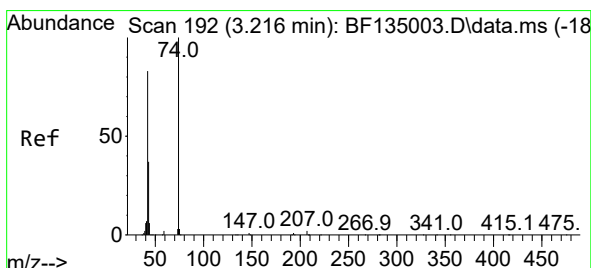
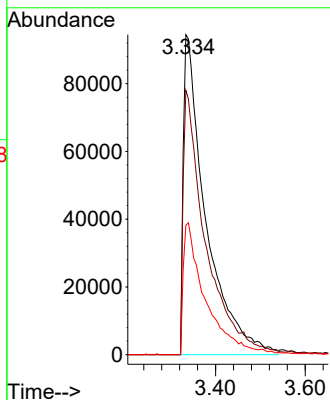
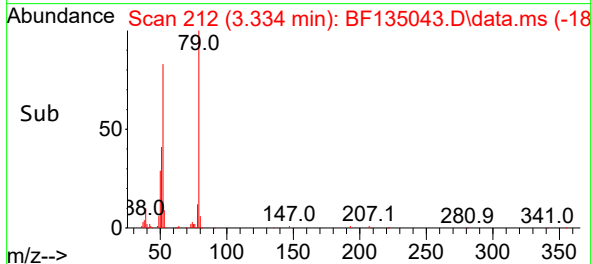
Instrument :
BNA_F
ClientSampleId :
PB155174BS



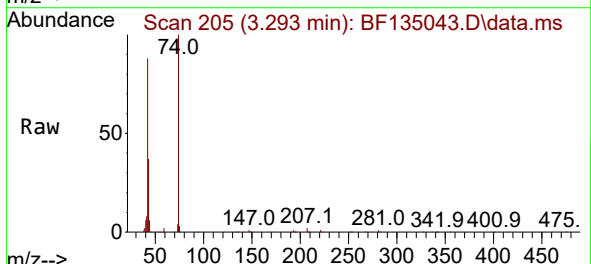
Tgt Ion: 79 Resp: 32701
Ion Ratio Lower Upper
79 100
52 82.6 65.4 98.2
51 40.5 32.6 49.0

Manual Integrations
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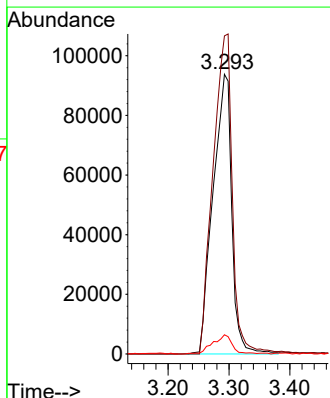
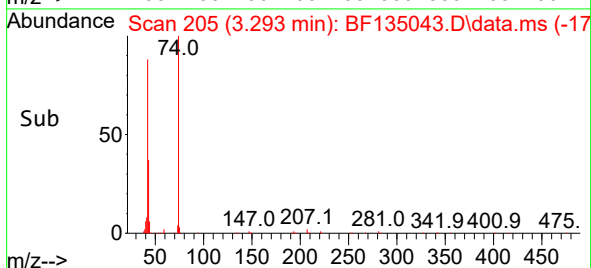
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

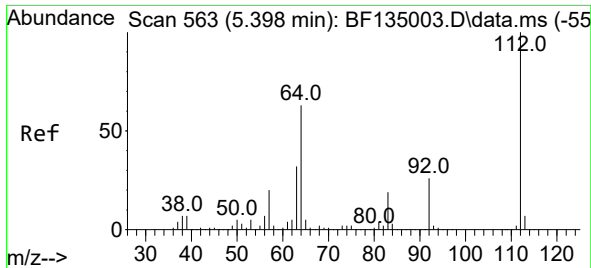


#4
n-Nitrosodimethylamine
Concen: 45.168 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.076 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



Tgt Ion: 42 Resp: 200676
Ion Ratio Lower Upper
42 100
74 113.8 96.2 144.2
44 6.8 5.8 8.6





#5
2-Fluorophenol
Concen: 129.823 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

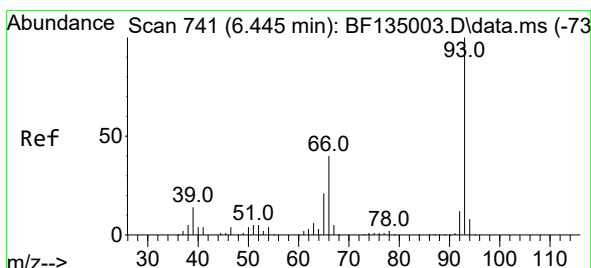
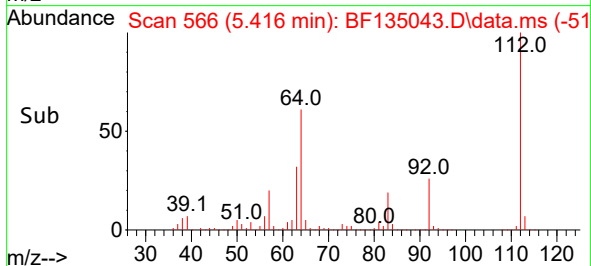
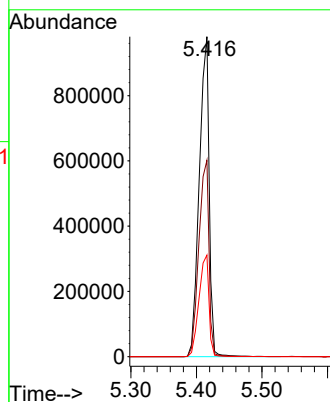
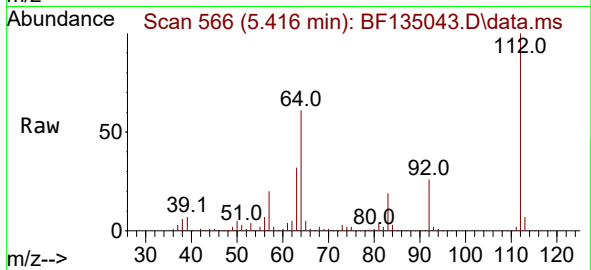
PB155174BS

Tgt Ion:112 Resp: 103280
Ion Ratio Lower Upper
112 100
64 61.3 50.5 75.7
63 31.8 25.9 38.9

Manual Integrations

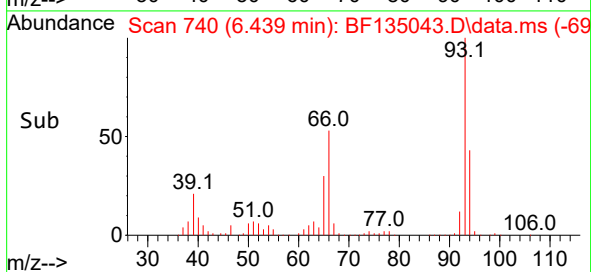
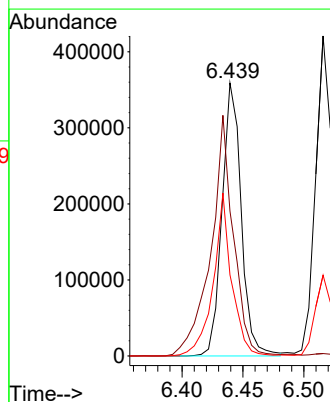
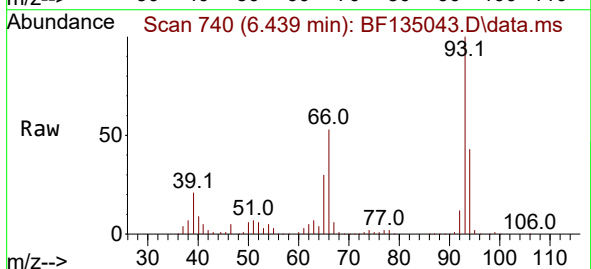
APPROVED

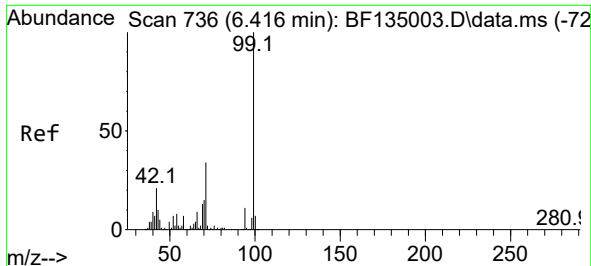
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#6
Aniline
Concen: 32.049 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

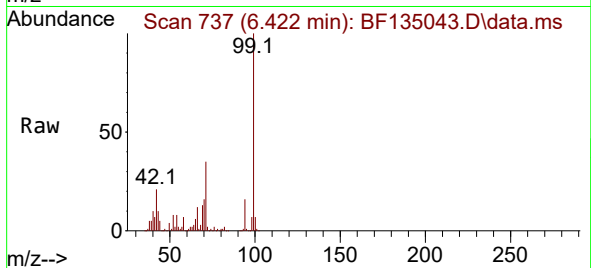
Tgt Ion: 93 Resp: 393964
Ion Ratio Lower Upper
93 100
66 53.1 32.4 48.6#
65 29.7 16.6 24.8#





#7
Phenol-d6
Concen: 129.770 ng
RT: 6.422 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

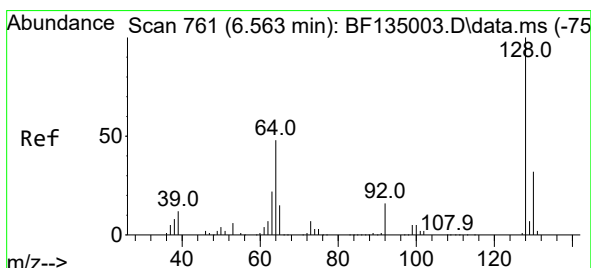
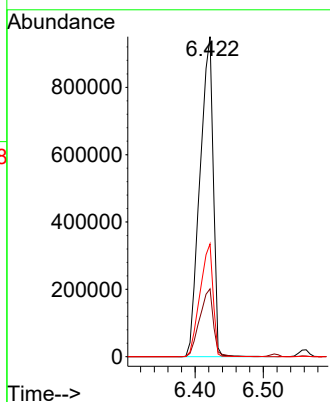
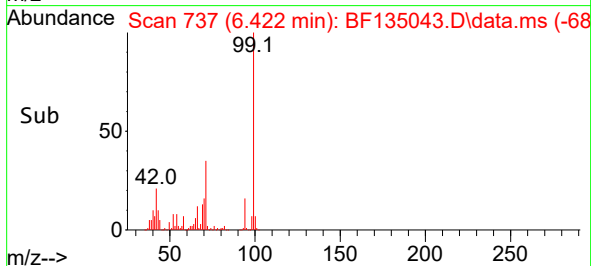
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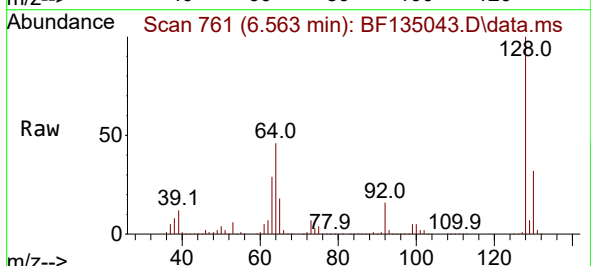
Tgt Ion: 99 Resp: 1286800
Ion Ratio Lower Upper
99 100
42 21.2 16.6 25.0
71 35.2 27.0 40.6

Manual Integrations
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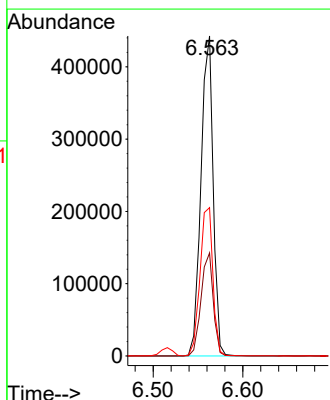
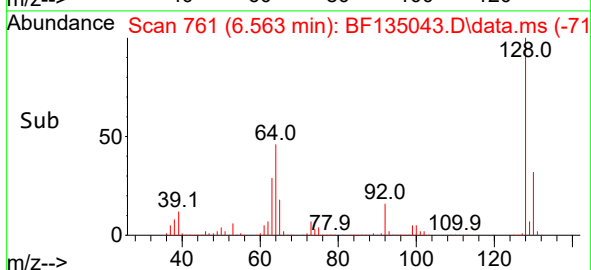
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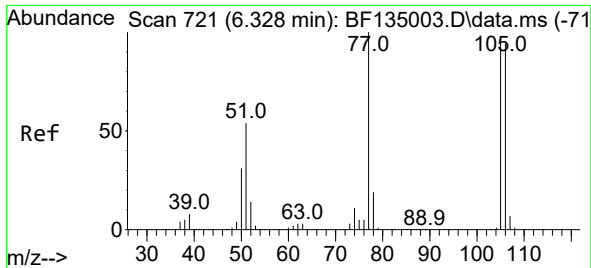


#8
2-Chlorophenol
Concen: 51.740 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



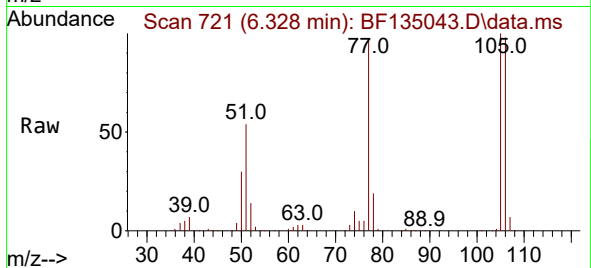
Tgt Ion:128 Resp: 418175
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 46.3 29.0 69.0





#9
Benzaldehyde
Concen: 29.395 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

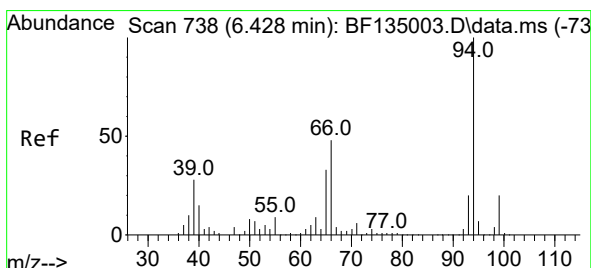
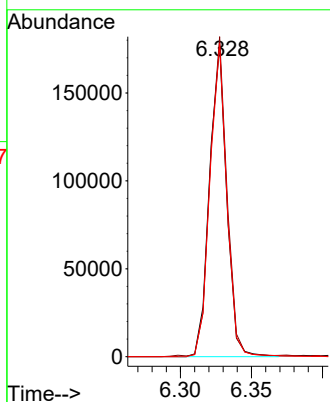
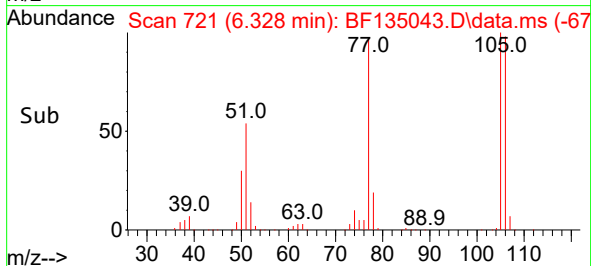
Instrument :
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ClientSampleId :
PB155174BS



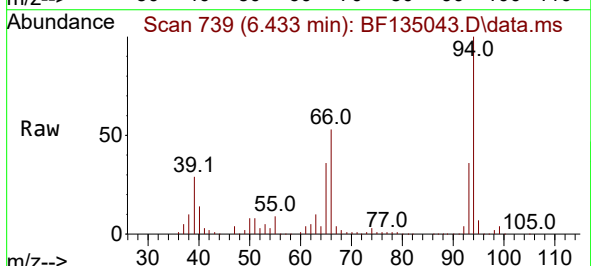
Tgt Ion: 77 Resp: 148520
Ion Ratio Lower Upper
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105 102.8 78.4 118.4
106 100.6 74.3 114.3

Manual Integrations
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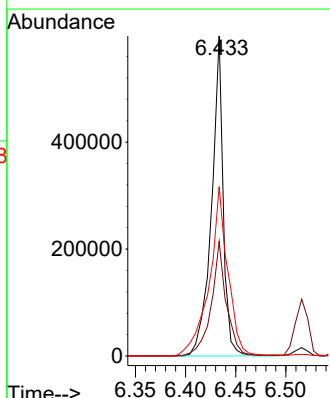
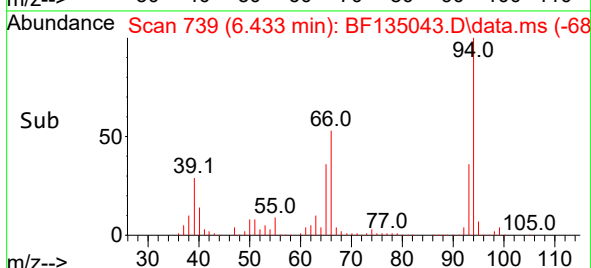
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

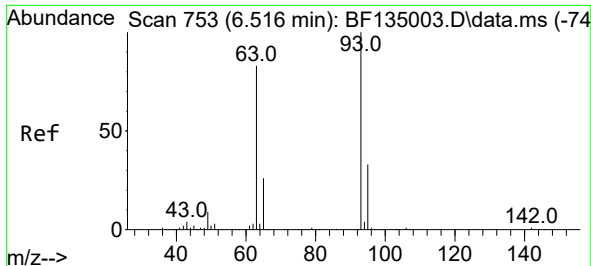


#10
Phenol
Concen: 46.755 ng
RT: 6.433 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



Tgt Ion: 94 Resp: 486722
Ion Ratio Lower Upper
94 100
65 35.8 13.2 53.2
66 52.9 27.5 67.5





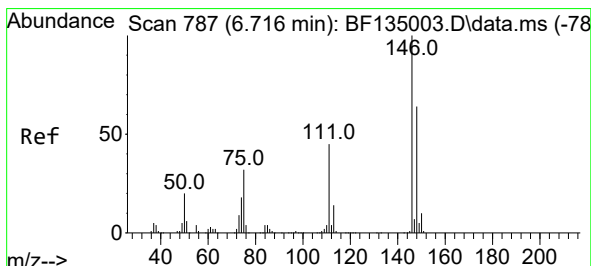
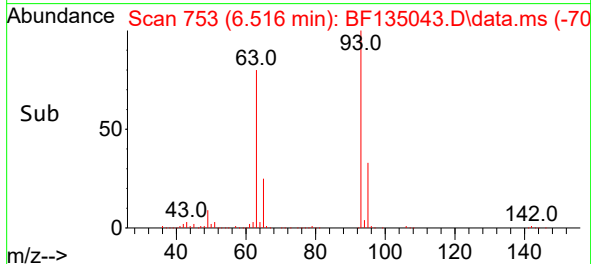
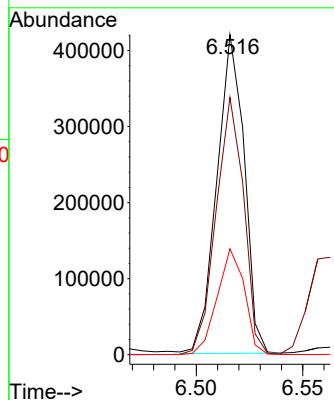
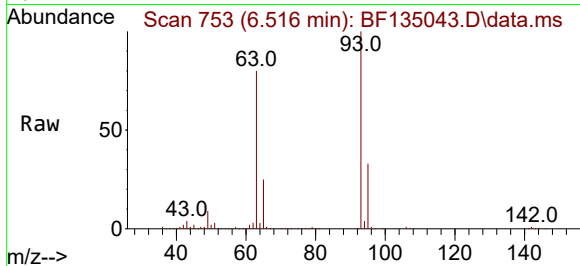
#11
bis(2-Chloroethyl)ether
Concen: 47.862 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :
BNA_F
ClientSampleId :
PB155174BS

Tgt Ion: 93 Resp: 375190
Ion Ratio Lower Upper
93 100
63 80.4 62.8 102.8
95 33.1 12.7 52.7

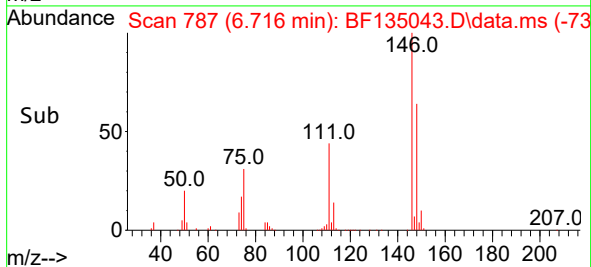
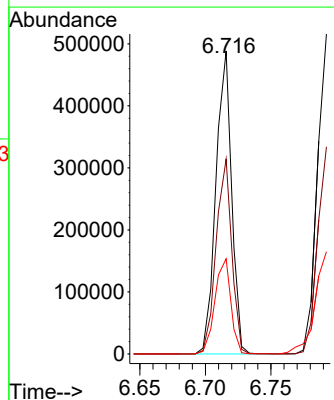
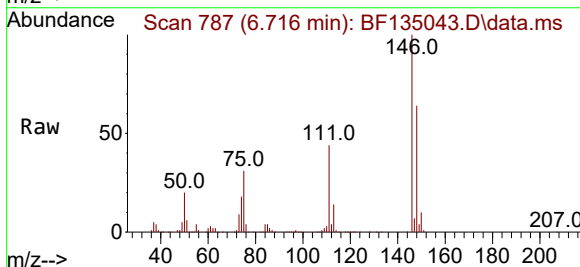
Manual Integrations
APPROVED

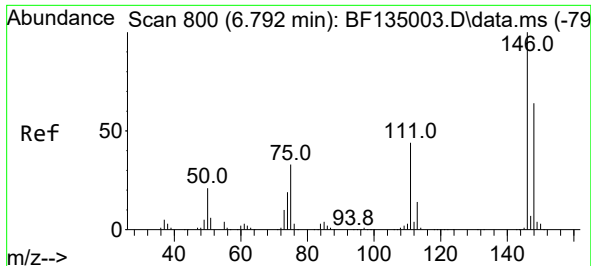
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#12
1,3-Dichlorobenzene
Concen: 48.878 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

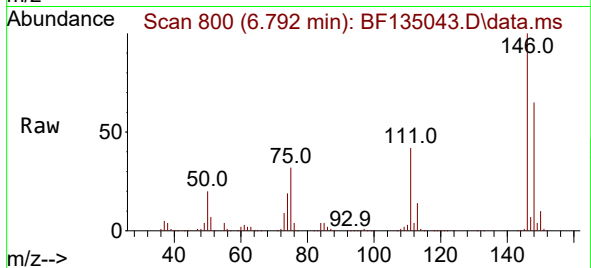
Tgt Ion:146 Resp: 407000
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
75 31.4 25.8 38.8





#13
1,4-Dichlorobenzene
Concen: 49.692 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

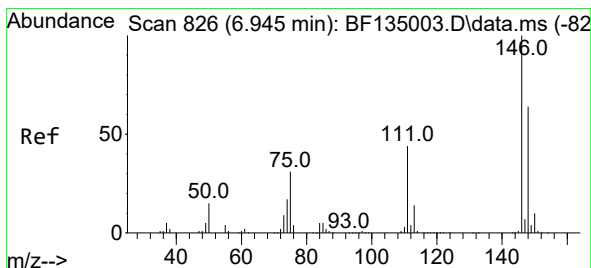
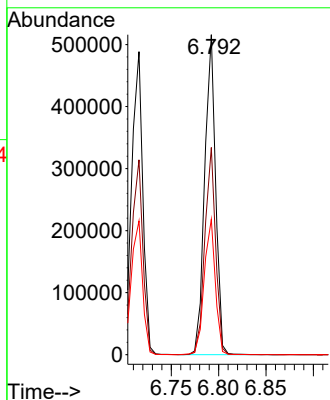
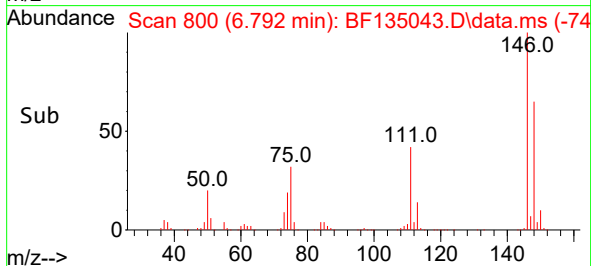
Instrument :
BNA_F
ClientSampleId :
PB155174BS



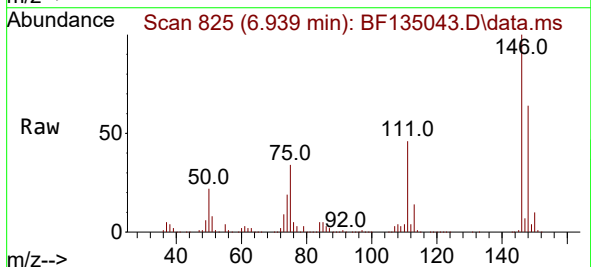
Tgt Ion:146 Resp: 41414
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 42.3 35.2 52.8

