

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134983.D
 Acq On : 29 Aug 2023 14:41
 Operator : CG\JU
 Sample : PB155083BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155083BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023

Quant Time: Aug 29 22:25:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	113617	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	469135	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	248499	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	467384	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	229856	20.000	ng	-0.01
86) Perylene-d12	15.439	264	221402	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	918176	128.869	ng	0.00
7) Phenol-d6	6.434	99	1158293	127.225	ng	0.00
23) Nitrobenzene-d5	7.351	82	750588	88.162	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	368395	125.874	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1377105	85.669	ng	-0.01
79) Terphenyl-d14	12.916	244	1532906	91.725	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	113665	36.760	ng	98
3) Pyridine	3.351	79	294043	35.288	ng	98
4) n-Nitrosodimethylamine	3.310	42	173603	47.122	ng	99
6) Aniline	6.451	93	471261	41.881	ng	# 89
8) 2-Chlorophenol	6.575	128	373924	50.015	ng	97
9) Benzaldehyde	6.340	77	226364	45.334	ng	97
10) Phenol	6.445	94	445210	47.763	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	334780	47.348	ng	99
12) 1,3-Dichlorobenzene	6.728	146	383473	49.179	ng	99
13) 1,4-Dichlorobenzene	6.804	146	387019	49.590	ng	98
14) 1,2-Dichlorobenzene	6.957	146	372102	51.438	ng	97
15) Benzyl Alcohol	6.934	79	323909	51.204	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	473817	46.276	ng	99
17) 2-Methylphenol	7.045	107	294126	45.458	ng	98
18) Hexachloroethane	7.292	117	141839	50.217	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	244586	45.999	ng	99
20) 3+4-Methylphenols	7.198	107	351567	45.842	ng	98
22) Acetophenone	7.198	105	479101	46.205	ng	99
24) Nitrobenzene	7.369	77	385586	45.135	ng	98
25) Isophorone	7.610	82	693569	43.627	ng	99
26) 2-Nitrophenol	7.686	139	200038	47.034	ng	95
27) 2,4-Dimethylphenol	7.728	122	322126	46.437	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	419197	44.242	ng	99
29) 2,4-Dichlorophenol	7.928	162	312329	45.569	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	337328	46.359	ng	98
31) Naphthalene	8.086	128	1067457	45.569	ng	100
32) Benzoic acid	7.857	122	239624	46.808	ng	96
33) 4-Chloroaniline	8.139	127	362817	36.098	ng	97
34) Hexachlorobutadiene	8.204	225	200538	46.339	ng	98
35) Caprolactam	8.516	113	104441m	48.814	ng	
36) 4-Chloro-3-methylphenol	8.628	107	342337	47.331	ng	97
37) 2-Methylnaphthalene	8.781	142	688614	44.080	ng	99
38) 1-Methylnaphthalene	8.881	142	637499	43.641	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	327767	43.286	ng	99
41) Hexachlorocyclopentadiene	8.933	237	353317	105.390	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	222895	44.571	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	241656	41.738	ng	98
46) 1,1'-Biphenyl	9.245	154	851410	43.398	ng	100
47) 2-Chloronaphthalene	9.269	162	653763	44.622	ng	97
48) 2-Nitroaniline	9.369	65	220198	45.721	ng	94
49) Acenaphthylene	9.686	152	1011862	44.846	ng	100
50) Dimethylphthalate	9.557	163	775011	43.815	ng	98
51) 2,6-Dinitrotoluene	9.616	165	178757	45.820	ng	94
52) Acenaphthene	9.857	154	625032	43.973	ng	99
53) 3-Nitroaniline	9.786	138	167831	39.386	ng	97
54) 2,4-Dinitrophenol	9.898	184	196328	106.358	ng	# 86
55) Dibenzofuran	10.033	168	904874	43.725	ng	97
56) 4-Nitrophenol	9.957	139	288540	97.167	ng	92
57) 2,4-Dinitrotoluene	10.022	165	227728	47.200	ng	90
58) Fluorene	10.375	166	709120	45.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	210376	46.637	ng	99
60) Diethylphthalate	10.257	149	732013	45.169	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	350058	44.490	ng	97
62) 4-Nitroaniline	10.404	138	185466	46.560	ng	97
63) Azobenzene	10.533	77	714773	44.398	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	135967	49.302	ng	95
66) n-Nitrosodiphenylamine	10.492	169	638026	42.391	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	225777	41.871	ng	92
68) Hexachlorobenzene	10.927	284	261461	45.592	ng	95
69) Atrazine	11.027	200	223052	54.575	ng	99
70) Pentachlorophenol	11.122	266	269597	78.116	ng	98
71) Phenanthrene	11.345	178	1089368	44.479	ng	99
72) Anthracene	11.398	178	1106658	44.100	ng	100
73) Carbazole	11.551	167	956756	46.269	ng	99
74) Di-n-butylphthalate	11.886	149	1079883	45.534	ng	100
75) Fluoranthene	12.533	202	1100905	47.440	ng	99
77) Benzidine	12.663	184	496193	133.050	ng	99
78) Pyrene	12.769	202	1087782	44.635	ng	100
80) Butylbenzylphthalate	13.392	149	373068	50.244	ng	99
81) Benzo(a)anthracene	13.957	228	698748	44.556	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	210085	42.325	ng	# 98
83) Chrysene	13.998	228	662252	42.799	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	408691	50.812	ng	99
85) Di-n-octyl phthalate	14.574	149	563389	42.955	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	740119	46.767	ng	99
88) Benzo(b)fluoranthene	15.010	252	598389	47.904	ng	98
89) Benzo(k)fluoranthene	15.039	252	597322	48.696	ng	99
90) Benzo(a)pyrene	15.374	252	549965	44.103	ng	100
91) Dibenzo(a,h)anthracene	16.951	278	598688	46.755	ng	100
92) Benzo(g,h,i)perylene	17.386	276	602805	45.987	ng	98

