

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135040.D
 Acq On : 31 Aug 2023 14:20
 Operator : CG\JU
 Sample : PB155118BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155118BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 31 16:10:53 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	125004	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	516498	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	264366	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	503662	20.000	ng	0.00
76) Chrysene-d12	13.969	240	301594	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	242140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1011121	124.940	ng	0.02
7) Phenol-d6	6.422	99	1242834	123.208	ng	0.00
23) Nitrobenzene-d5	7.340	82	797918	86.791	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	356043	126.960	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1397482	86.064	ng	0.00
79) Terphenyl-d14	12.910	244	1564390	84.648	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	123472	36.018	ng	97
3) Pyridine	3.334	79	324127	35.072	ng	99
4) n-Nitrosodimethylamine	3.293	42	210333	46.538	ng	95
6) Aniline	6.440	93	479393	38.336	ng	# 86
8) 2-Chlorophenol	6.563	128	404341	49.179	ng	98
9) Benzaldehyde	6.328	77	245258	47.717	ng	99
10) Phenol	6.434	94	479857	45.313	ng	90
11) bis(2-Chloroethyl)ether	6.516	93	380028	47.656	ng	100
12) 1,3-Dichlorobenzene	6.716	146	407108	48.061	ng	99
13) 1,4-Dichlorobenzene	6.793	146	411948	48.590	ng	99
14) 1,2-Dichlorobenzene	6.940	146	391537	49.490	ng	98
15) Benzyl Alcohol	6.922	79	342157	49.509	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.052	45	621343	46.528	ng	100
17) 2-Methylphenol	7.034	107	315721	44.068	ng	98
18) Hexachloroethane	7.281	117	153276	48.806	ng	96
19) n-Nitroso-di-n-propyla...	7.193	70	263263	43.937	ng	93
20) 3+4-Methylphenols	7.187	107	374647	44.325	ng	99
22) Acetophenone	7.187	105	520179	45.279	ng	# 98
24) Nitrobenzene	7.357	77	416747	44.191	ng	96
25) Isophorone	7.599	82	760823	43.648	ng	100
26) 2-Nitrophenol	7.675	139	217162	46.608	ng	99
27) 2,4-Dimethylphenol	7.716	122	347627	46.342	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	459383	43.689	ng	99
29) 2,4-Dichlorophenol	7.916	162	325549	45.663	ng	99
30) 1,2,4-Trichlorobenzene	7.999	180	355451	46.136	ng	98
31) Naphthalene	8.075	128	1129482	44.766	ng	99
32) Benzoic acid	7.852	122	286437	47.734	ng	97
33) 4-Chloroaniline	8.128	127	388426	35.197	ng	97
34) Hexachlorobutadiene	8.193	225	202322	46.273	ng	99
35) Caprolactam	8.504	113	113350m	48.557	ng	
36) 4-Chloro-3-methylphenol	8.616	107	359077	46.371	ng	94
37) 2-Methylnaphthalene	8.769	142	730976	43.421	ng	99
38) 1-Methylnaphthalene	8.869	142	688554	43.713	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	333119	45.012	ng	99
41) Hexachlorocyclopentadiene	8.922	237	345092	109.558	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	232186	46.716	ng	99

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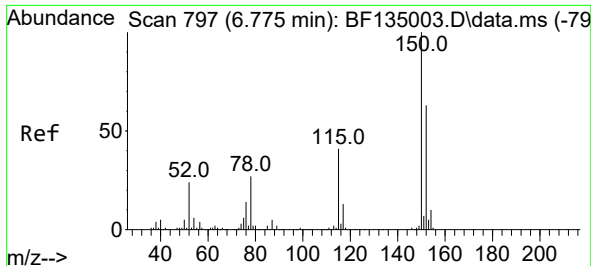
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.093	196	249405	43.344	ng	95
46) 1,1'-Biphenyl	9.234	154	907488	44.929	ng	99
47) 2-Chloronaphthalene	9.263	162	697287	45.908	ng	99
48) 2-Nitroaniline	9.363	65	240742	46.301	ng	96
49) Acenaphthylene	9.675	152	1042246	45.393	ng	99
50) Dimethylphthalate	9.546	163	826339	44.640	ng	100
51) 2,6-Dinitrotoluene	9.610	165	189742	46.714	ng	85
52) Acenaphthene	9.851	154	662374	45.269	ng	99
53) 3-Nitroaniline	9.775	138	187686	39.667	ng	98
54) 2,4-Dinitrophenol	9.893	184	223924	115.349	ng	# 85
55) Dibenzofuran	10.022	168	933120	44.209	ng	99
56) 4-Nitrophenol	9.951	139	331070	99.541	ng	94
57) 2,4-Dinitrotoluene	10.016	165	237116	46.843	ng	96
58) Fluorene	10.369	166	723216	44.944	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.146	232	212047	47.857	ng	97
60) Diethylphthalate	10.246	149	784666	45.030	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	349868	43.956	ng	92
62) 4-Nitroaniline	10.398	138	211419	45.666	ng	98
63) Azobenzene	10.522	77	776945	44.281	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	150734	49.449	ng	89
66) n-Nitrosodiphenylamine	10.487	169	674521	43.071	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	227212	42.532	ng	98
68) Hexachlorobenzene	10.916	284	253892	45.963	ng	99
70) Pentachlorophenol	11.116	266	274578	82.163	ng	99
71) Phenanthrene	11.334	178	1160584	44.665	ng	99
72) Anthracene	11.387	178	1176479	44.315	ng	99
73) Carbazole	11.545	167	1042606	45.532	ng	100
74) Di-n-butylphthalate	11.881	149	1197680	43.390	ng	100
75) Fluoranthene	12.528	202	1190359	45.310	ng	100
77) Benzidine	12.657	184	620162	114.070	ng	98
78) Pyrene	12.757	202	1209930	42.253	ng	100
80) Butylbenzylphthalate	13.386	149	483364	46.726	ng	99
81) Benzo(a)anthracene	13.957	228	892388	43.377	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	304734	49.088	ng	99
83) Chrysene	13.992	228	885545	43.799	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	540720	50.508	ng	98
85) Di-n-octyl phthalate	14.569	149	852282	52.157	ng	99
87) Indeno(1,2,3-cd)pyrene	16.922	276	733936	44.999	ng	99
88) Benzo(b)fluoranthene	15.004	252	759782	50.429	ng	100
89) Benzo(k)fluoranthene	15.039	252	683642	46.968	ng	98
90) Benzo(a)pyrene	15.375	252	614971	43.939	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	602131	45.583	ng	99
92) Benzo(g,h,i)perylene	17.374	276	618482	45.017	ng	99

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



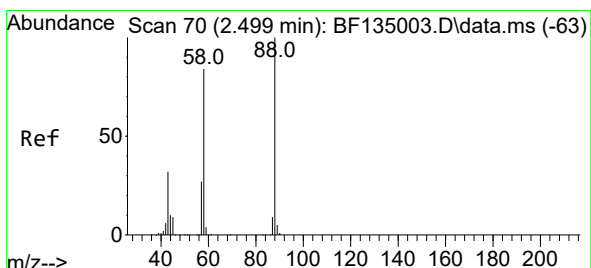
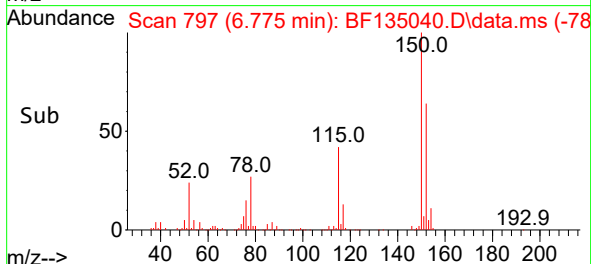
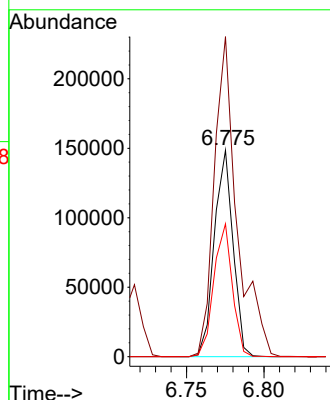
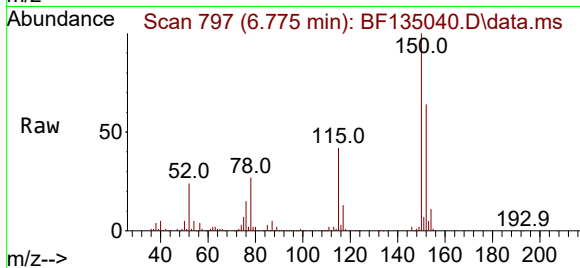
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135040.D
 Acq: 31 Aug 2023 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB155118BS

Tgt Ion:152 Resp: 125004
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.2 189.4
 115 64.4 51.2 76.8

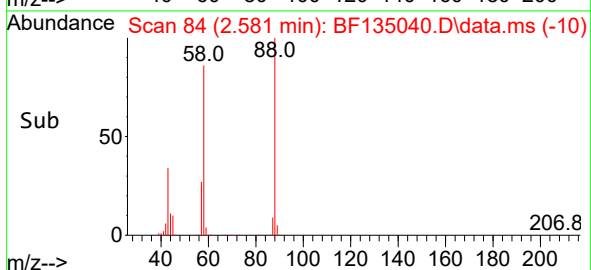
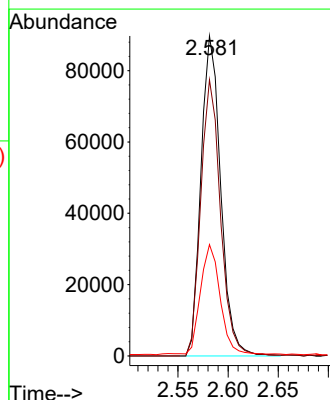
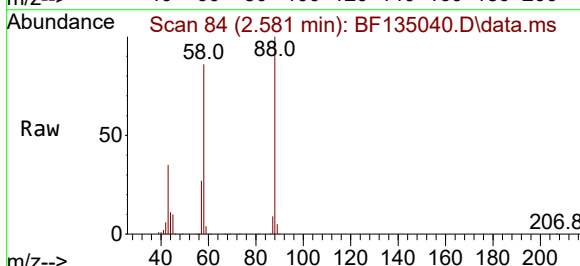
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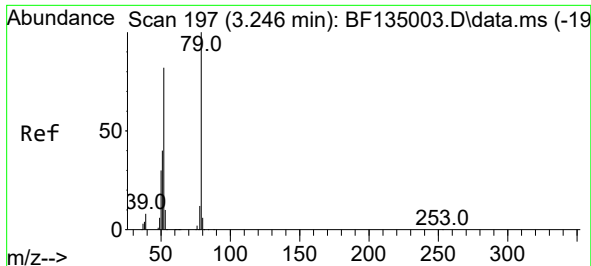
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023



#2
 1,4-Dioxane
 Concen: 36.018 ng
 RT: 2.581 min Scan# 84
 Delta R.T. 0.083 min
 Lab File: BF135040.D
 Acq: 31 Aug 2023 14:20

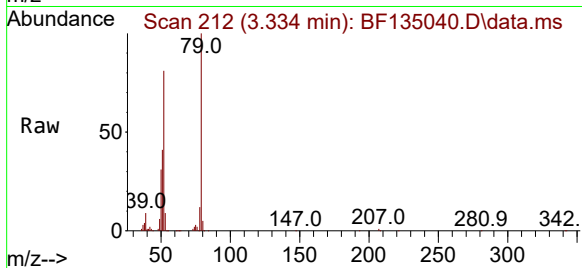
Tgt Ion: 88 Resp: 123472
 Ion Ratio Lower Upper
 88 100
 58 86.2 67.1 100.7
 43 34.6 25.9 38.9





#3
 Pyridine
 Concen: 35.072 ng
 RT: 3.334 min Scan# 212
 Delta R.T. 0.089 min
 Lab File: BF135040.D
 Acq: 31 Aug 2023 14:20

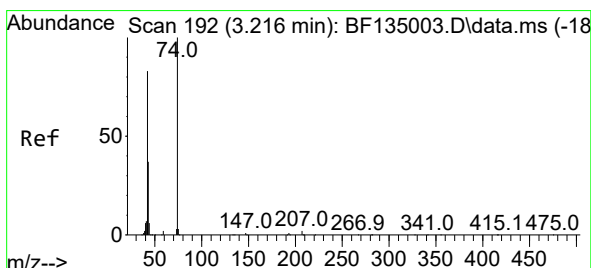
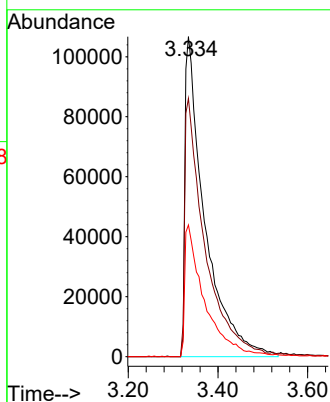
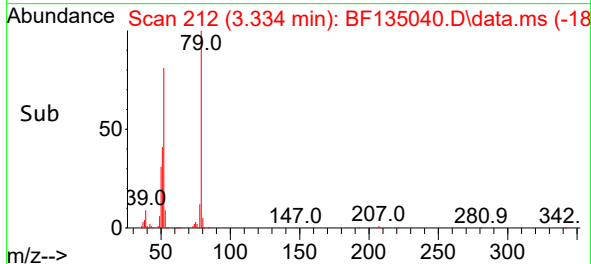
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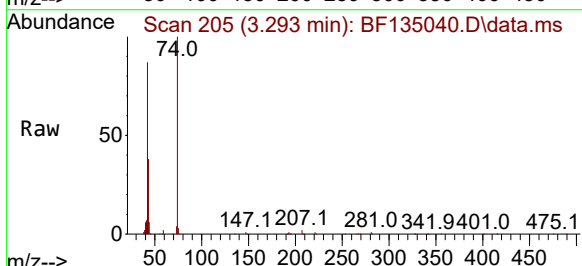
Tgt Ion: 79 Resp: 32412
 Ion Ratio Lower Upper
 79 100
 52 80.7 65.4 98.2
 51 41.1 32.6 49.0

Manual Integrations
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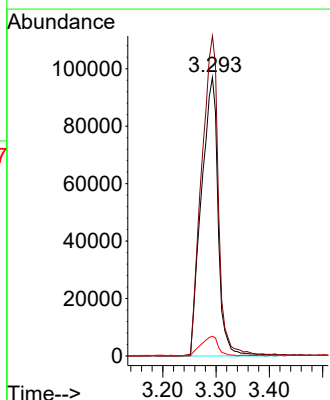
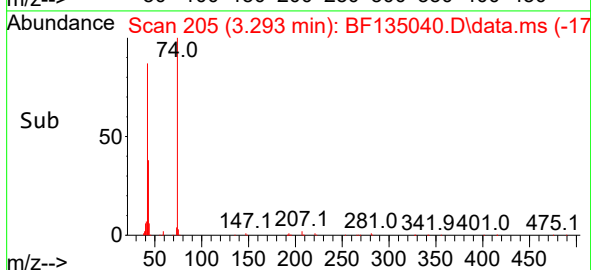
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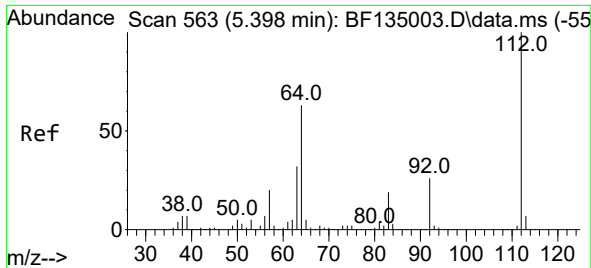


#4
 n-Nitrosodimethylamine
 Concen: 46.538 ng
 RT: 3.293 min Scan# 205
 Delta R.T. 0.077 min
 Lab File: BF135040.D
 Acq: 31 Aug 2023 14:20



Tgt Ion: 42 Resp: 210333
 Ion Ratio Lower Upper
 42 100
 74 114.8 96.2 144.2
 44 7.1 5.8 8.6





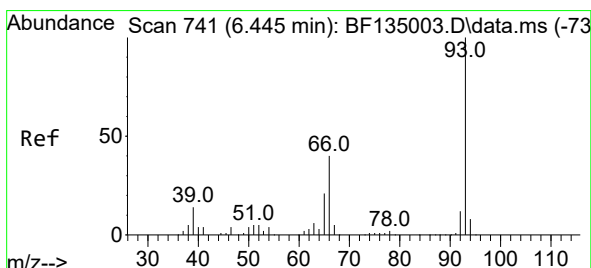
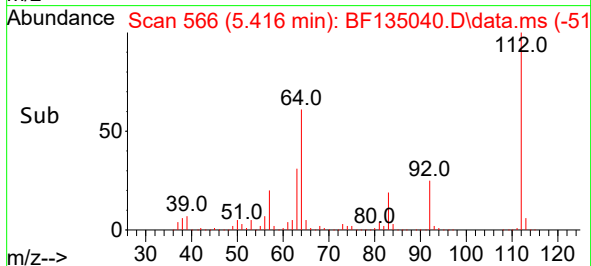
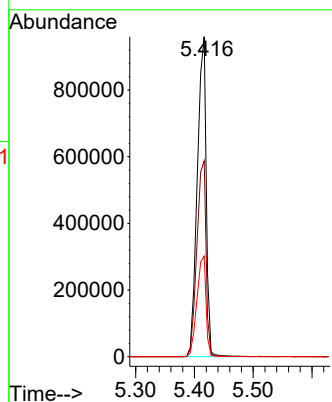
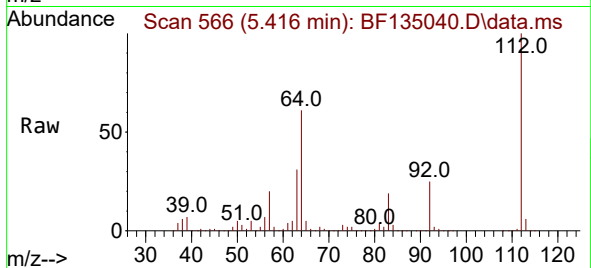
#5
2-Fluorophenol
Concen: 124.940 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :
BNA_F
ClientSampleId :
PB155118BS

Tgt Ion:112 Resp: 101112
Ion Ratio Lower Upper
112 100
64 61.2 50.5 75.7
63 31.4 25.9 38.9

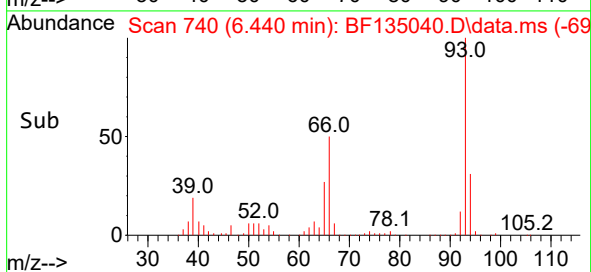
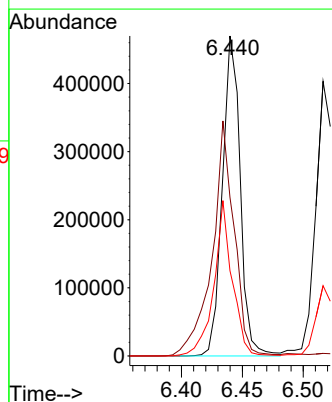
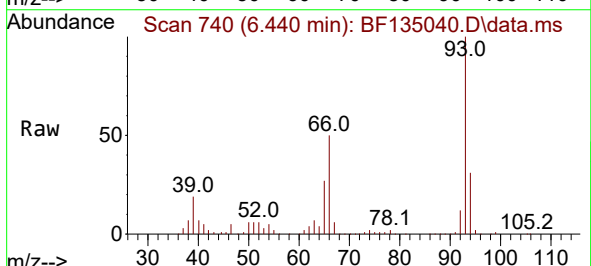
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#6
Aniline
Concen: 38.336 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

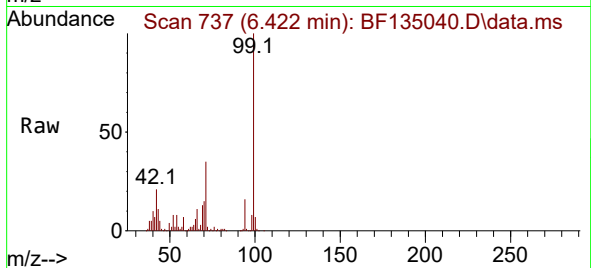
Tgt Ion: 93 Resp: 479393
Ion Ratio Lower Upper
93 100
66 49.6 32.4 48.6#
65 26.6 16.6 24.8#





#7
Phenol-d6
Concen: 123.208 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

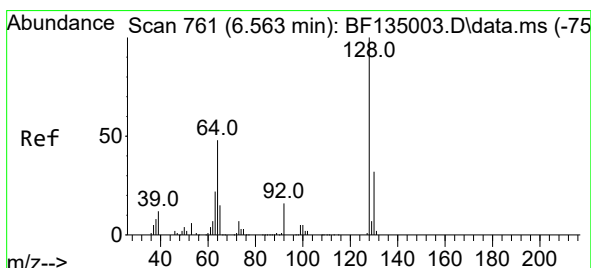
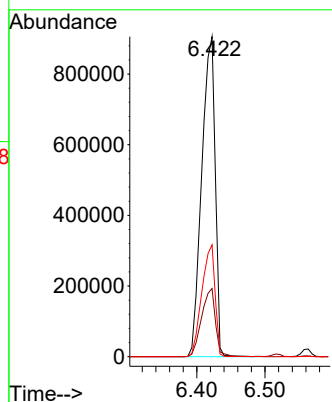
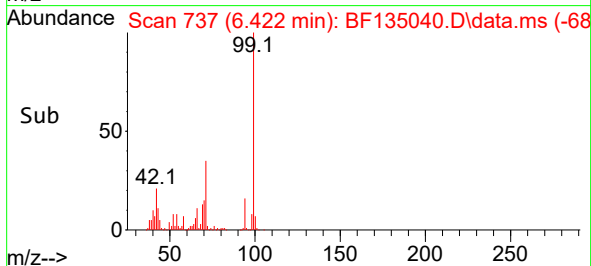
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 1242834
Ion Ratio Lower Upper
99 100
42 21.3 16.6 25.0
71 34.9 27.0 40.6

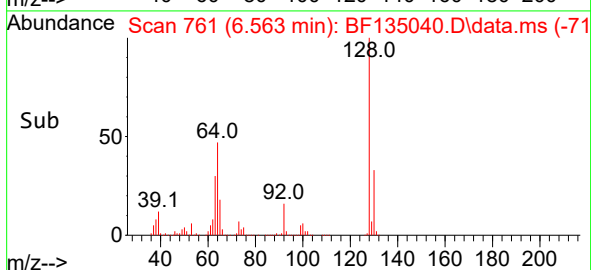
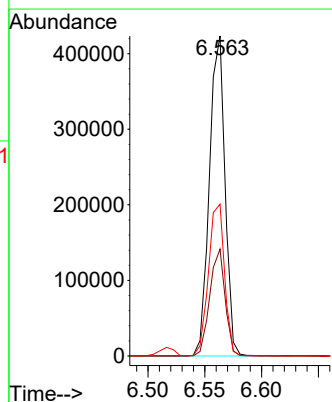
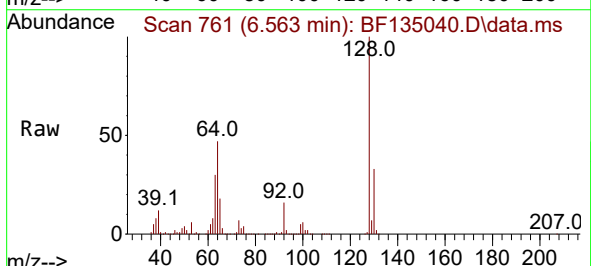
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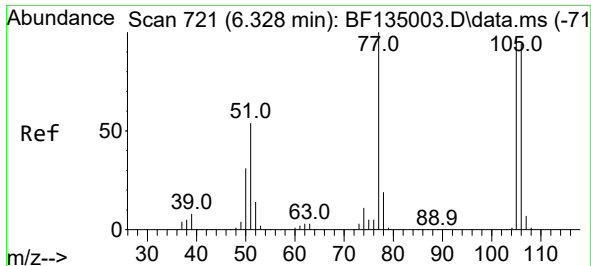
Reviewed By :Yogesh Patel 09/01/2023
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#8
2-Chlorophenol
Concen: 49.179 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

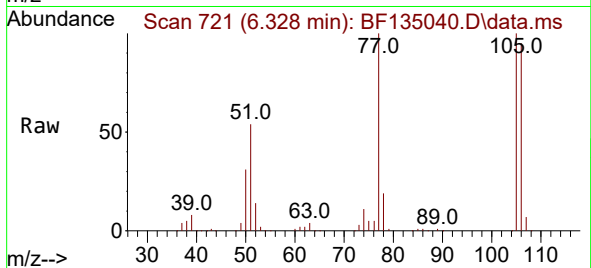
Tgt Ion:128 Resp: 404341
Ion Ratio Lower Upper
128 100
130 33.4 12.2 52.2
64 47.4 29.0 69.0





#9
Benzaldehyde
Concen: 47.717 ng
RT: 6.328 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

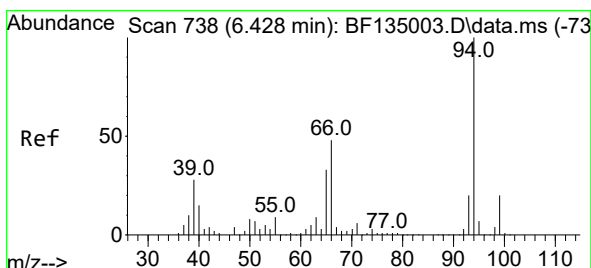
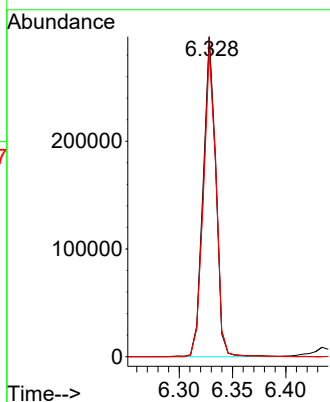
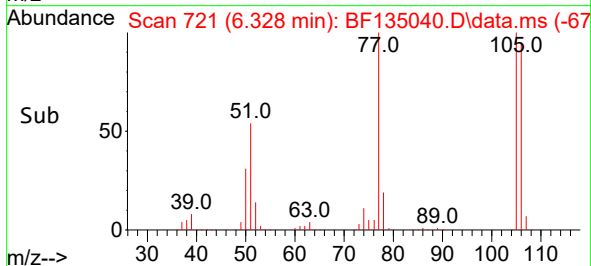
Instrument :
BNA_F
ClientSampleId :
PB155118BS