Manual Integrations
APPROVED

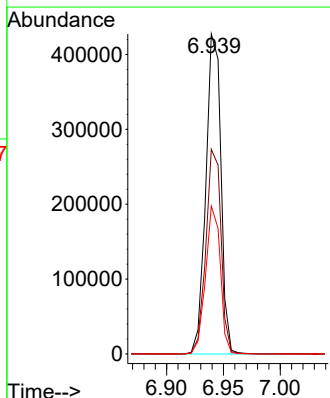
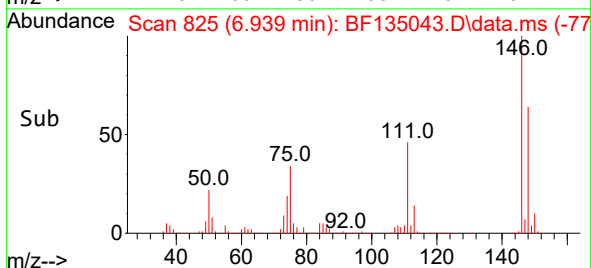
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

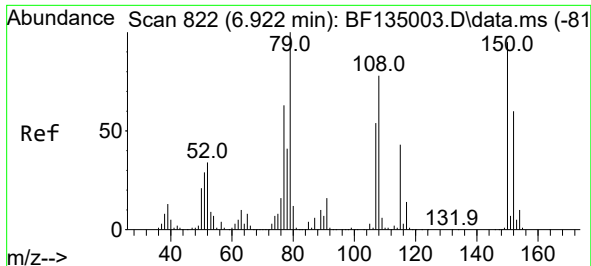


#14
1,2-Dichlorobenzene
Concen: 50.712 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



Tgt Ion:146 Resp: 394397
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 46.2 35.3 52.9





#15
Benzyl Alcohol
Concen: 51.289 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

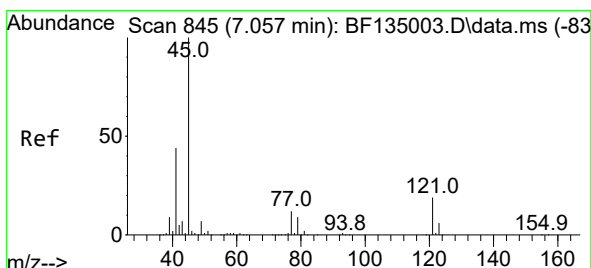
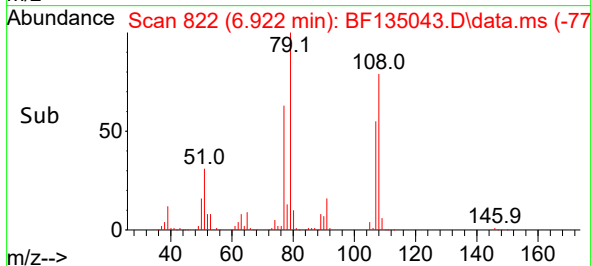
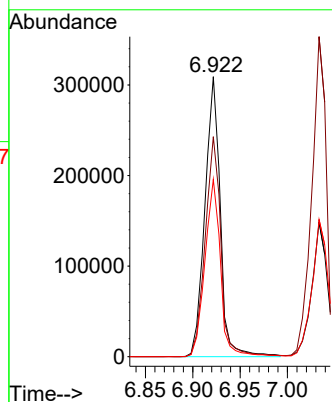
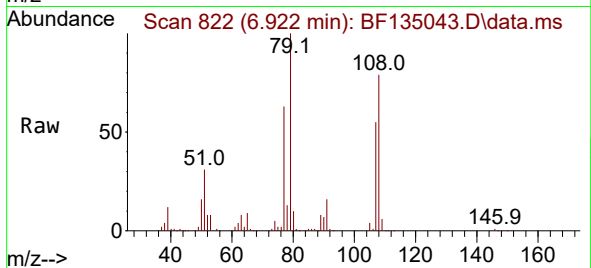
PB155174BS

Tgt Ion: 79 Resp: 348430
Ion Ratio Lower Upper
79 100
108 78.6 62.5 93.7
77 63.3 50.4 75.6

Manual Integrations

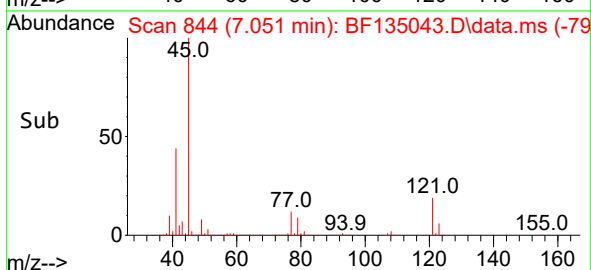
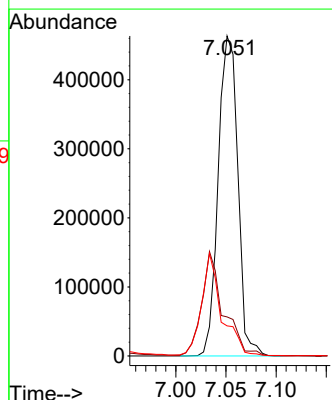
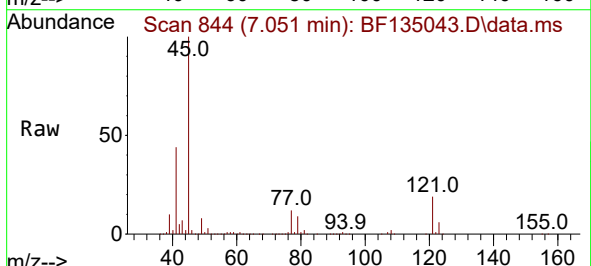
APPROVED

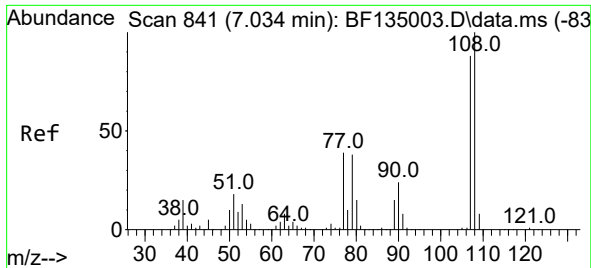
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.962 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

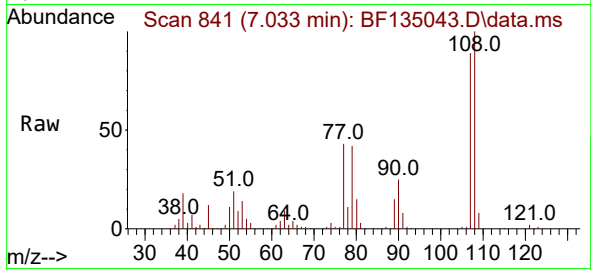
Tgt Ion: 45 Resp: 629619
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.3
79 9.4 0.0 29.5





#17
2-Methylphenol
Concen: 46.717 ng
RT: 7.033 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

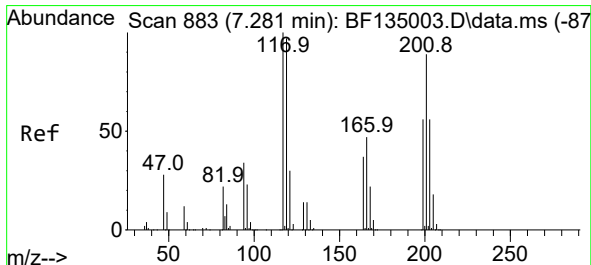
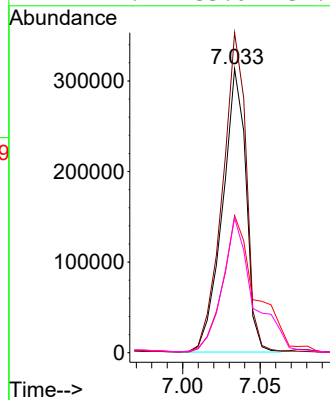
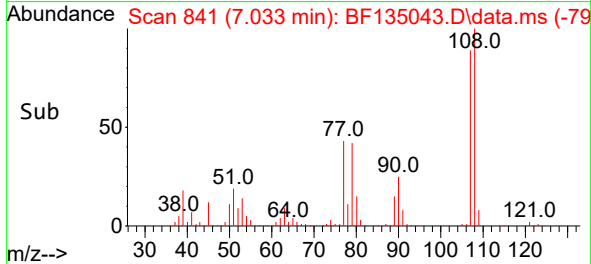
Instrument :
BNA_F
ClientSampleId :
PB155174BS



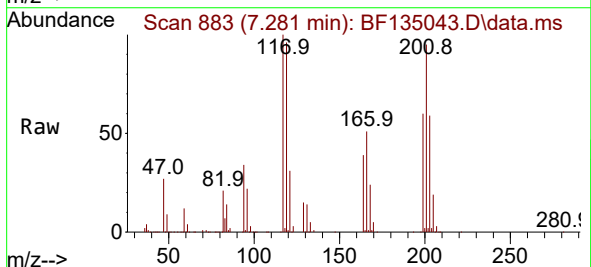
Tgt Ion:107 Resp: 329023
Ion Ratio Lower Upper
107 100
108 112.7 91.2 136.8
77 48.3 36.0 54.0
79 47.4 35.0 52.4

Manual Integrations
APPROVED

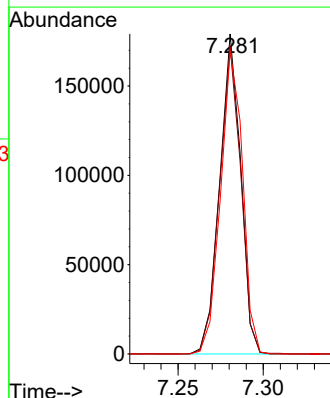
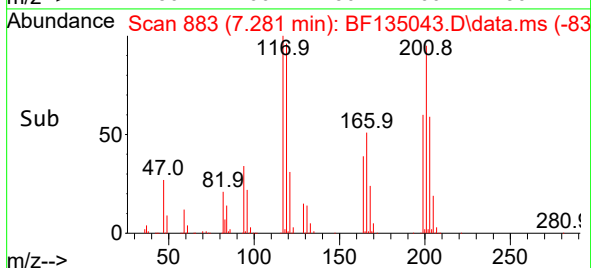
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

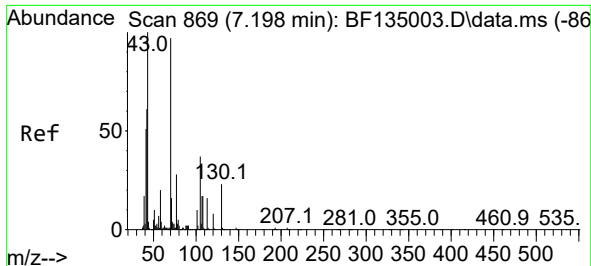


#18
Hexachloroethane
Concen: 49.847 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



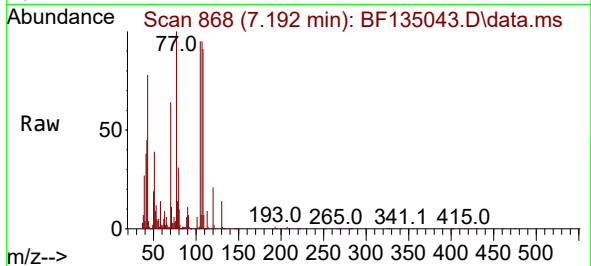
Tgt Ion:117 Resp: 153887
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.2
201 94.7 71.4 107.2





#19
n-Nitroso-di-n-propylamine
Concen: 45.464 ng
RT: 7.192 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

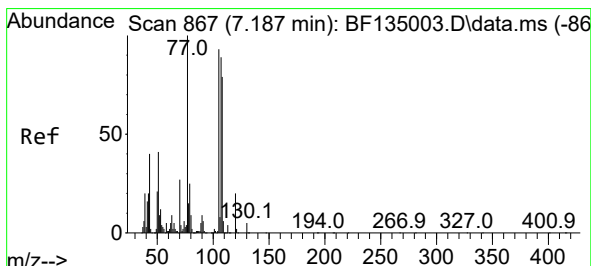
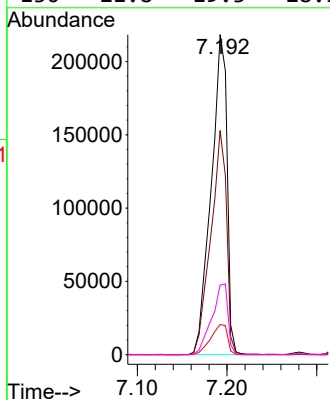
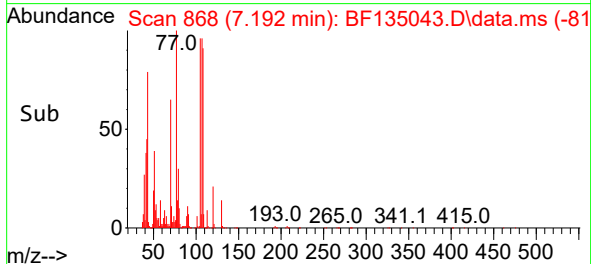
Instrument :
BNA_F
ClientSampleId :
PB155174BS



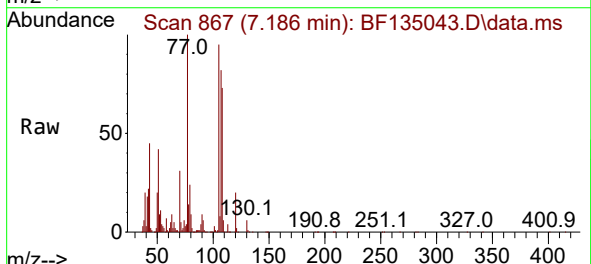
Tgt Ion: 70 Resp: 267788
Ion Ratio Lower Upper
70 100
42 70.0 50.2 75.4
101 9.5 8.1 12.1
130 21.8 19.3 28.9

Manual Integrations
APPROVED

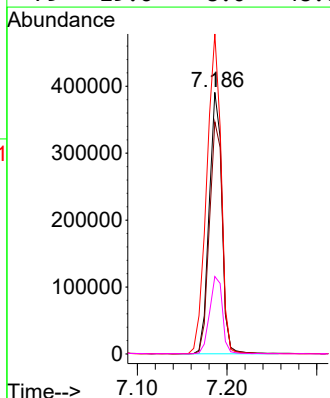
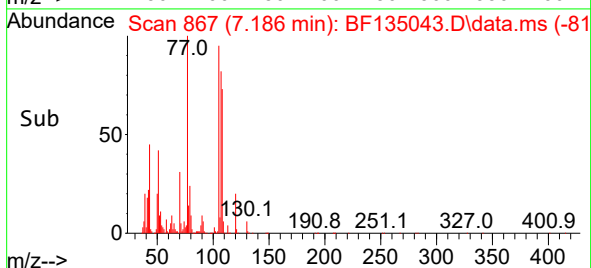
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

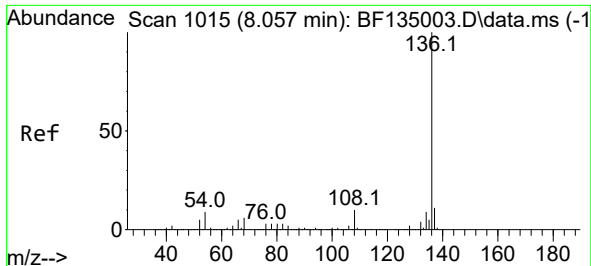


#20
3+4-Methylphenols
Concen: 46.436 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



Tgt Ion:107 Resp: 385826
Ion Ratio Lower Upper
107 100
108 88.7 68.6 108.6
77 122.3 92.3 132.3
79 29.6 8.0 48.0





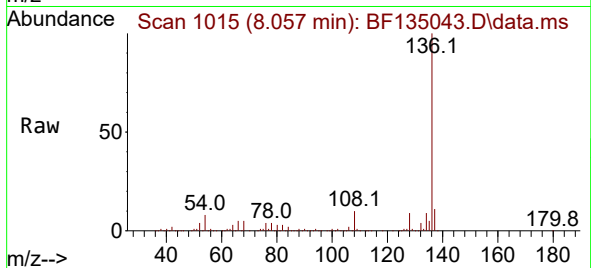
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

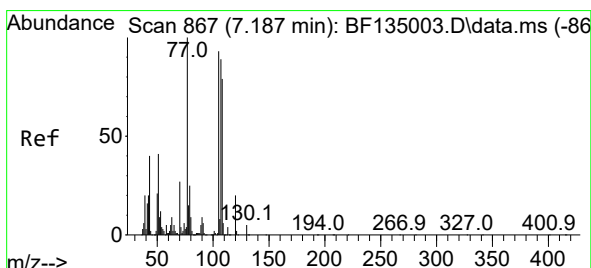
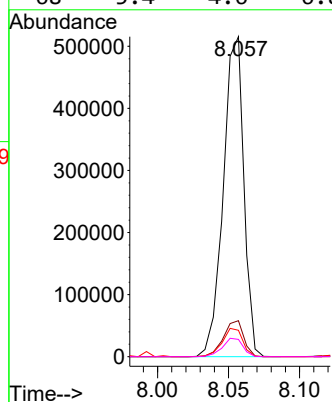
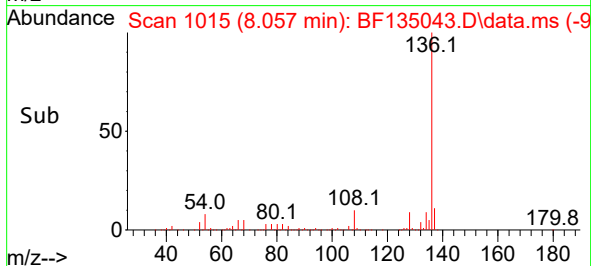


Tgt Ion:136 Resp: 51863
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.2 7.0 10.4
68 5.4 4.6 6.8

Manual Integrations

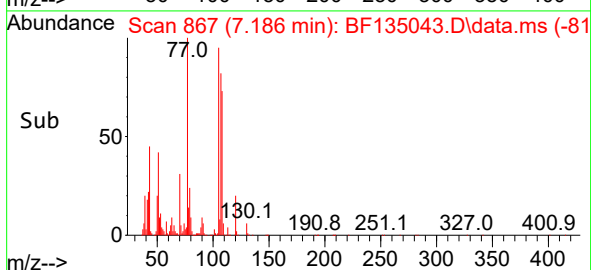
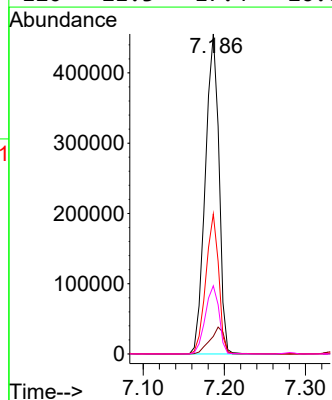
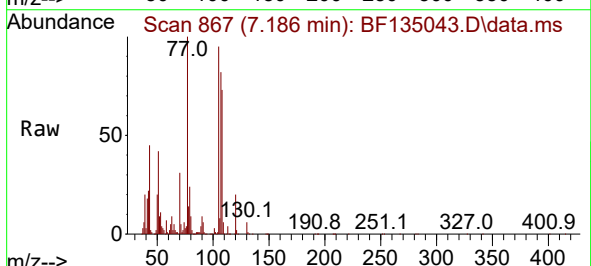
APPROVED

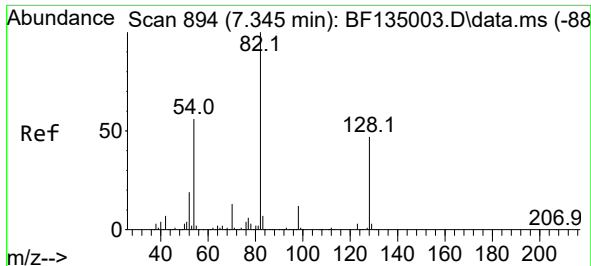
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#22
Acetophenone
Concen: 46.158 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Tgt Ion:105 Resp: 532473
Ion Ratio Lower Upper
105 100
71 5.5 3.8 5.6
51 43.8 35.0 52.6
120 21.3 17.4 26.0





#23

Nitrobenzene-d5

Concen: 88.053 ng

RT: 7.339 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135043.D

Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

Tgt Ion: 82 Resp: 81286

Ion Ratio Lower Upper

82 100

128 44.9 37.8 56.8

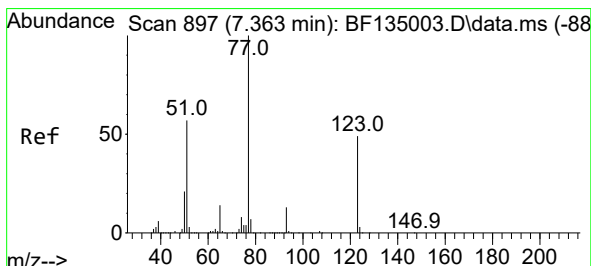
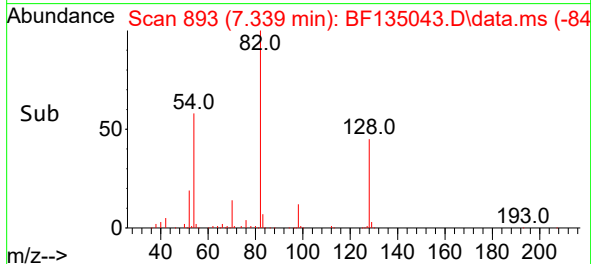
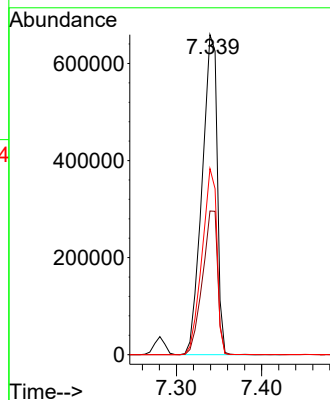
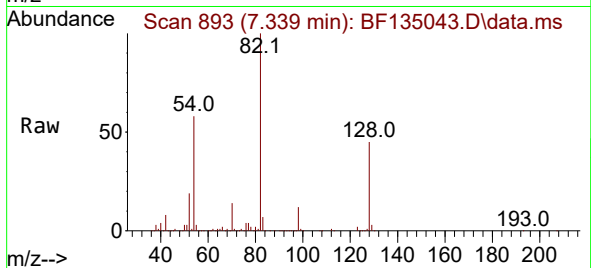
54 58.2 45.0 67.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#24

Nitrobenzene

Concen: 45.217 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF135043.D

Acq: 31 Aug 2023 15:57

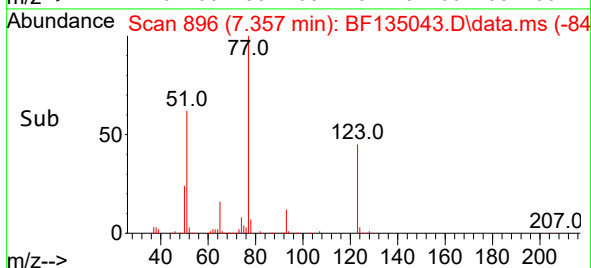
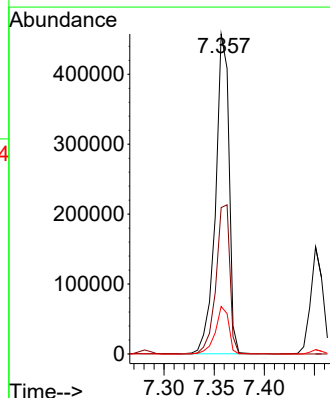
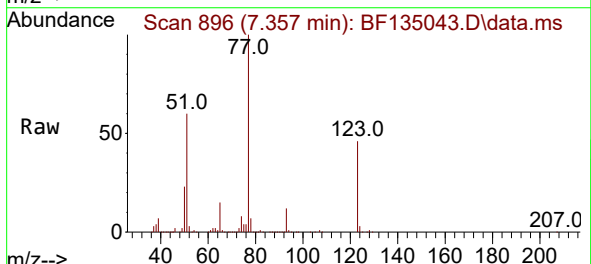
Tgt Ion: 77 Resp: 428186

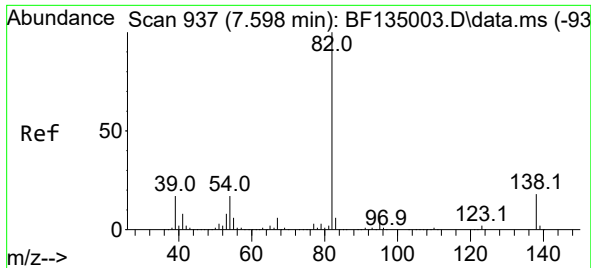
Ion Ratio Lower Upper

77 100

123 45.8 39.4 59.2

65 14.9 11.4 17.2





#25
Isophorone
Concen: 44.580 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