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

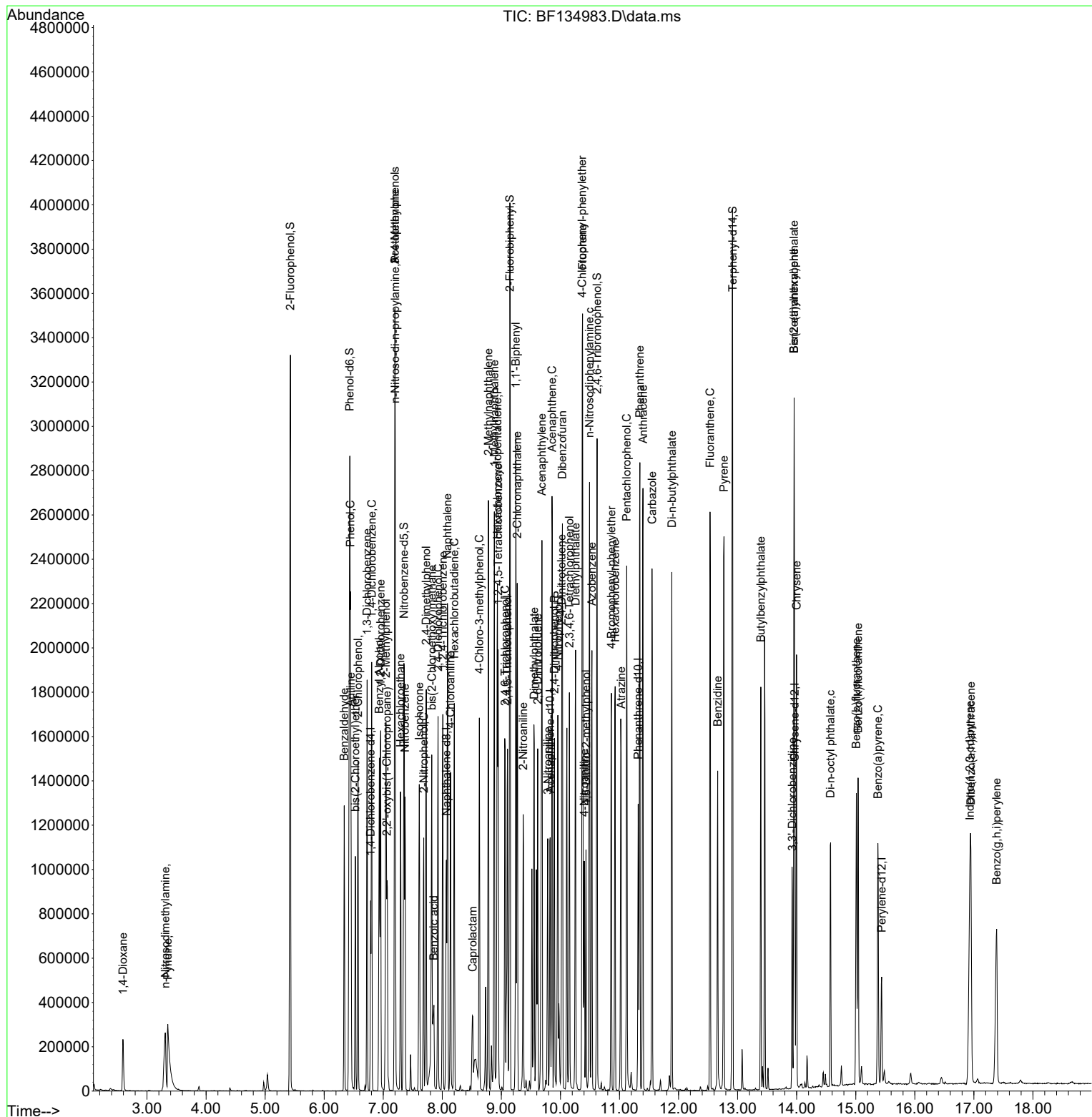
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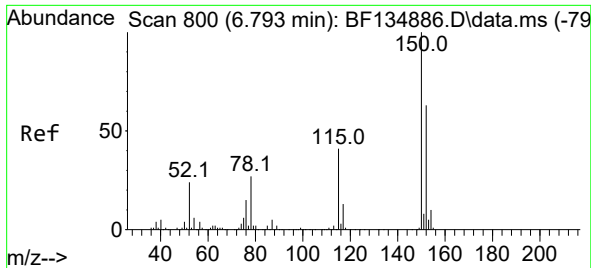
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