Tgt Ion: 77 Resp: 245258
Ion Ratio Lower Upper
77 100
105 99.9 78.4 118.4
106 95.0 74.3 114.3

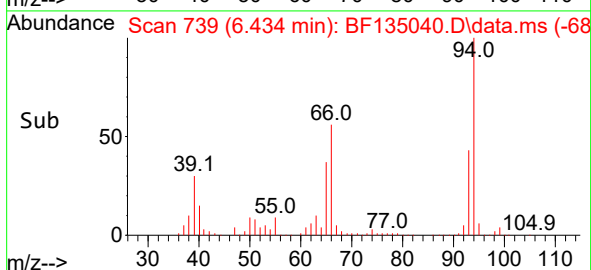
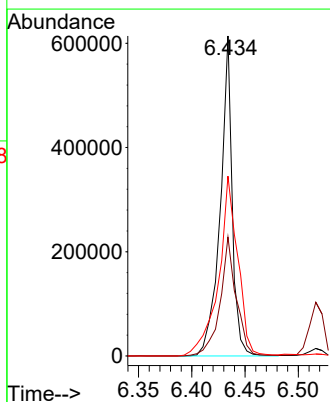
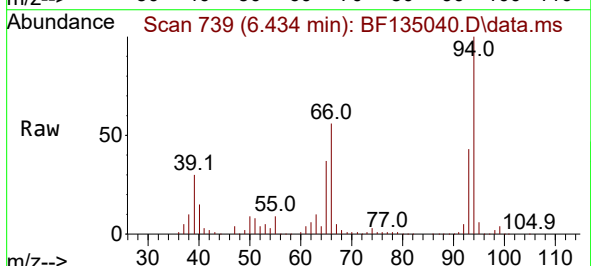
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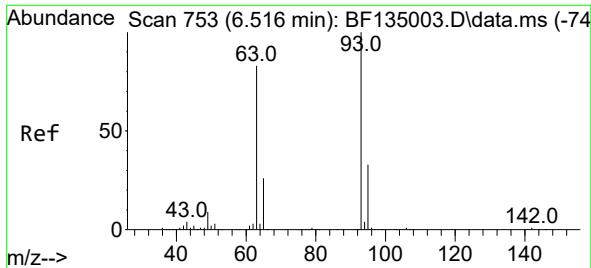
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#10
Phenol
Concen: 45.313 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Tgt Ion: 94 Resp: 479857
Ion Ratio Lower Upper
94 100
65 37.2 13.2 53.2
66 56.2 27.5 67.5





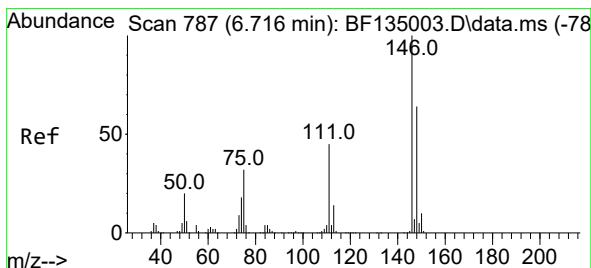
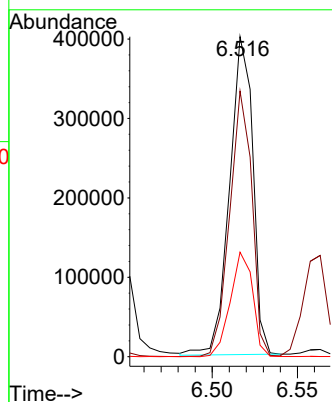
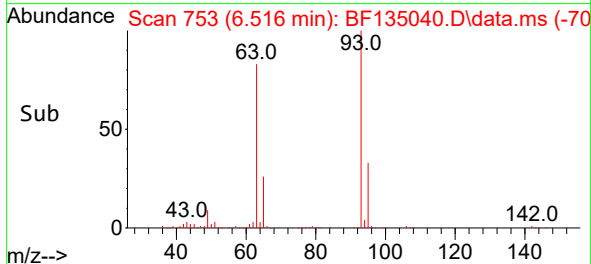
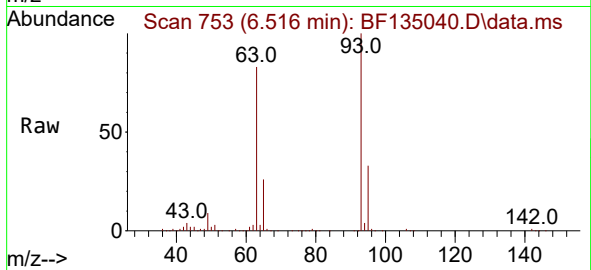
#11
bis(2-Chloroethyl)ether
Concen: 47.656 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :
BNA_F
ClientSampleId :
PB155118BS

Tgt Ion: 93 Resp: 380028
Ion Ratio Lower Upper
93 100
63 83.0 62.8 102.8
95 32.7 12.7 52.7

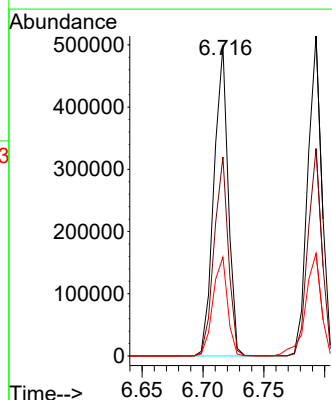
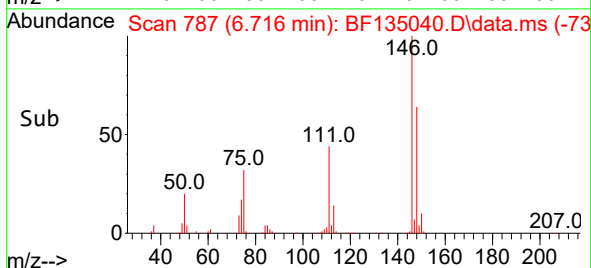
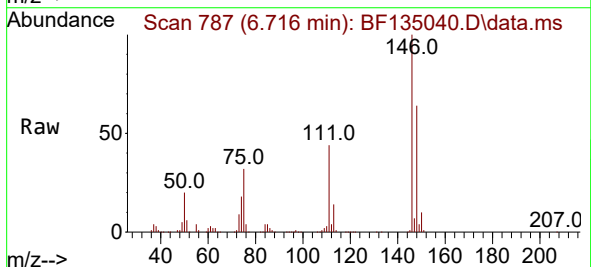
Manual Integrations
APPROVED

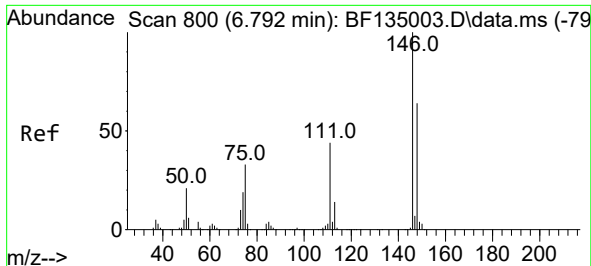
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#12
1,3-Dichlorobenzene
Concen: 48.061 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Tgt Ion:146 Resp: 407108
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
75 31.9 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 48.590 ng

RT: 6.793 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS

Tgt Ion:146 Resp: 41194

Ion Ratio Lower Upper

146 100

148 64.8 51.5 77.3

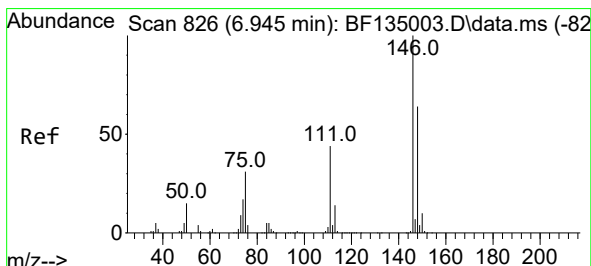
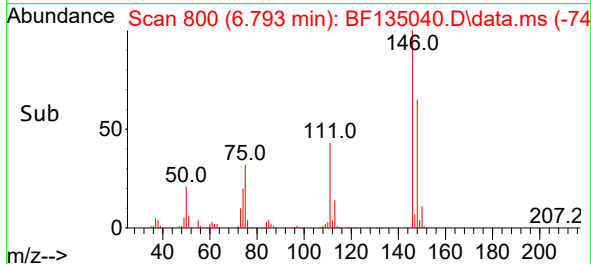
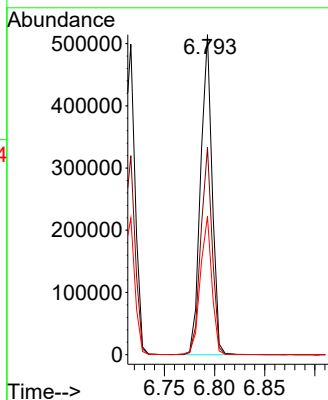
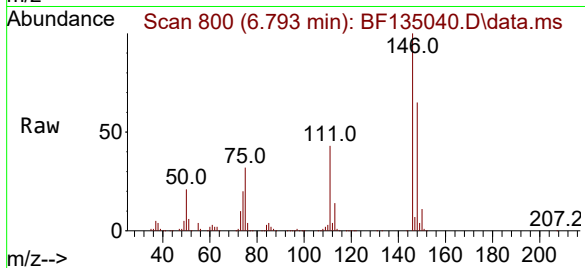
111 43.2 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#14

1,2-Dichlorobenzene

Concen: 49.490 ng

RT: 6.940 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

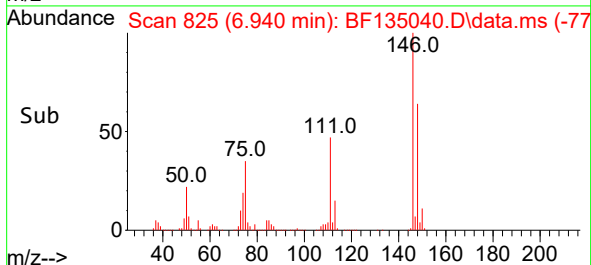
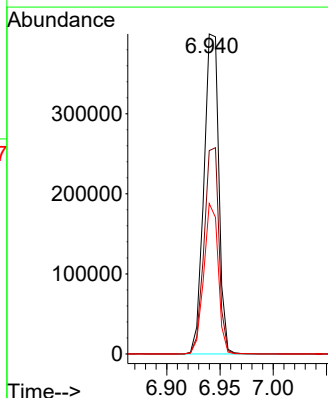
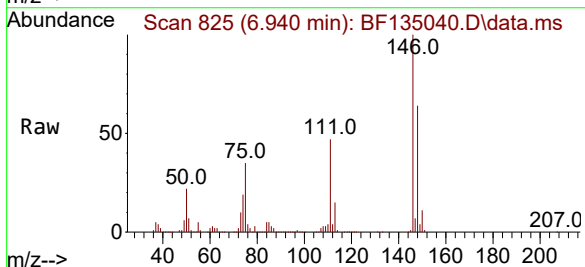
Tgt Ion:146 Resp: 391537

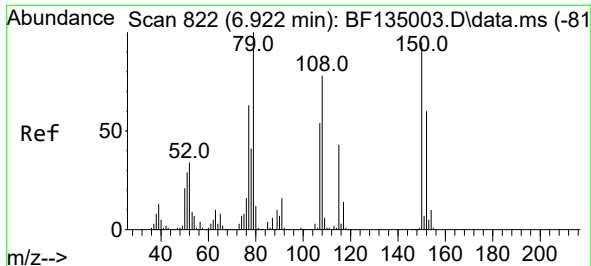
Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

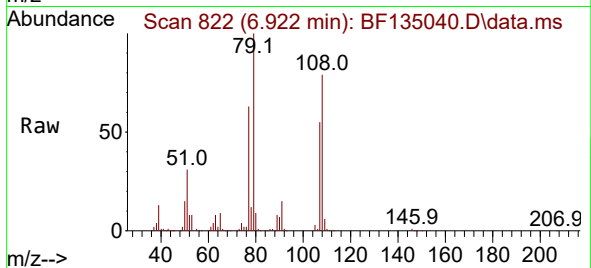
111 47.0 35.3 52.9





#15
Benzyl Alcohol
Concen: 49.509 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

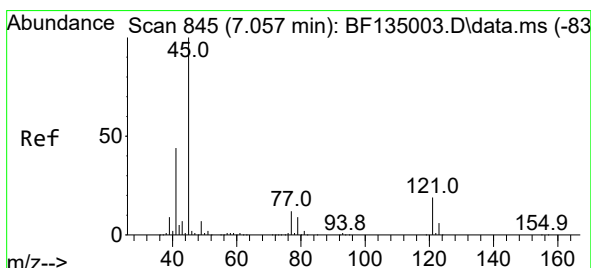
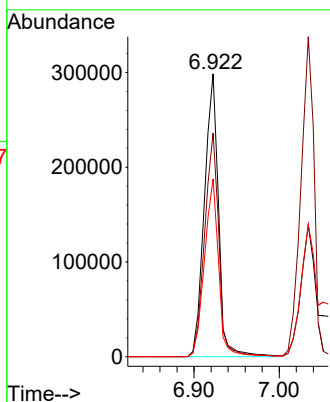
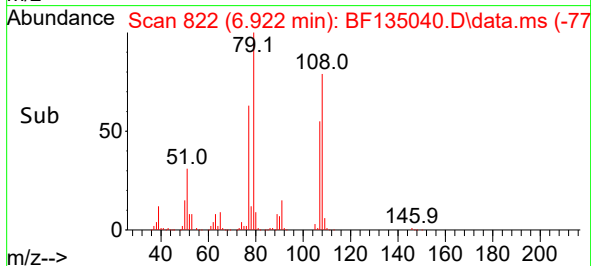
Instrument :
BNA_F
ClientSampleId :
PB155118BS



Tgt Ion: 79 Resp: 34215
Ion Ratio Lower Upper
79 100
108 79.0 62.5 93.7
77 62.8 50.4 75.6

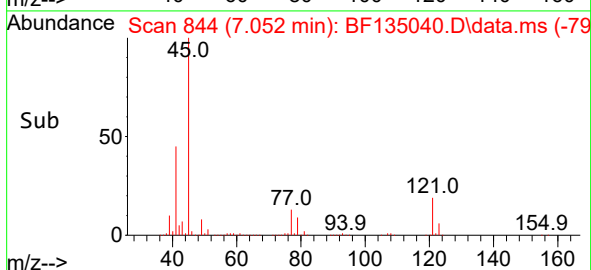
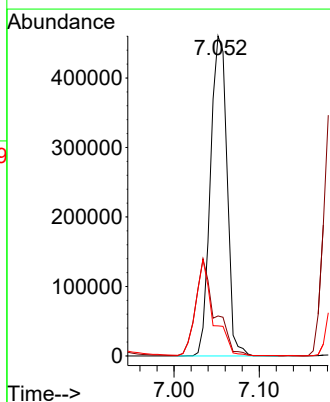
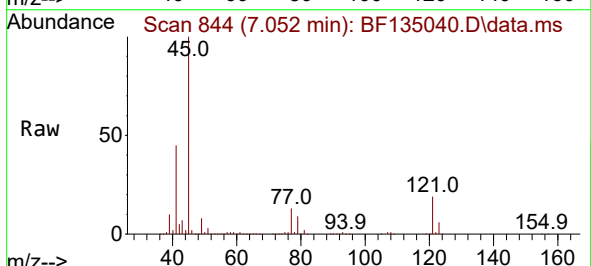
Manual Integrations
APPROVED

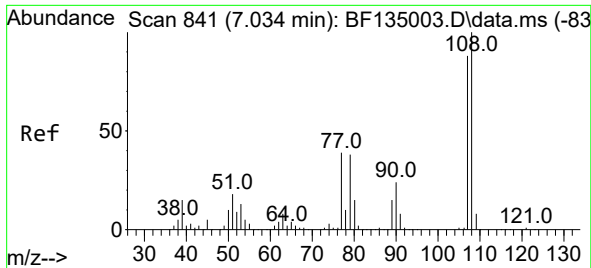
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.528 ng
RT: 7.052 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Tgt Ion: 45 Resp: 621343
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.3
79 9.4 0.0 29.5





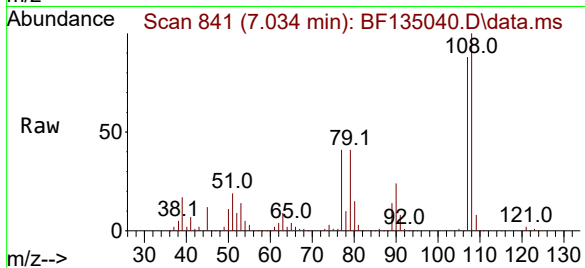
#17
2-Methylphenol
Concen: 44.068 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS

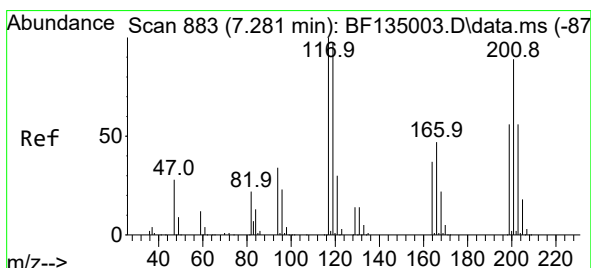
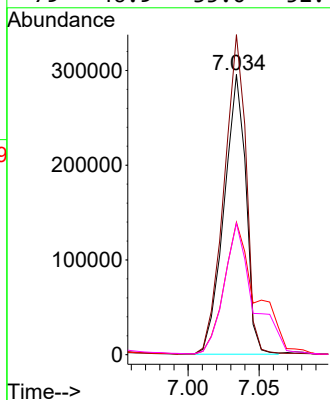
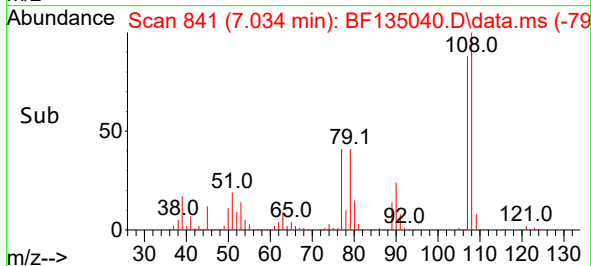


Tgt Ion:107 Resp: 31572
Ion Ratio Lower Upper
107 100
108 114.2 91.2 136.8
77 47.3 36.0 54.0
79 46.9 35.0 52.4

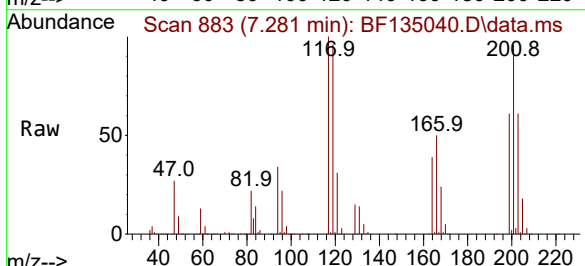
Manual Integrations

APPROVED

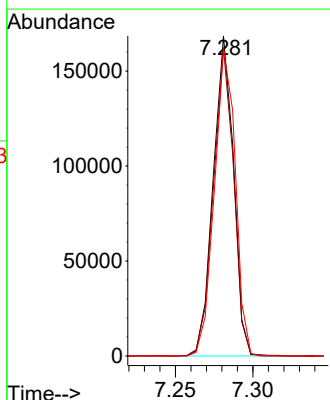
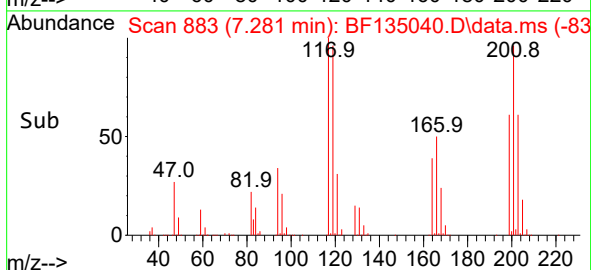
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

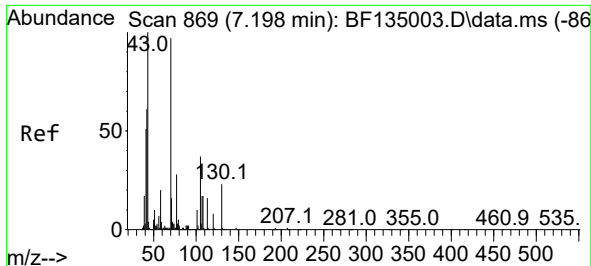


#18
Hexachloroethane
Concen: 48.806 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20



Tgt Ion:117 Resp: 153276
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
201 95.9 71.4 107.2





#19

n-Nitroso-di-n-propylamine

Concen: 43.937 ng

RT: 7.193 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS

Tgt Ion: 70 Resp: 26326

Ion Ratio Lower Upper

70 100

42 68.4 50.2 75.4

101 9.6 8.1 12.1

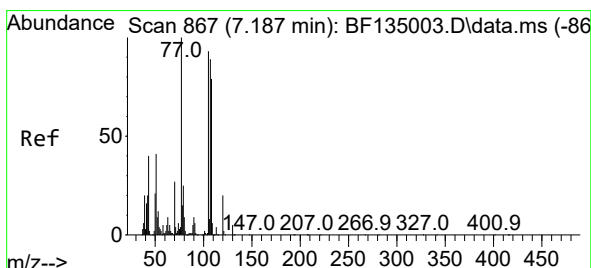
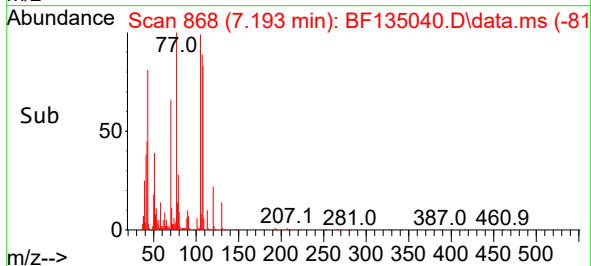
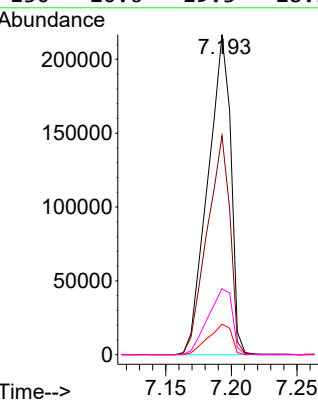
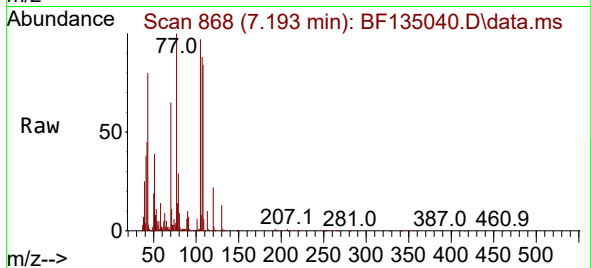
130 20.6 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#20

3+4-Methylphenols

Concen: 44.325 ng

RT: 7.187 min Scan# 867

Delta R.T. 0.000 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

Tgt Ion:107 Resp: 374647

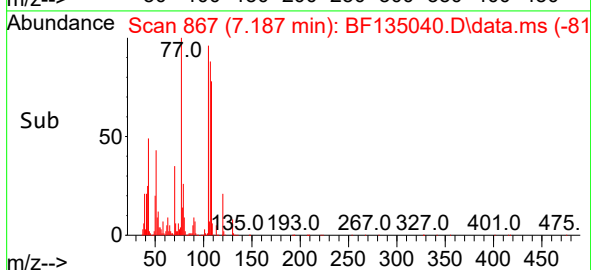
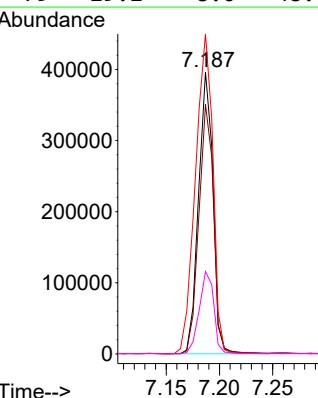
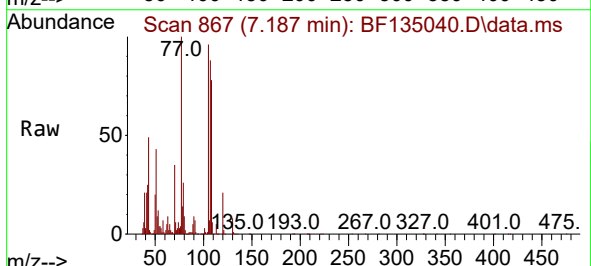
Ion Ratio Lower Upper

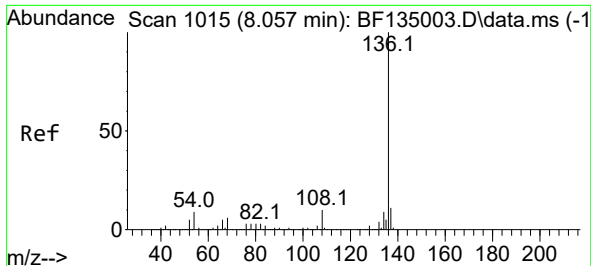
107 100

108 88.5 68.6 108.6

77 113.5 92.3 132.3

79 29.2 8.0 48.0





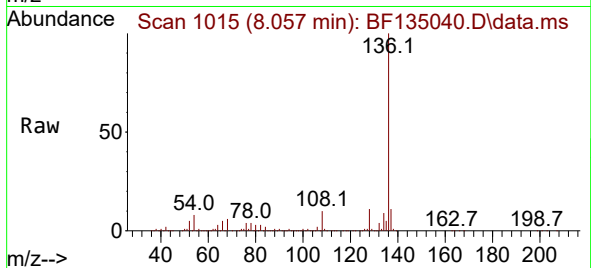
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS

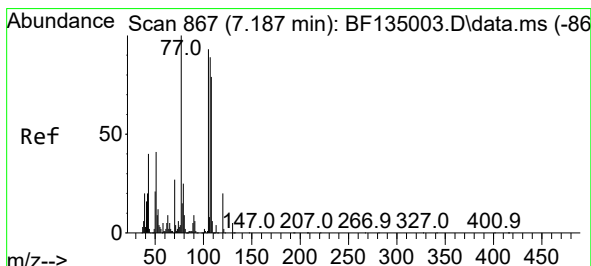
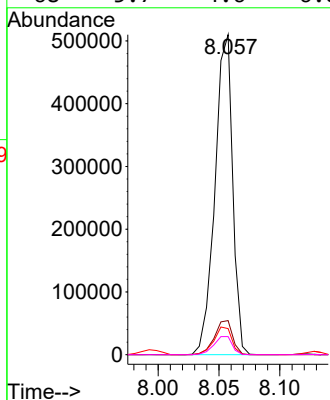
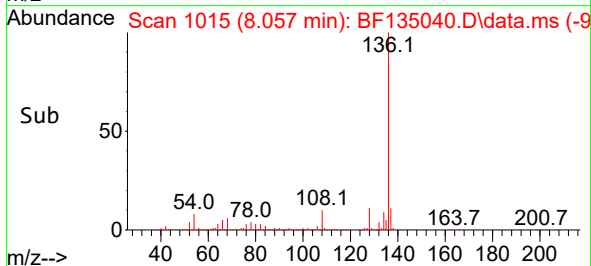


Tgt Ion:136 Resp: 516498
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.2 7.0 10.4
68 5.7 4.6 6.8

Manual Integrations

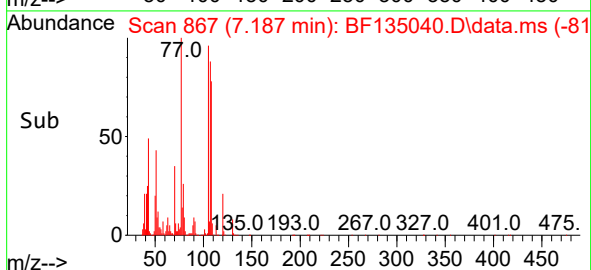
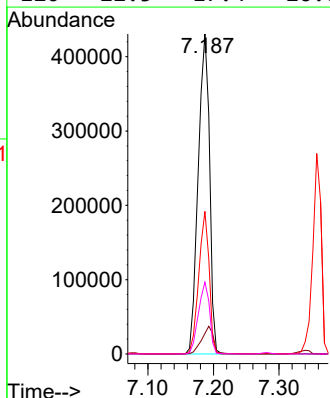
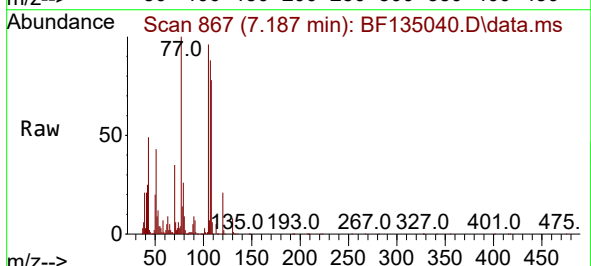
APPROVED

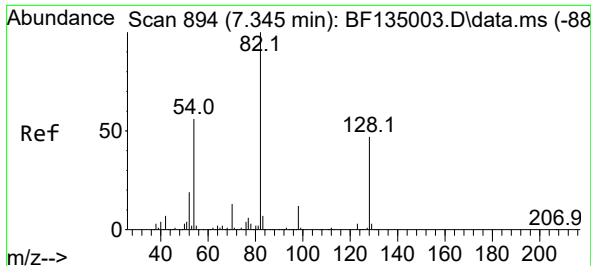
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#22
Acetophenone
Concen: 45.279 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Tgt Ion:105 Resp: 520179
Ion Ratio Lower Upper
105 100
71 6.4 3.8 5.6#
51 44.5 35.0 52.6
120 22.5 17.4 26.0





#23

Nitrobenzene-d5

Concen: 86.791 ng

RT: 7.340 min Scan# 894

Delta R.T. -0.005 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS

Tgt Ion: 82 Resp: 797918

Ion Ratio Lower Upper

82 100

128 43.6 37.8 56.8

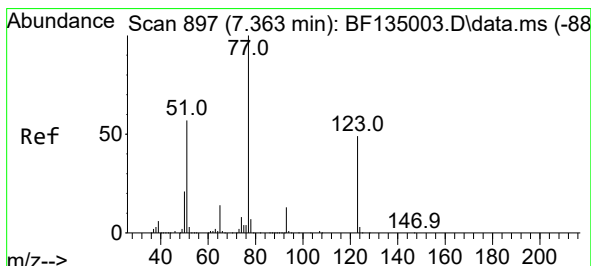
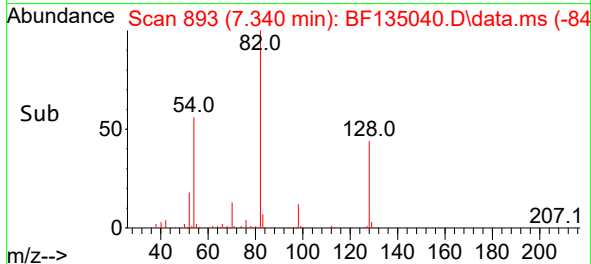
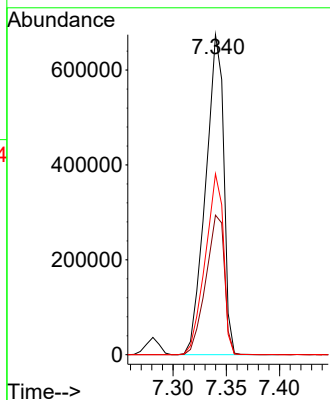
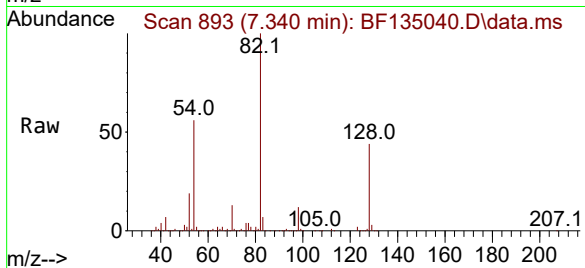
54 56.5 45.0 67.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#24

Nitrobenzene

Concen: 44.191 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

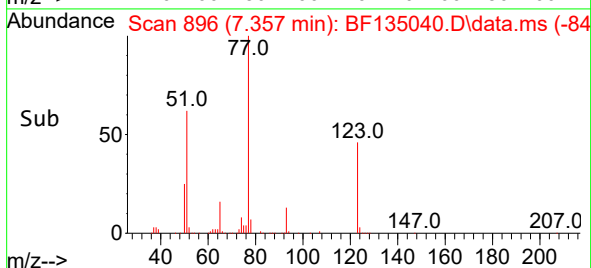
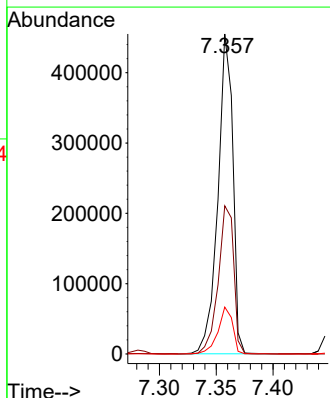
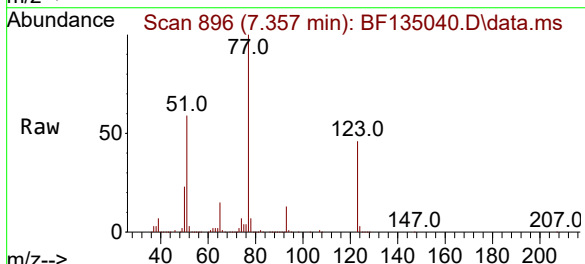
Tgt Ion: 77 Resp: 416747

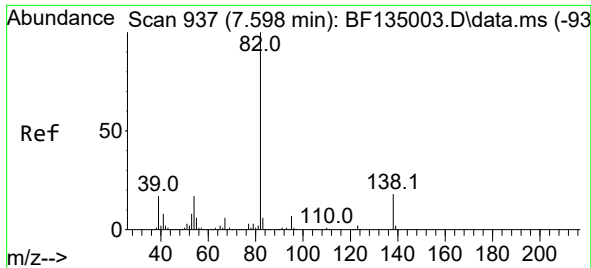
Ion Ratio Lower Upper

77 100

123 46.3 39.4 59.2

65 14.7 11.4 17.2





#25
Isophorone
Concen: 43.648 ng
RT: 7.599 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

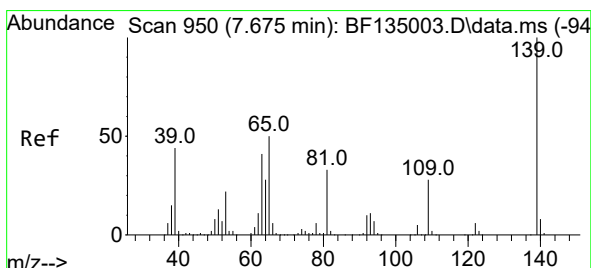
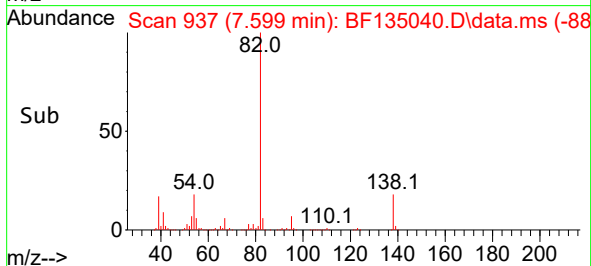
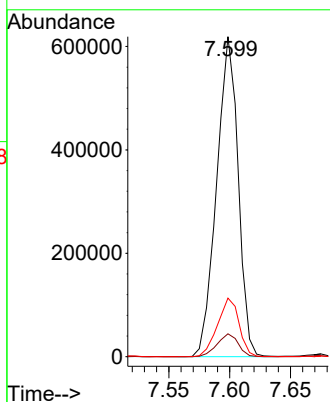
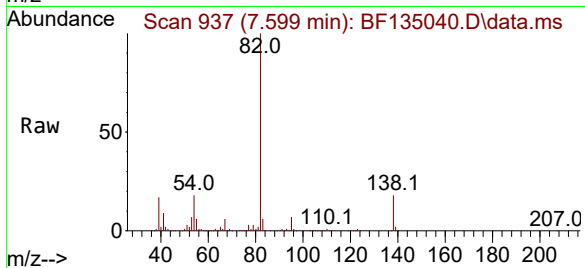
PB155118BS

Tgt Ion: 82 Resp: 76082
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.3 14.7 22.1

Manual Integrations

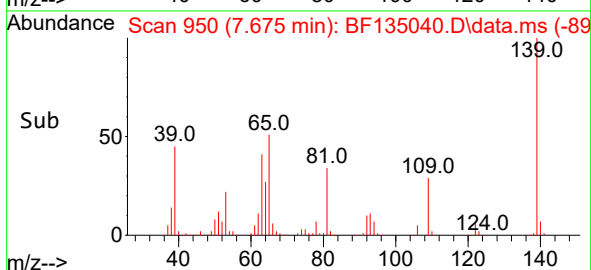
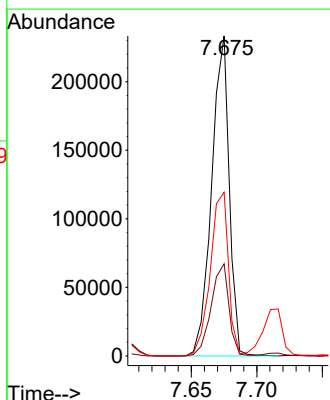
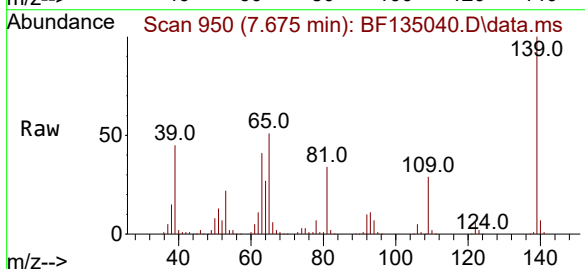
APPROVED

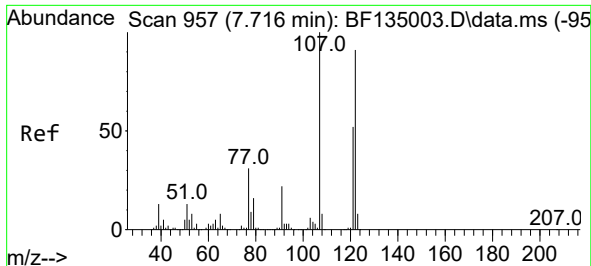
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#26
2-Nitrophenol
Concen: 46.608 ng
RT: 7.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Tgt Ion:139 Resp: 217162
Ion Ratio Lower Upper
139 100
109 28.8 22.6 34.0
65 51.2 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 46.342 ng

RT: 7.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135040.D

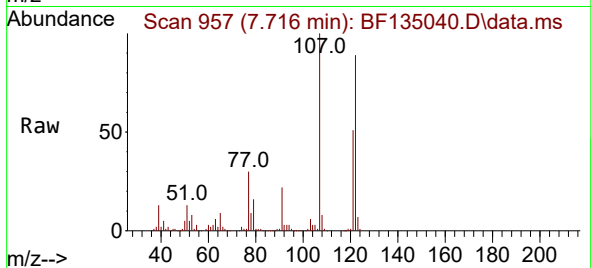
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS



Tgt Ion:122 Resp: 34762

Ion Ratio Lower Upper

122 100

107 111.8 87.8 131.8

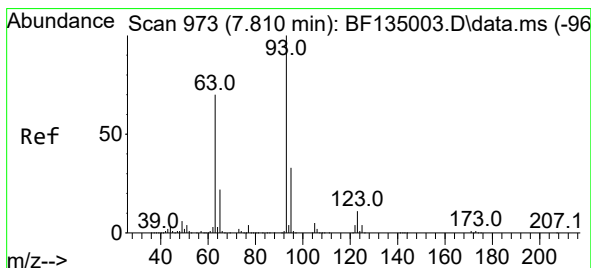
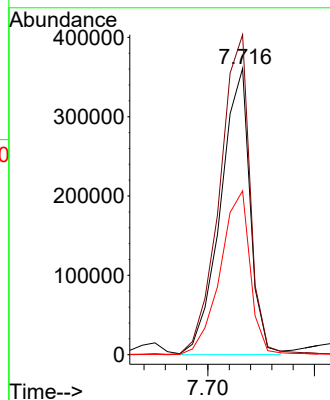
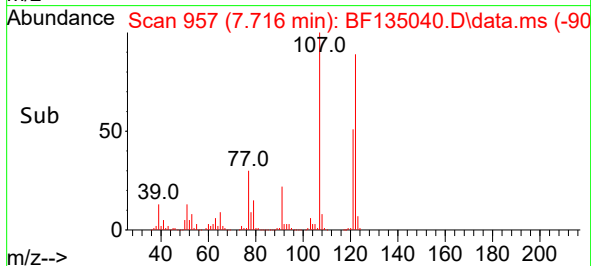
121 57.2 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.689 ng

RT: 7.810 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

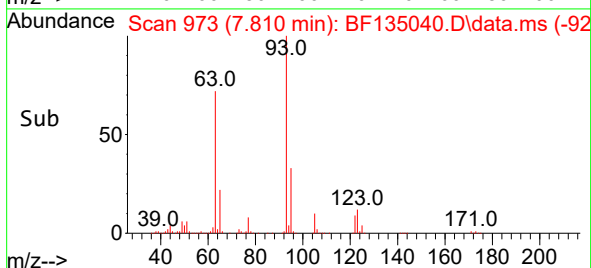
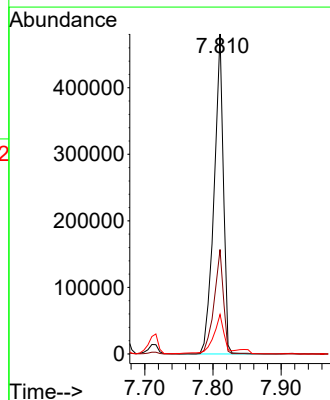
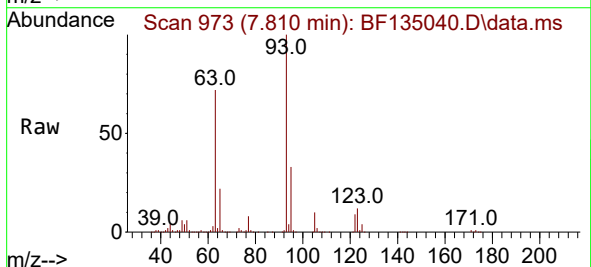
Tgt Ion: 93 Resp: 459383

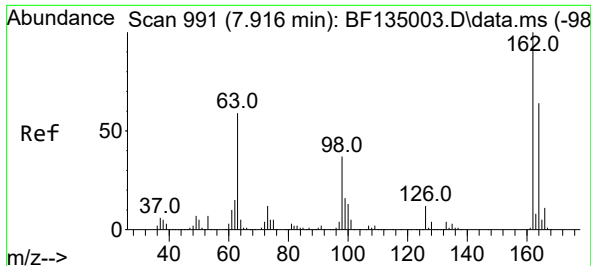
Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

123 12.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.663 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF135040.D

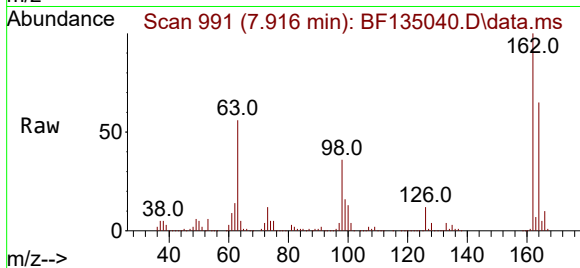
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS



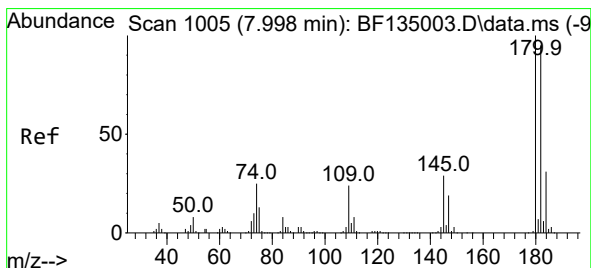
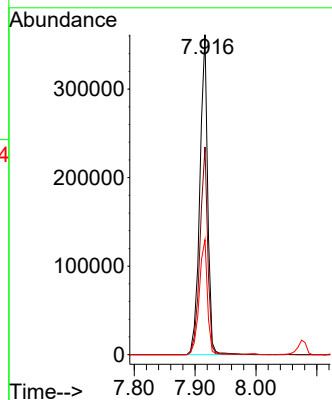
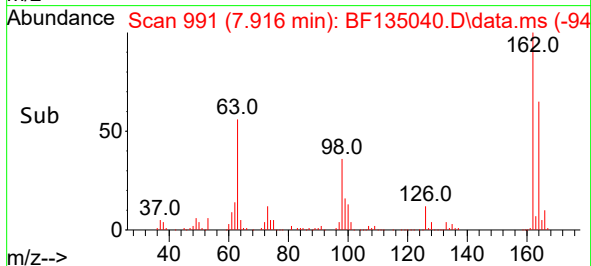
Tgt Ion:	162	Resp:	325549
Ion Ratio	Lower	Upper	
162	100		
164	64.9	44.2	84.2
98	36.0	17.3	57.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.136 ng

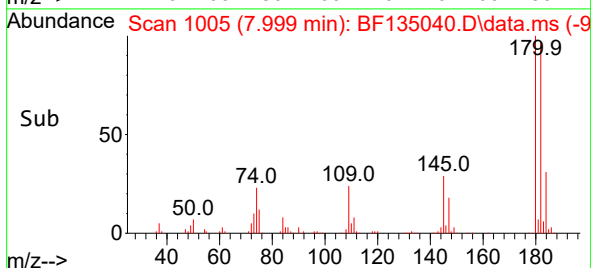
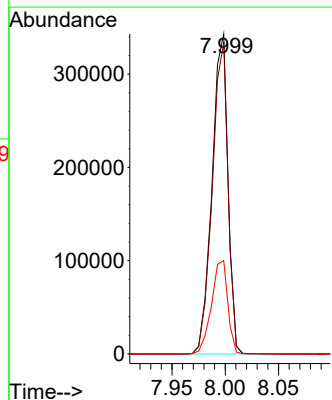
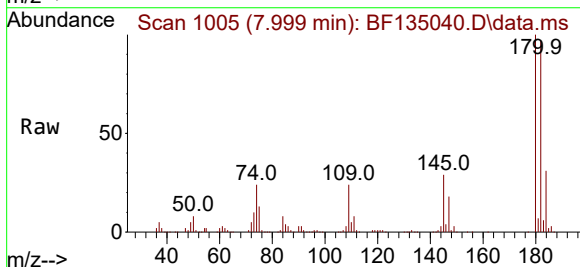
RT: 7.999 min Scan# 1005

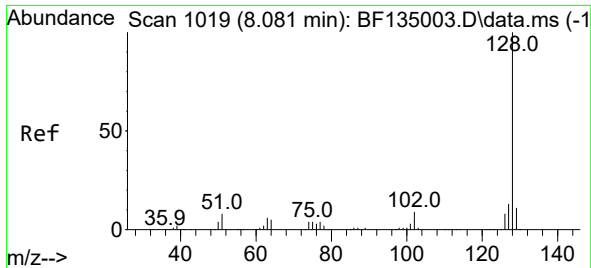
Delta R.T. 0.000 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

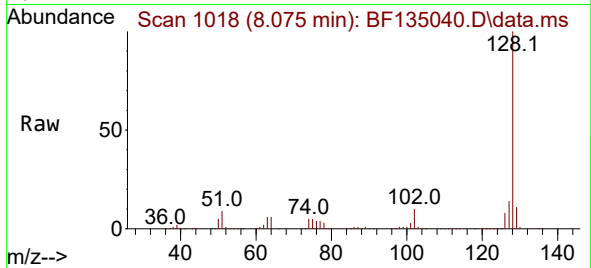
Tgt Ion:	180	Resp:	355451
Ion Ratio	Lower	Upper	
180	100		
182	97.3	76.3	114.5
145	29.2	23.5	35.3





#31
Naphthalene
Concen: 44.766 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.005 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

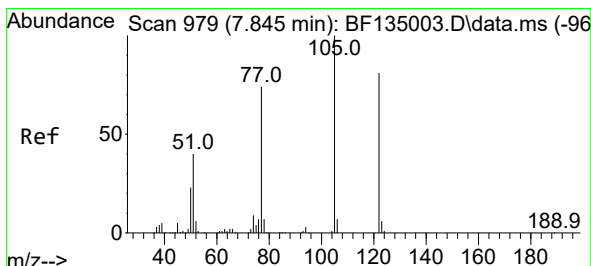
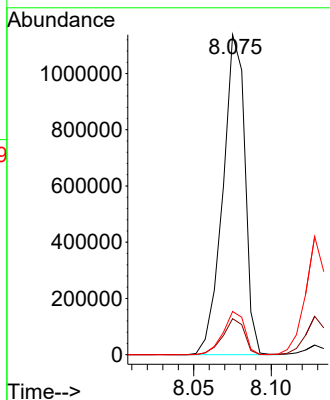
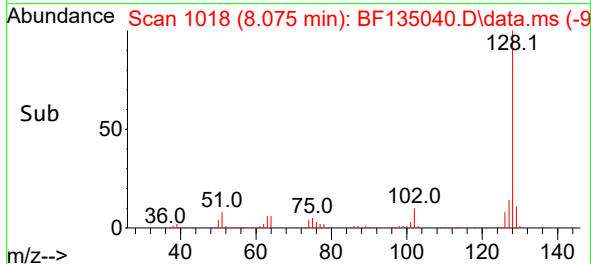
Instrument :
BNA_F
ClientSampleId :
PB155118BS



Tgt Ion:128 Resp: 112948
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.5 10.6 16.0

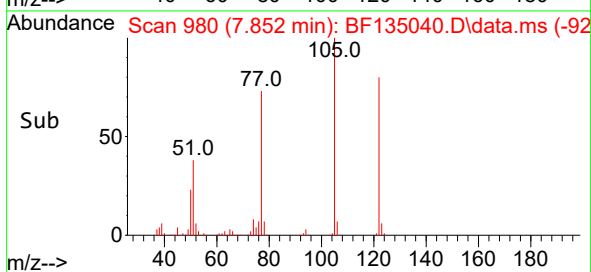
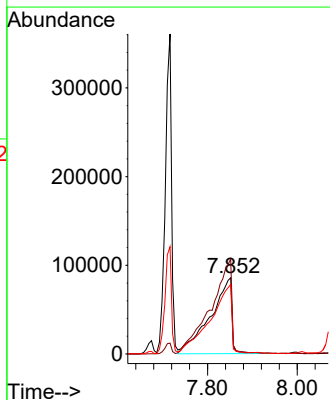
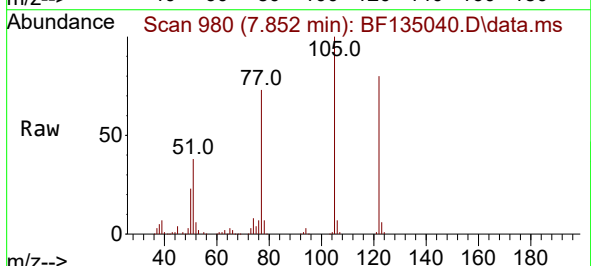
Manual Integrations
APPROVED

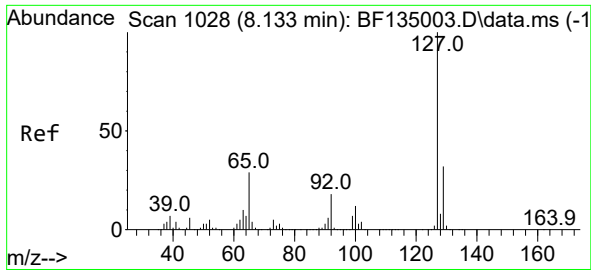
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#32
Benzoic acid
Concen: 47.734 ng
RT: 7.852 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Tgt Ion:122 Resp: 286437
Ion Ratio Lower Upper
122 100
105 124.8 99.8 139.8
77 91.2 69.5 109.5





#33
4-Chloroaniline
Concen: 35.197 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.005 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