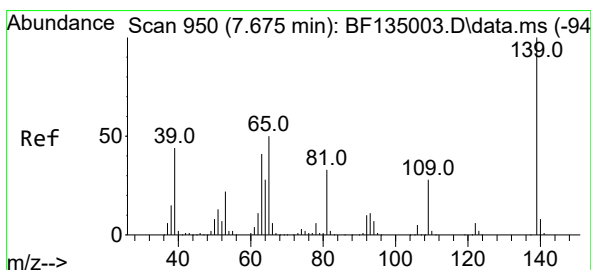
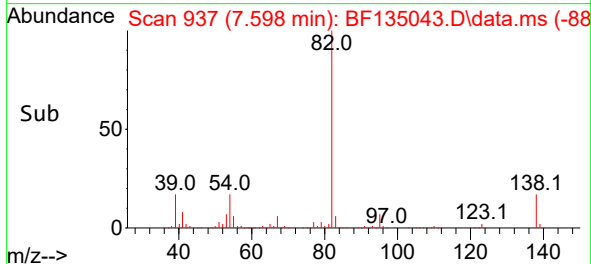
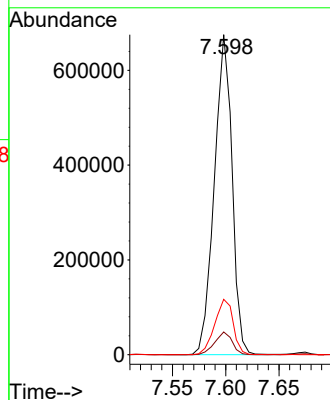
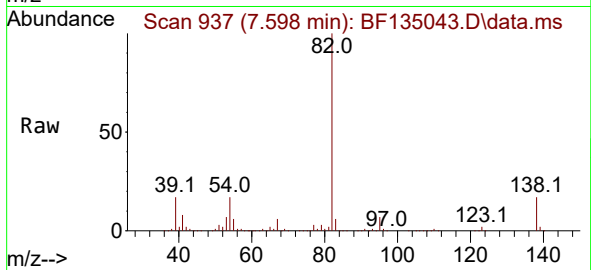
PB155174BS

Tgt Ion: 82 Resp: 780280
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.3 14.7 22.1

Manual Integrations

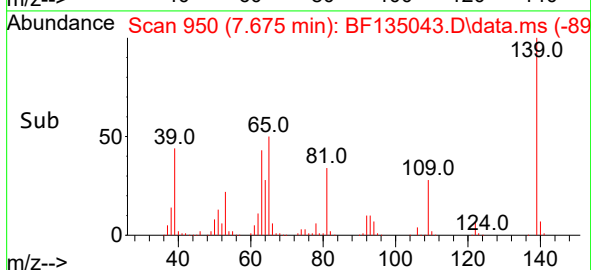
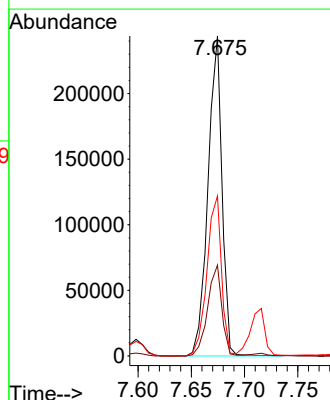
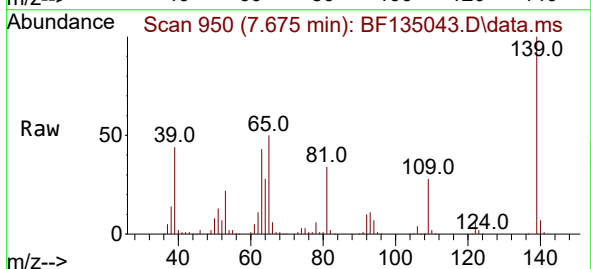
APPROVED

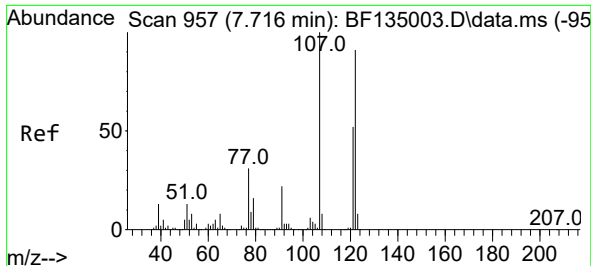
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#26
2-Nitrophenol
Concen: 47.856 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Tgt Ion:139 Resp: 223899
Ion Ratio Lower Upper
139 100
109 28.4 22.6 34.0
65 50.0 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 44.212 ng

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135043.D

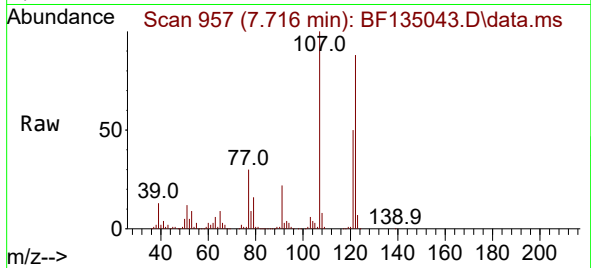
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS



Tgt Ion:122 Resp: 33302

Ion Ratio Lower Upper

122 100

107 114.0 87.8 131.8

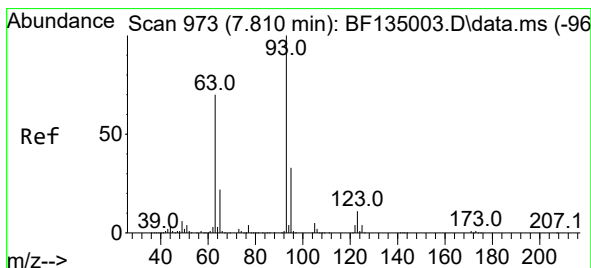
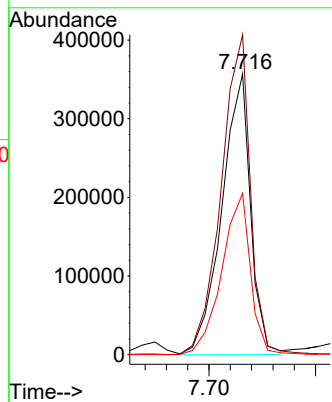
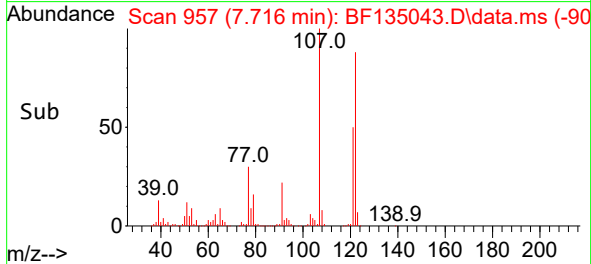
121 57.4 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.903 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF135043.D

Acq: 31 Aug 2023 15:57

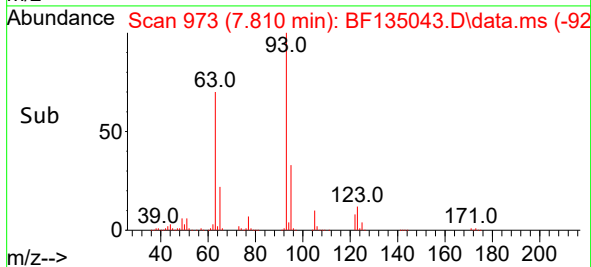
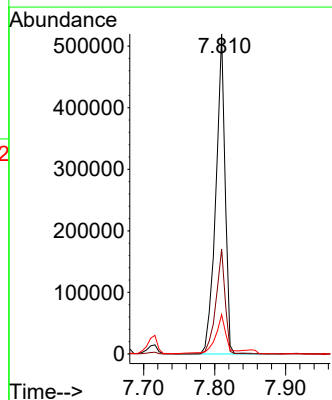
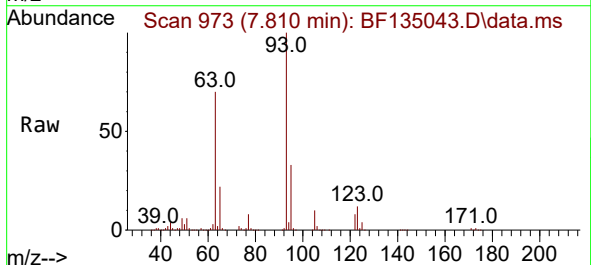
Tgt Ion: 93 Resp: 474102

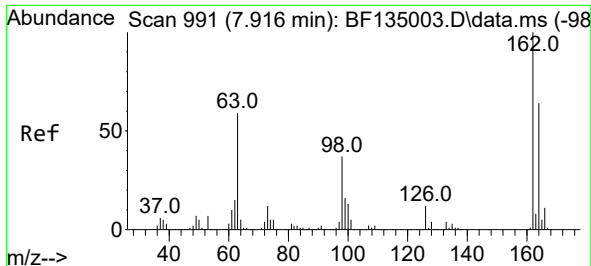
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 12.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 47.536 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF135043.D

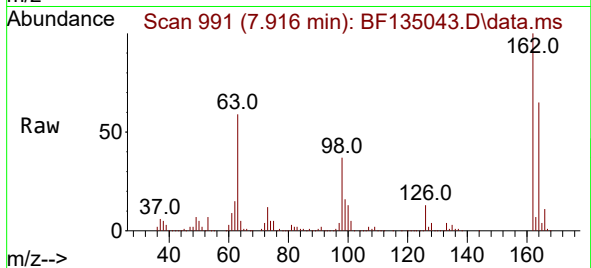
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS



Tgt Ion:162 Resp: 34030

Ion Ratio Lower Upper

162 100

164 64.6 44.2 84.2

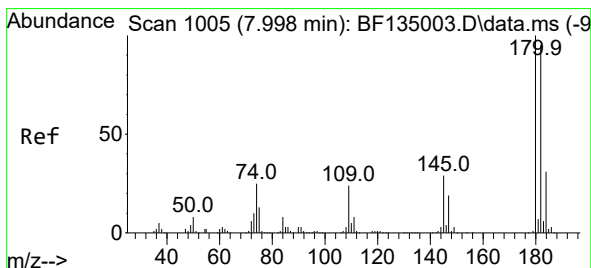
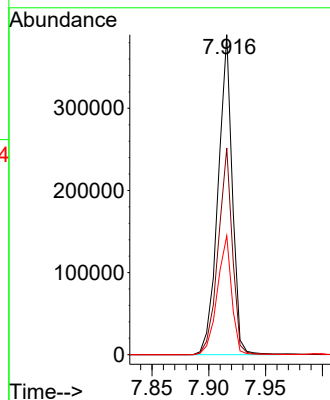
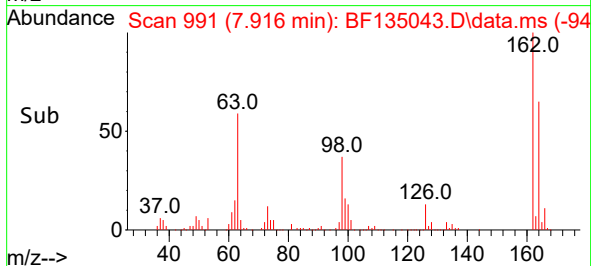
98 37.1 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.074 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF135043.D

Acq: 31 Aug 2023 15:57

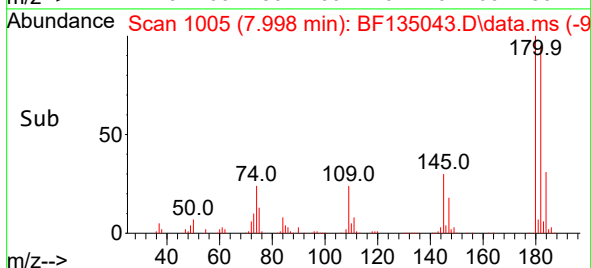
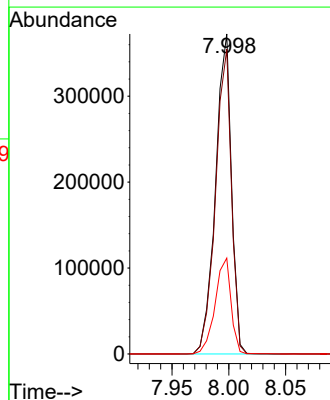
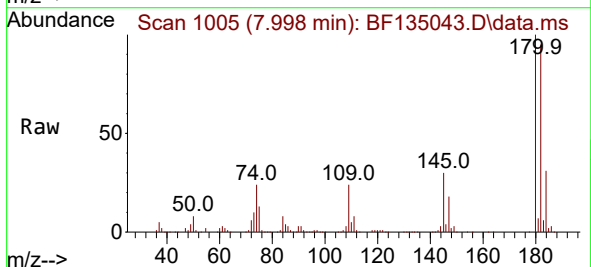
Tgt Ion:180 Resp: 364182

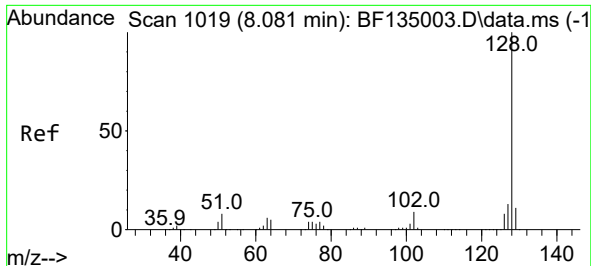
Ion Ratio Lower Upper

180 100

182 95.2 76.3 114.5

145 30.0 23.5 35.3





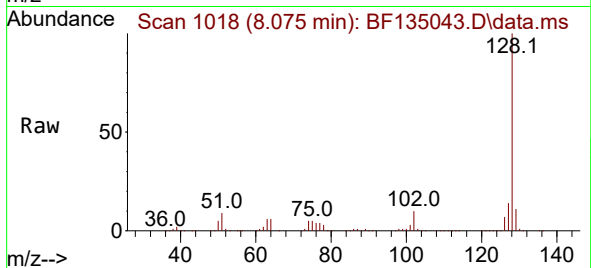
#31
Naphthalene
Concen: 44.901 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

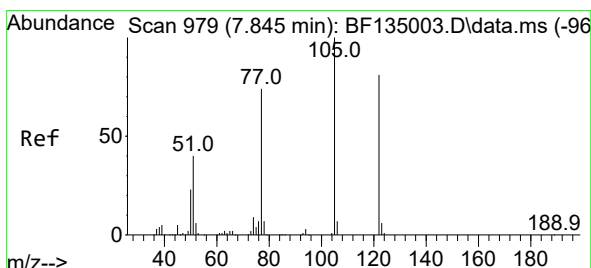
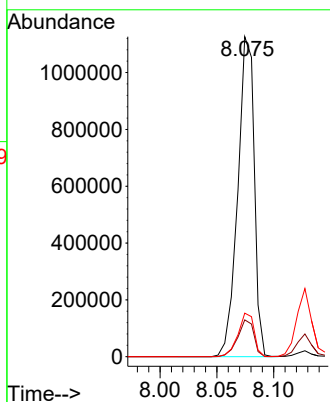
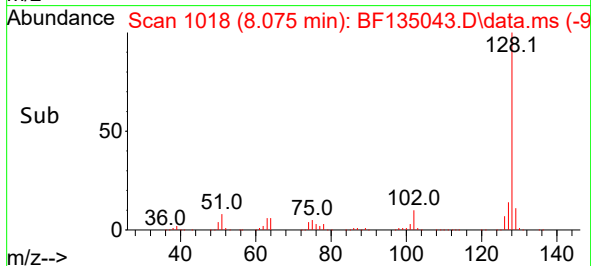


Tgt Ion:128 Resp: 1137580
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.6 10.6 16.0

Manual Integrations

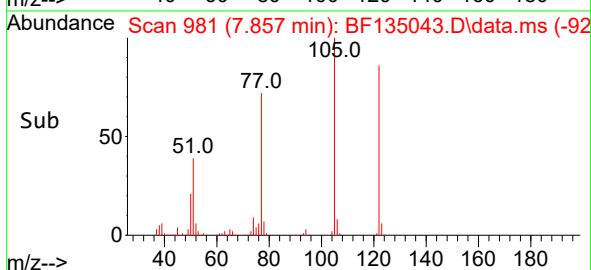
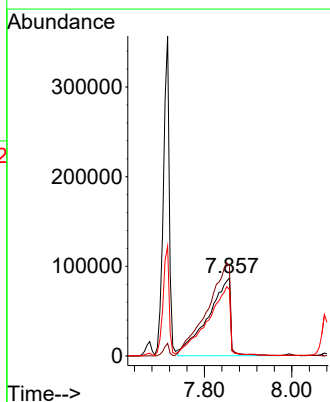
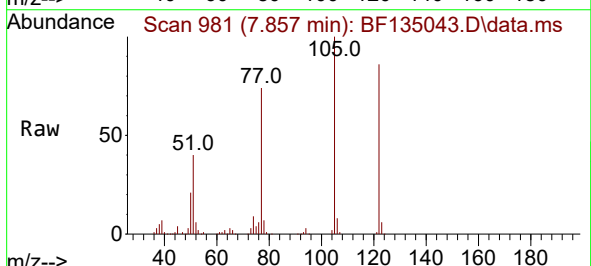
APPROVED

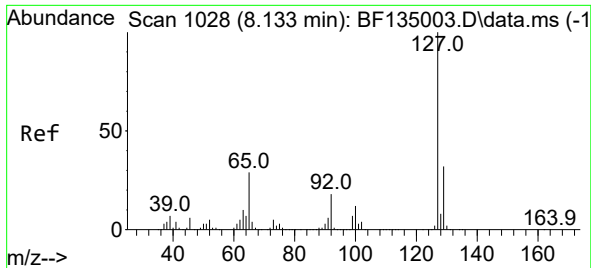
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#32
Benzoic acid
Concen: 51.369 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Tgt Ion:122 Resp: 309525
Ion Ratio Lower Upper
122 100
105 115.7 99.8 139.8
77 85.2 69.5 109.5





#33
4-Chloroaniline
Concen: 20.984 ng
RT: 8.127 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

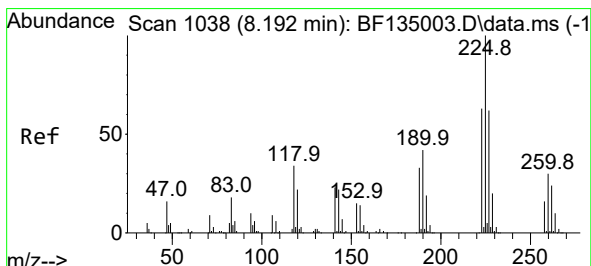
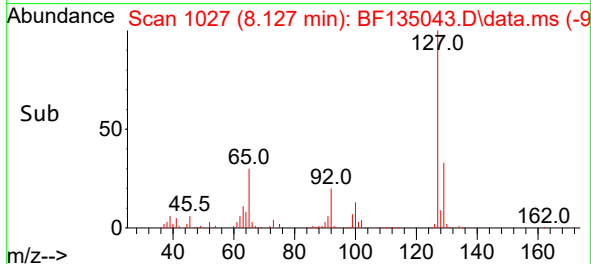
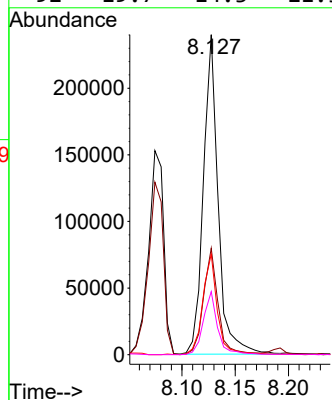
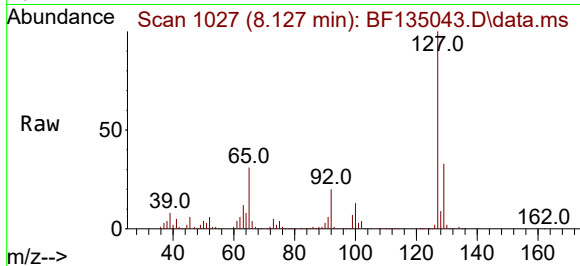
PB155174BS

Tgt Ion:127 Resp: 232530
Ion Ratio Lower Upper
127 100
129 33.3 25.6 38.4
65 31.4 23.1 34.7
92 19.7 14.3 21.5

Manual Integrations

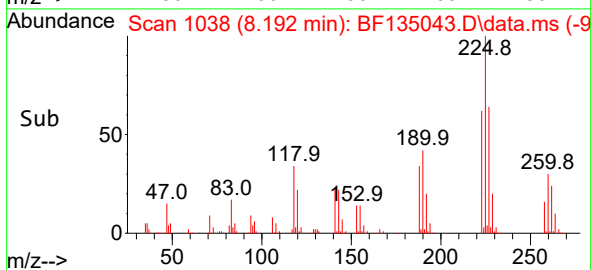
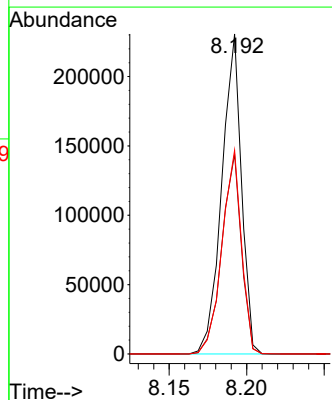
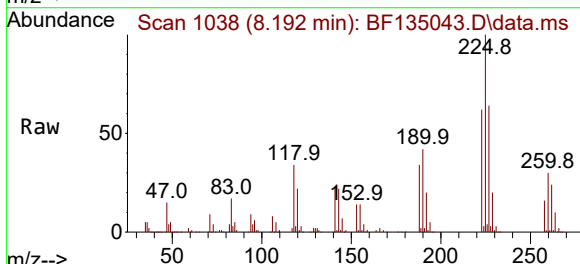
APPROVED

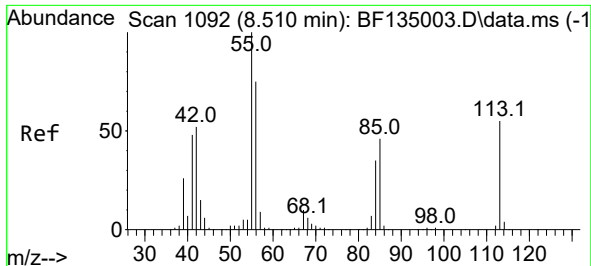
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#34
Hexachlorobutadiene
Concen: 46.288 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Tgt Ion:225 Resp: 203225
Ion Ratio Lower Upper
225 100
223 62.4 50.7 76.1
227 63.7 49.6 74.4





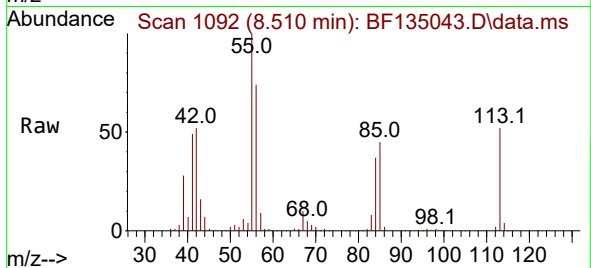
#35
 Caprolactam
 Concen: 50.184 ng m
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.000 min
 Lab File: BF135043.D
 Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

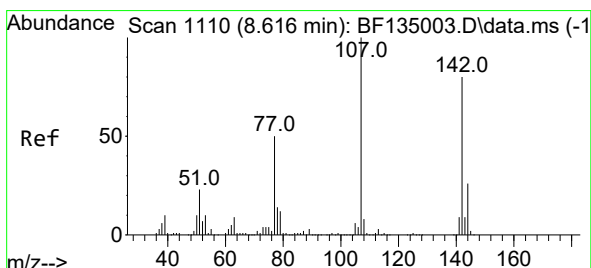
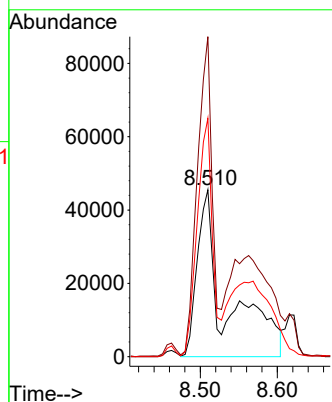
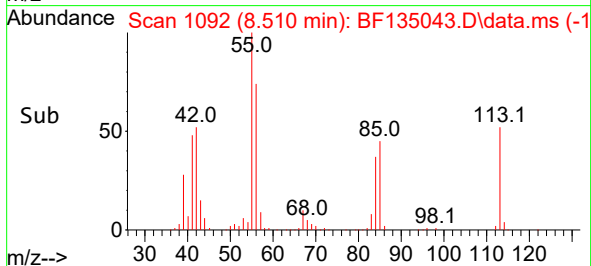


Tgt Ion:113 Resp: 11763
 Ion Ratio Lower Upper
 113 100
 55 191.8 160.6 200.6
 56 142.9 115.4 155.4