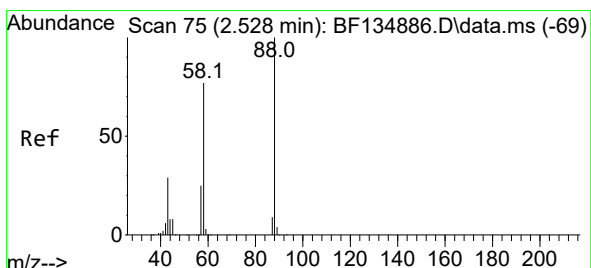
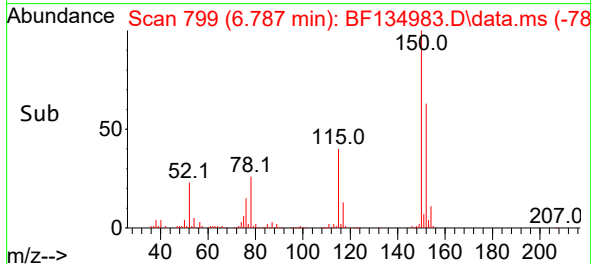
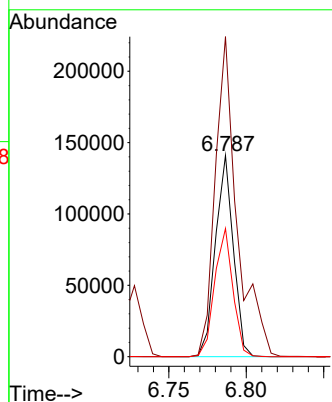
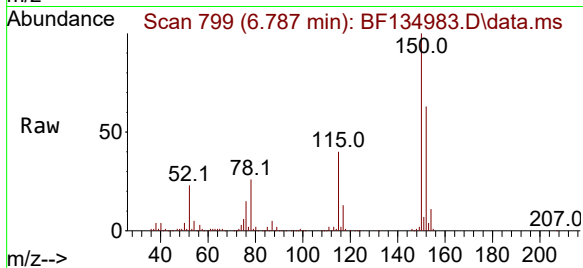
ClientSampleId :

PB155083BS

Tgt Ion:152 Resp: 11361
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.1 189.1
 115 63.7 51.1 76.7