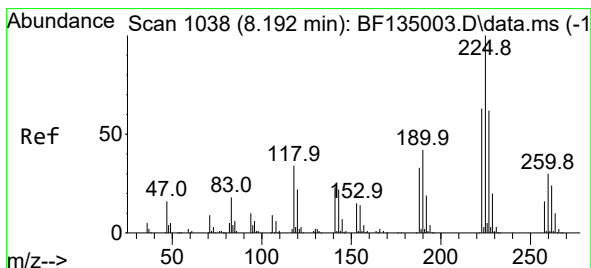
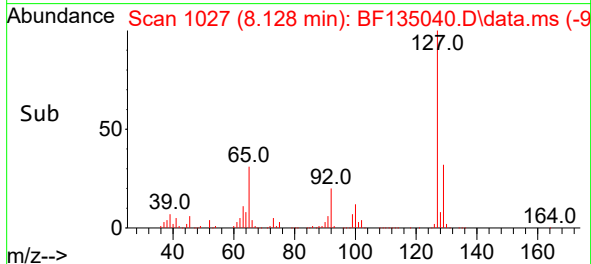
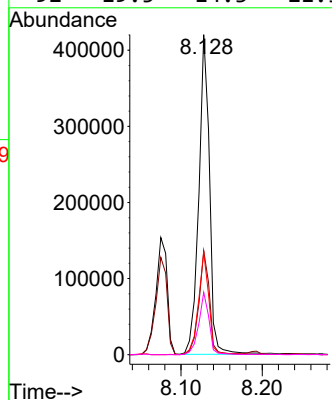
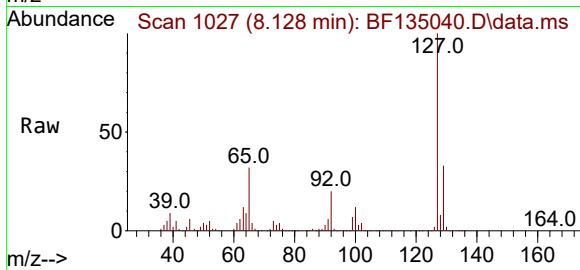
ClientSampleId :

PB155118BS

Tgt Ion:127 Resp: 388420
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4
65 32.1 23.1 34.7
92 19.5 14.3 21.5

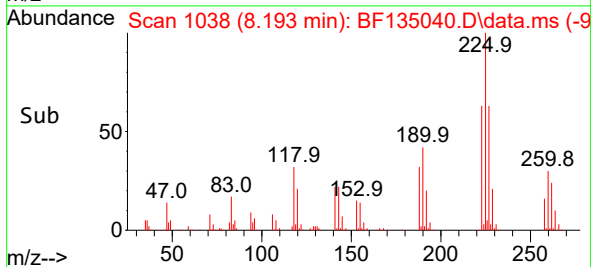
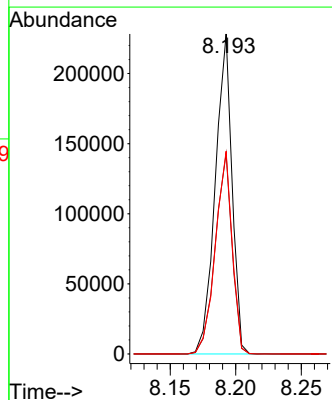
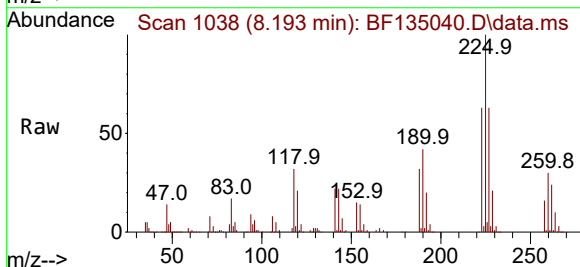
Manual Integrations
APPROVED

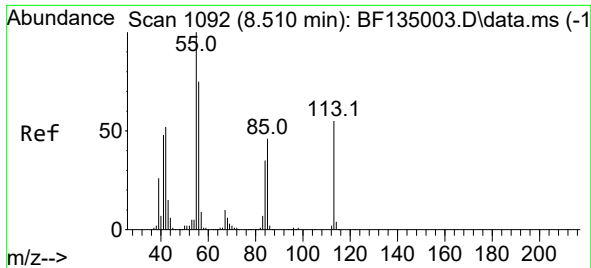
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#34
Hexachlorobutadiene
Concen: 46.273 ng
RT: 8.193 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

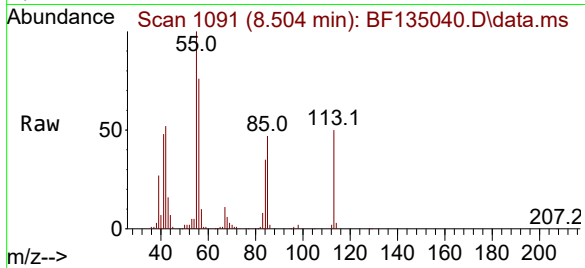
Tgt Ion:225 Resp: 202322
Ion Ratio Lower Upper
225 100
223 62.7 50.7 76.1
227 63.3 49.6 74.4





#35
Caprolactam
Concen: 48.557 ng m
RT: 8.504 min Scan# 1092
Delta R.T. -0.005 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

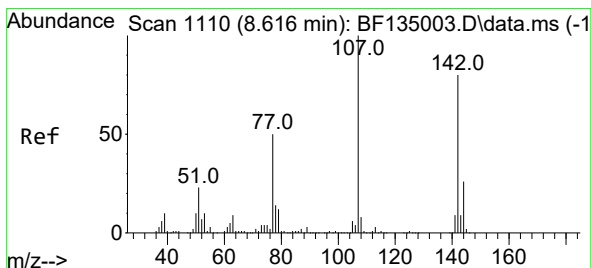
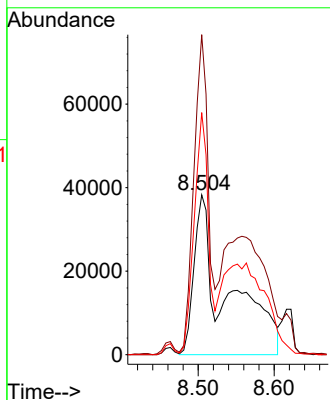
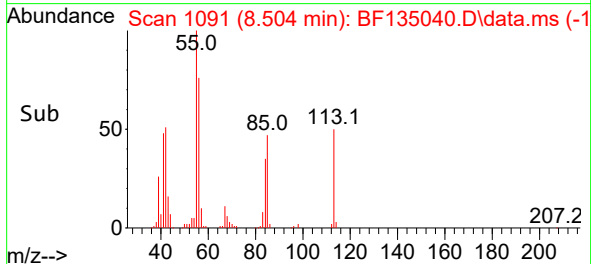
Instrument :
BNA_F
ClientSampleId :
PB155118BS



Tgt Ion:113 Resp: 113350
Ion Ratio Lower Upper
113 100
55 200.1 160.6 200.6
56 151.4 115.4 155.4

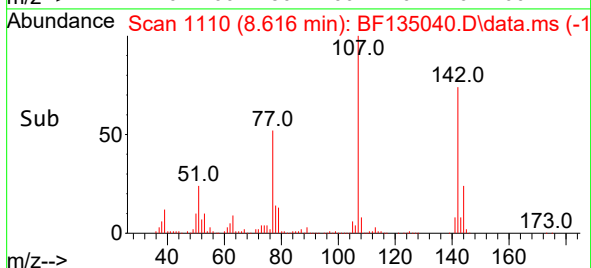
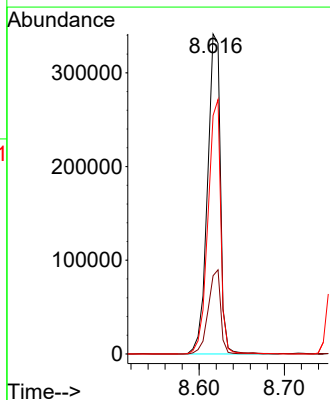
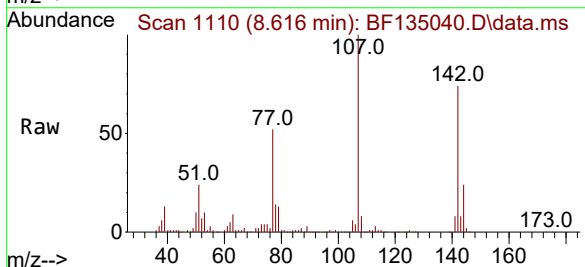
Manual Integrations
APPROVED

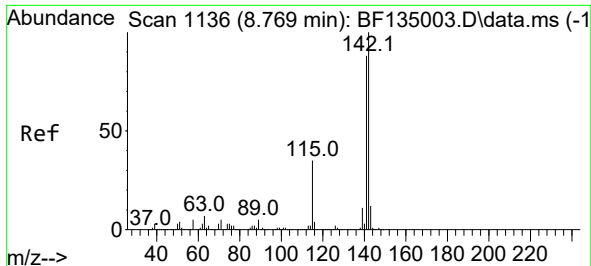
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#36
4-Chloro-3-methylphenol
Concen: 46.371 ng
RT: 8.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Tgt Ion:107 Resp: 359077
Ion Ratio Lower Upper
107 100
144 24.5 20.6 31.0
142 74.5 64.4 96.6





#37
2-Methylnaphthalene
Concen: 43.421 ng
RT: 8.769 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

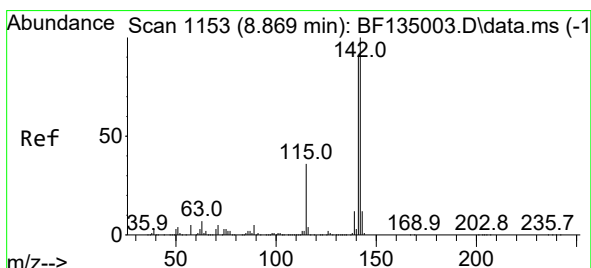
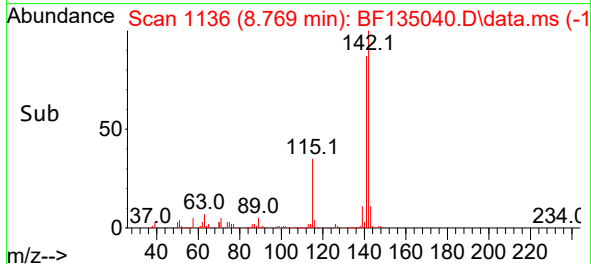
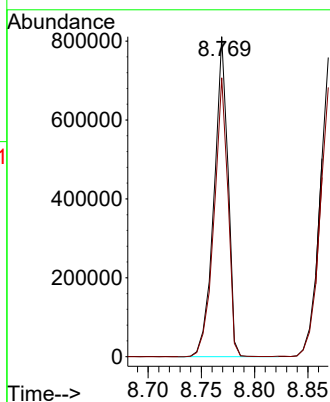
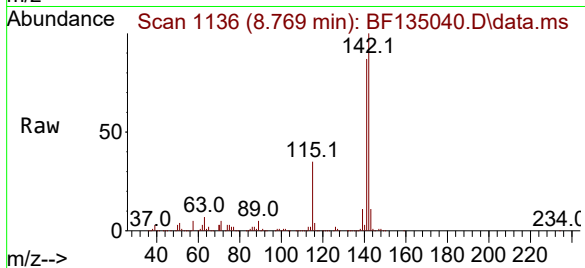
ClientSampleId :

PB155118BS

Tgt Ion:142 Resp: 730970
Ion Ratio Lower Upper
142 100
141 87.2 70.7 106.1

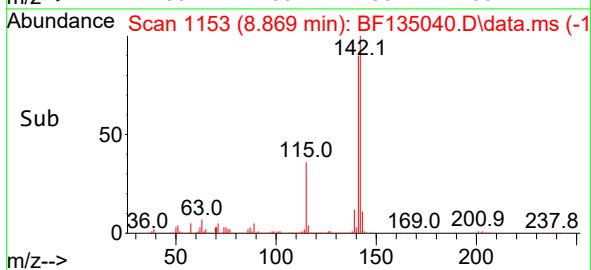
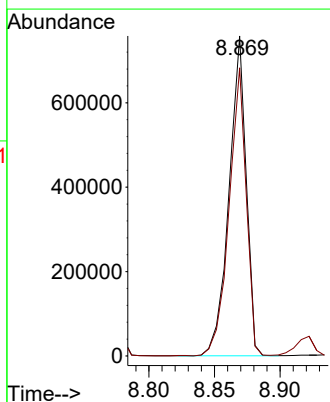
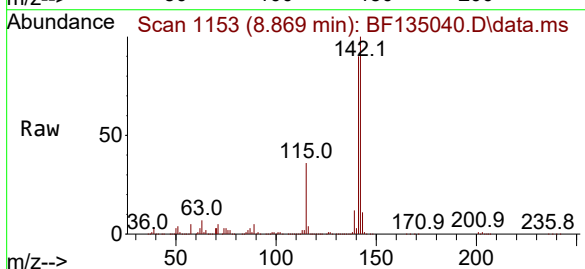
Manual Integrations
APPROVED

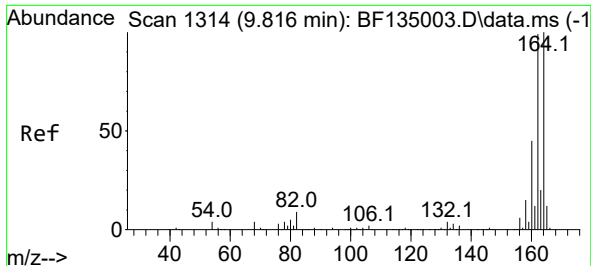
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#38
1-Methylnaphthalene
Concen: 43.713 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Tgt Ion:142 Resp: 688554
Ion Ratio Lower Upper
142 100
141 90.0 73.0 109.4





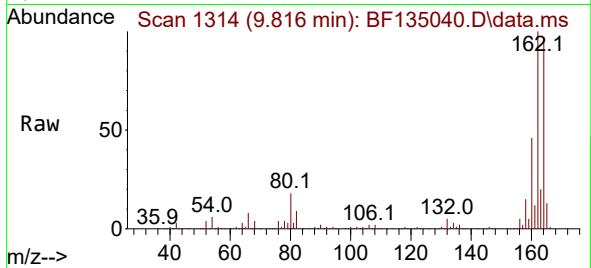
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS

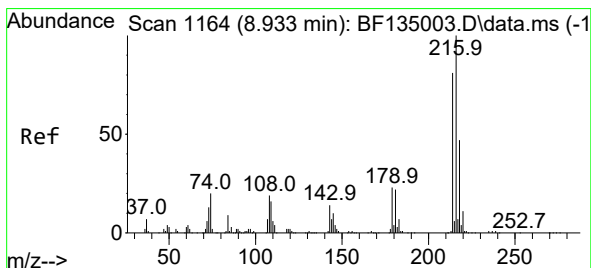
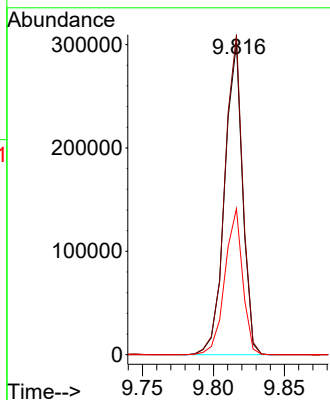
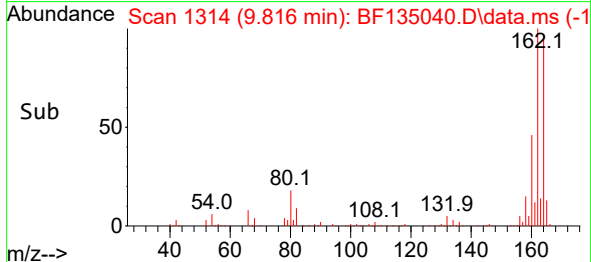


Tgt Ion:164 Resp: 264360
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 46.8 36.0 54.0

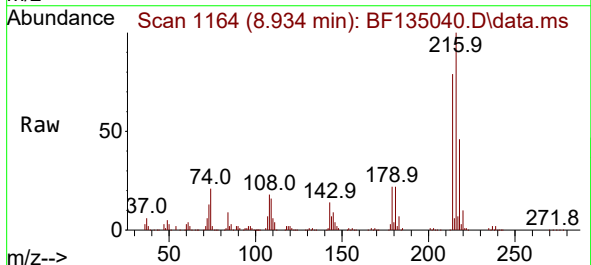
Manual Integrations

APPROVED

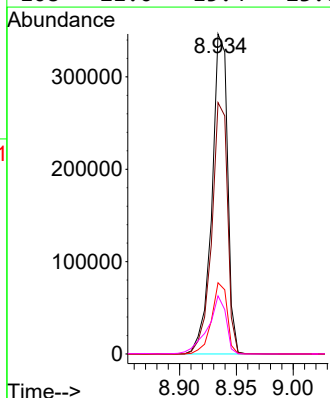
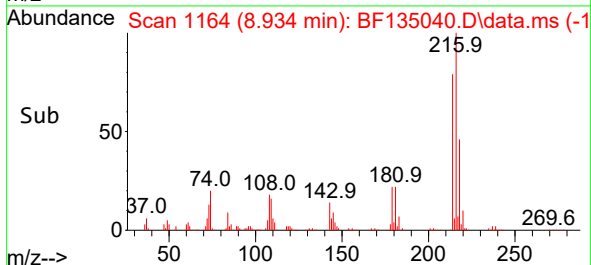
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.012 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20



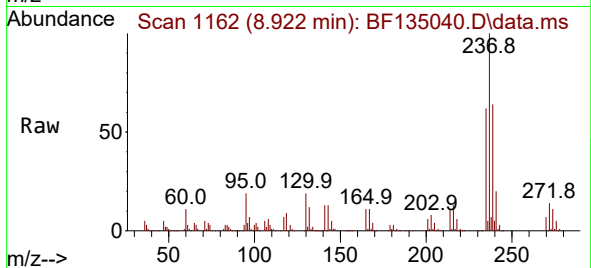
Tgt Ion:216 Resp: 333119
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.8
179 22.0 17.7 26.5
108 21.0 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 109.558 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

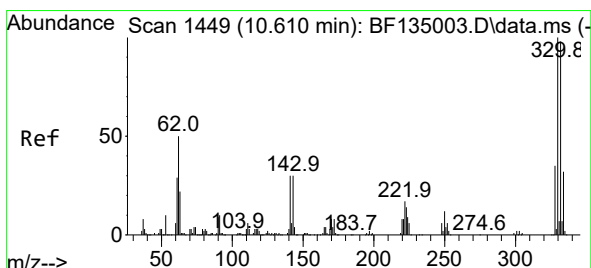
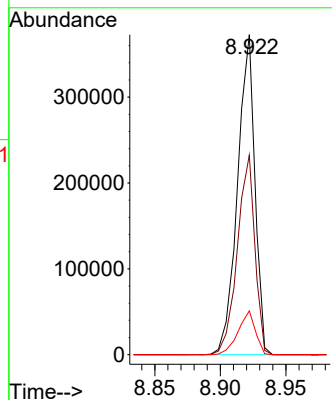
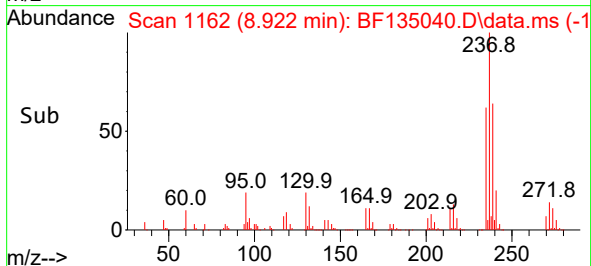
Instrument :
BNA_F
ClientSampleId :
PB155118BS



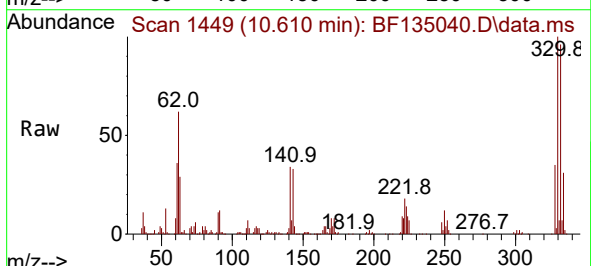
Tgt Ion:237 Resp: 345092
Ion Ratio Lower Upper
237 100
235 62.4 40.9 80.9
272 13.7 0.0 33.9

Manual Integrations
APPROVED

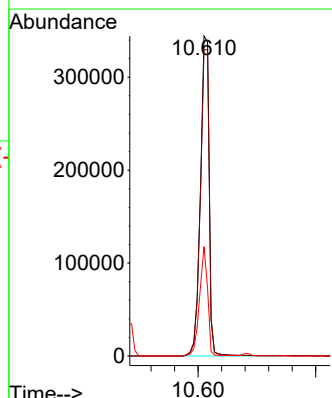
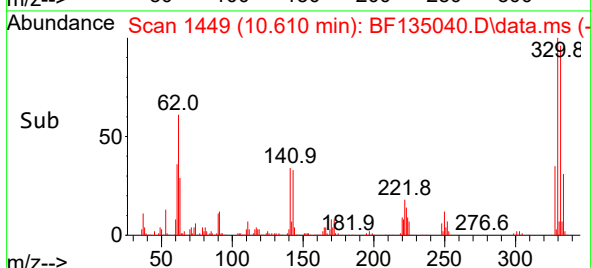
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

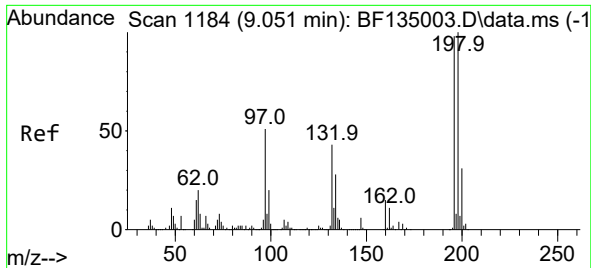


#42
2,4,6-Tribromophenol
Concen: 126.960 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20



Tgt Ion:330 Resp: 356043
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 31.6 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 46.716 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

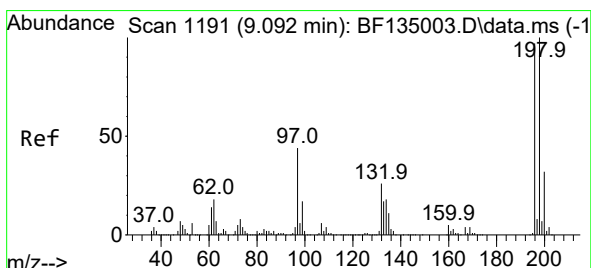
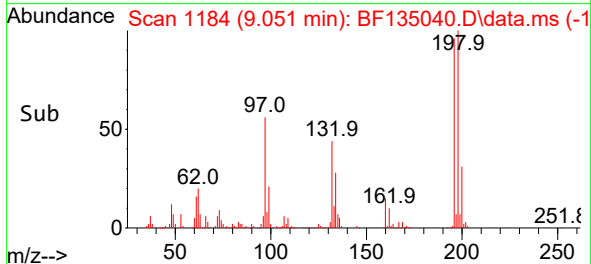
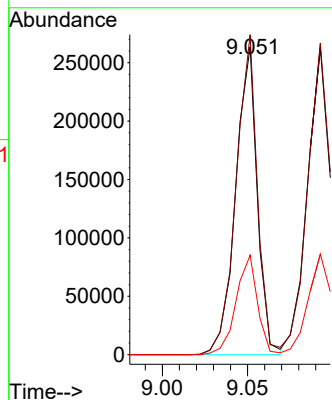
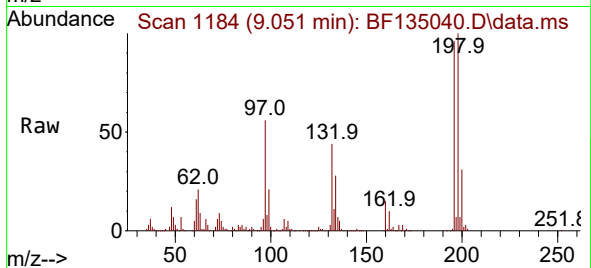
PB155118BS

Tgt Ion:196 Resp: 232180
Ion Ratio Lower Upper
196 100
198 103.9 81.8 122.6
200 32.3 25.7 38.5

Manual Integrations

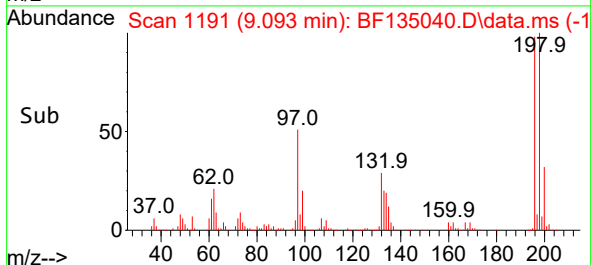
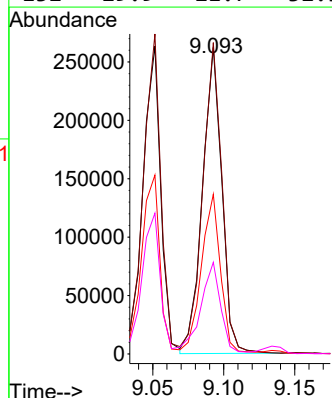
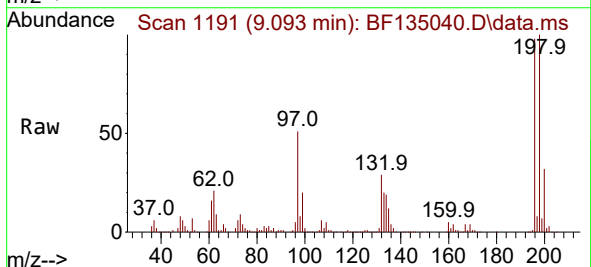
APPROVED

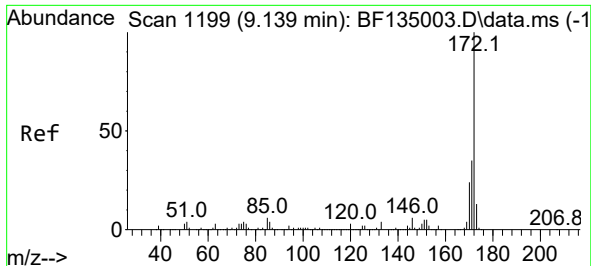
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#44
2,4,5-Trichlorophenol
Concen: 43.344 ng
RT: 9.093 min Scan# 1191
Delta R.T. 0.001 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Tgt Ion:196 Resp: 249405
Ion Ratio Lower Upper
196 100
198 101.5 82.8 124.2
97 52.1 36.5 54.7
132 29.9 21.7 32.5