Manual Integrations

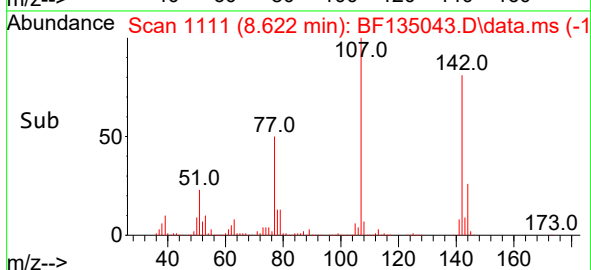
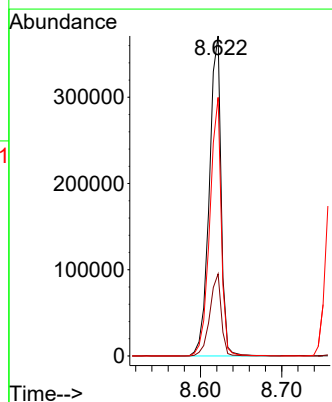
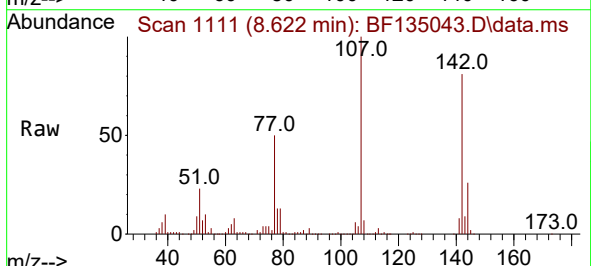
APPROVED

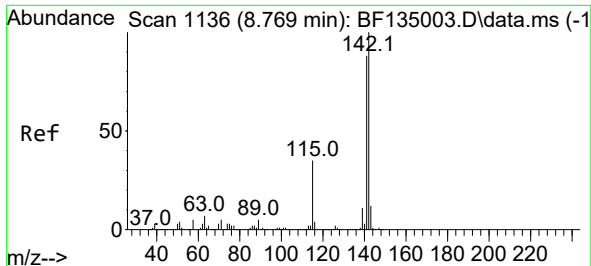
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023



#36
 4-Chloro-3-methylphenol
 Concen: 48.040 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: BF135043.D
 Acq: 31 Aug 2023 15:57

Tgt Ion:107 Resp: 373539
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.6 31.0
 142 80.8 64.4 96.6





#37
2-Methylnaphthalene
Concen: 43.809 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

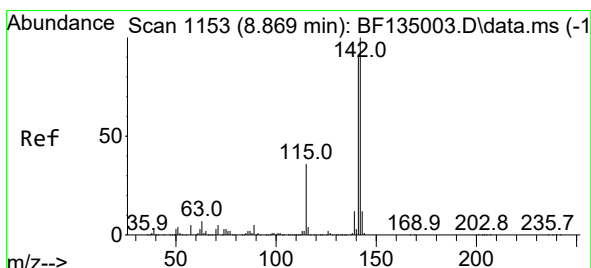
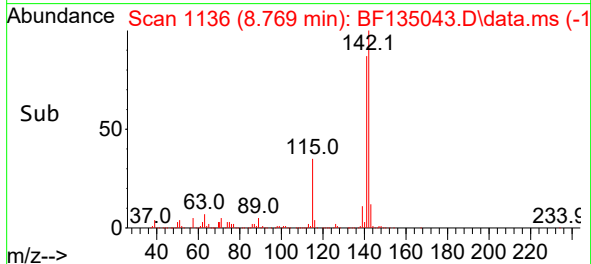
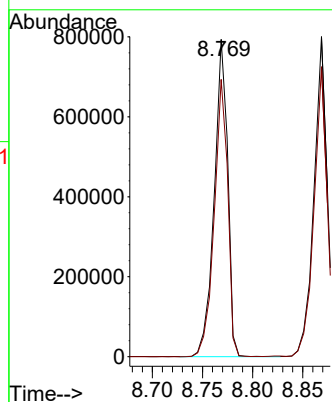
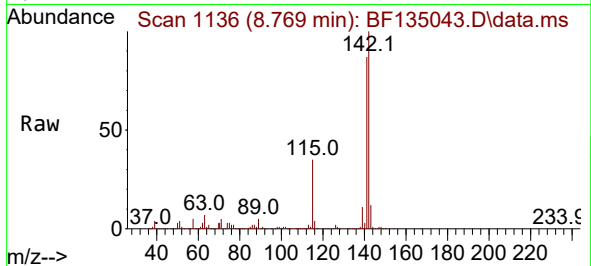
ClientSampleId :

PB155174BS

Tgt Ion:142 Resp: 74056
Ion Ratio Lower Upper
142 100
141 87.4 70.7 106.1

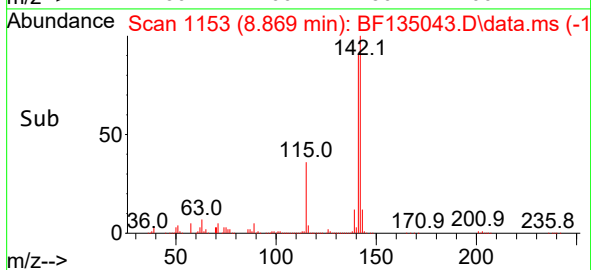
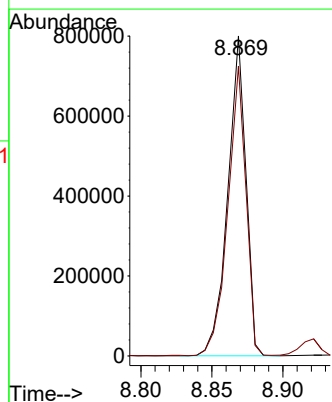
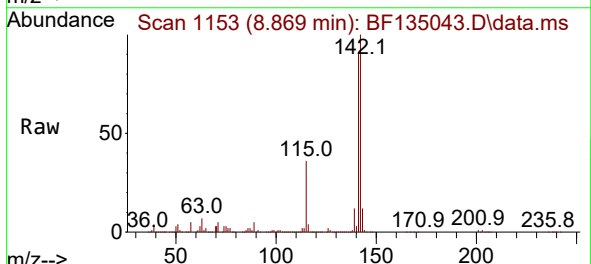
Manual Integrations
APPROVED

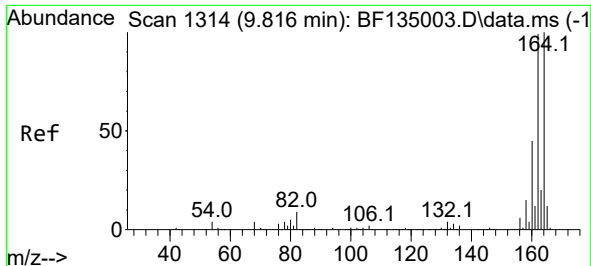
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#38
1-Methylnaphthalene
Concen: 44.949 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Tgt Ion:142 Resp: 710960
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF135043.D

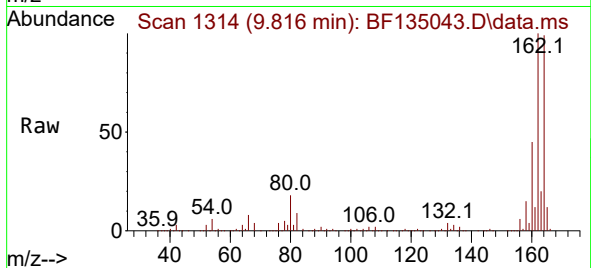
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS



Tgt Ion:164 Resp: 26810

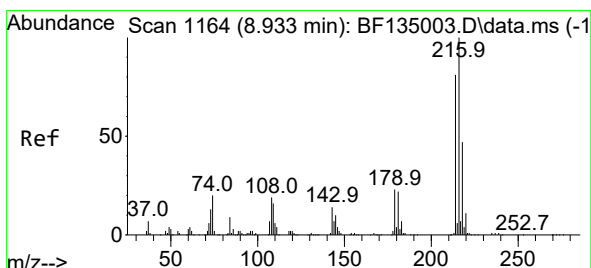
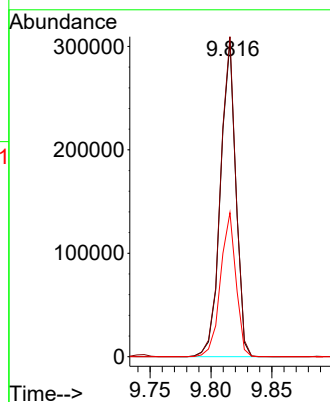
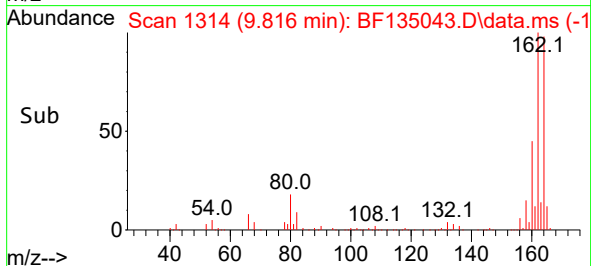
Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.5	119.3
160	45.7	36.0	54.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.860 ng

RT: 8.939 min Scan# 1165

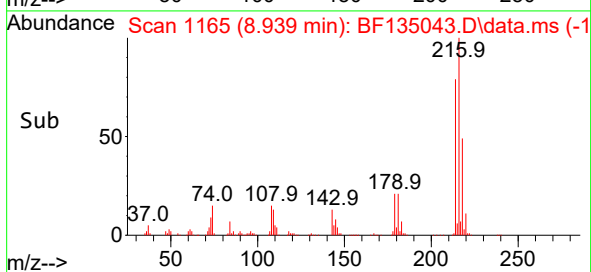
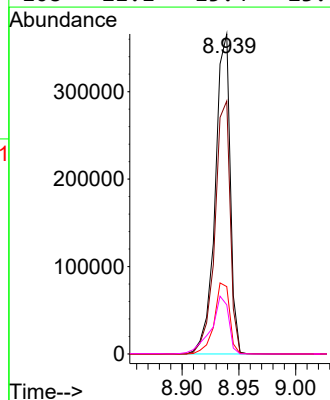
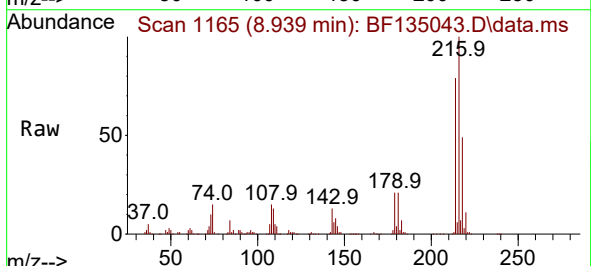
Delta R.T. 0.006 min

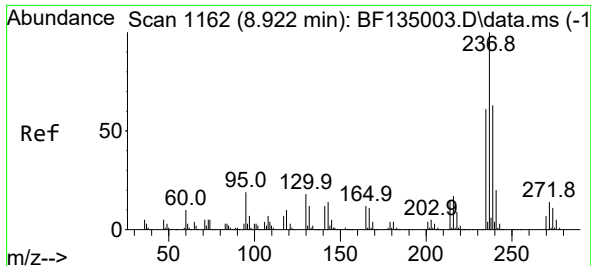
Lab File: BF135043.D

Acq: 31 Aug 2023 15:57

Tgt Ion:216 Resp: 336681

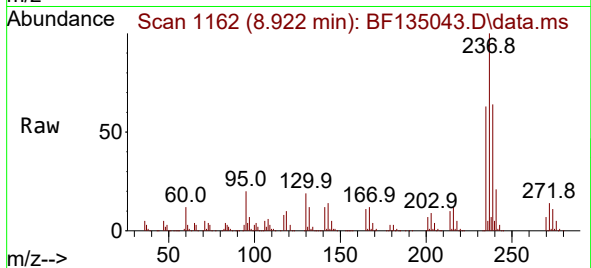
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.8	95.8
179	22.6	17.7	26.5
108	21.1	15.4	23.0





#41
Hexachlorocyclopentadiene
Concen: 100.771 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

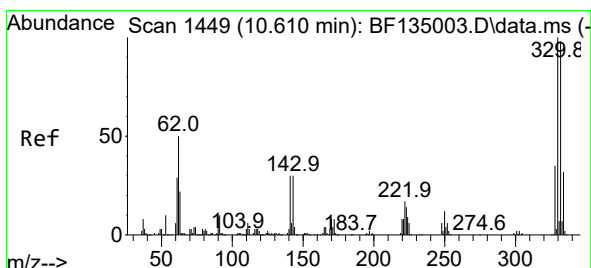
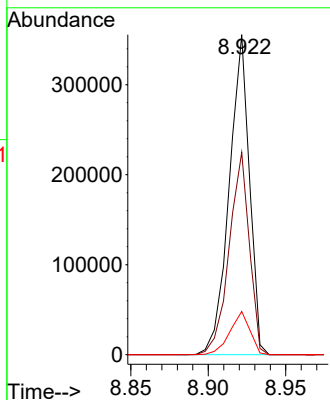
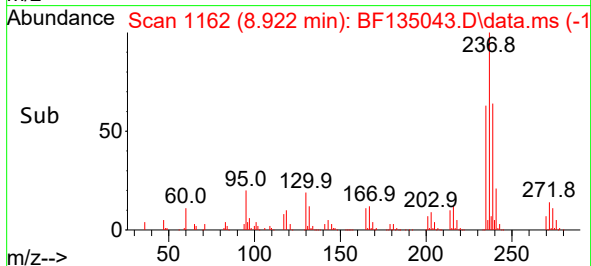
Instrument :
BNA_F
ClientSampleId :
PB155174BS



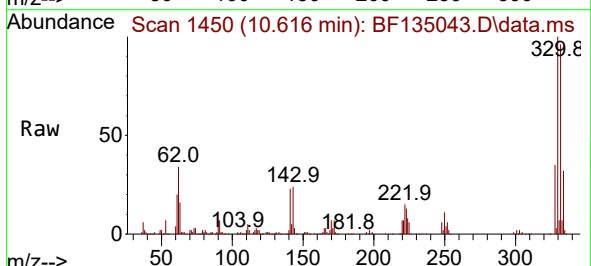
Tgt Ion:237 Resp: 32190
Ion Ratio Lower Upper
237 100
235 63.3 40.9 80.9
272 13.5 0.0 33.9

Manual Integrations
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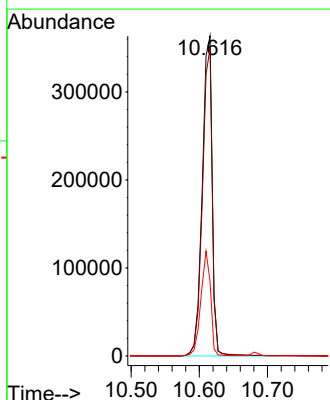
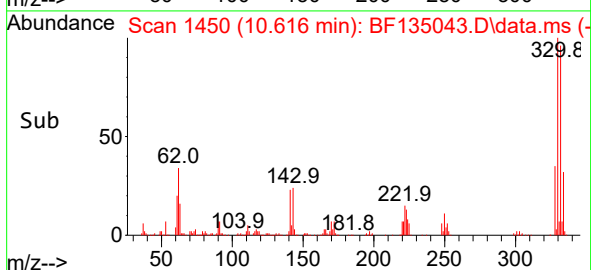
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

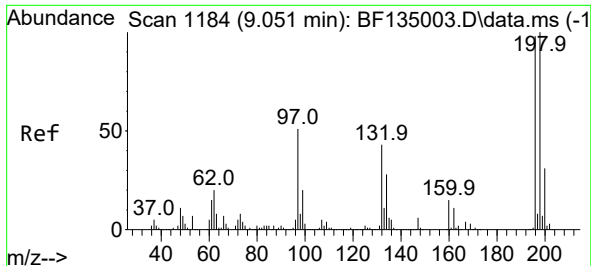


#42
2,4,6-Tribromophenol
Concen: 130.006 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



Tgt Ion:330 Resp: 369737
Ion Ratio Lower Upper
330 100
332 94.7 77.6 116.4
141 31.9 26.3 39.5





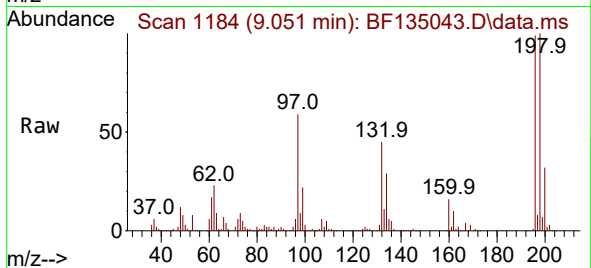
#43
2,4,6-Trichlorophenol
Concen: 48.249 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

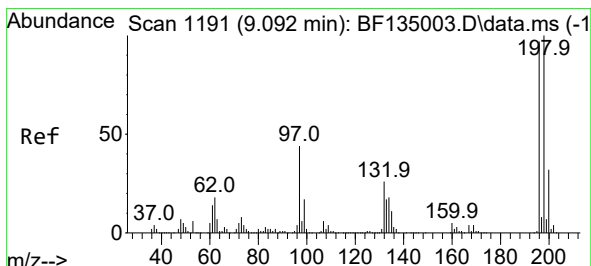
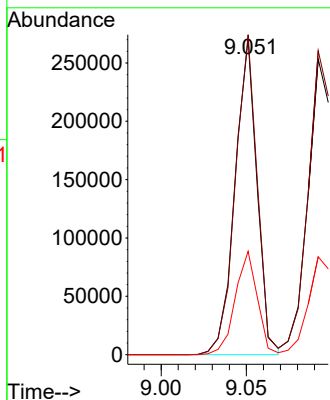
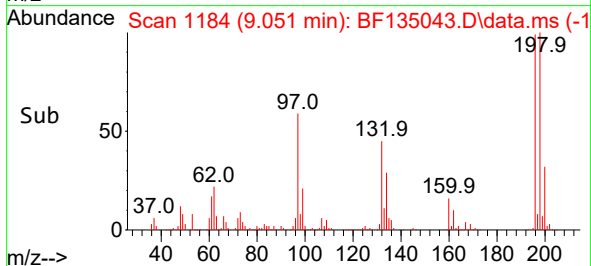


Tgt Ion:196 Resp: 24319
Ion Ratio Lower Upper
196 100
198 101.3 81.8 122.6
200 32.7 25.7 38.5

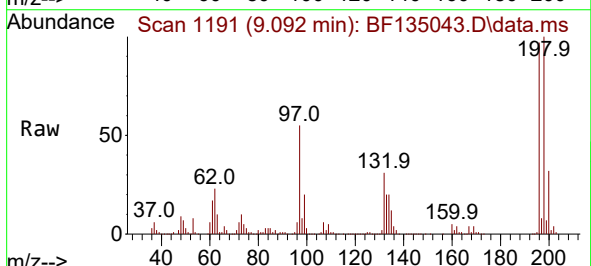
Manual Integrations

APPROVED

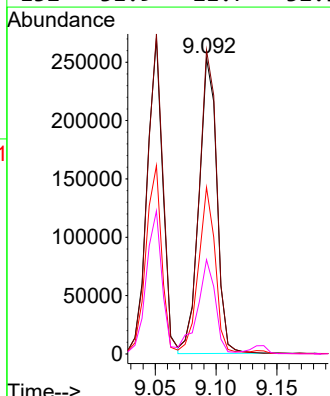
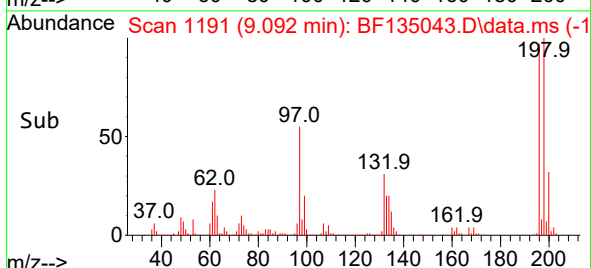
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

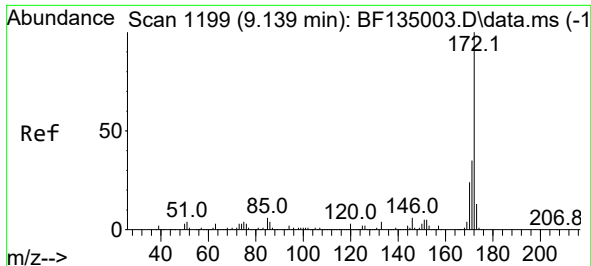


#44
2,4,5-Trichlorophenol
Concen: 44.173 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



Tgt Ion:196 Resp: 257765
Ion Ratio Lower Upper
196 100
198 102.8 82.8 124.2
97 56.3 36.5 54.7#
132 31.9 21.7 32.5





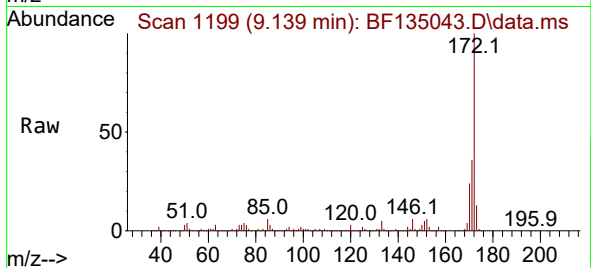
#45
2-Fluorobiphenyl
Concen: 87.129 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

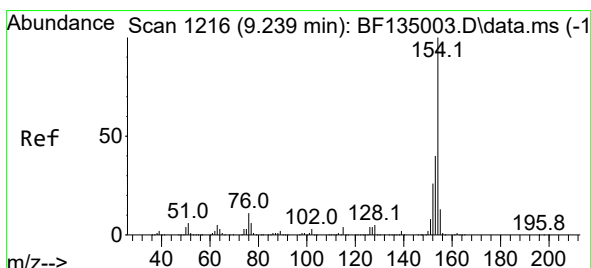
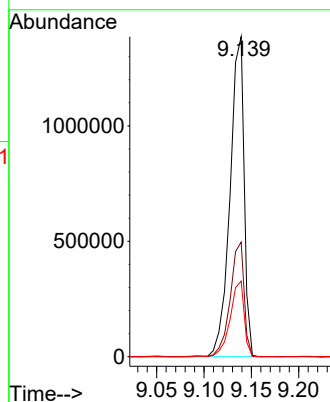
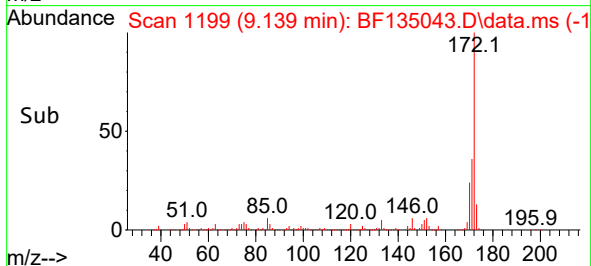


Tgt Ion:172 Resp: 1434750
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.7 19.0 28.4

Manual Integrations

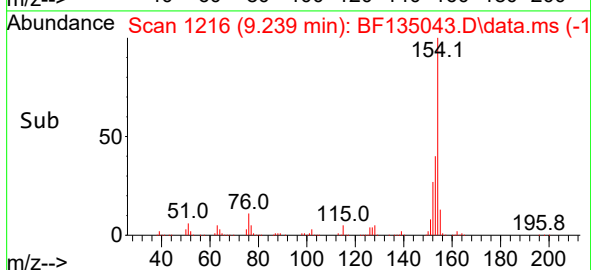
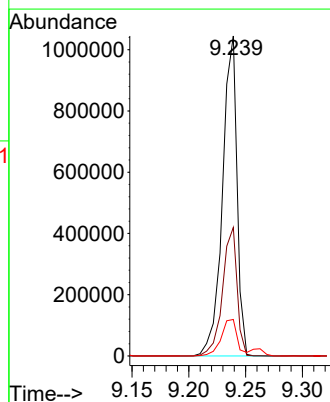
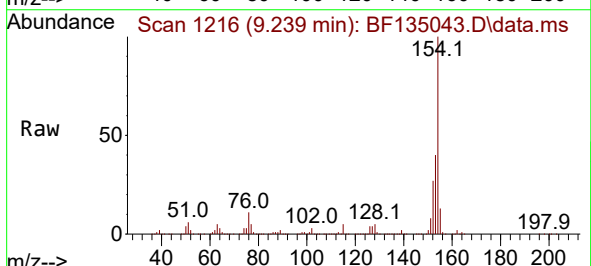
APPROVED

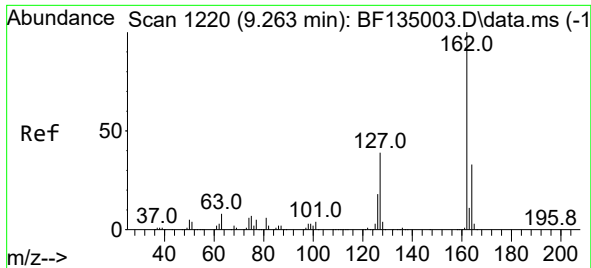
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#46
1,1'-Biphenyl
Concen: 45.534 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Tgt Ion:154 Resp: 932702
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 11.4 0.0 31.2





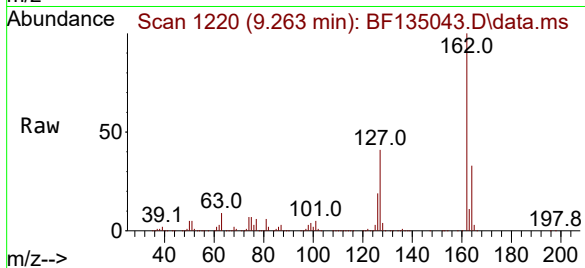
#47
2-Chloronaphthalene
Concen: 46.793 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

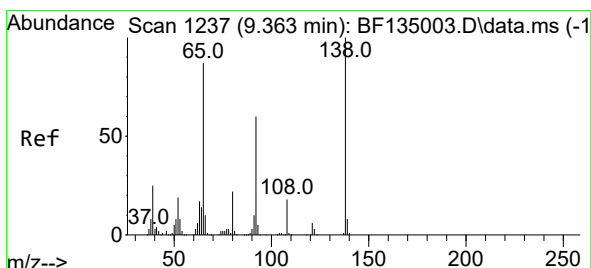
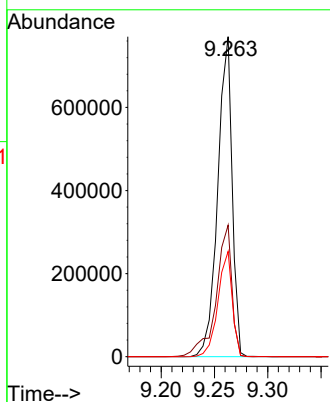
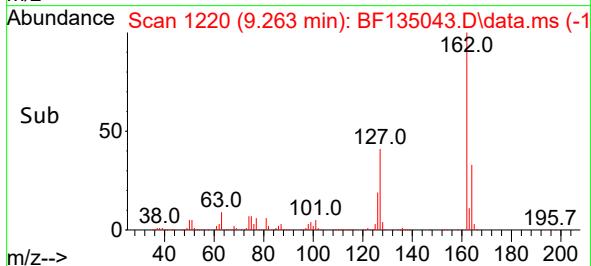
PB155174BS



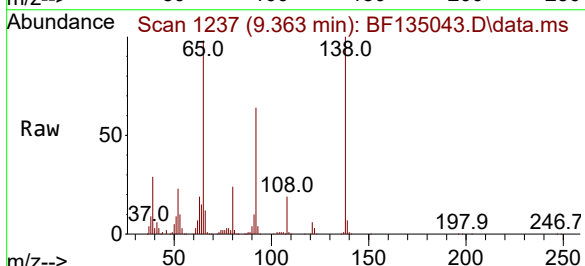
Tgt Ion:162 Resp: 720782
Ion Ratio Lower Upper
162 100
127 41.1 31.8 47.6
164 32.9 26.6 39.8

Manual Integrations
APPROVED

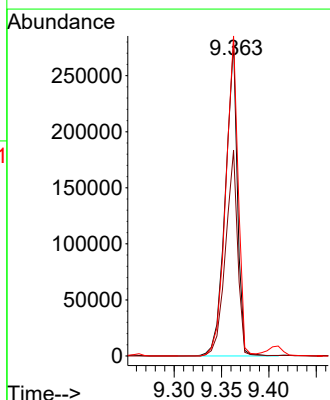
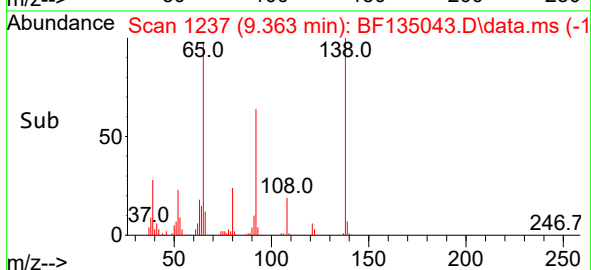
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

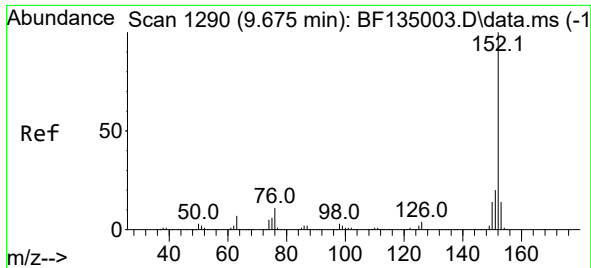


#48
2-Nitroaniline
Concen: 47.335 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



Tgt Ion: 65 Resp: 249595
Ion Ratio Lower Upper
65 100
92 65.4 54.9 82.3
138 101.8 91.6 137.4





#49

Acenaphthylene

Concen: 46.870 ng

RT: 9.674 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BF135043.D

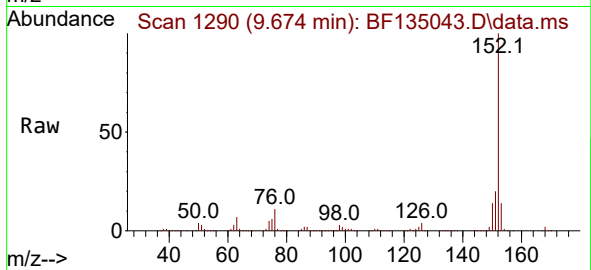
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS



Tgt Ion:152 Resp: 109135

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

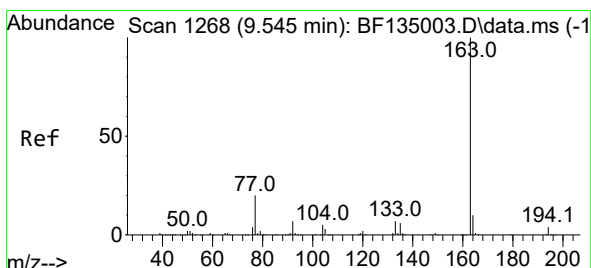
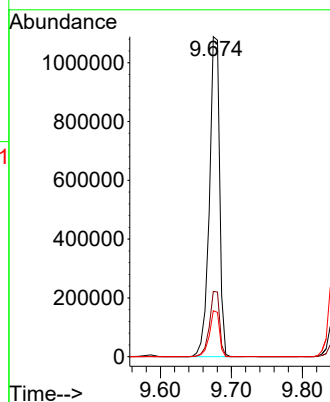
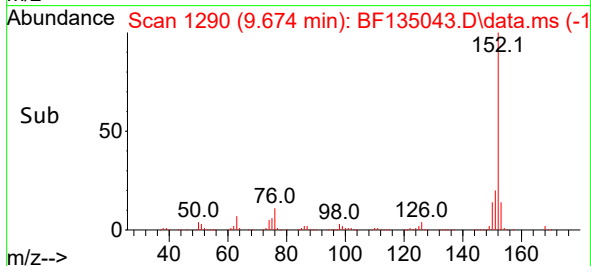
153 14.4 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#50

Dimethylphthalate

Concen: 46.204 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.000 min

Lab File: BF135043.D

Acq: 31 Aug 2023 15:57

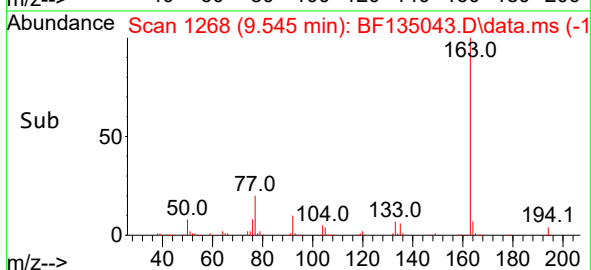
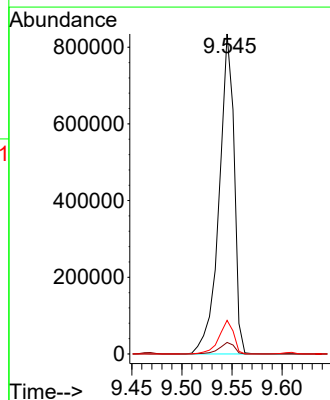
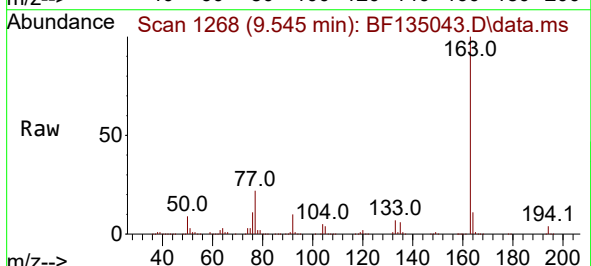
Tgt Ion:163 Resp: 867376

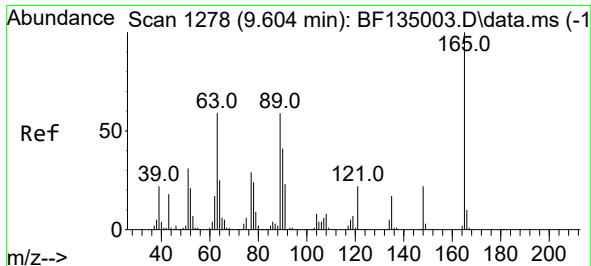
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 10.5 8.1 12.1





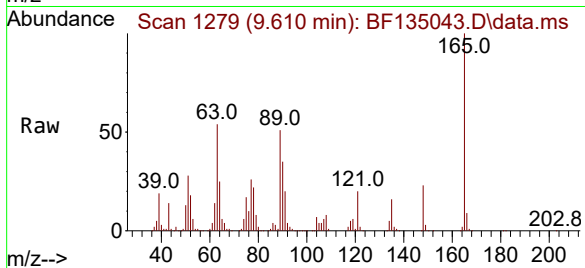
#51
2,6-Dinitrotoluene
Concen: 47.277 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

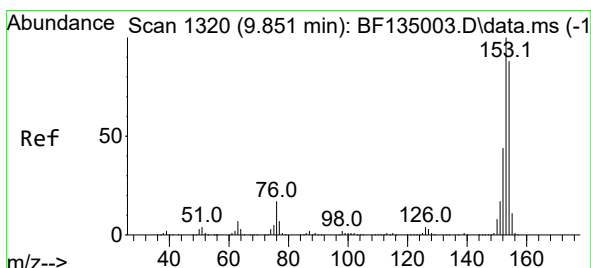
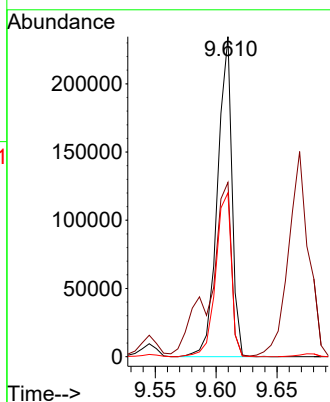
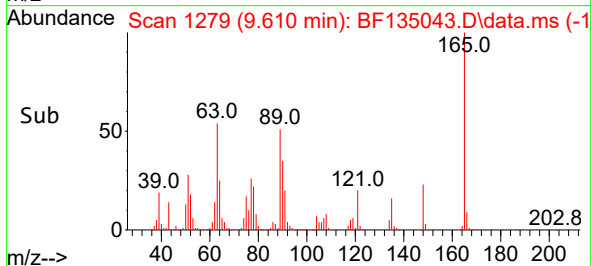


Tgt Ion:165 Resp: 194745
Ion Ratio Lower Upper
165 100
63 54.5 50.4 75.6
89 51.2 47.1 70.7

Manual Integrations

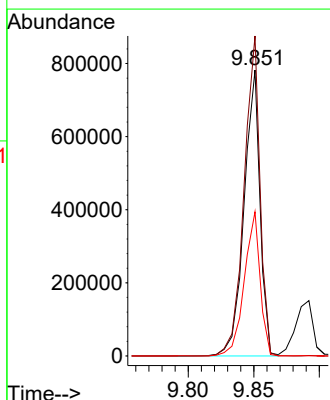
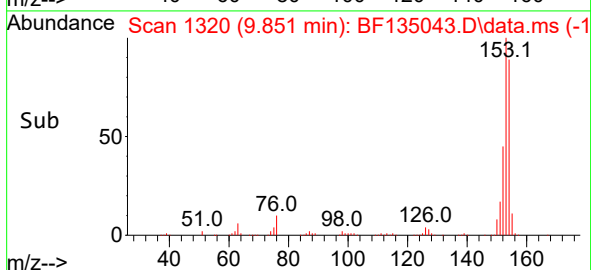
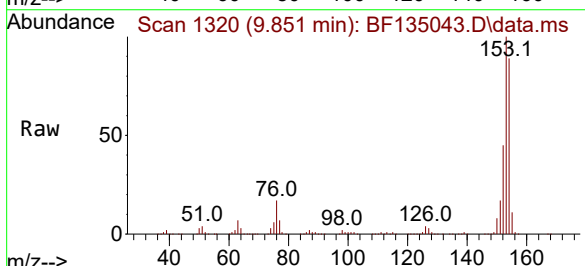
APPROVED

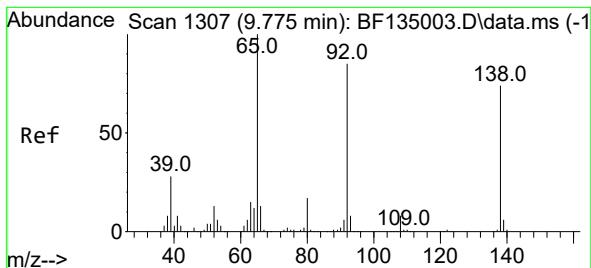
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#52
Acenaphthene
Concen: 44.752 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Tgt Ion:154 Resp: 664064
Ion Ratio Lower Upper
154 100
153 111.9 90.8 136.2
152 50.4 40.2 60.4





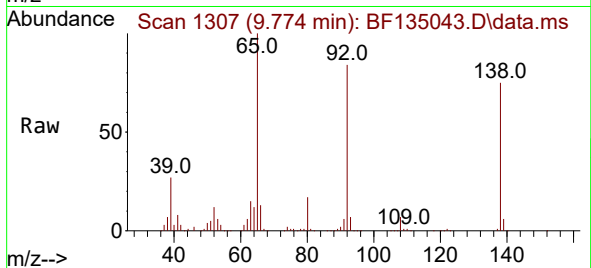
#53
3-Nitroaniline
Concen: 31.291 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

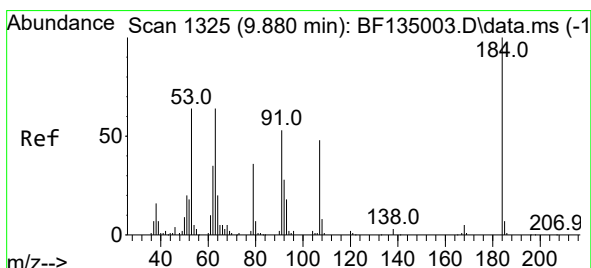
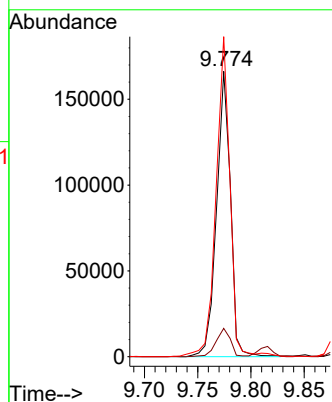
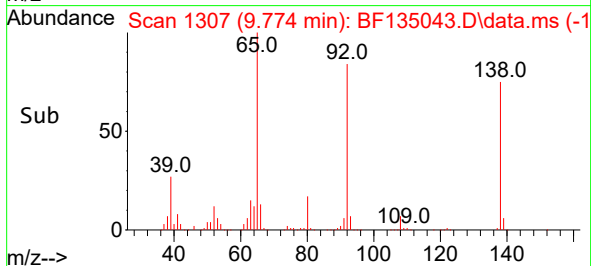


Tgt Ion:138 Resp: 15014
Ion Ratio Lower Upper
138 100
108 9.9 8.6 13.0
92 112.2 92.2 138.4

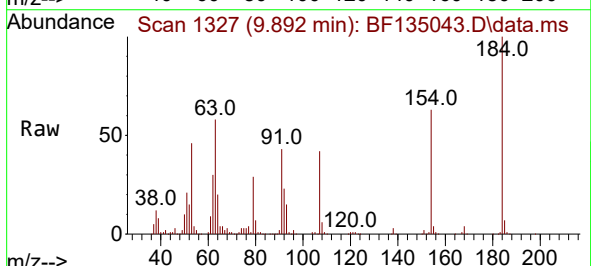
Manual Integrations

APPROVED

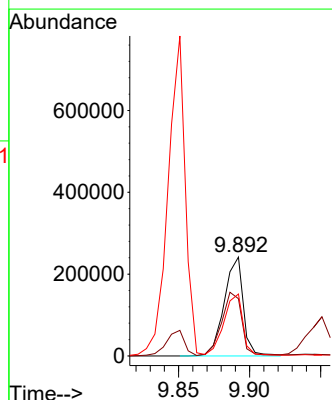
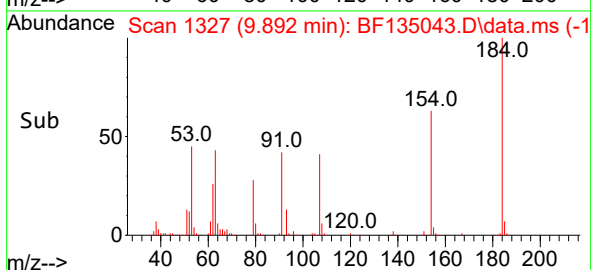
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

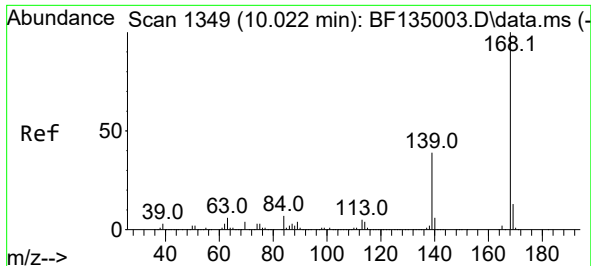


#54
2,4-Dinitrophenol
Concen: 114.731 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.012 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



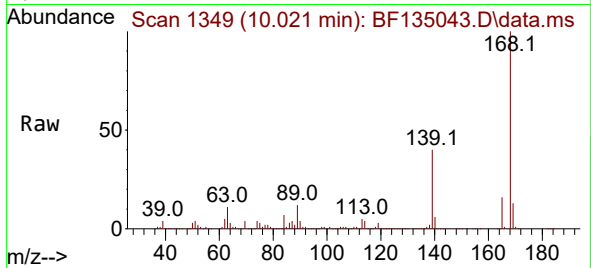
Tgt Ion:184 Resp: 225872
Ion Ratio Lower Upper
184 100
63 57.9 62.2 93.2#
154 62.7 52.3 78.5





#55
Dibenzenofuran
Concen: 44.669 ng
RT: 10.021 min Scan# 1349
Delta R.T. -0.001 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

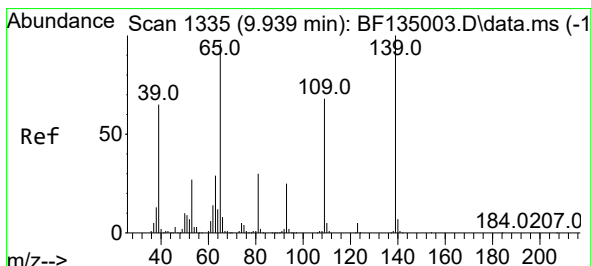
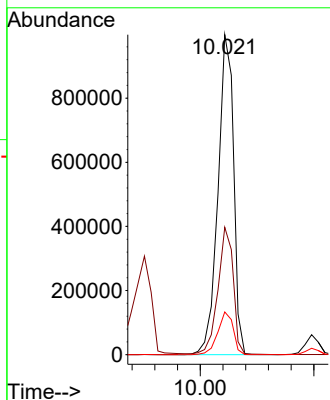
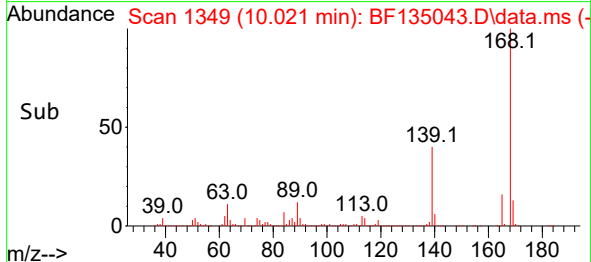
Instrument :
BNA_F
ClientSampleId :
PB155174BS



Tgt Ion:168 Resp: 95616
Ion Ratio Lower Upper
168 100
139 39.8 31.5 47.3
169 13.3 10.7 16.1

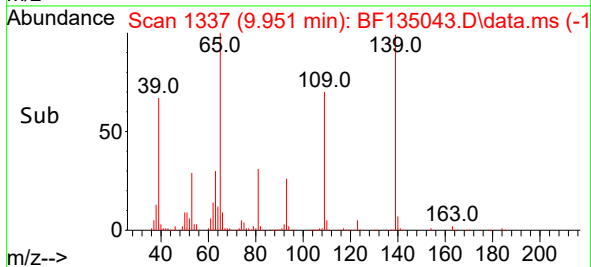
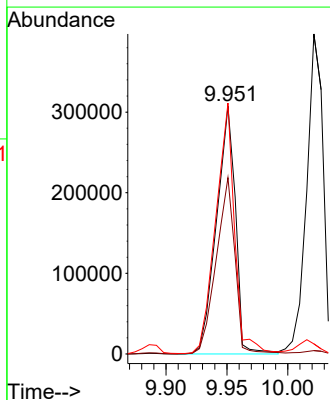
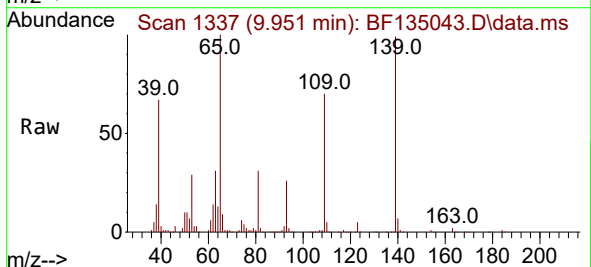
Manual Integrations
APPROVED

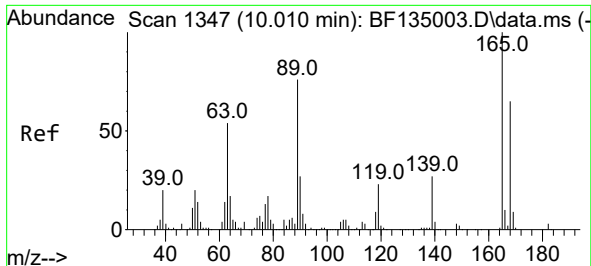
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#56
4-Nitrophenol
Concen: 98.829 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Tgt Ion:139 Resp: 333346
Ion Ratio Lower Upper
139 100
109 71.2 47.7 87.7
65 101.3 75.9 115.9





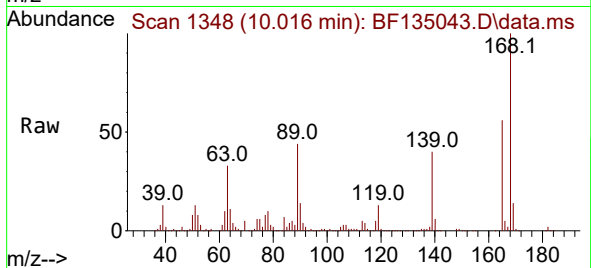
#57
2,4-Dinitrotoluene
Concen: 47.890 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

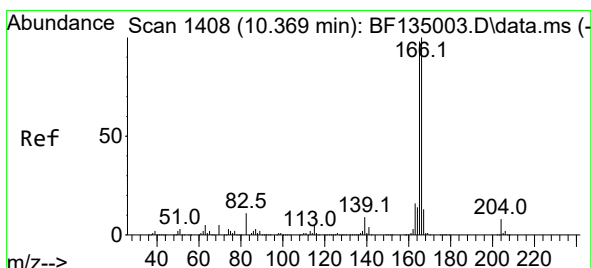
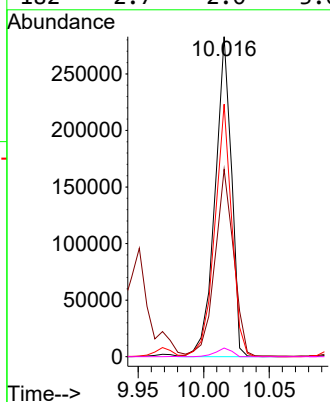
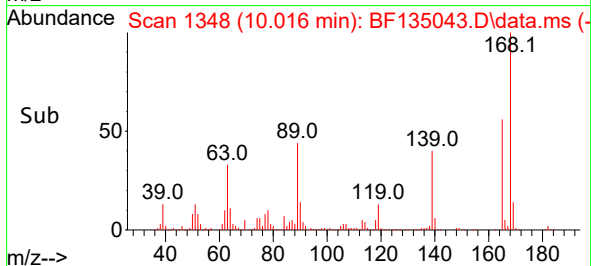


Tgt Ion:165 Resp: 24584
Ion Ratio Lower Upper
165 100
63 58.5 43.2 64.8
89 78.9 60.8 91.2
182 2.7 2.0 3.0