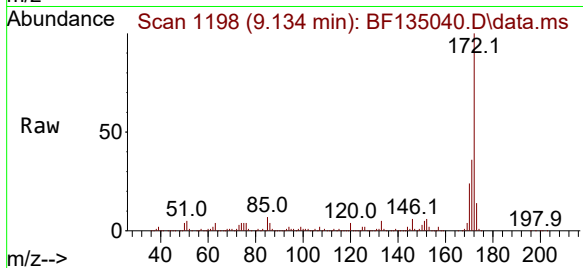
#45
2-Fluorobiphenyl
Concen: 86.064 ng
RT: 9.134 min Scan# 1199
Delta R.T. -0.005 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS

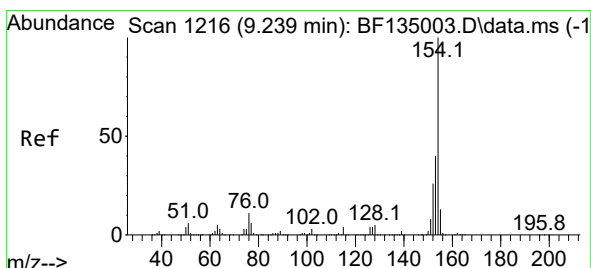
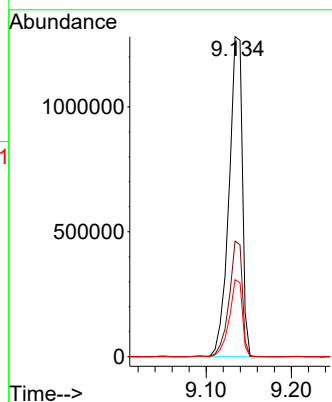
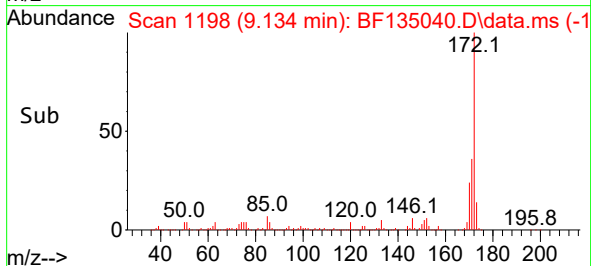


Tgt Ion:172 Resp: 1397483
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 24.0 19.0 28.4

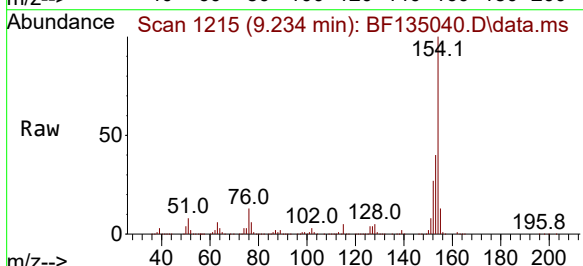
Manual Integrations

APPROVED

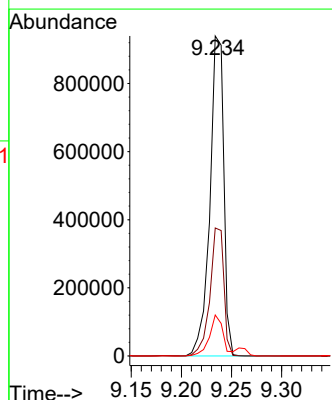
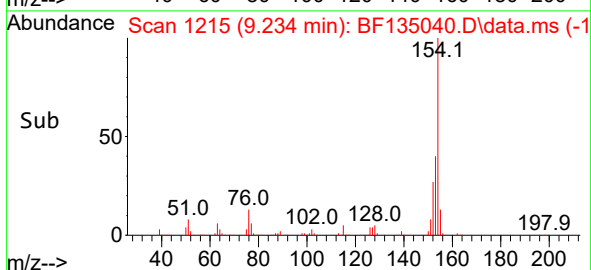
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

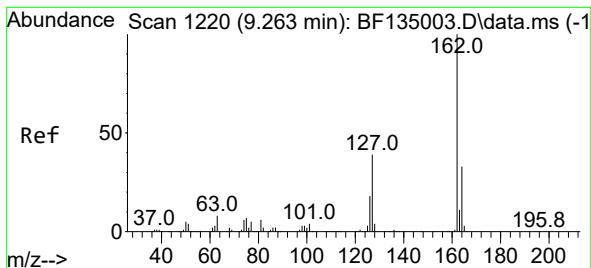


#46
1,1'-Biphenyl
Concen: 44.929 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20



Tgt Ion:154 Resp: 907488
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 12.8 0.0 31.2





#47

2-Chloronaphthalene

Concen: 45.908 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF135040.D

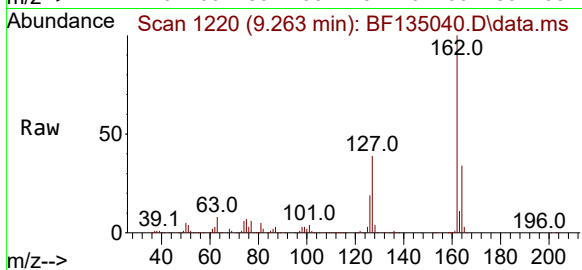
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS



Tgt Ion:162 Resp: 69728

Ion Ratio Lower Upper

162 100

127 38.7 31.8 47.6

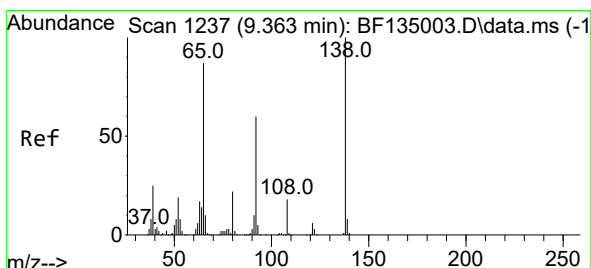
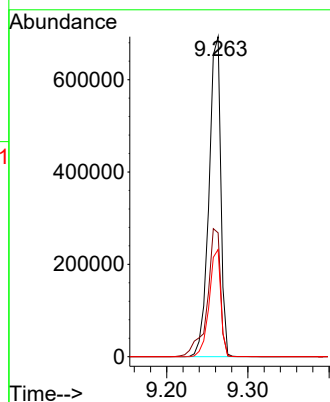
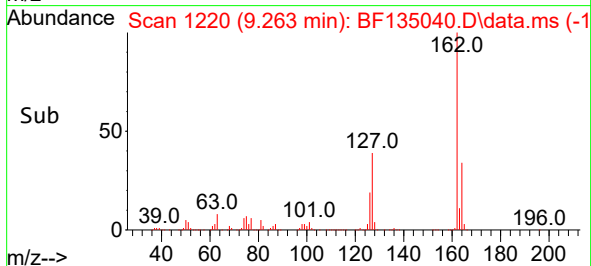
164 33.5 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#48

2-Nitroaniline

Concen: 46.301 ng

RT: 9.363 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

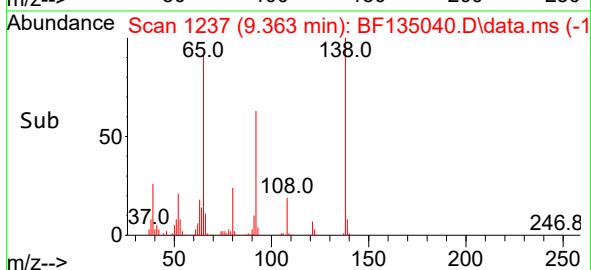
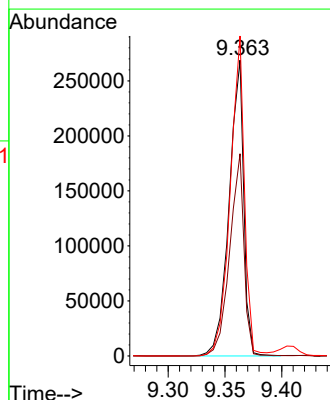
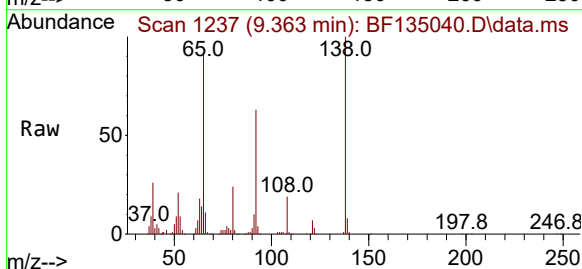
Tgt Ion: 65 Resp: 240742

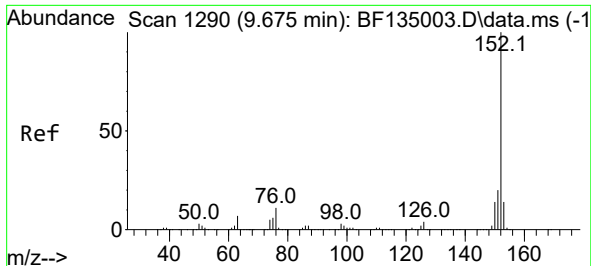
Ion Ratio Lower Upper

65 100

92 68.4 54.9 82.3

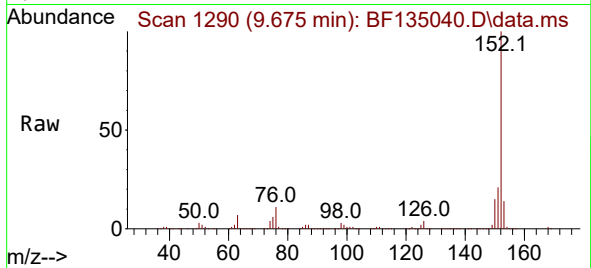
138 108.2 91.6 137.4





#49
Acenaphthylene
Concen: 45.393 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

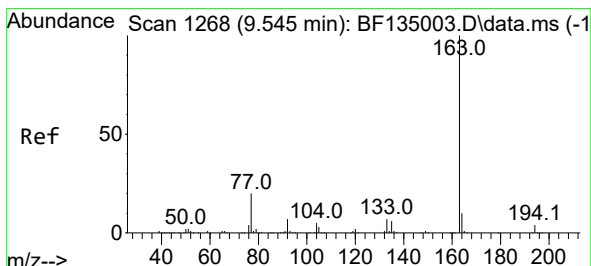
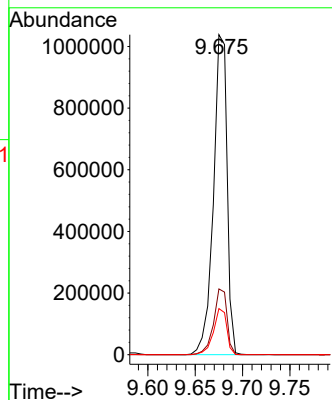
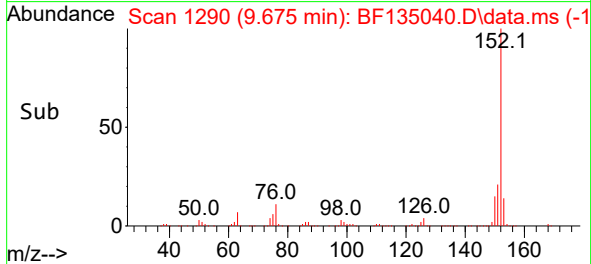
Instrument :
BNA_F
ClientSampleId :
PB155118BS



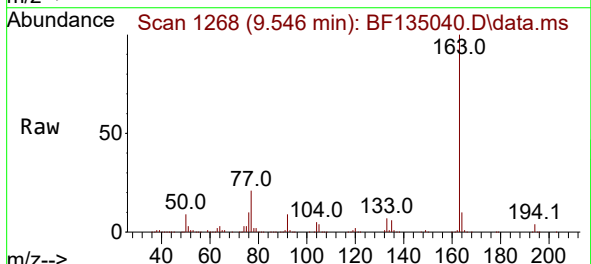
Tgt Ion:152 Resp: 1042240
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 14.4 11.4 17.0

Manual Integrations
APPROVED

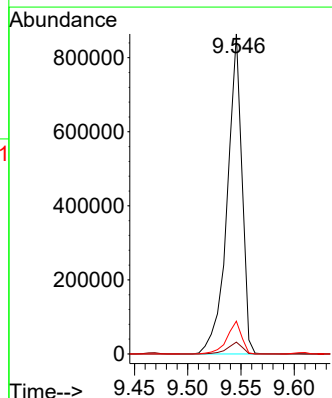
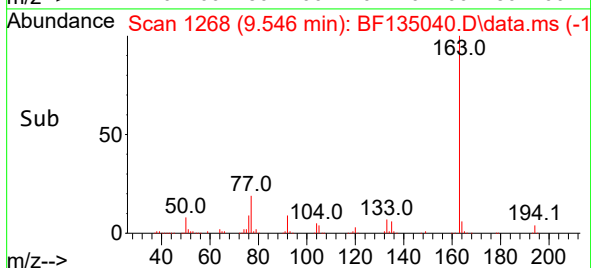
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

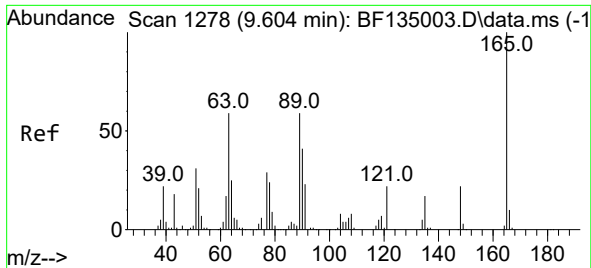


#50
Dimethylphthalate
Concen: 44.640 ng
RT: 9.546 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20



Tgt Ion:163 Resp: 826339
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.714 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

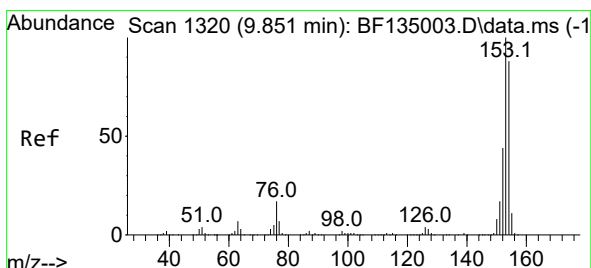
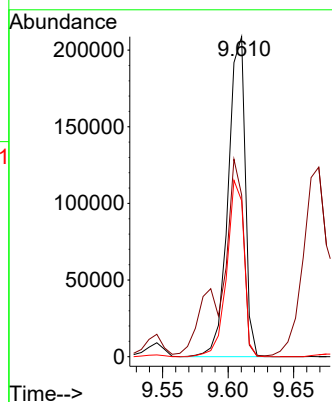
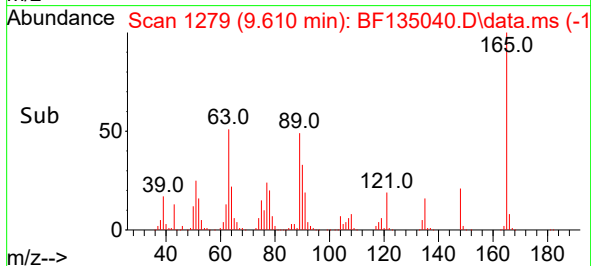
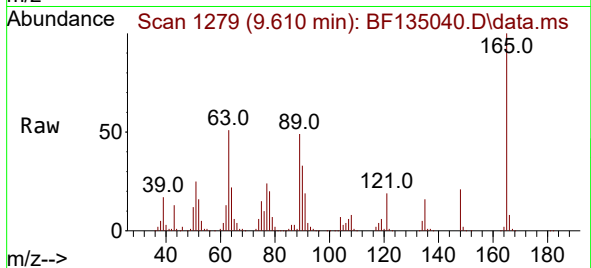
ClientSampleId :

PB155118BS

Tgt Ion:165 Resp: 18974
Ion Ratio Lower Upper
165 100
63 50.5 50.4 75.6
89 48.7 47.1 70.7

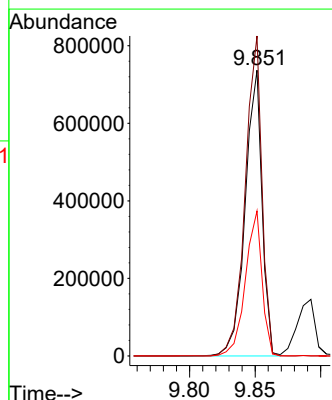
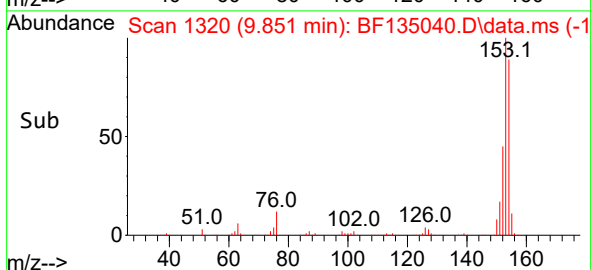
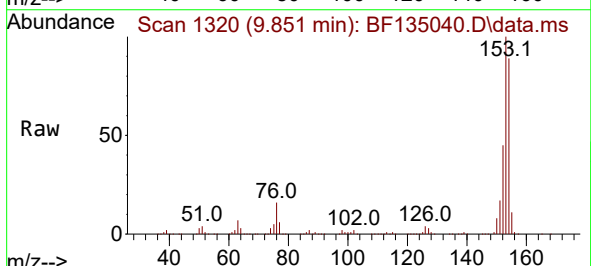
Manual Integrations
APPROVED

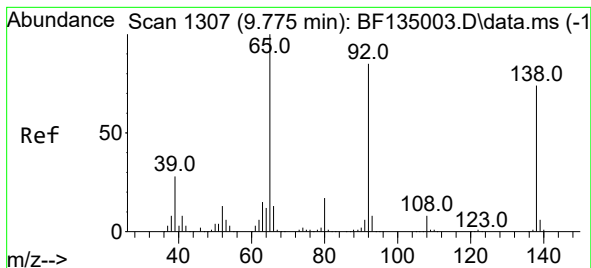
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#52
Acenaphthene
Concen: 45.269 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Tgt Ion:154 Resp: 662374
Ion Ratio Lower Upper
154 100
153 112.0 90.8 136.2
152 50.7 40.2 60.4





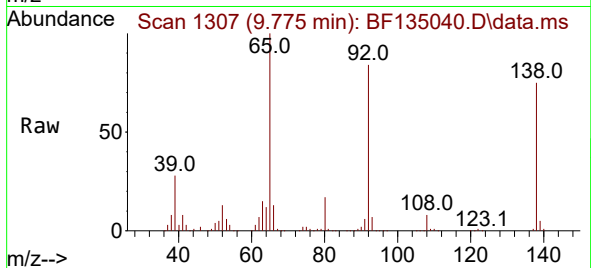
#53
3-Nitroaniline
Concen: 39.667 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS



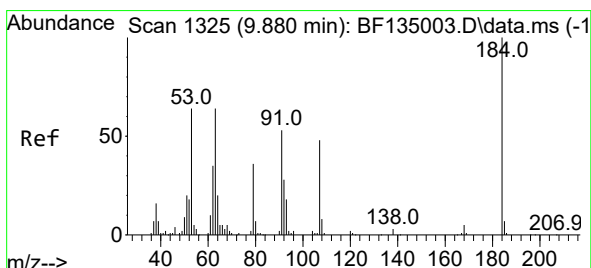
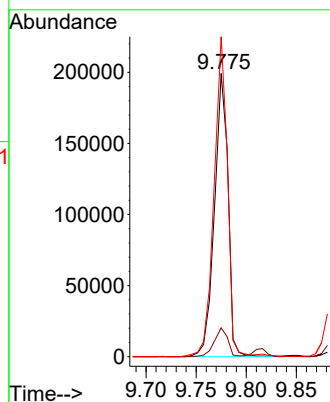
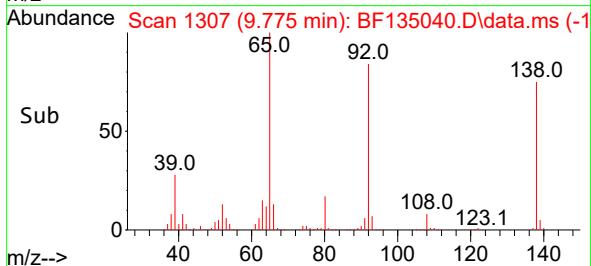
Tgt Ion:138 Resp: 187680
Ion Ratio Lower Upper
138 100
108 10.2 8.6 13.0
92 113.0 92.2 138.4

Manual Integrations

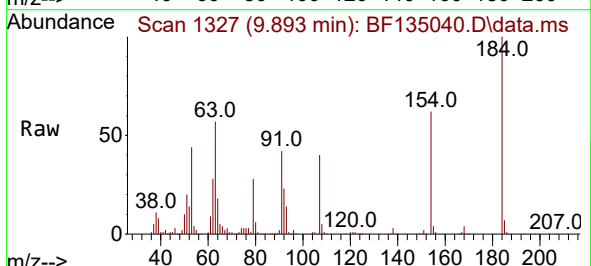
APPROVED

Reviewed By :Yogesh Patel 09/01/2023

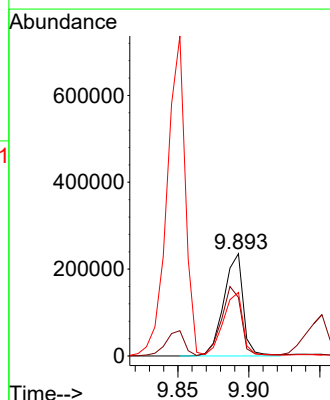
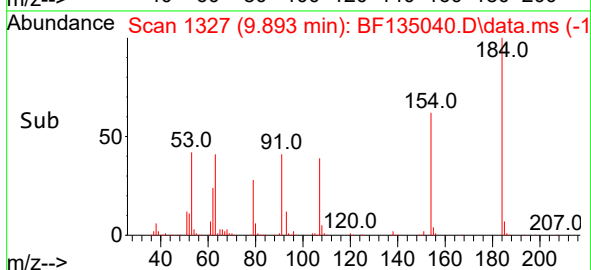
Supervised By :mohammad ahmed 09/01/2023

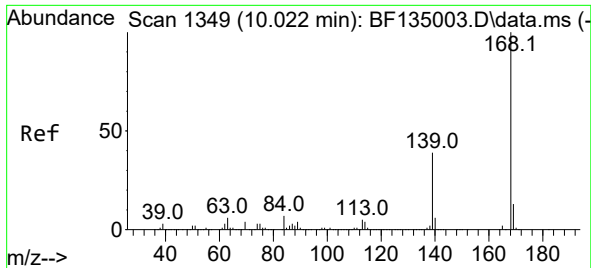


#54
2,4-Dinitrophenol
Concen: 115.349 ng
RT: 9.893 min Scan# 1327
Delta R.T. 0.012 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20



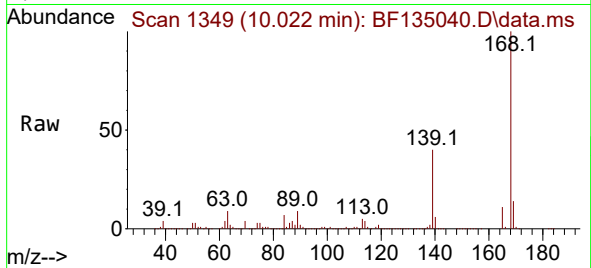
Tgt Ion:184 Resp: 223924
Ion Ratio Lower Upper
184 100
63 57.3 62.2 93.2#
154 62.2 52.3 78.5





#55
Dibenzenofuran
Concen: 44.209 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

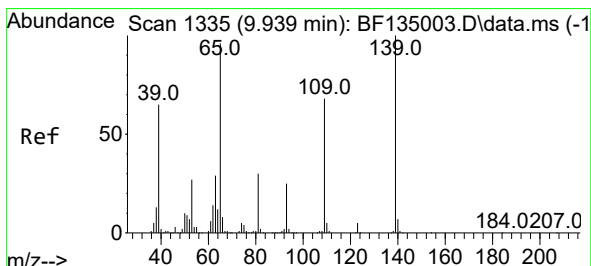
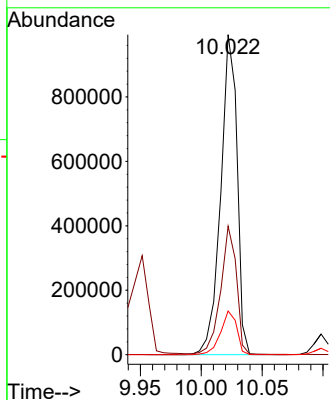
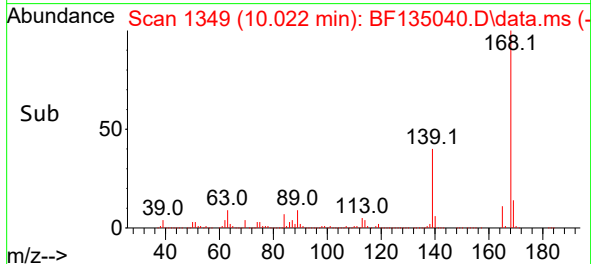
Instrument :
BNA_F
ClientSampleId :
PB155118BS



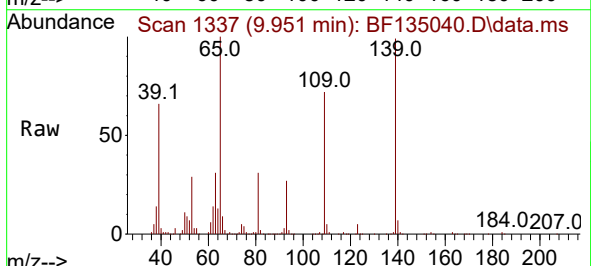
Tgt Ion:168 Resp: 933120
Ion Ratio Lower Upper
168 100
139 40.2 31.5 47.3
169 13.6 10.7 16.1

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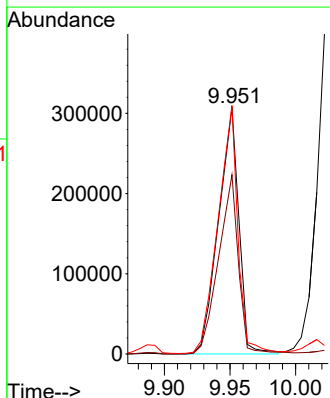
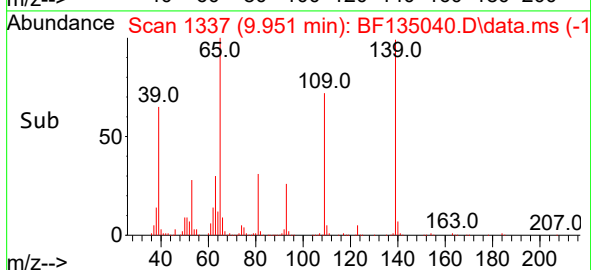
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