Manual Integrations

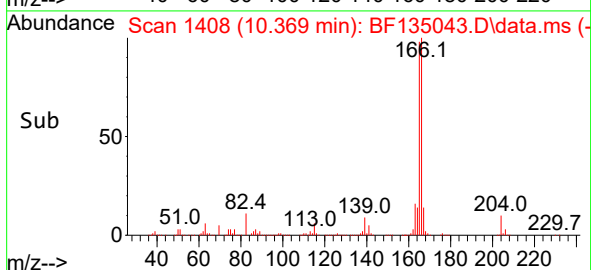
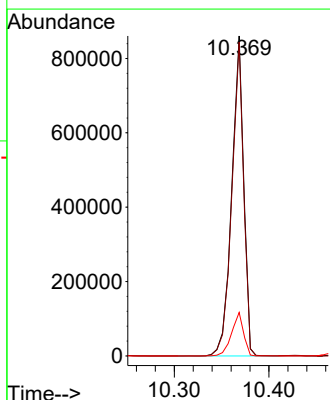
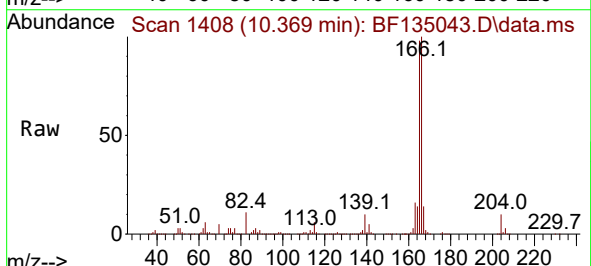
APPROVED

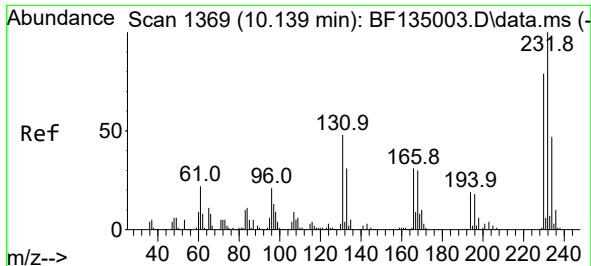
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#58
Fluorene
Concen: 46.304 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

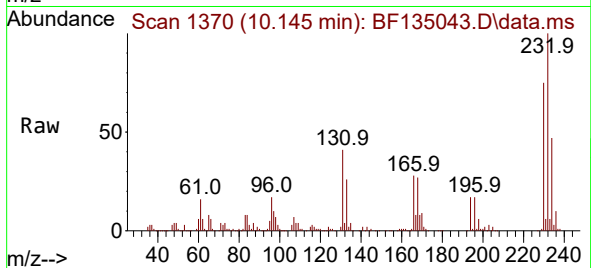
Tgt Ion:166 Resp: 755625
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.780 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

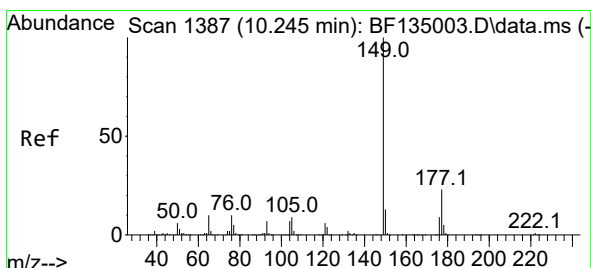
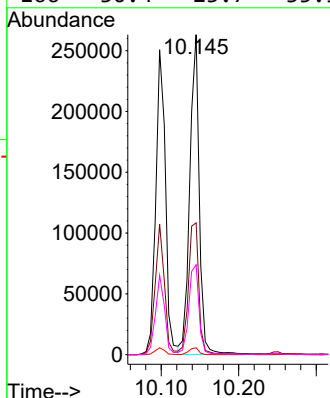
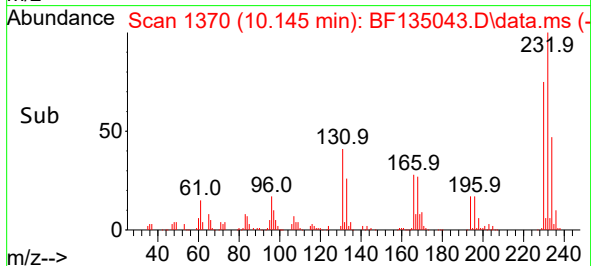
Instrument :
BNA_F
ClientSampleId :
PB155174BS



Tgt Ion:232 Resp: 223680
Ion Ratio Lower Upper
232 100
131 45.1 35.3 52.9
130 2.3 1.7 2.5
166 30.4 23.7 35.5

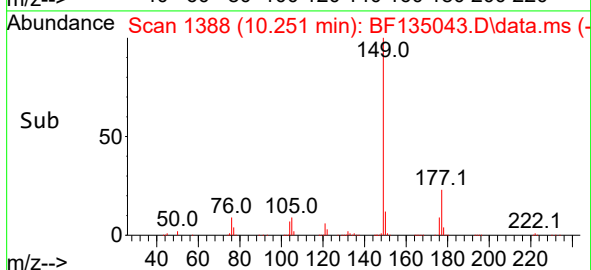
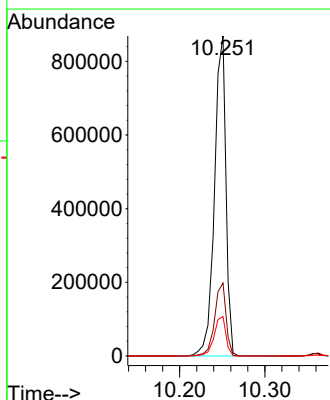
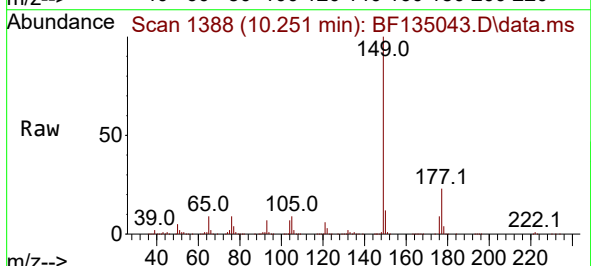
Manual Integrations
APPROVED

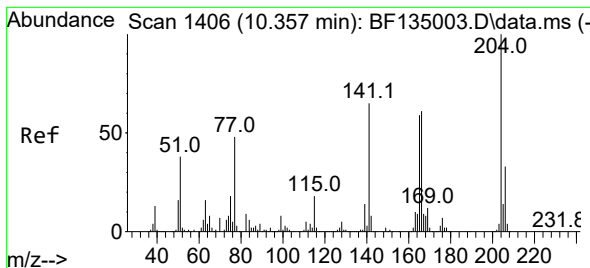
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#60
Diethylphthalate
Concen: 45.888 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

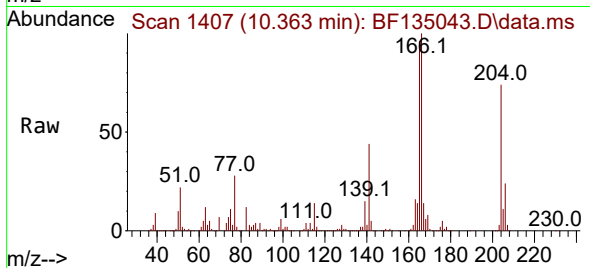
Tgt Ion:149 Resp: 810908
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.106 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

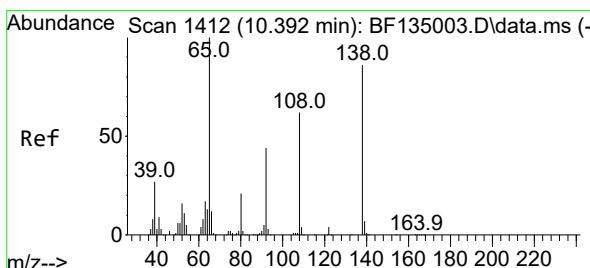
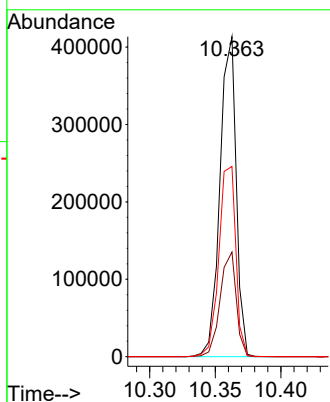
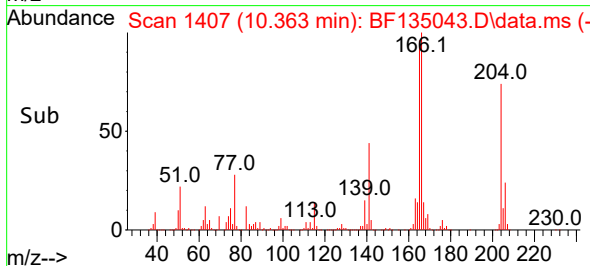
Instrument :
BNA_F
ClientSampleId :
PB155174BS



Tgt Ion:204 Resp: 356018
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 59.4 51.8 77.6

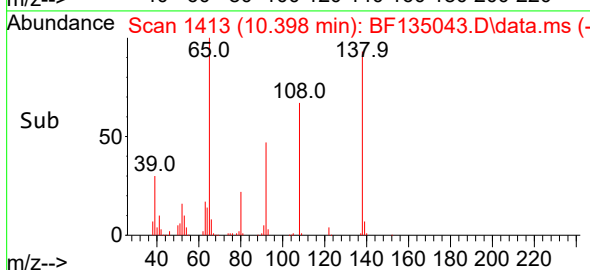
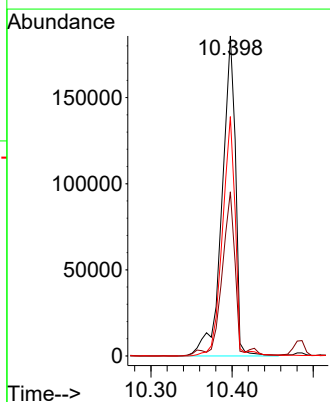
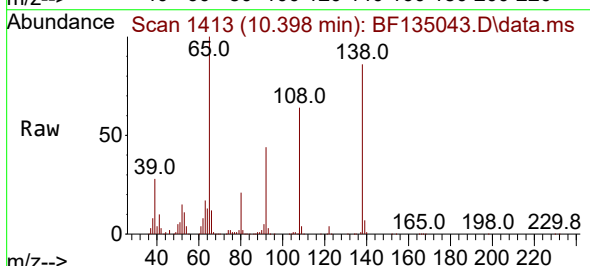
Manual Integrations
APPROVED

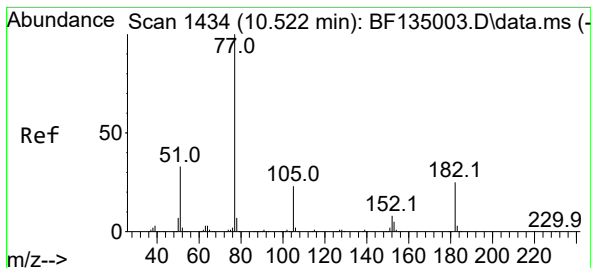
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#62
4-Nitroaniline
Concen: 45.869 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

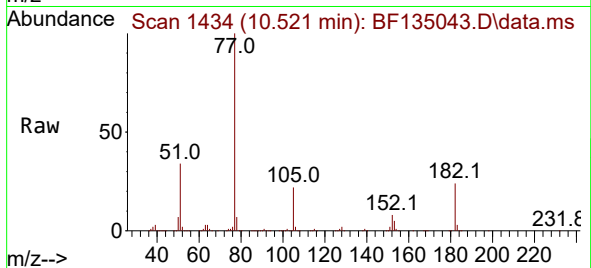
Tgt Ion:138 Resp: 215359
Ion Ratio Lower Upper
138 100
92 51.3 30.7 70.7
108 74.8 51.7 91.7





#63
Azobenzene
Concen: 45.308 ng
RT: 10.521 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

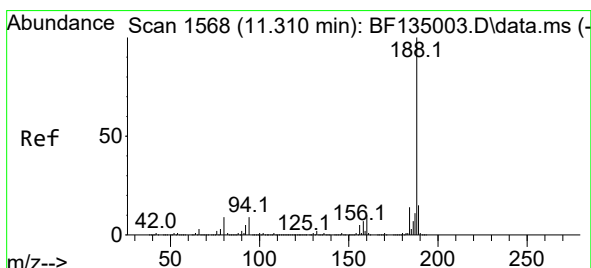
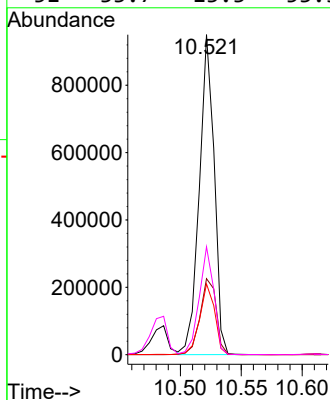
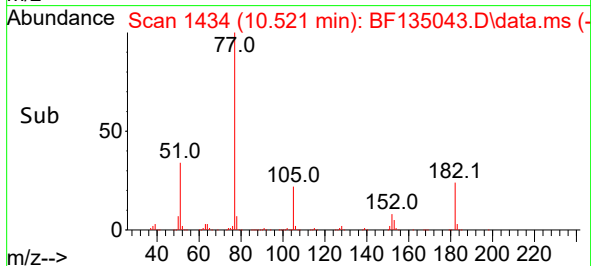
Instrument :
BNA_F
ClientSampleId :
PB155174BS



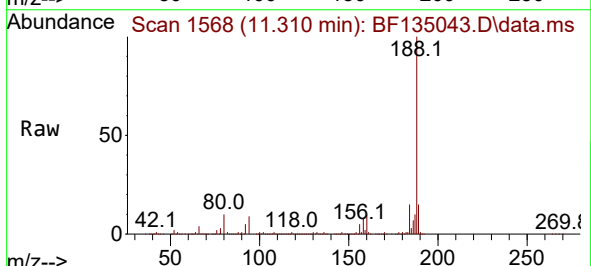
Tgt Ion: 77 Resp: 806192
Ion Ratio Lower Upper
77 100
182 23.8 4.9 44.9
105 22.1 2.7 42.7
51 33.7 13.3 53.3

Manual Integrations
APPROVED

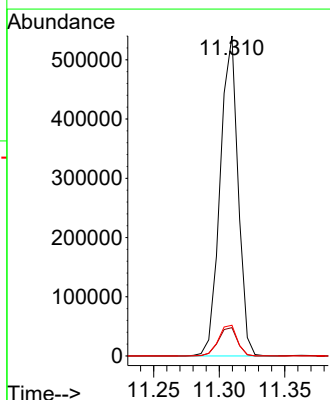
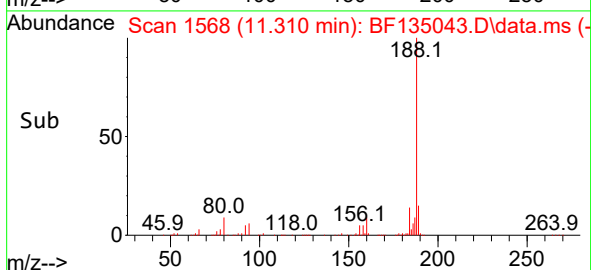
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

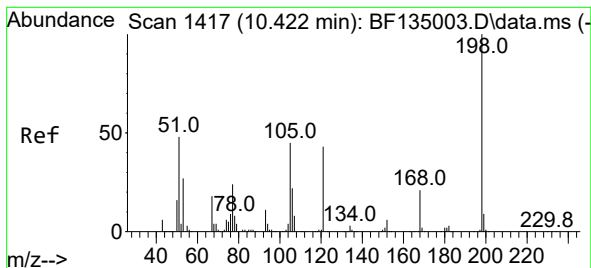


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



Tgt Ion:188 Resp: 512102
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.6 7.4 11.2





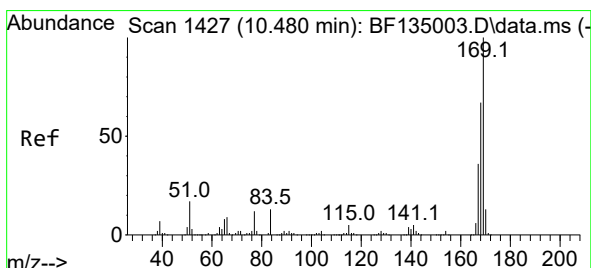
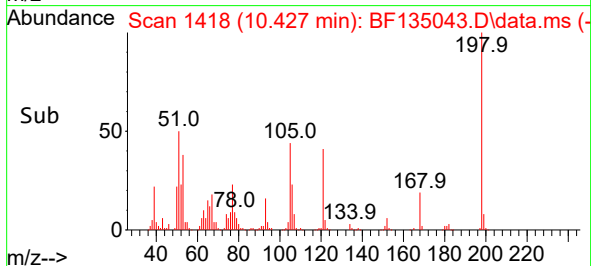
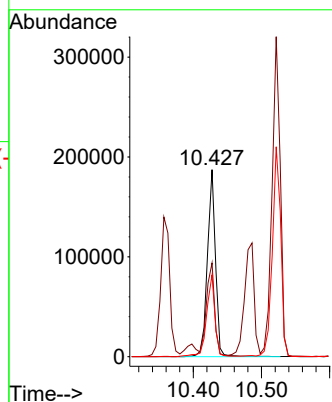
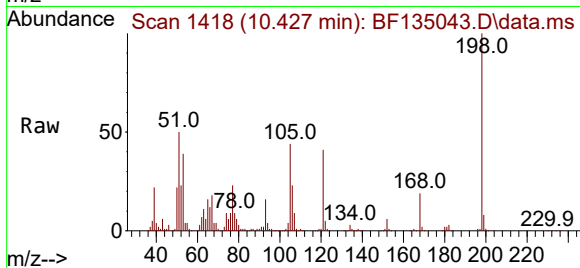
#65
4,6-Dinitro-2-methylphenol
Concen: 50.034 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :
BNA_F
ClientSampleId :
PB155174BS

Tgt Ion:198 Resp: 155072
Ion Ratio Lower Upper
198 100
51 50.2 35.7 75.7
105 43.7 25.9 65.9

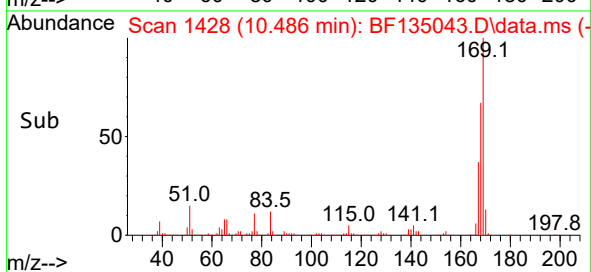
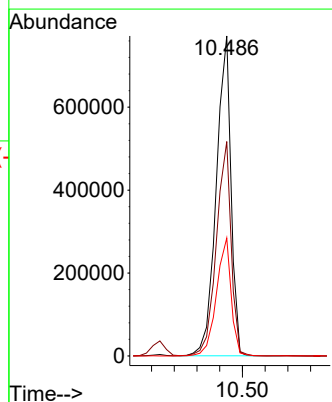
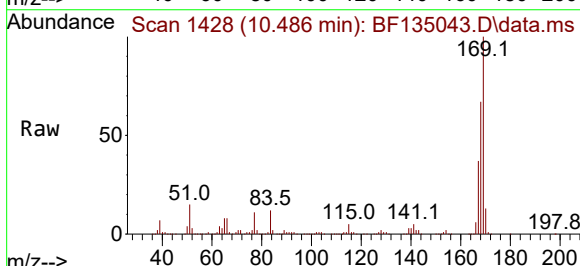
Manual Integrations
APPROVED

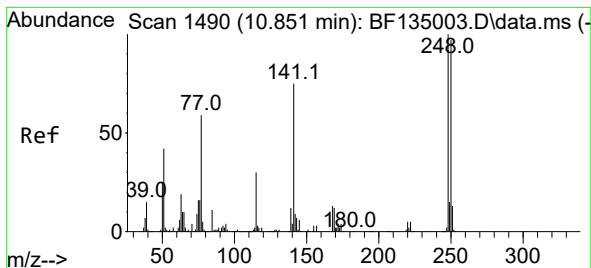
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#66
n-Nitrosodiphenylamine
Concen: 43.732 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Tgt Ion:169 Resp: 696347
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.0
167 36.9 29.0 43.4





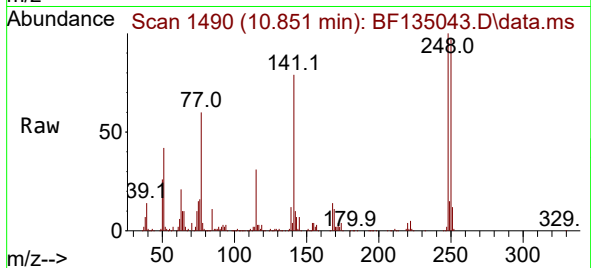
#67
4-Bromophenyl-phenylether
Concen: 43.960 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

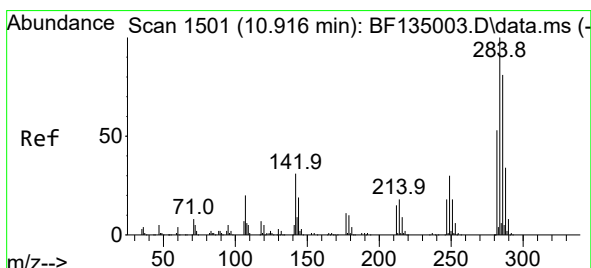
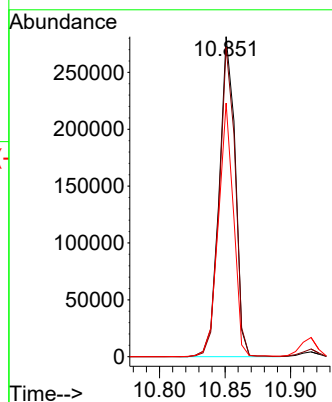
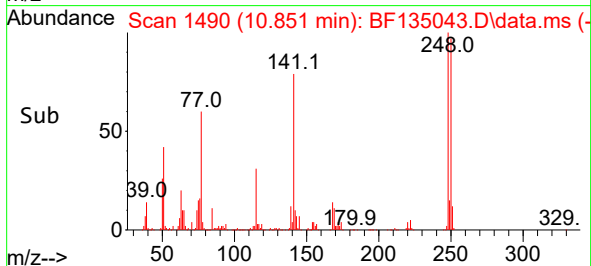


Tgt Ion:248 Resp: 238775
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 79.3 59.8 89.8

Manual Integrations

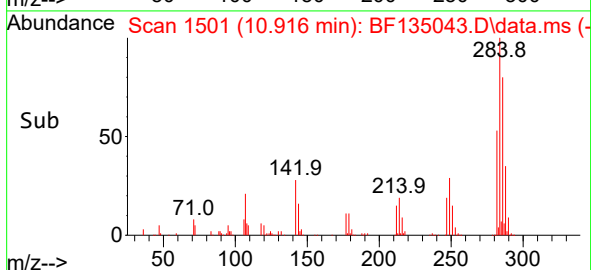
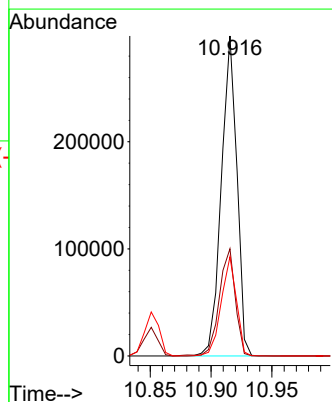
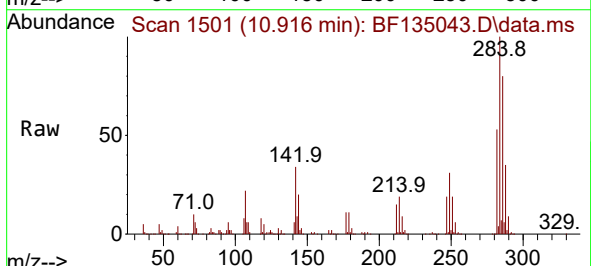
APPROVED

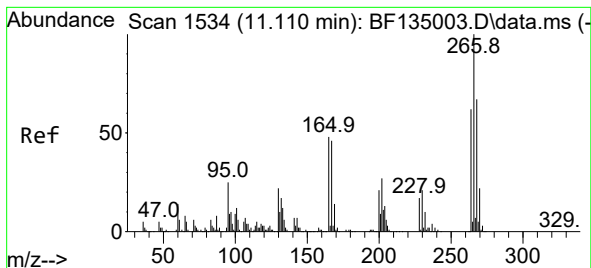
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#68
Hexachlorobenzene
Concen: 47.290 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Tgt Ion:284 Resp: 265600
Ion Ratio Lower Upper
284 100
142 33.5 25.1 37.7
249 31.0 24.1 36.1