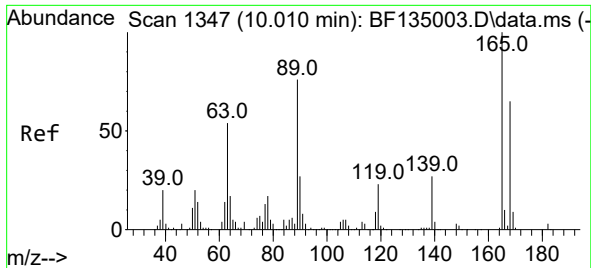


#56
4-Nitrophenol
Concen: 99.541 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20



Tgt Ion:139 Resp: 331070
Ion Ratio Lower Upper
139 100
109 72.7 47.7 87.7
65 100.8 75.9 115.9





#57
2,4-Dinitrotoluene
Concen: 46.843 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

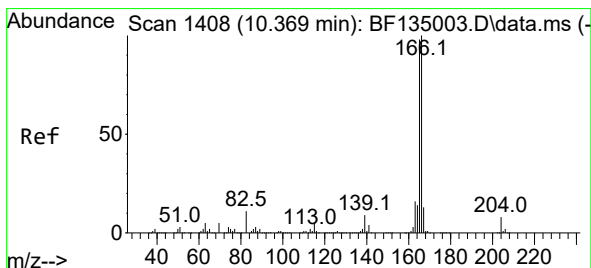
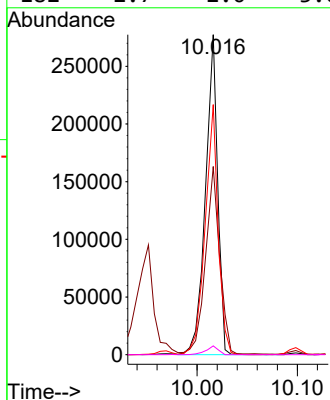
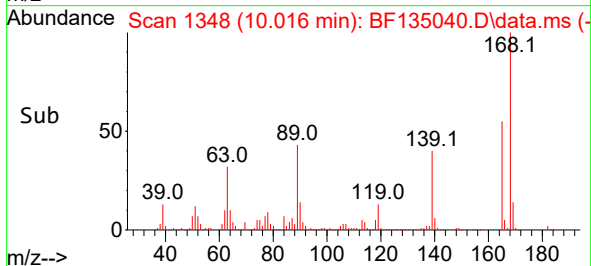
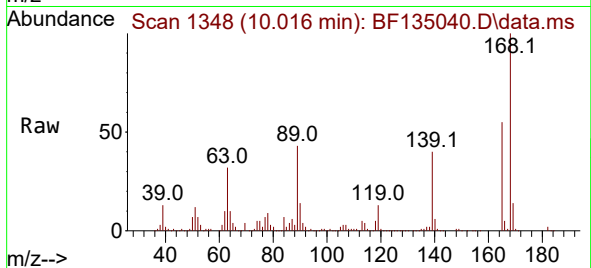
PB155118BS

Tgt Ion:165 Resp: 237110
Ion Ratio Lower Upper
165 100
63 58.8 43.2 64.8
89 78.2 60.8 91.2
182 2.7 2.0 3.0

Manual Integrations

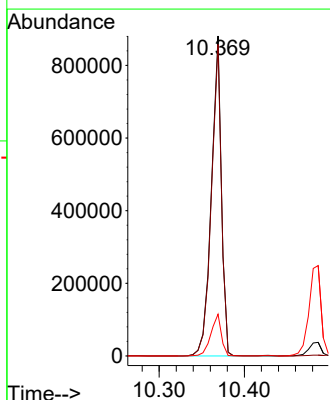
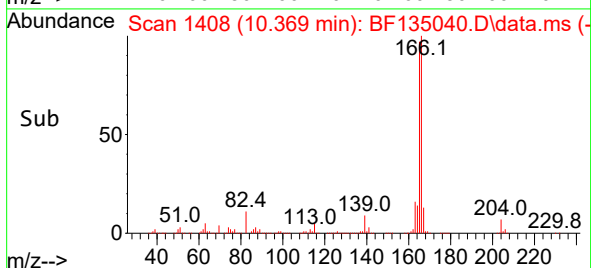
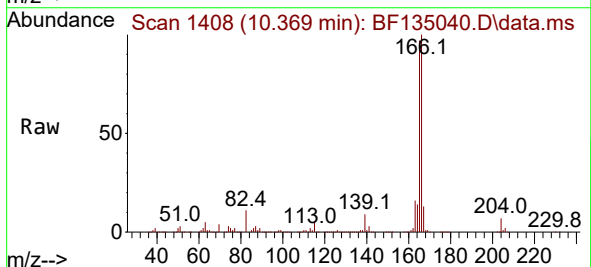
APPROVED

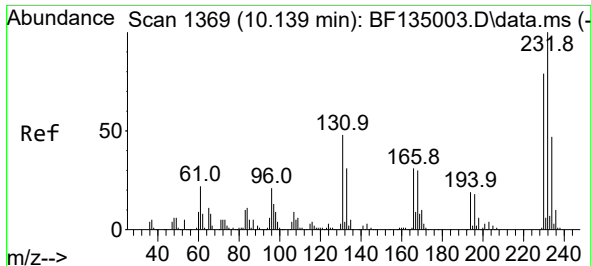
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#58
Fluorene
Concen: 44.944 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

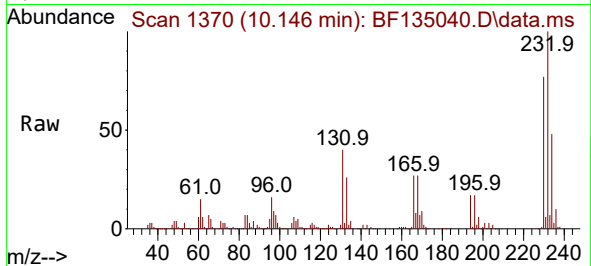
Tgt Ion:166 Resp: 723216
Ion Ratio Lower Upper
166 100
165 97.4 78.0 117.0
167 13.1 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.857 ng
RT: 10.146 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

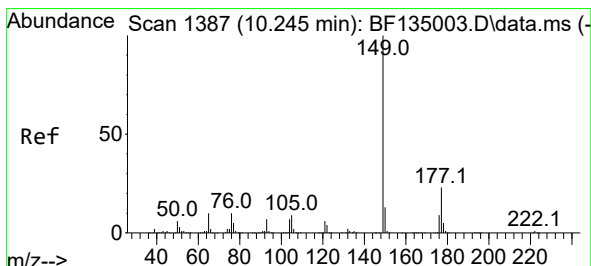
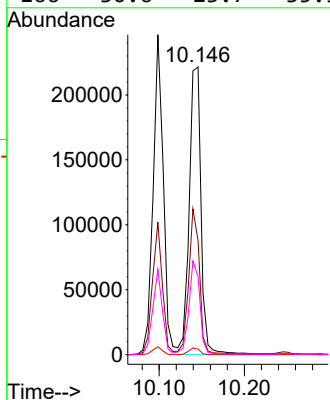
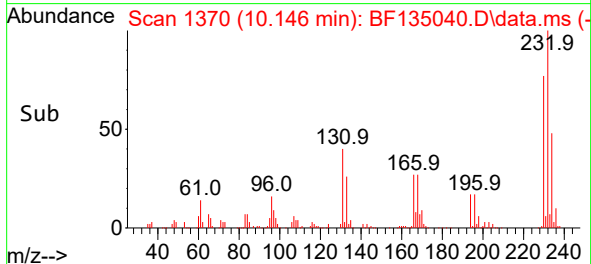
Instrument :
BNA_F
ClientSampleId :
PB155118BS



Tgt Ion:232 Resp: 212041
Ion Ratio Lower Upper
232 100
131 46.9 35.3 52.9
130 2.2 1.7 2.5
166 30.6 23.7 35.5

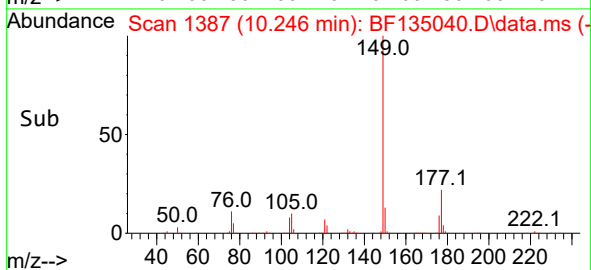
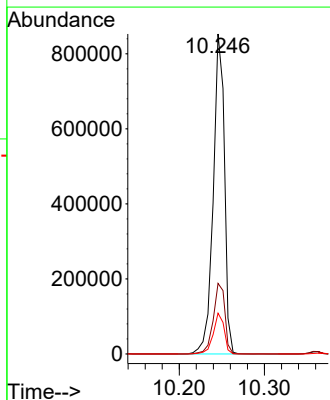
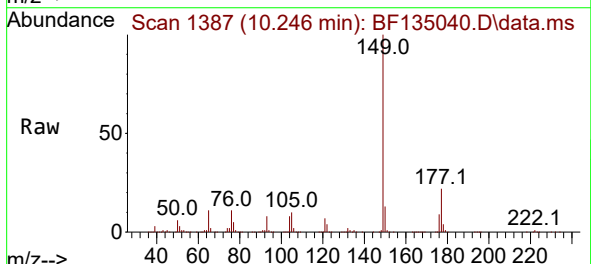
Manual Integrations
APPROVED

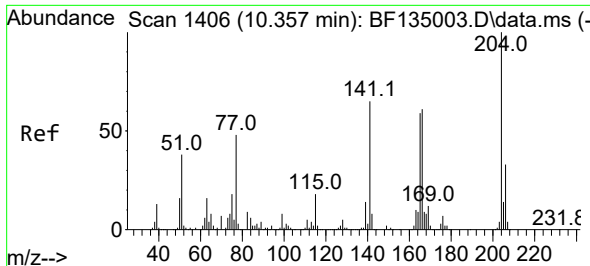
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#60
Diethylphthalate
Concen: 45.030 ng
RT: 10.246 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

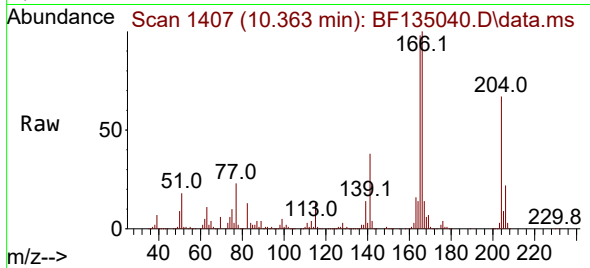
Tgt Ion:149 Resp: 784666
Ion Ratio Lower Upper
149 100
177 22.0 18.5 27.7
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.956 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

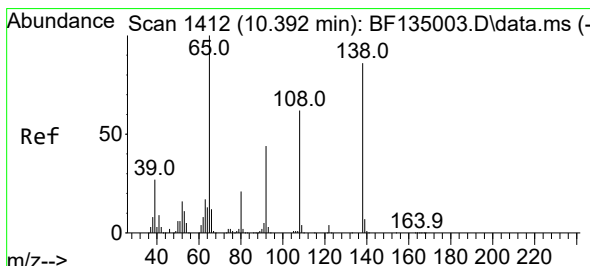
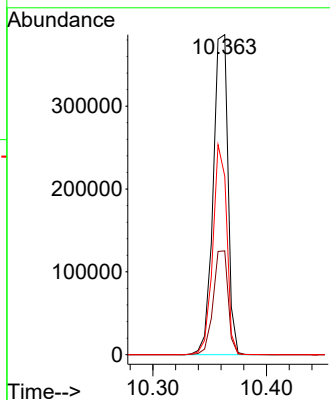
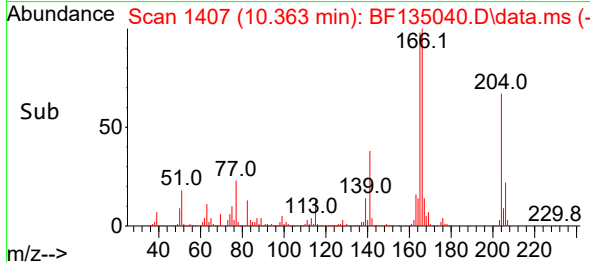
Instrument :
BNA_F
ClientSampleId :
PB155118BS



Tgt Ion:204 Resp: 349868
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 55.8 51.8 77.6

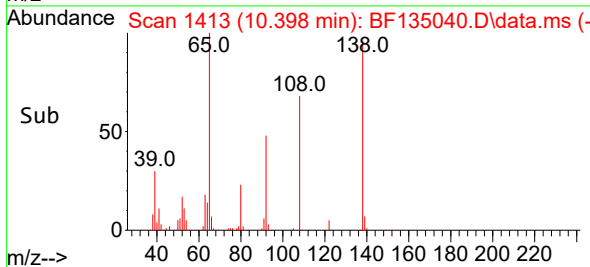
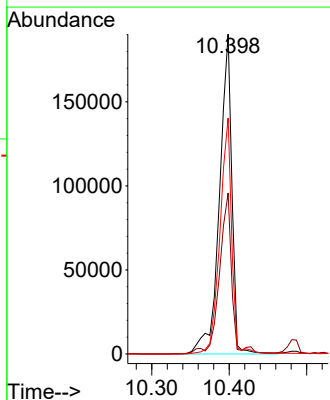
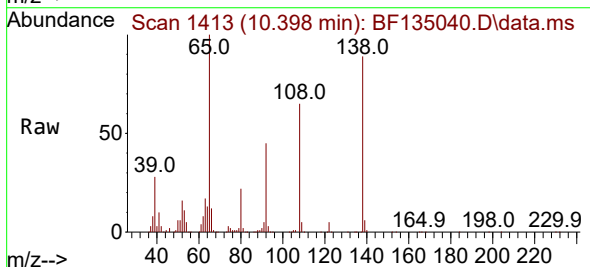
Manual Integrations
APPROVED

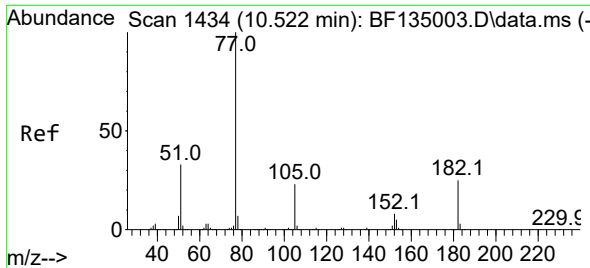
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#62
4-Nitroaniline
Concen: 45.666 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

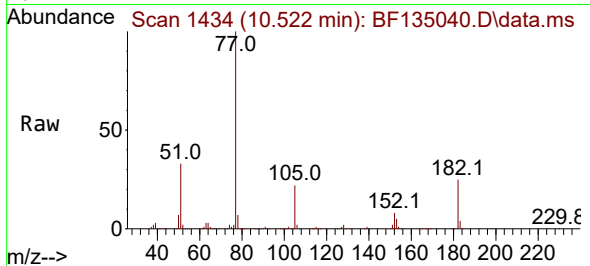
Tgt Ion:138 Resp: 211419
Ion Ratio Lower Upper
138 100
92 50.3 30.7 70.7
108 73.7 51.7 91.7





#63
Azobenzene
Concen: 44.281 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

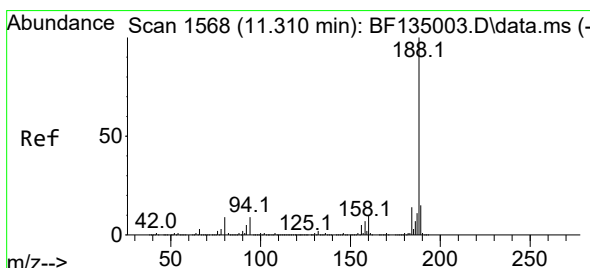
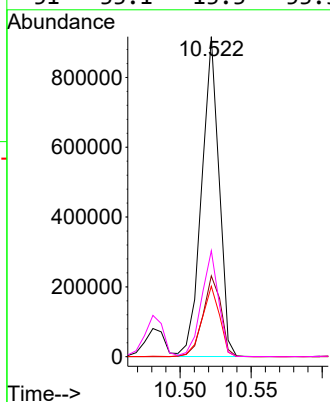
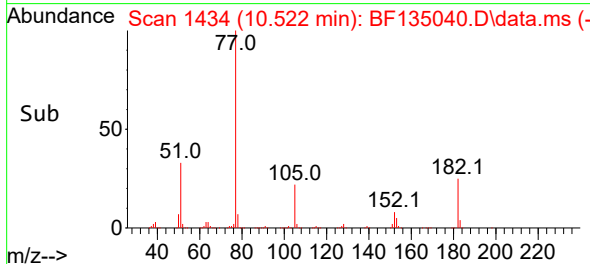
Instrument :
BNA_F
ClientSampleId :
PB155118BS



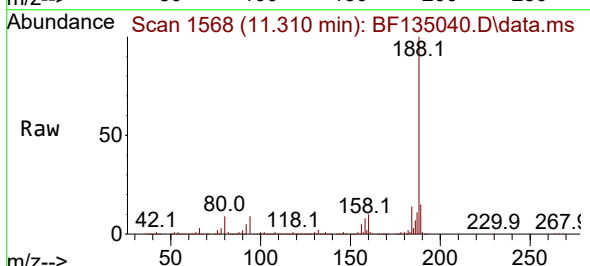
Tgt Ion: 77 Resp: 776945
Ion Ratio Lower Upper
77 100
182 25.2 4.9 44.9
105 22.0 2.7 42.7
51 33.1 13.3 53.3

Manual Integrations
APPROVED

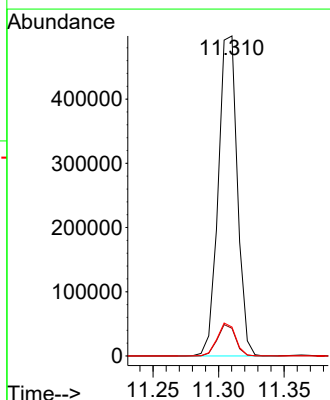
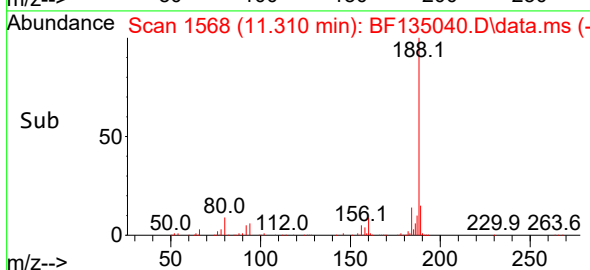
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

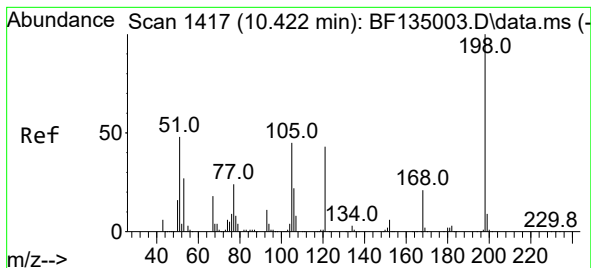


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20



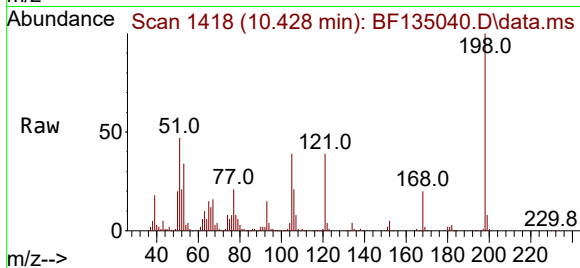
Tgt Ion:188 Resp: 503662
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.1 7.4 11.2





#65
4,6-Dinitro-2-methylphenol
Concen: 49.449 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

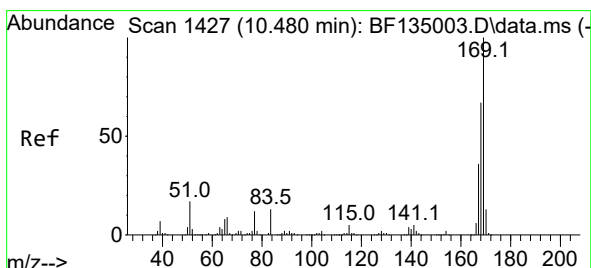
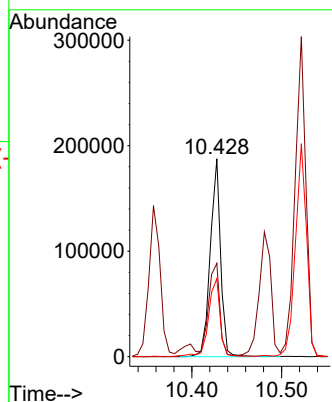
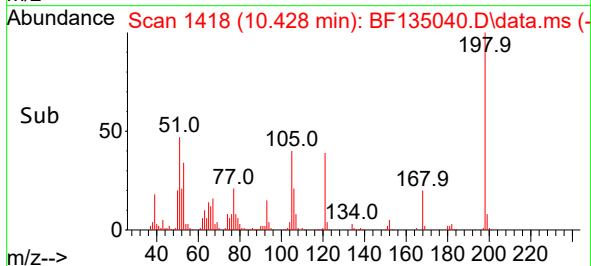
Instrument :
BNA_F
ClientSampleId :
PB155118BS



Tgt Ion:198 Resp: 150734
Ion Ratio Lower Upper
198 100
51 47.1 35.7 75.7
105 39.5 25.9 65.9

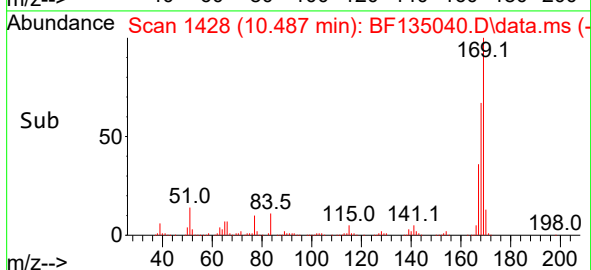
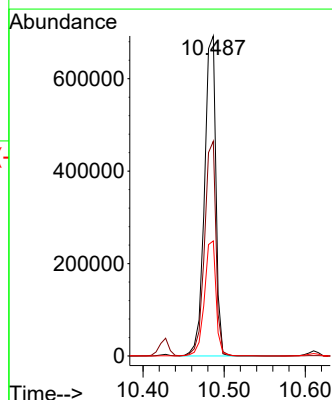
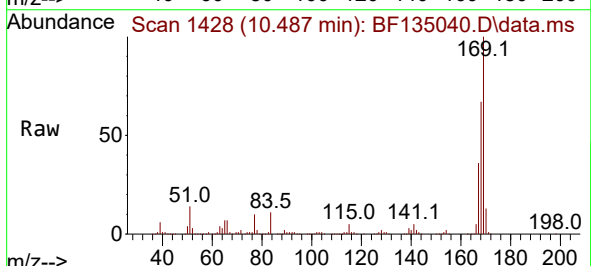
Manual Integrations
APPROVED

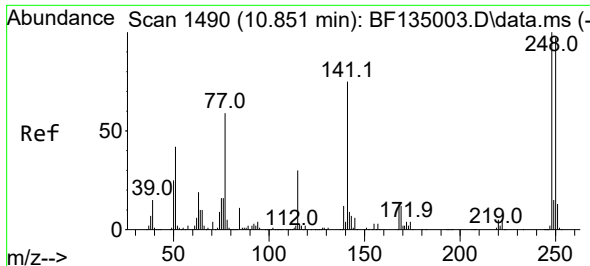
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#66
n-Nitrosodiphenylamine
Concen: 43.071 ng
RT: 10.487 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

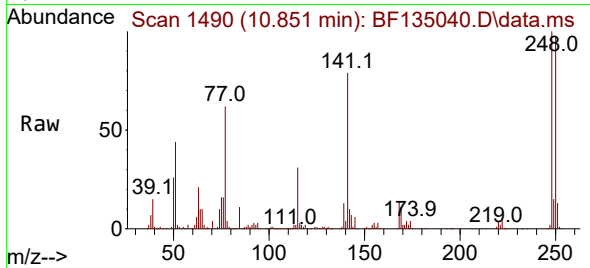
Tgt Ion:169 Resp: 674521
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 35.9 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 42.532 ng
RT: 10.851 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

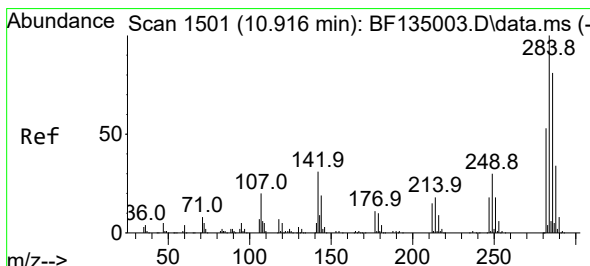
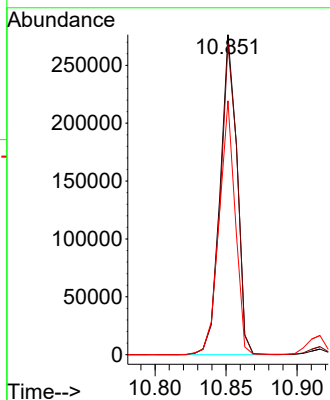
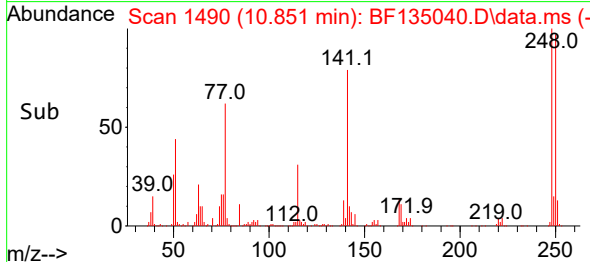
Instrument :
BNA_F
ClientSampleId :
PB155118BS



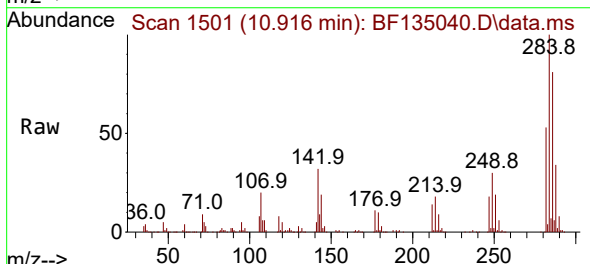
Tgt Ion:248 Resp: 227212
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 79.3 59.8 89.8

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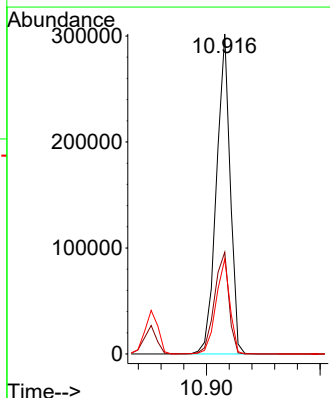
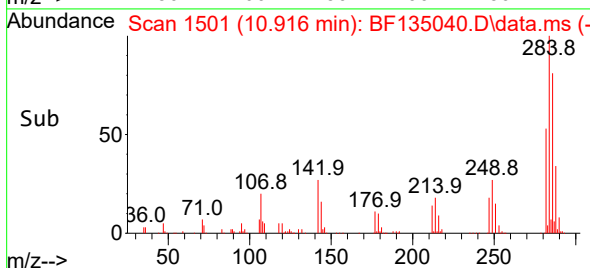
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

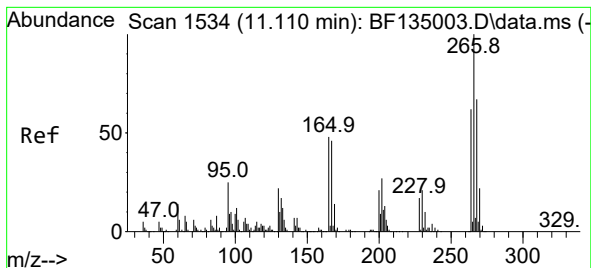


#68
Hexachlorobenzene
Concen: 45.963 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20



Tgt Ion:284 Resp: 253892
Ion Ratio Lower Upper
284 100
142 31.8 25.1 37.7
249 29.7 24.1 36.1





#70

Pentachlorophenol

Concen: 82.163 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF135040.D

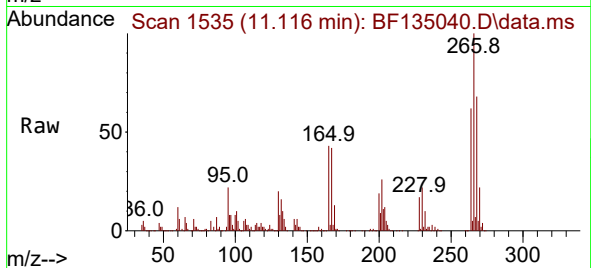
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS



Tgt Ion:266 Resp: 274578

Ion Ratio Lower Upper

266 100

268 68.0 53.3 79.9

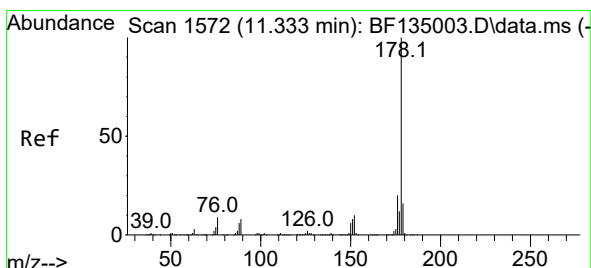
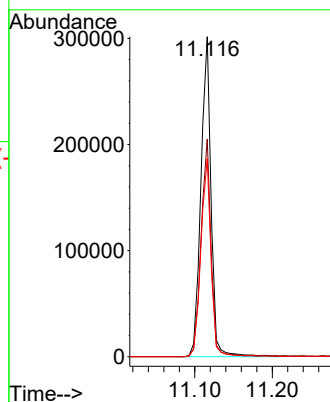
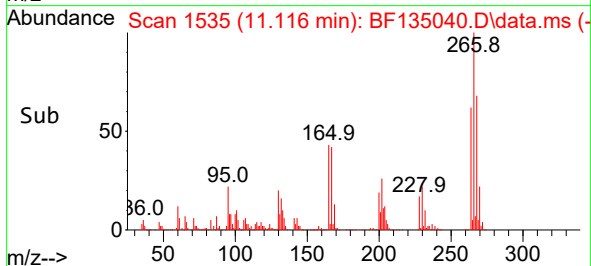
264 61.9 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#71

Phenanthrene

Concen: 44.665 ng

RT: 11.334 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

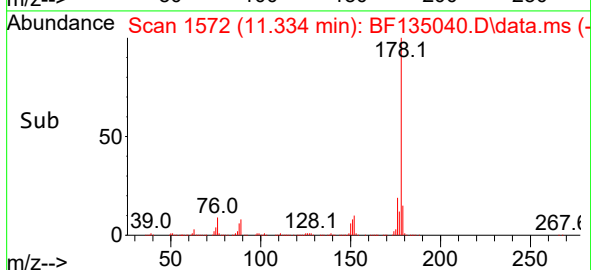
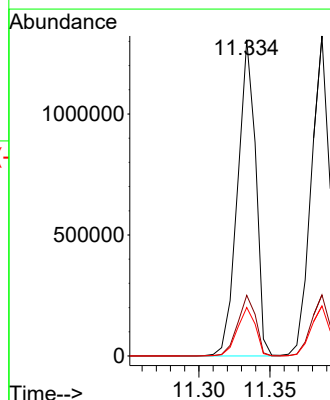
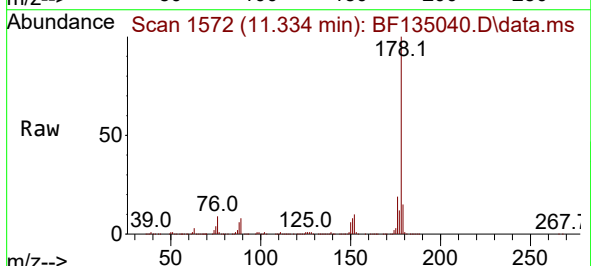
Tgt Ion:178 Resp: 1160584

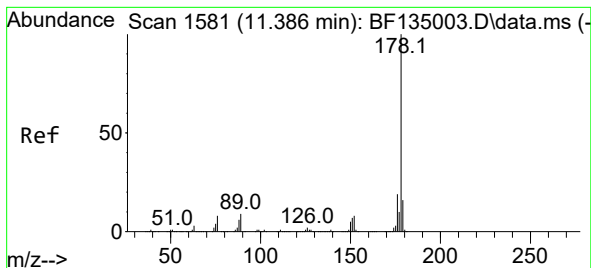
Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

179 15.3 12.5 18.7





#72

Anthracene

Concen: 44.315 ng

RT: 11.387 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS

Tgt Ion:178 Resp: 1176479

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

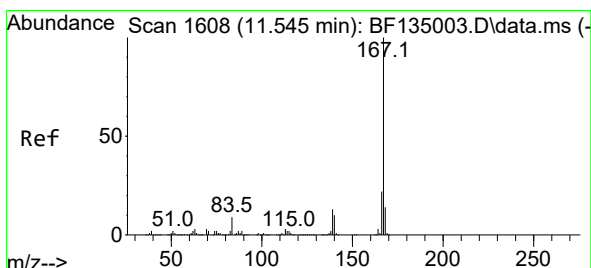
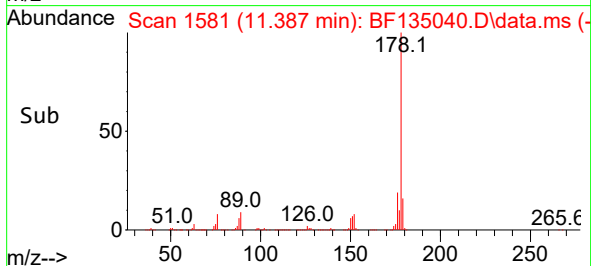
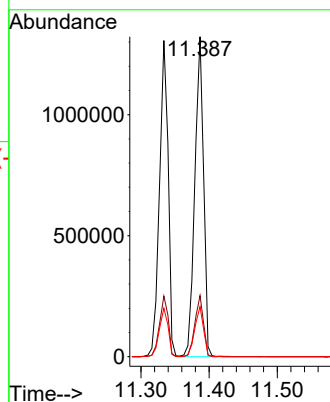
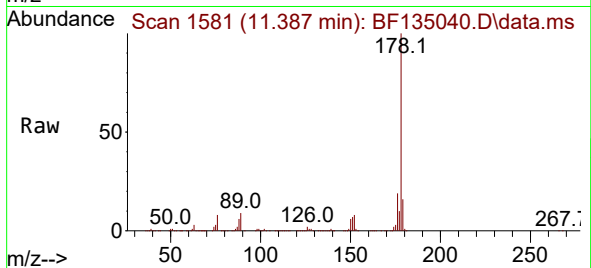
179 15.7 12.8 19.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#73

Carbazole

Concen: 45.532 ng

RT: 11.545 min Scan# 1608

Delta R.T. 0.000 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

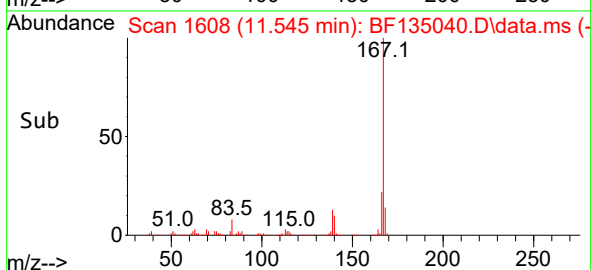
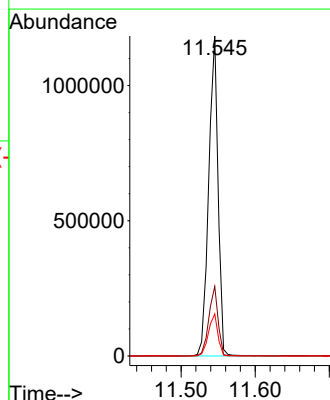
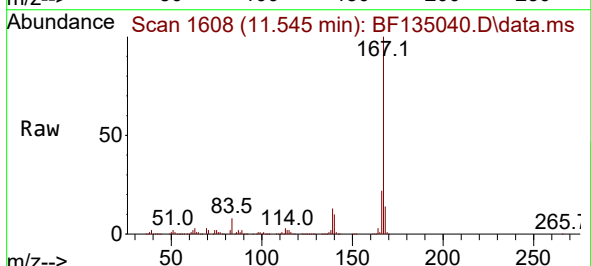
Tgt Ion:167 Resp: 1042606

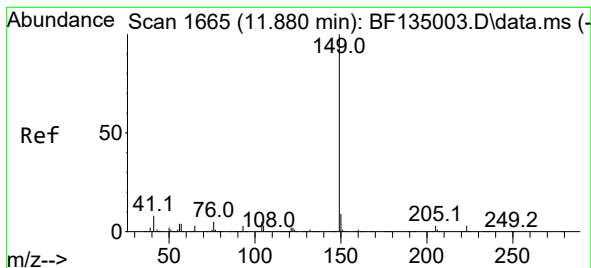
Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.2 10.3 15.5





#74

Di-n-butylphthalate

Concen: 43.390 ng

RT: 11.881 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS

Tgt Ion:149 Resp: 1197680

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

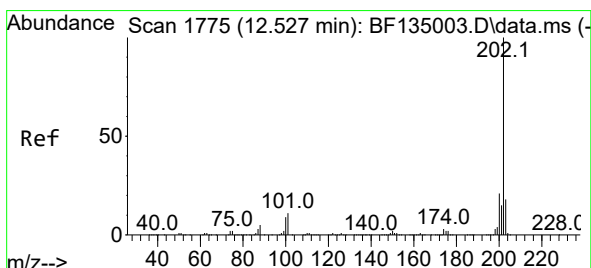
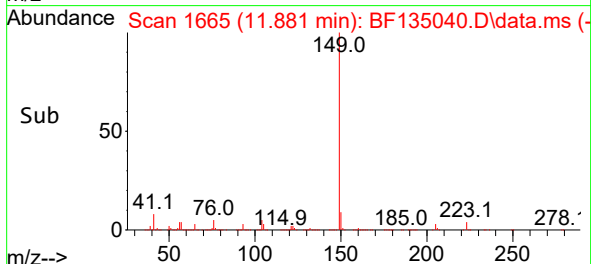
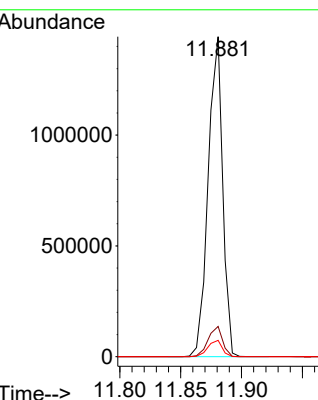
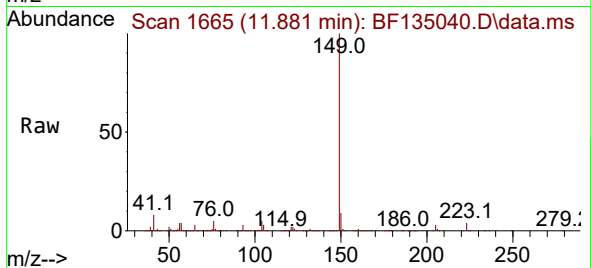
104 5.1 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#75

Fluoranthene

Concen: 45.310 ng

RT: 12.528 min Scan# 1775

Delta R.T. 0.000 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

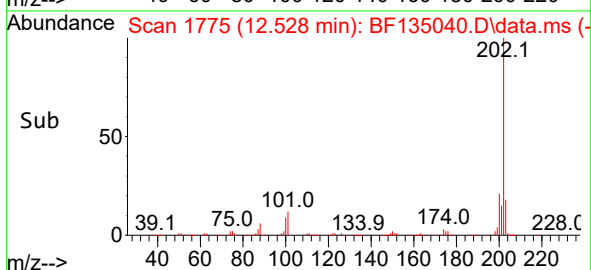
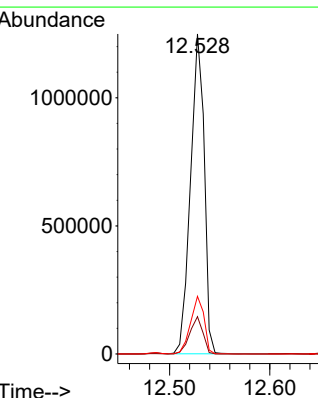
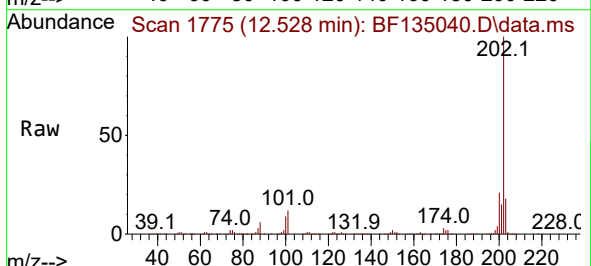
Tgt Ion:202 Resp: 1190359

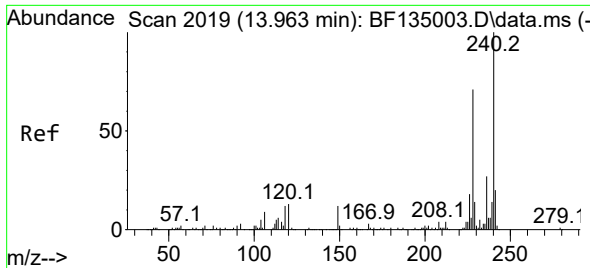
Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.5

203 18.0 0.0 37.8





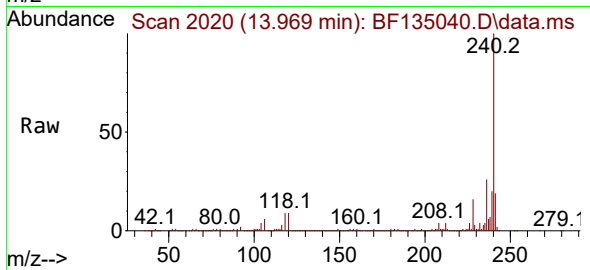
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS



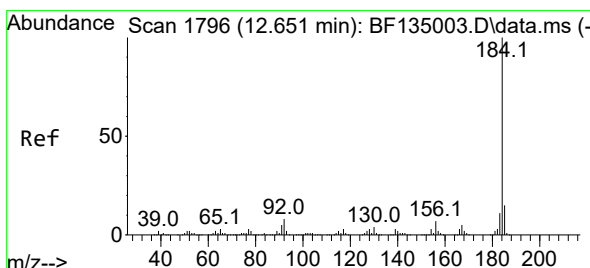
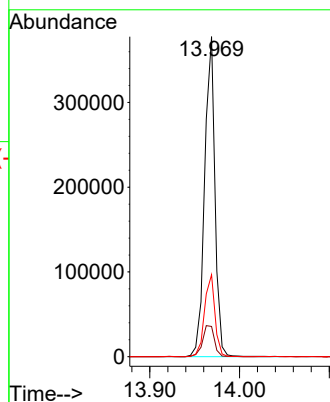
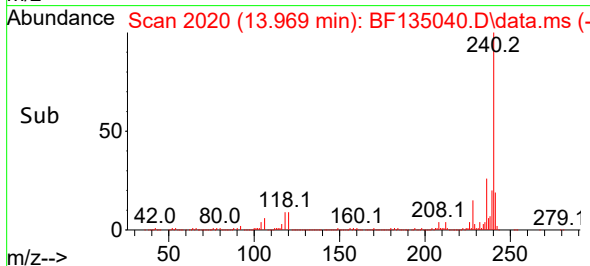
Tgt Ion:240 Resp: 301594
Ion Ratio Lower Upper
240 100
120 9.5 10.2 15.2
236 25.6 21.3 31.9

Manual Integrations

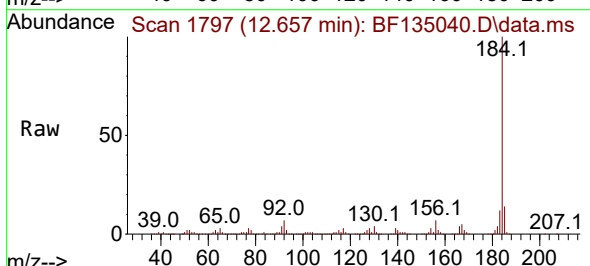
APPROVED

Reviewed By :Yogesh Patel 09/01/2023

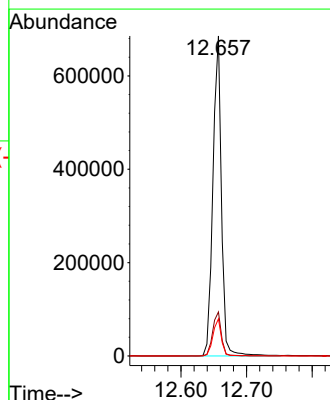
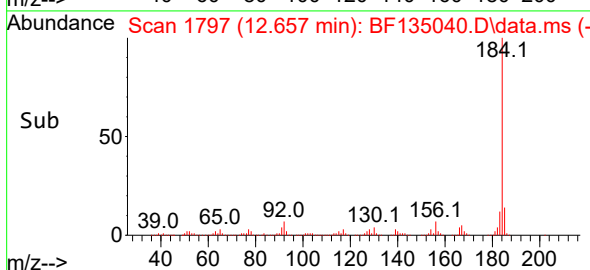
Supervised By :mohammad ahmed 09/01/2023

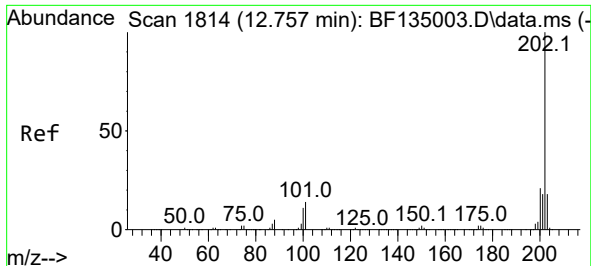


#77
Benzidine
Concen: 114.070 ng
RT: 12.657 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20



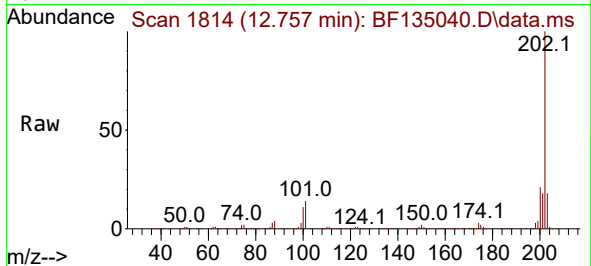
Tgt Ion:184 Resp: 620162
Ion Ratio Lower Upper
184 100
185 13.7 12.0 18.0
183 11.6 9.0 13.6





#78
Pyrene
Concen: 42.253 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

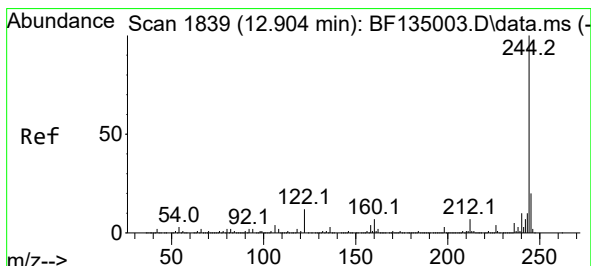
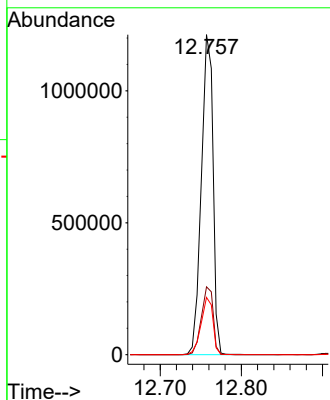
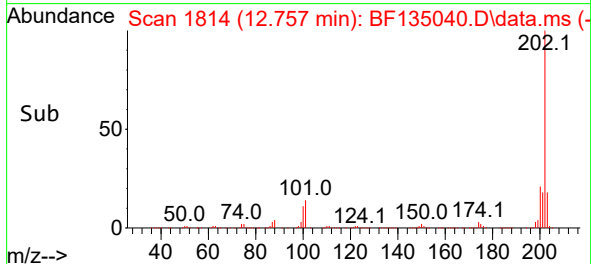
Instrument :
BNA_F
ClientSampleId :
PB155118BS



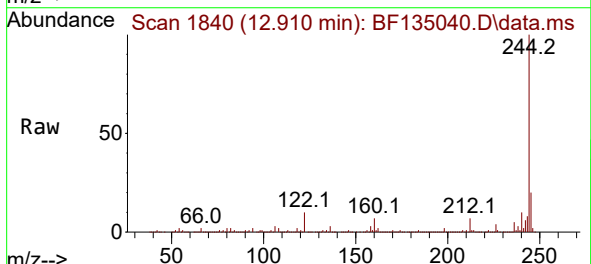
Tgt Ion:202 Resp: 1209930
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.9 14.2 21.2

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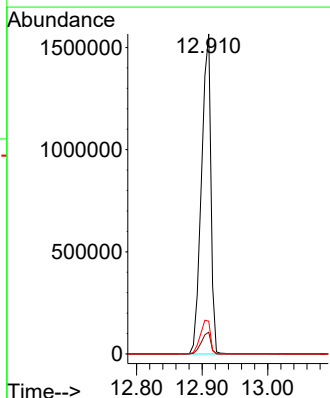
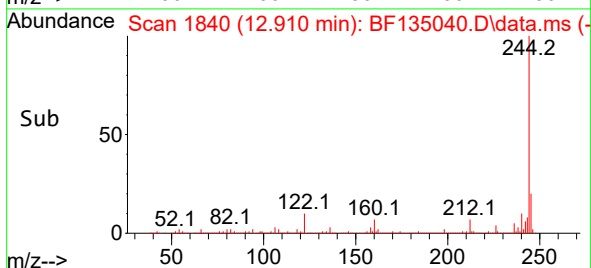
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

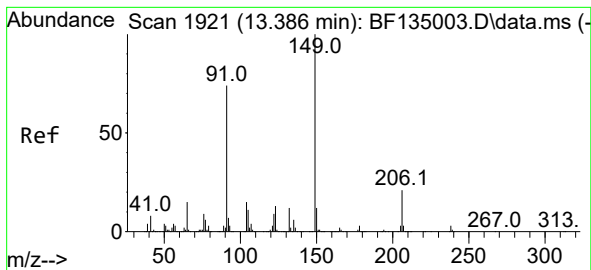


#79
Terphenyl-d14
Concen: 84.648 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20



Tgt Ion:244 Resp: 1564390
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.2 9.8 14.6





#80
Butylbenzylphthalate
Concen: 46.726 ng
RT: 13.386 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

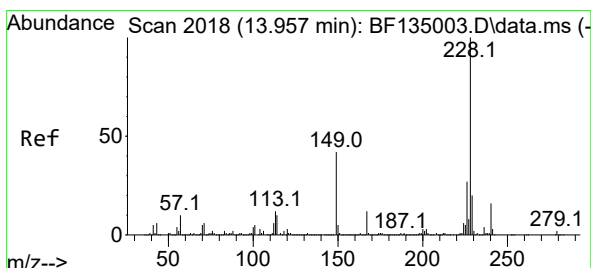
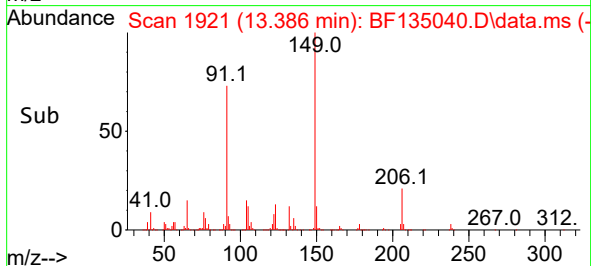
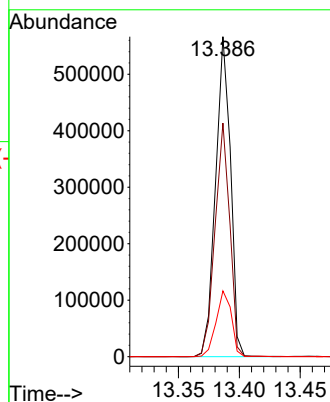
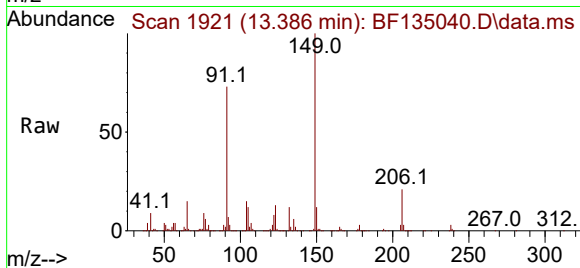
PB155118BS