#70

Pentachlorophenol

Concen: 78.064 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF135043.D

Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

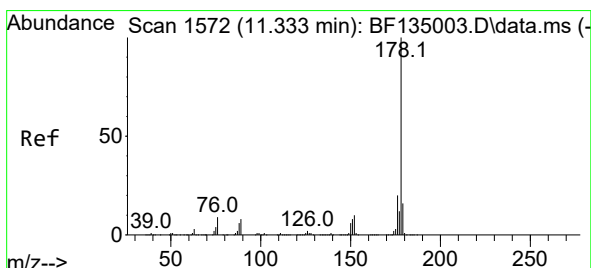
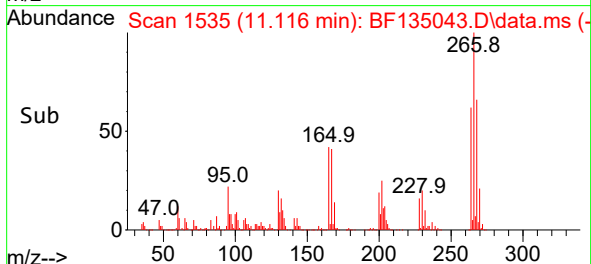
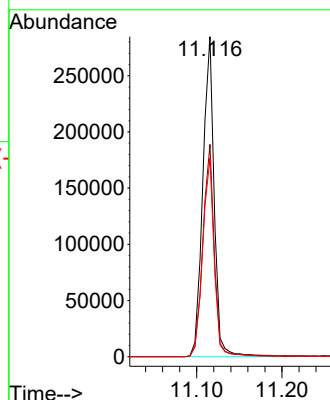
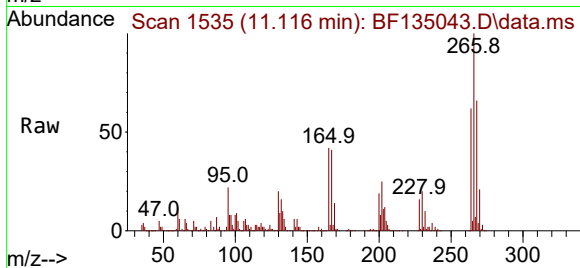
Tgt Ion:	266	Resp:	26525
Ion Ratio	Lower	Upper	
266	100		
268	66.4	53.3	79.9
264	62.0	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#71

Phenanthrene

Concen: 44.673 ng

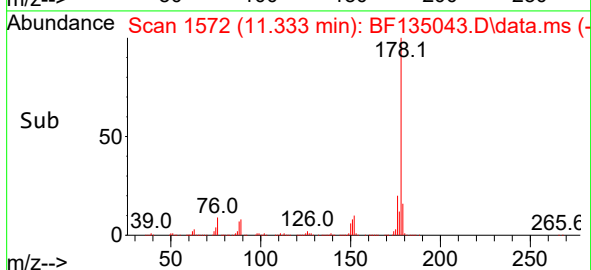
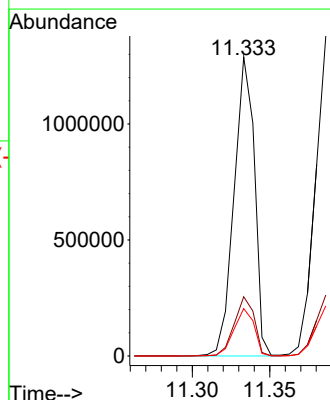
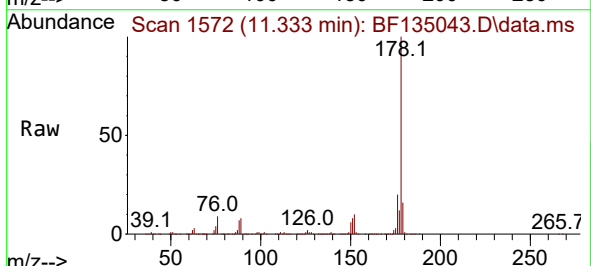
RT: 11.333 min Scan# 1572

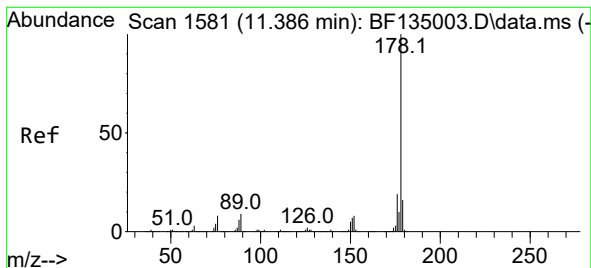
Delta R.T. -0.000 min

Lab File: BF135043.D

Acq: 31 Aug 2023 15:57

Tgt Ion:	178	Resp:	1180233
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.9	23.9
179	15.8	12.5	18.7





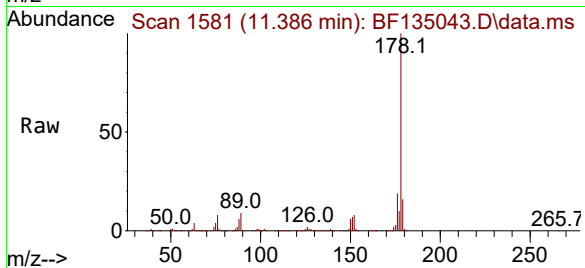
#72
 Anthracene
 Concen: 45.053 ng
 RT: 11.386 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF135043.D
 Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

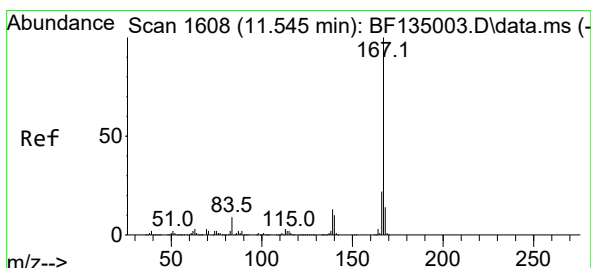
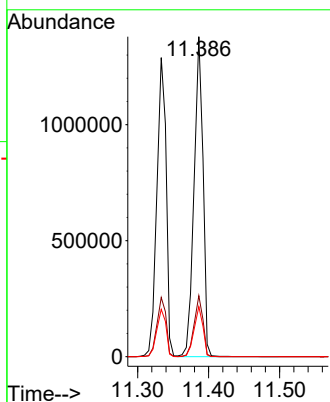
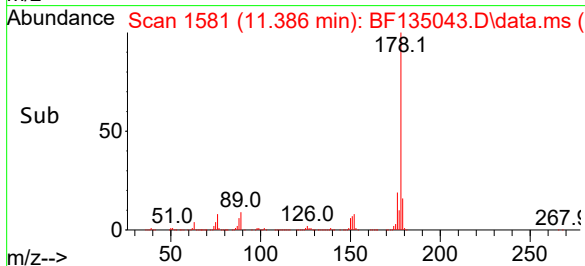


Tgt Ion:178 Resp: 121612
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.7 12.8 19.2

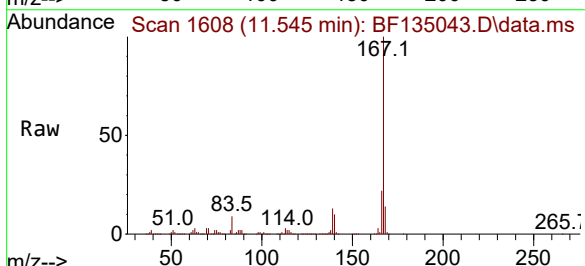
Manual Integrations

APPROVED

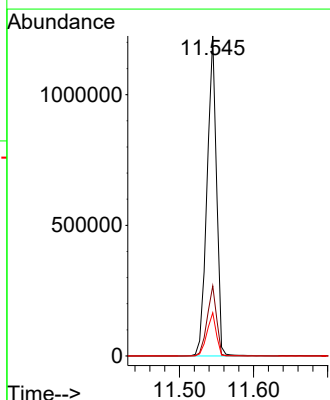
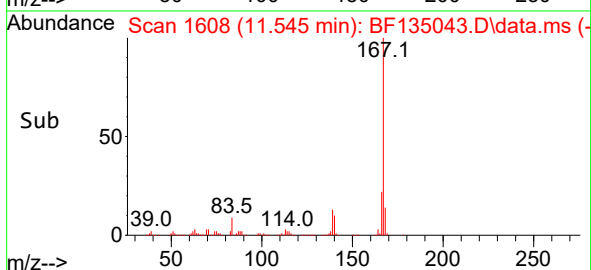
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

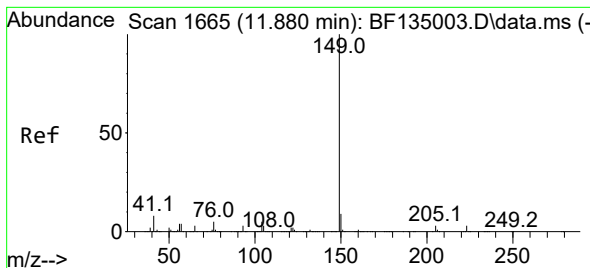


#73
 Carbazole
 Concen: 46.937 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.000 min
 Lab File: BF135043.D
 Acq: 31 Aug 2023 15:57



Tgt Ion:167 Resp: 1092783
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.5 10.3 15.5





#74

Di-n-butylphthalate

Concen: 45.396 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.000 min

Lab File: BF135043.D

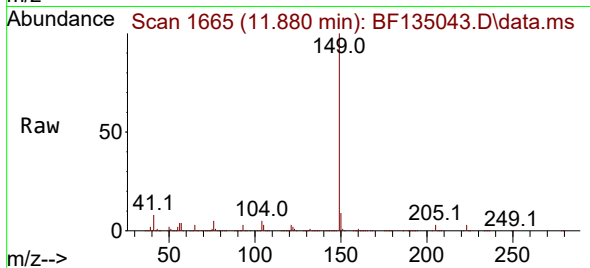
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS



Tgt Ion:149 Resp: 1274045

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

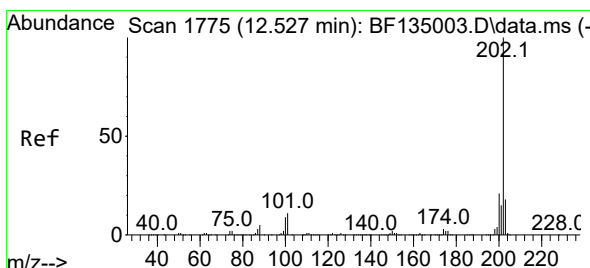
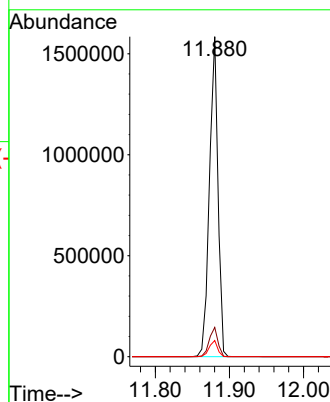
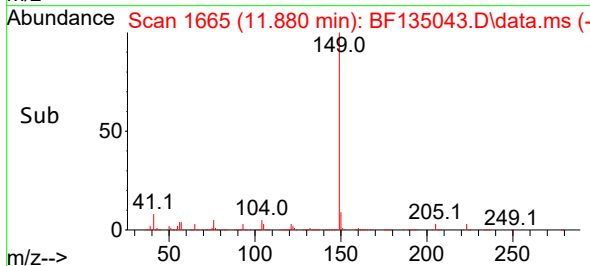
104 5.0 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#75

Fluoranthene

Concen: 47.343 ng

RT: 12.527 min Scan# 1775

Delta R.T. -0.000 min

Lab File: BF135043.D

Acq: 31 Aug 2023 15:57

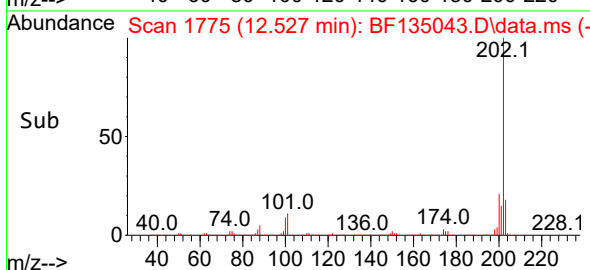
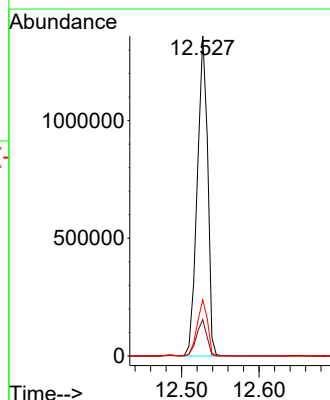
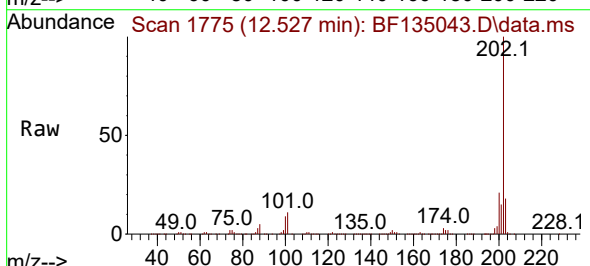
Tgt Ion:202 Resp: 1264611

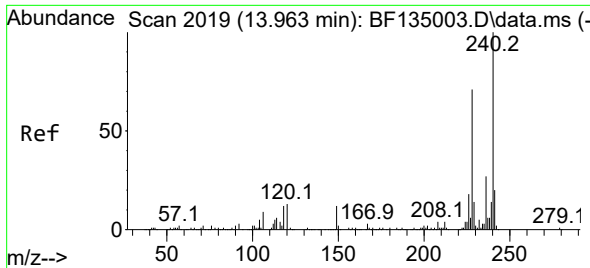
Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.5

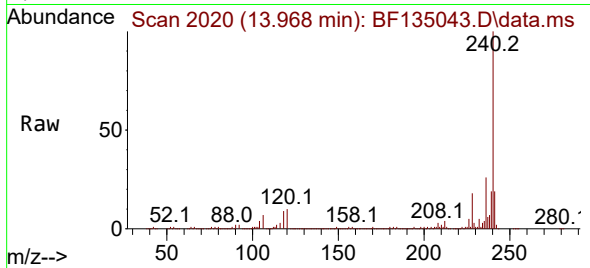
203 17.6 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

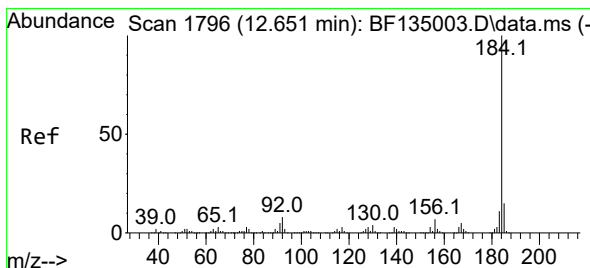
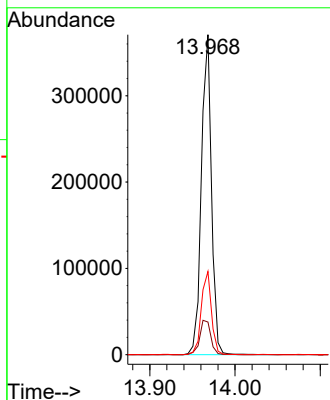
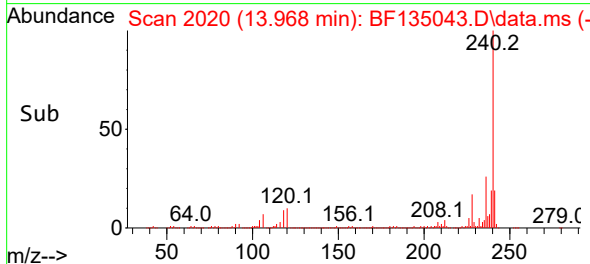
Instrument :
BNA_F
ClientSampleId :
PB155174BS



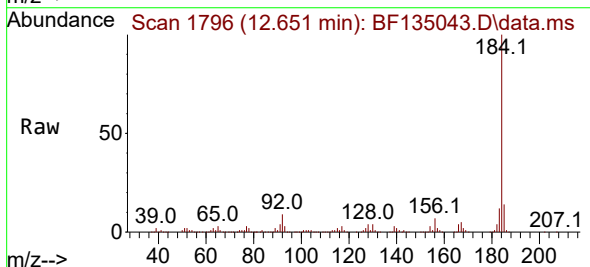
Tgt Ion:240 Resp: 304440
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.2
236 26.0 21.3 31.9

Manual Integrations
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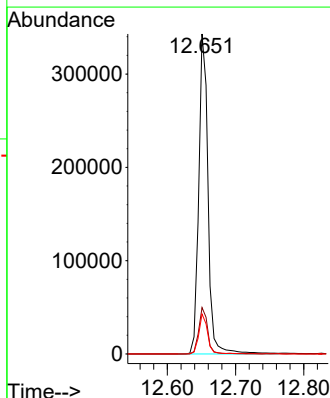
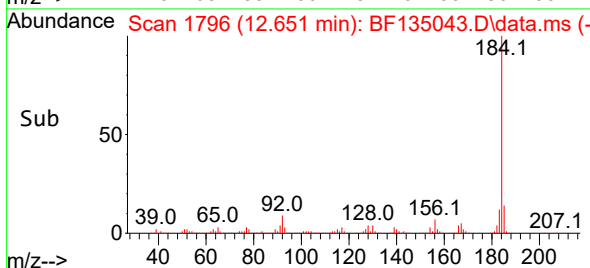
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

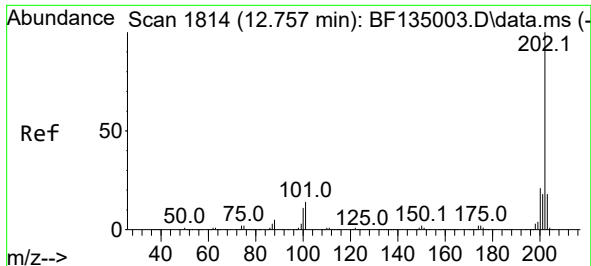


#77
Benzidine
Concen: 59.330 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



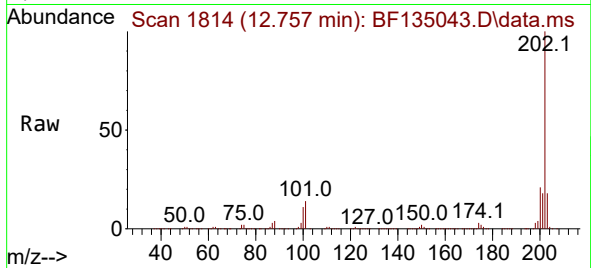
Tgt Ion:184 Resp: 325604
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 12.5 9.0 13.6





#78
Pyrene
Concen: 44.306 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

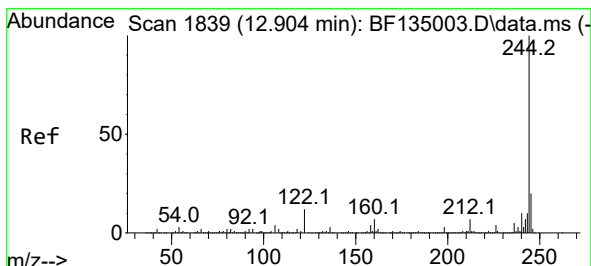
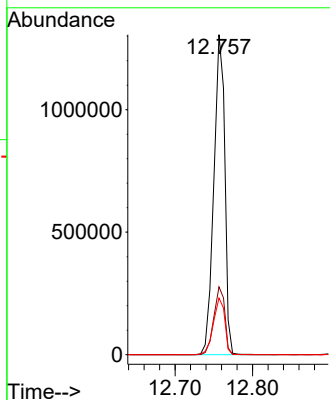
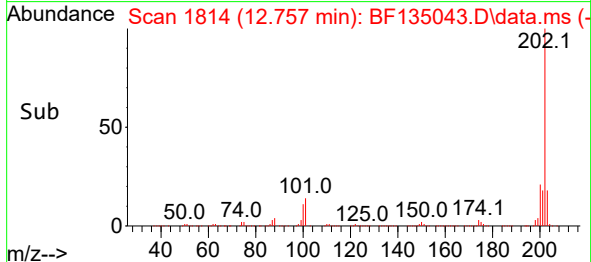
Instrument :
BNA_F
ClientSampleId :
PB155174BS



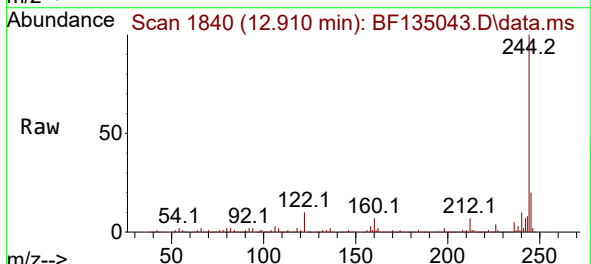
Tgt Ion:202 Resp: 1280680
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.7 14.2 21.2

Manual Integrations
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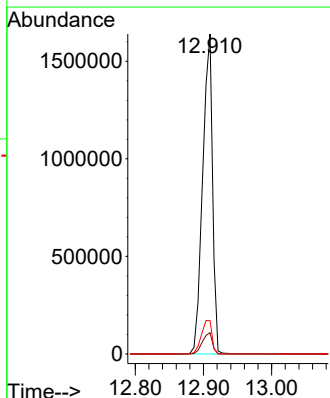
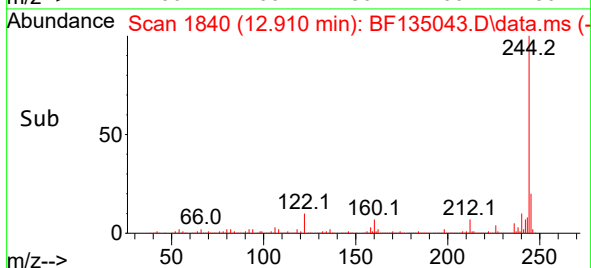
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

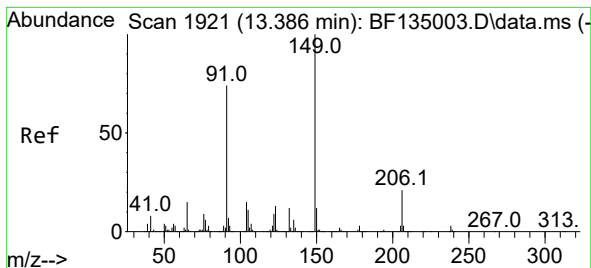


#79
Terphenyl-d14
Concen: 88.413 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



Tgt Ion:244 Resp: 1649402
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.4 9.8 14.6





#80
Butylbenzylphthalate
Concen: 49.552 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

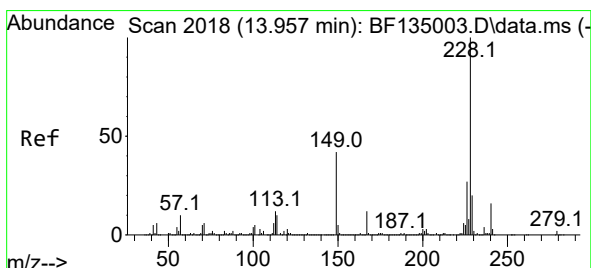
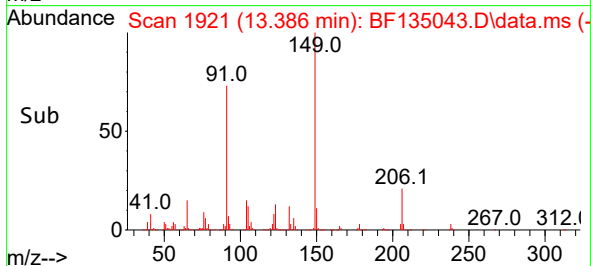
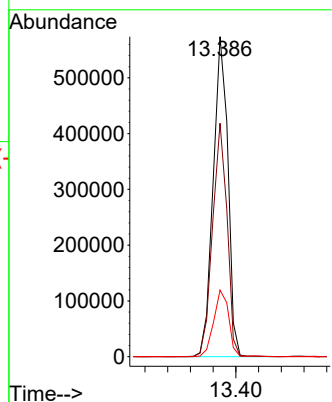
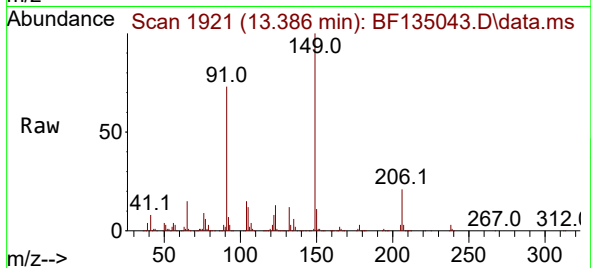
PB155174BS

Tgt Ion:149 Resp: 51743
Ion Ratio Lower Upper
149 100
91 73.0 59.0 88.6
206 20.8 16.7 25.1

Manual Integrations

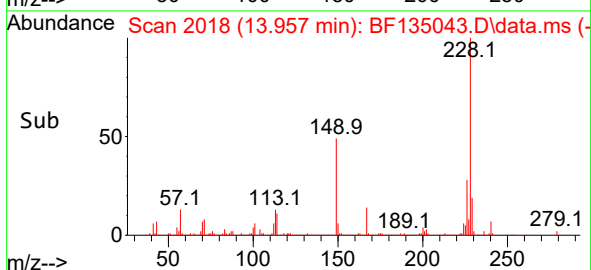
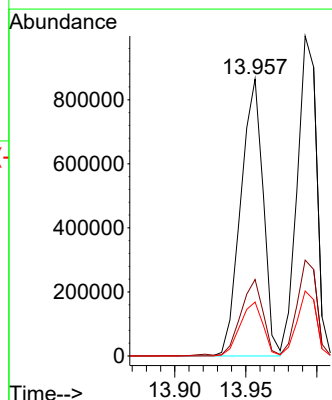
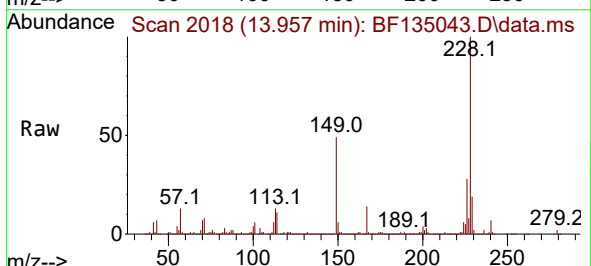
APPROVED