Tgt Ion:149 Resp: 483364
Ion Ratio Lower Upper
149 100
91 73.0 59.0 88.6
206 20.5 16.7 25.1

Manual Integrations

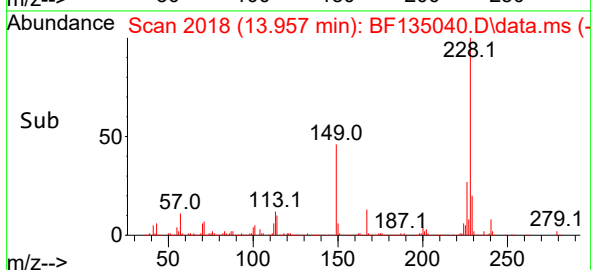
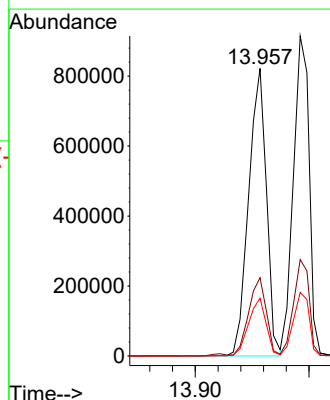
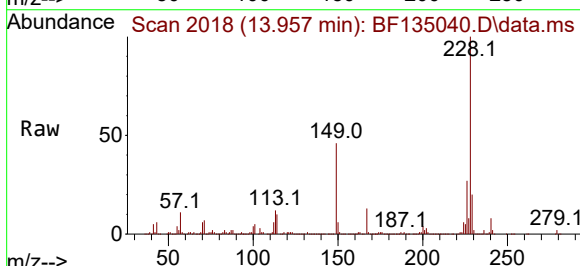
APPROVED

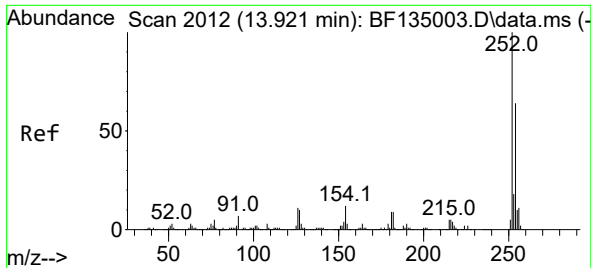
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#81
Benzo(a)anthracene
Concen: 43.377 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Tgt Ion:228 Resp: 892388
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 20.1 15.6 23.4





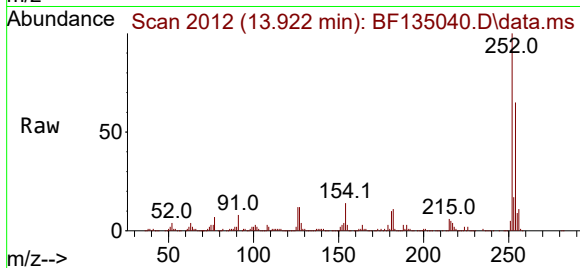
#82
3,3'-Dichlorobenzidine
Concen: 49.088 ng
RT: 13.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS

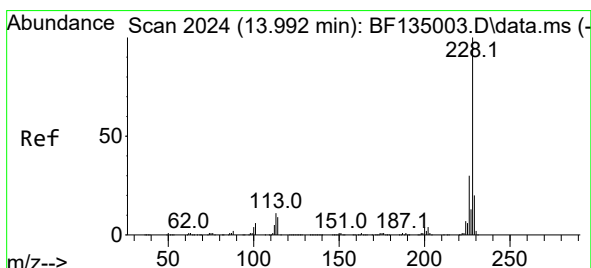
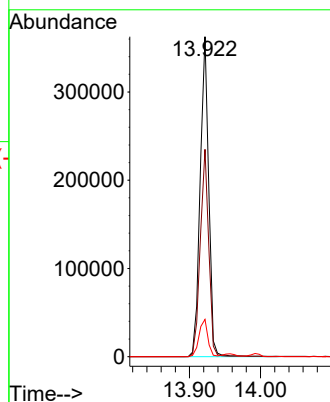
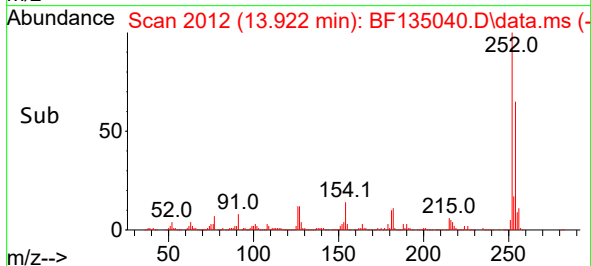


Tgt Ion:252 Resp: 304734
Ion Ratio Lower Upper
252 100
254 64.8 51.3 76.9
126 11.6 8.6 12.8

Manual Integrations

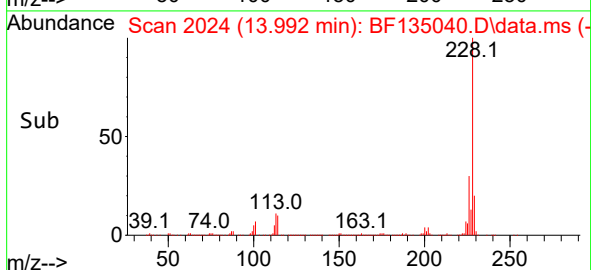
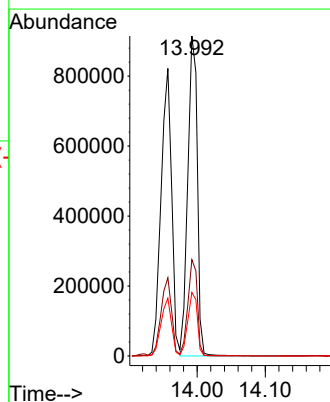
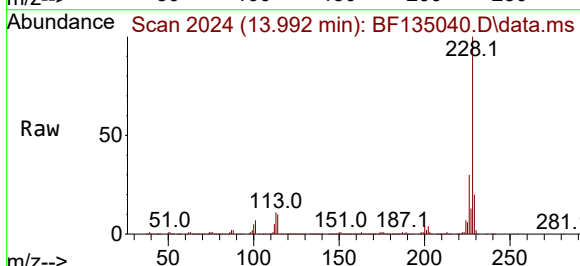
APPROVED

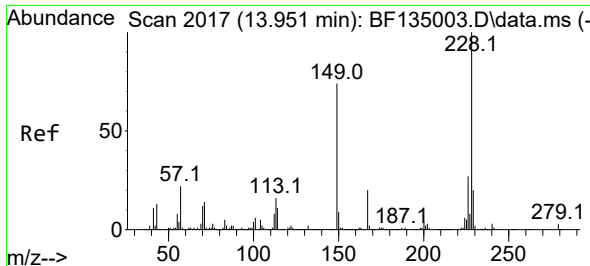
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#83
Chrysene
Concen: 43.799 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Tgt Ion:228 Resp: 885545
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 19.9 15.9 23.9





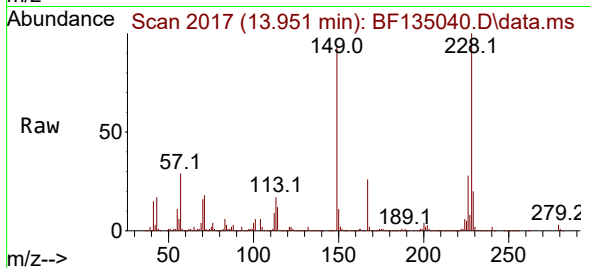
#84
Bis(2-ethylhexyl)phthalate
Concen: 50.508 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS

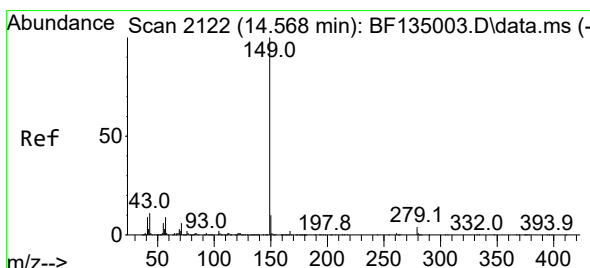
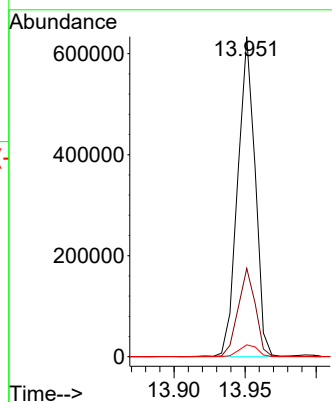
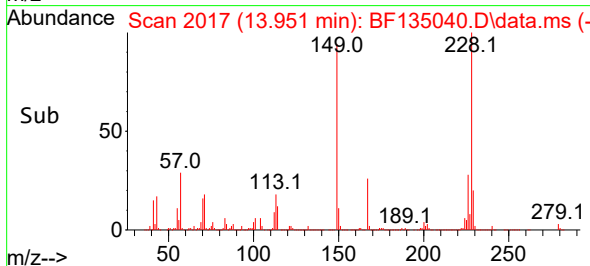


Tgt Ion:149 Resp: 540720
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.0
279 3.7 3.0 4.6

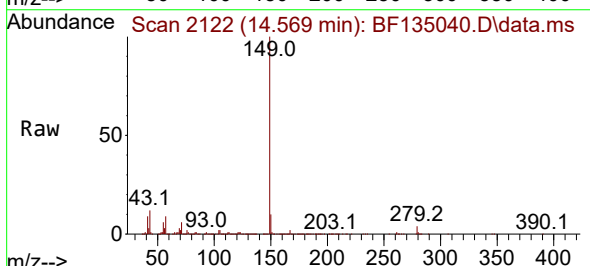
Manual Integrations

APPROVED

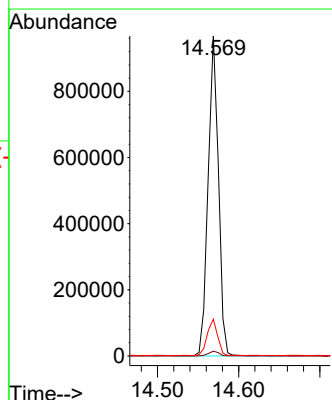
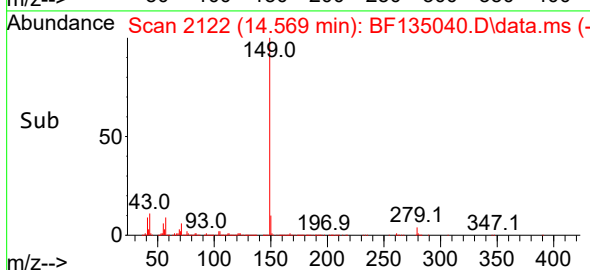
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

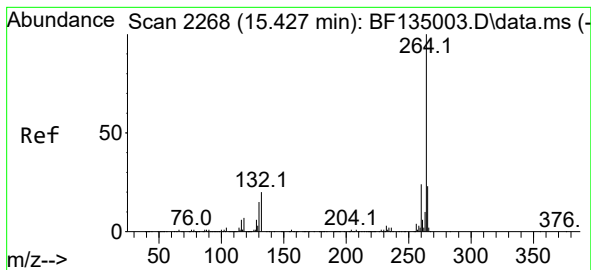


#85
Di-n-octyl phthalate
Concen: 52.157 ng
RT: 14.569 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20



Tgt Ion:149 Resp: 852282
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.4 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: BF135040.D
Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

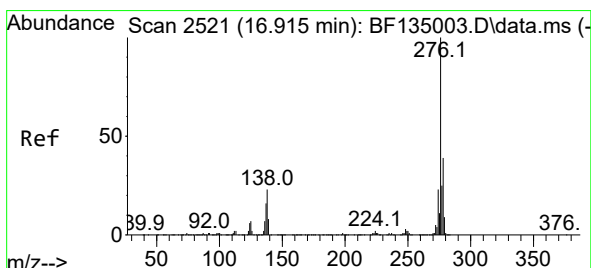
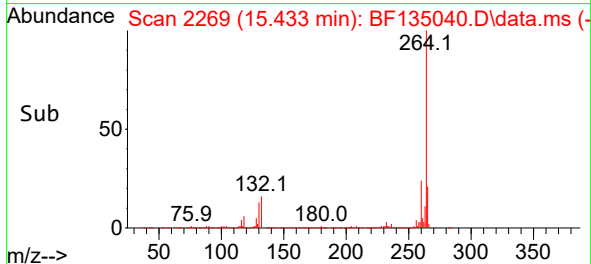
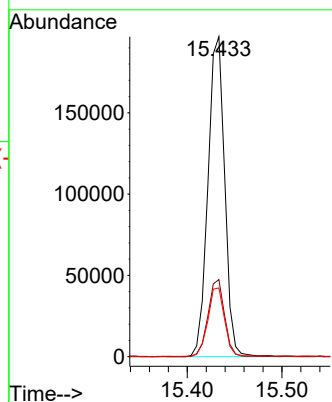
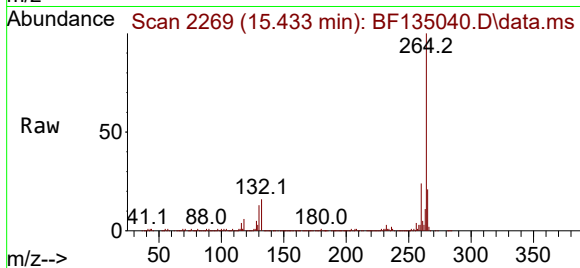
PB155118BS

Tgt Ion:264 Resp: 242140
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.5 18.2 27.2

Manual Integrations

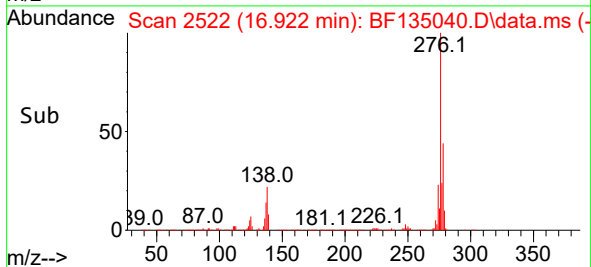
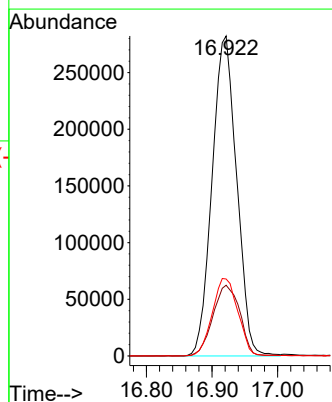
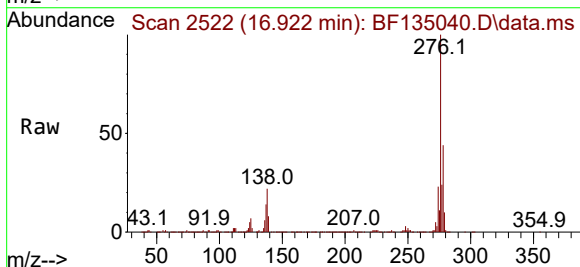
APPROVED

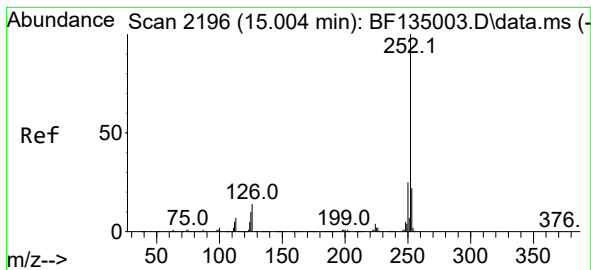
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 44.999 ng
RT: 16.922 min Scan# 2522
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

Tgt Ion:276 Resp: 733936
Ion Ratio Lower Upper
276 100
138 24.4 20.2 30.2
277 25.5 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 50.429 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

Instrument :

BNA_F

ClientSampleId :

PB155118BS

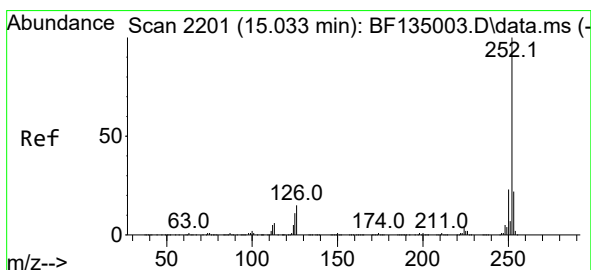
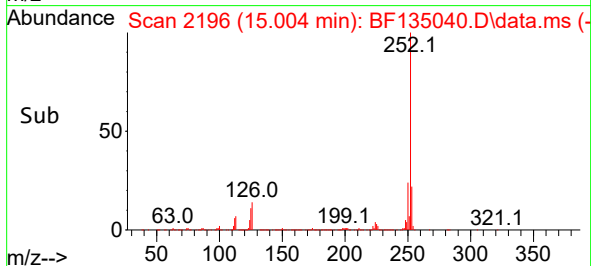
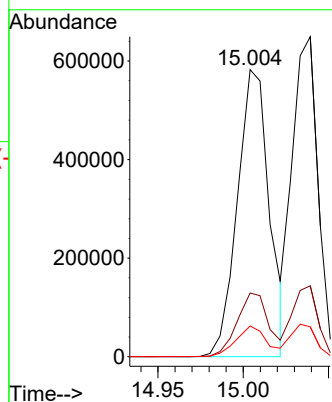
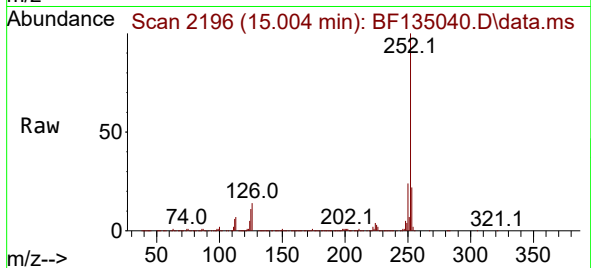
Tgt Ion:252 Resp: 75978
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.8
 125 10.7 8.4 12.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#89

Benzo(k)fluoranthene

Concen: 46.968 ng

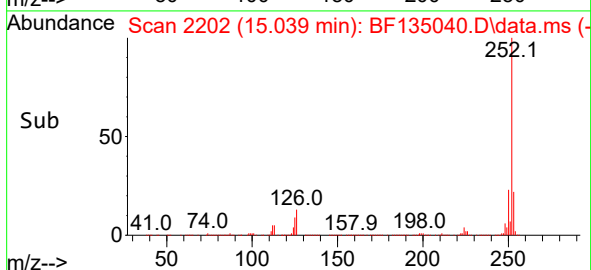
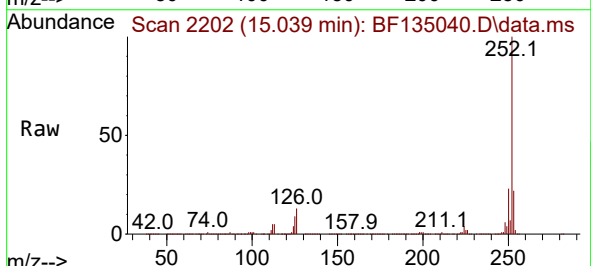
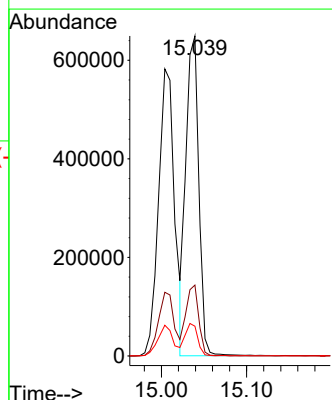
RT: 15.039 min Scan# 2202

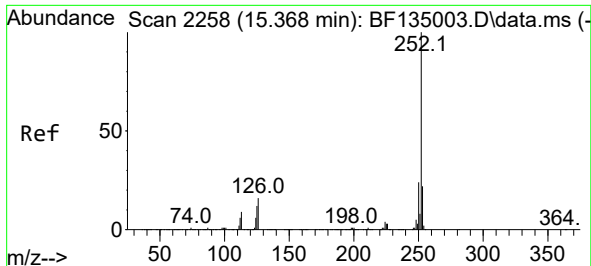
Delta R.T. 0.006 min

Lab File: BF135040.D

Acq: 31 Aug 2023 14:20

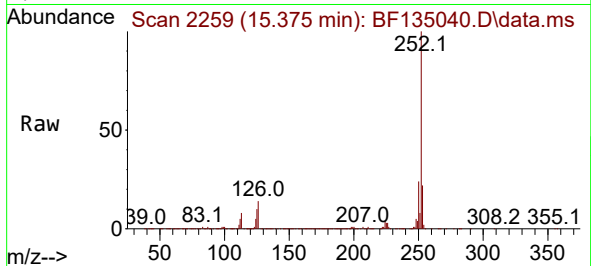
Tgt Ion:252 Resp: 683642
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.0
 125 9.3 8.5 12.7





#90
Benzo(a)pyrene
Concen: 43.939 ng
RT: 15.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20

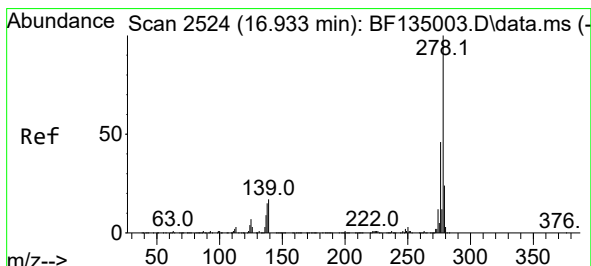
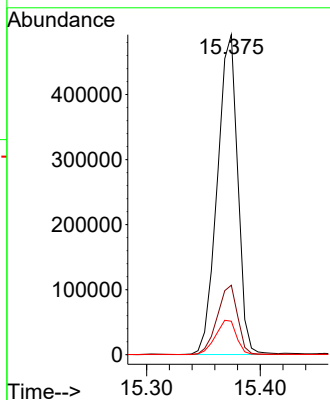
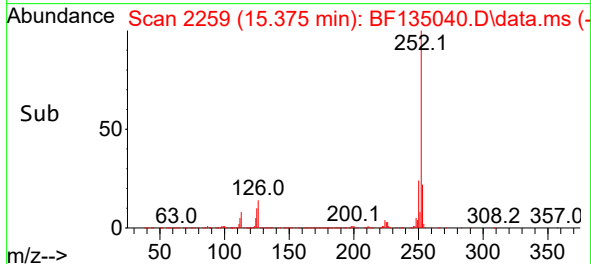
Instrument :
BNA_F
ClientSampleId :
PB155118BS



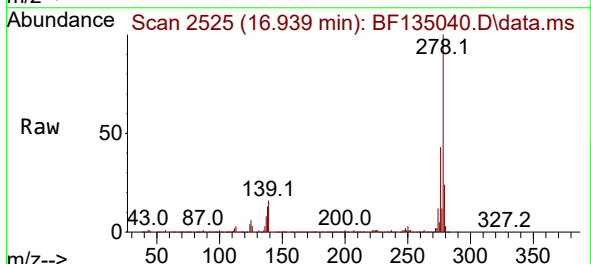
Tgt Ion:252 Resp: 61497
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.5 9.5 14.3

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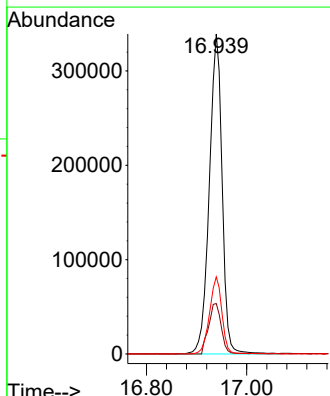
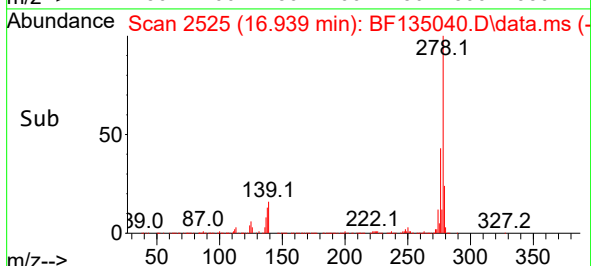
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

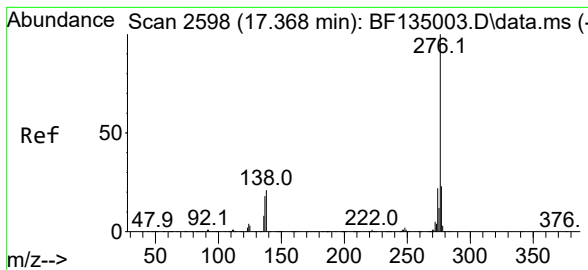


#91
Dibenzo(a,h)anthracene
Concen: 45.583 ng
RT: 16.939 min Scan# 2525
Delta R.T. 0.006 min
Lab File: BF135040.D
Acq: 31 Aug 2023 14:20



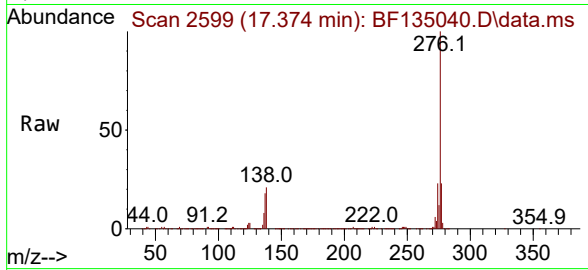
Tgt Ion:278 Resp: 602131
Ion Ratio Lower Upper
278 100
139 15.8 13.4 20.2
279 24.1 19.5 29.3





#92
 Benzo(g,h,i)perylene
 Concen: 45.017 ng
 RT: 17.374 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135040.D
 Acq: 31 Aug 2023 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB155118BS



Tgt Ion:276 Resp: 61848
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.5 27.7
 138 20.7 17.1 25.7

Manual Integrations
 APPROVED

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