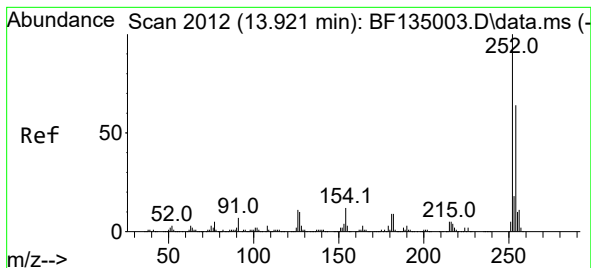
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#81
Benzo(a)anthracene
Concen: 45.740 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Tgt Ion:228 Resp: 949891
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 19.4 15.6 23.4





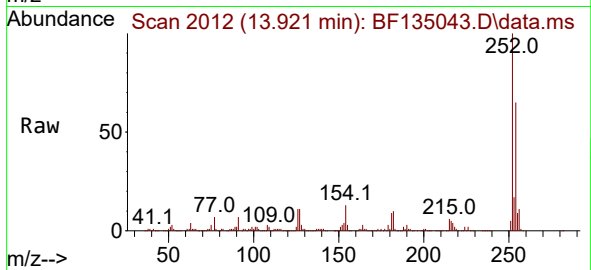
#82
3,3'-Dichlorobenzidine
Concen: 41.582 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

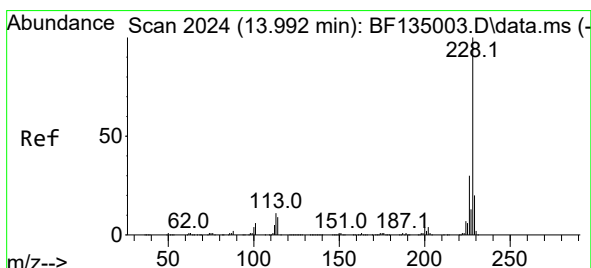
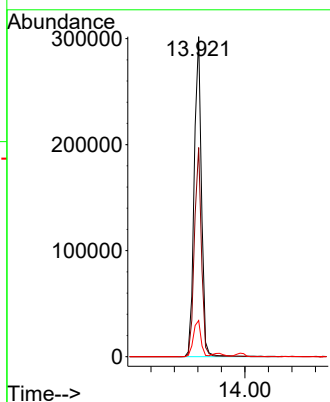
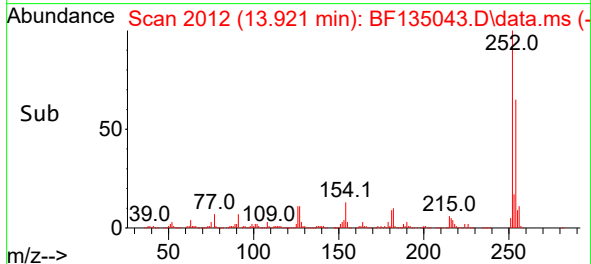


Tgt Ion:252 Resp: 260574
Ion Ratio Lower Upper
252 100
254 65.4 51.3 76.9
126 11.3 8.6 12.8

Manual Integrations

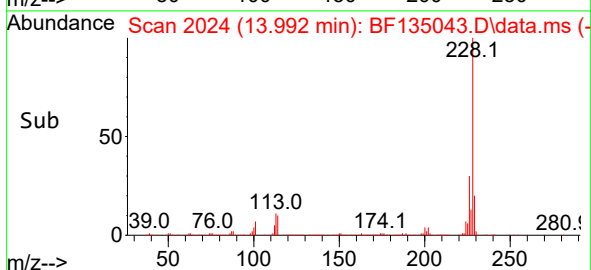
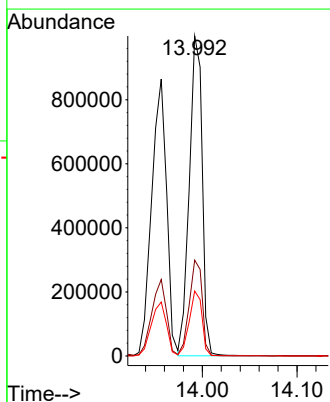
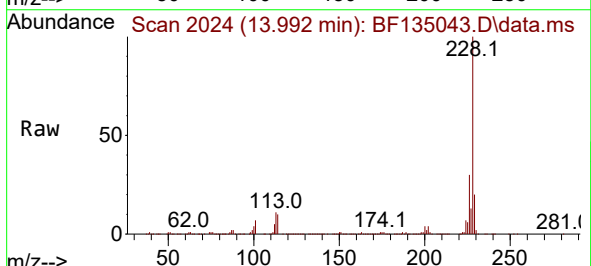
APPROVED

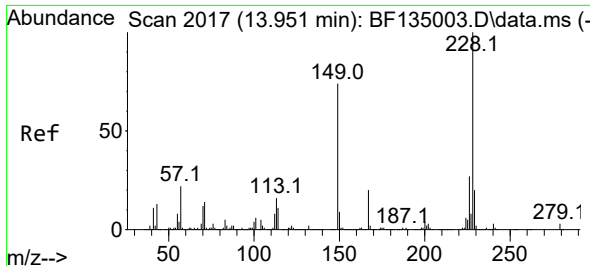
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#83
Chrysene
Concen: 46.582 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Tgt Ion:228 Resp: 950684
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.4
229 20.3 15.9 23.9





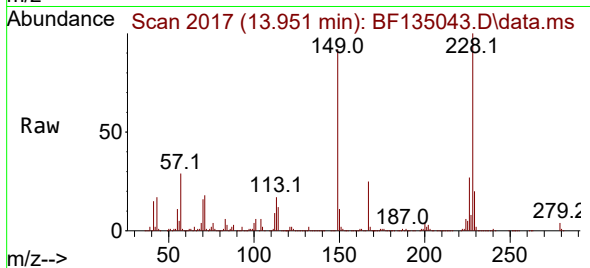
#84
Bis(2-ethylhexyl)phthalate
Concen: 54.761 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

PB155174BS

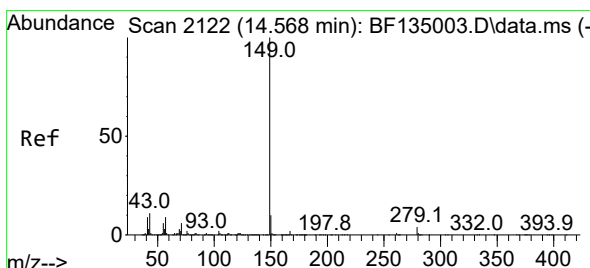
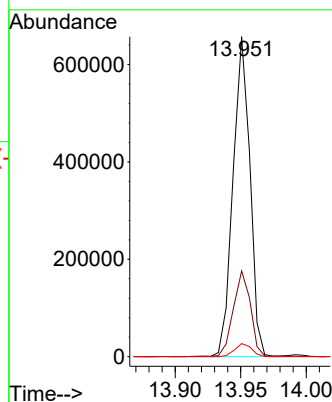
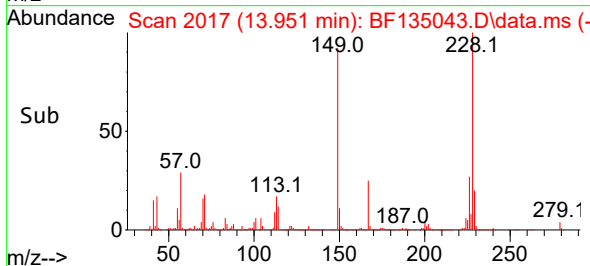


Tgt Ion:149 Resp: 591789
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 4.1 3.0 4.6

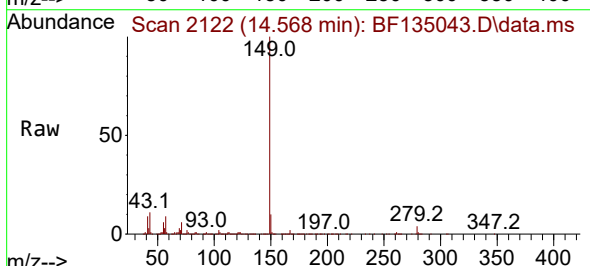
Manual Integrations

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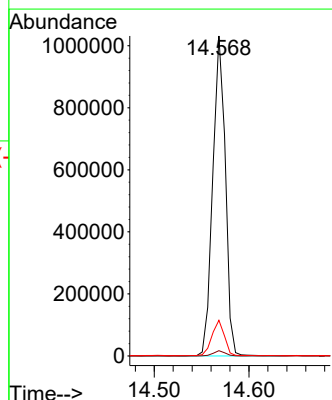
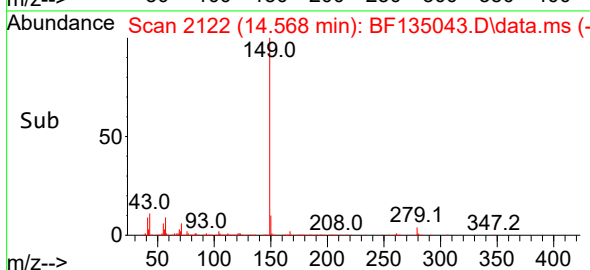
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

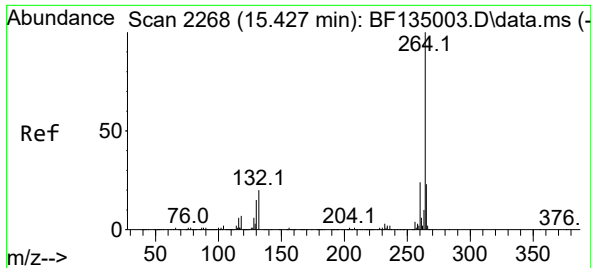


#85
Di-n-octyl phthalate
Concen: 57.549 ng
RT: 14.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



Tgt Ion:149 Resp: 949261
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.9 9.3 13.9





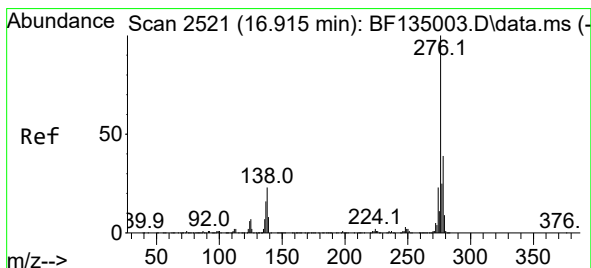
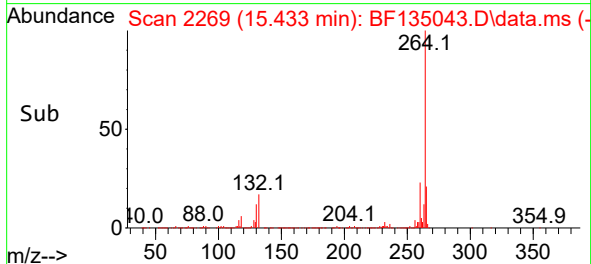
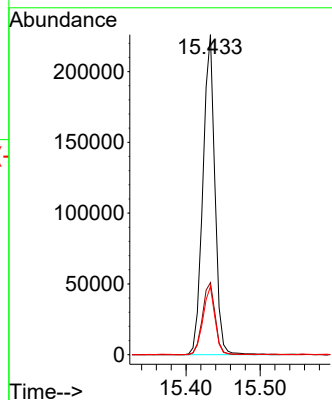
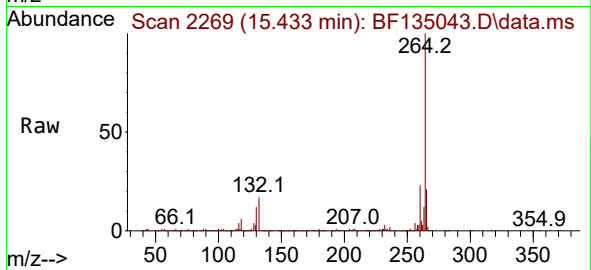
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135043.D
 Acq: 31 Aug 2023 15:57

Instrument :
 BNA_F
 ClientSampleId :
 PB155174BS

Tgt Ion:264 Resp: 253840
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.6
 265 21.3 18.2 27.2

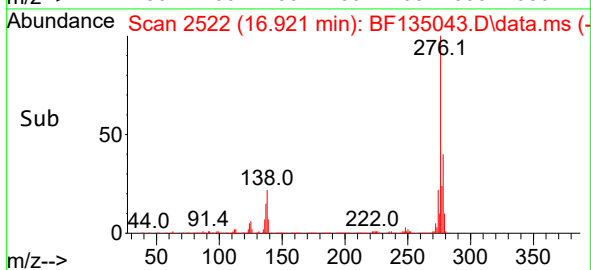
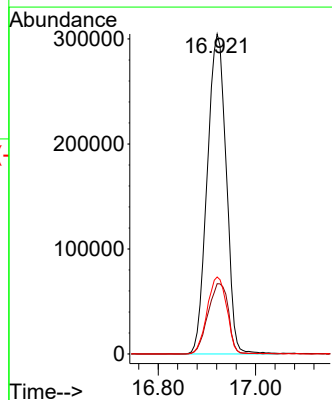
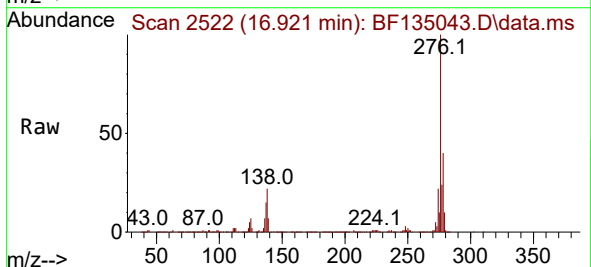
Manual Integrations
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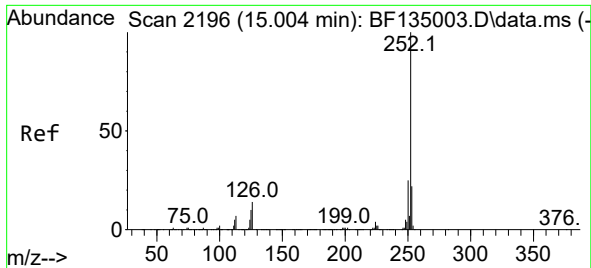
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.112 ng
 RT: 16.921 min Scan# 2522
 Delta R.T. 0.006 min
 Lab File: BF135043.D
 Acq: 31 Aug 2023 15:57

Tgt Ion:276 Resp: 822632
 Ion Ratio Lower Upper
 276 100
 138 23.7 20.2 30.2
 277 24.9 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 52.706 ng
RT: 15.009 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

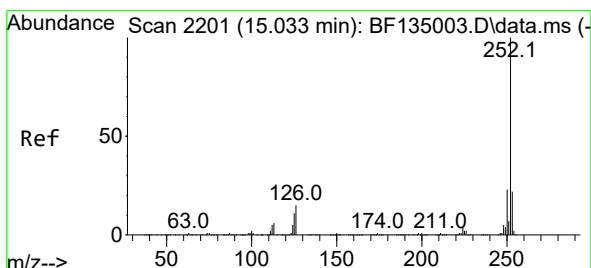
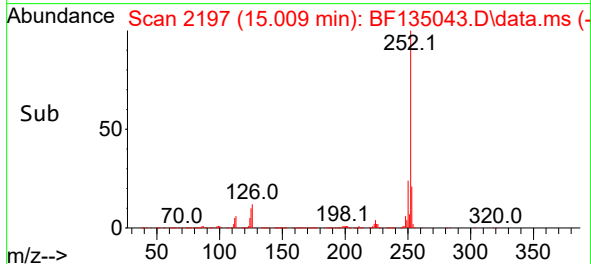
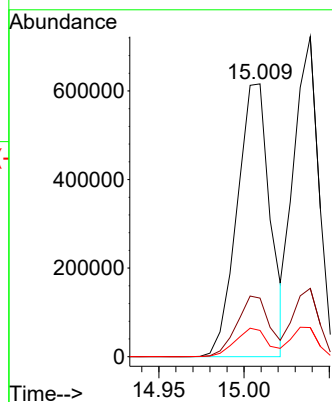
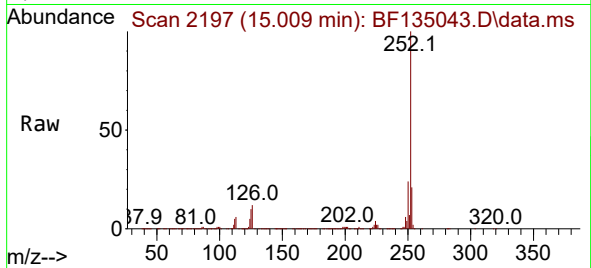
PB155174BS

Tgt Ion:252 Resp: 832479
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 9.6 8.4 12.6

Manual Integrations

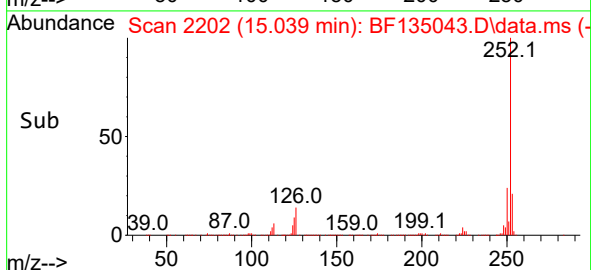
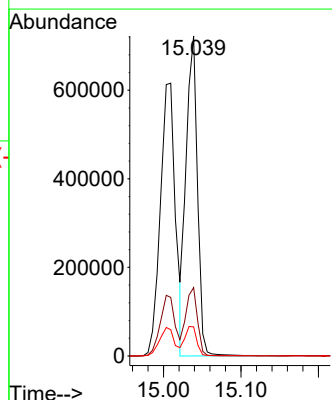
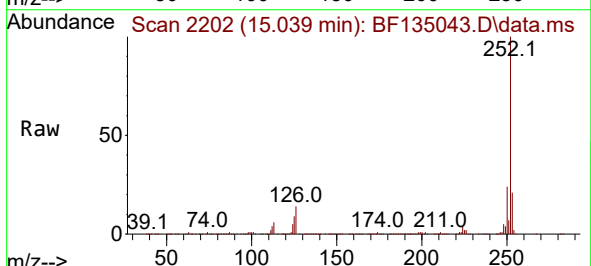
APPROVED

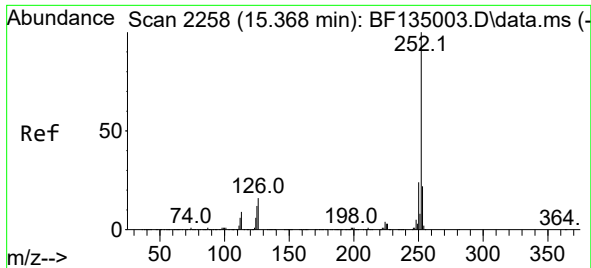
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#89
Benzo(k)fluoranthene
Concen: 48.411 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

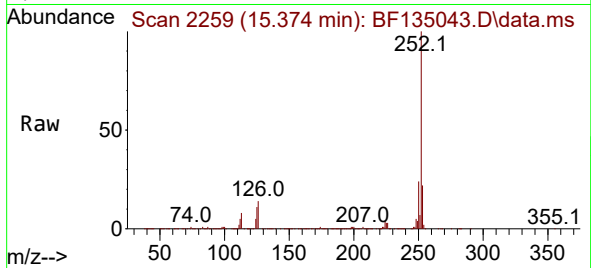
Tgt Ion:252 Resp: 738704
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 9.1 8.5 12.7





#90
Benzo(a)pyrene
Concen: 46.339 ng
RT: 15.374 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

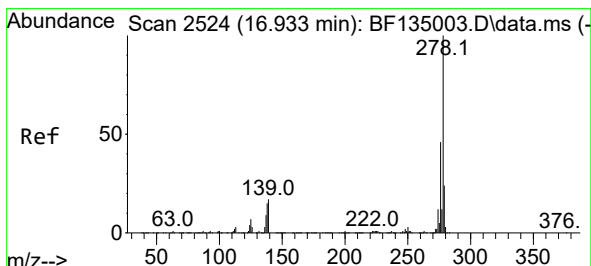
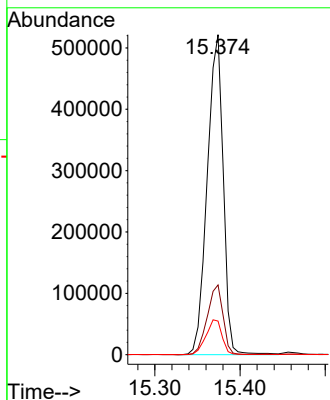
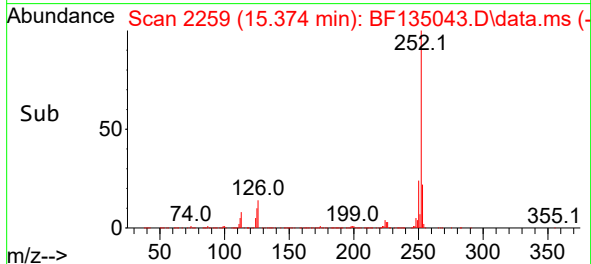
Instrument :
BNA_F
ClientSampleId :
PB155174BS



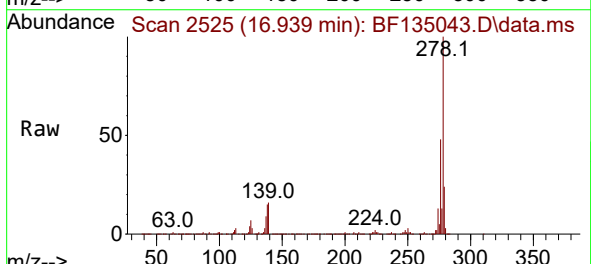
Tgt Ion:252 Resp: 67992
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.5 9.5 14.3

Manual Integrations
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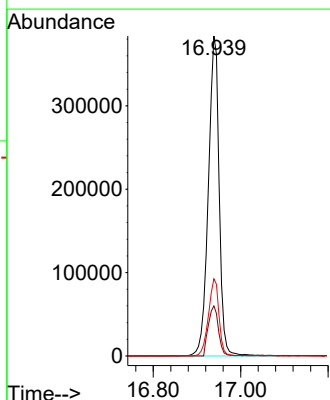
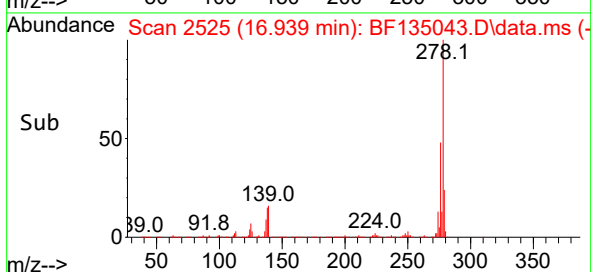
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

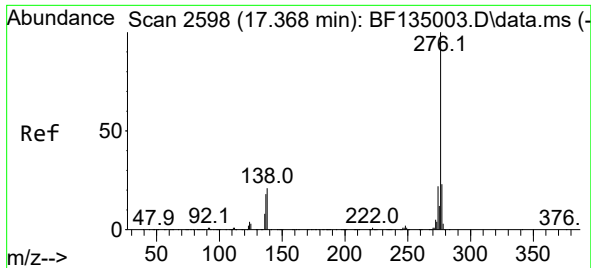


#91
Dibenzo(a,h)anthracene
Concen: 47.854 ng
RT: 16.939 min Scan# 2525
Delta R.T. 0.006 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57



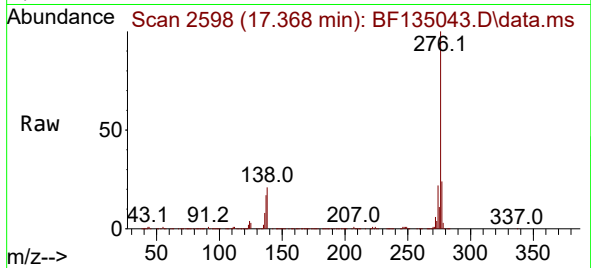
Tgt Ion:278 Resp: 662686
Ion Ratio Lower Upper
278 100
139 15.6 13.4 20.2
279 24.1 19.5 29.3





#92
Benzo(g,h,i)perylene
Concen: 46.898 ng
RT: 17.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135043.D
Acq: 31 Aug 2023 15:57

Instrument :
BNA_F
ClientSampleId :
PB155174BS



Tgt Ion:276 Resp: 67546
Ion Ratio Lower Upper
276 100
277 23.5 18.5 27.7
138 21.0 17.1 25.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