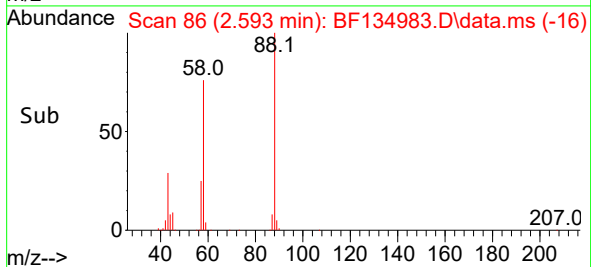
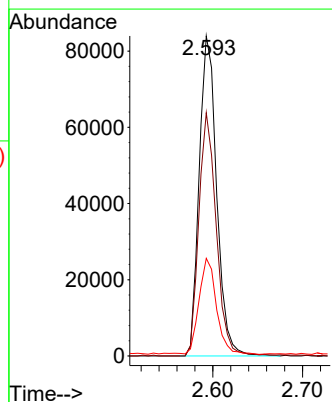
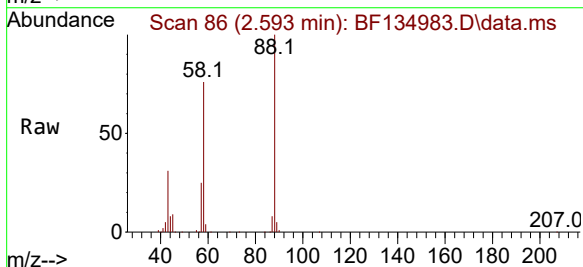
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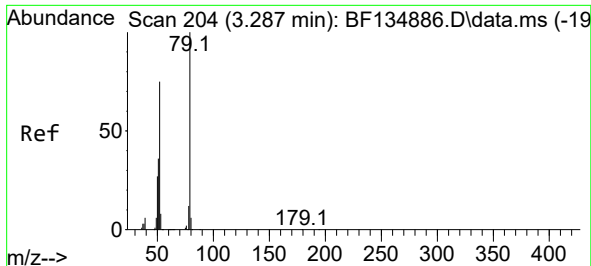
Reviewed By :Yogesh Patel 08/30/2023
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#2
 1,4-Dioxane
 Concen: 36.760 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.065 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

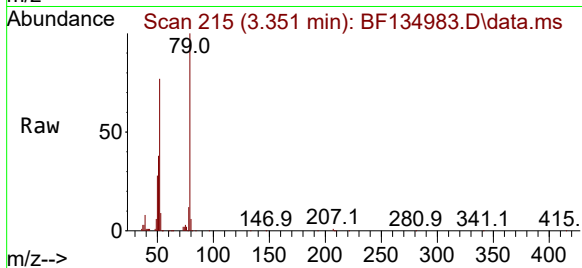
Tgt Ion: 88 Resp: 113665
 Ion Ratio Lower Upper
 88 100
 58 75.8 62.6 93.8
 43 29.8 23.3 34.9





#3
Pyridine
Concen: 35.288 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.065 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

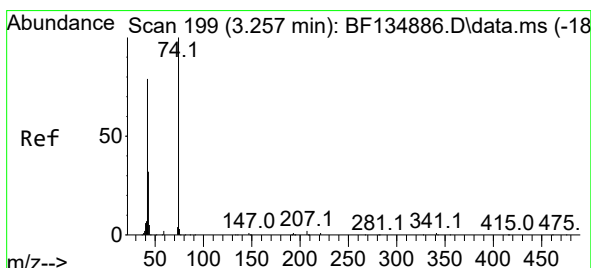
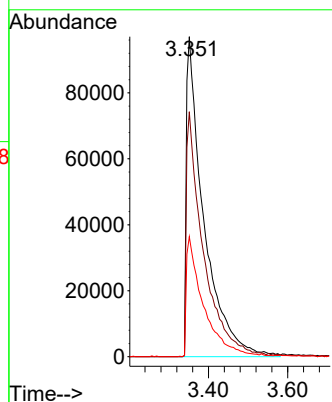
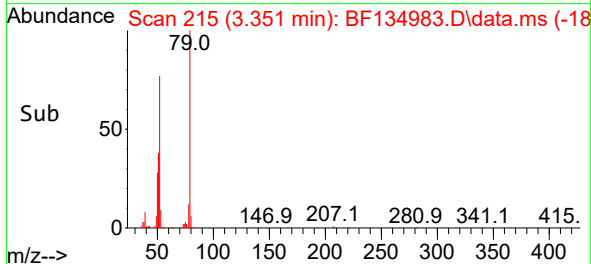
Instrument :
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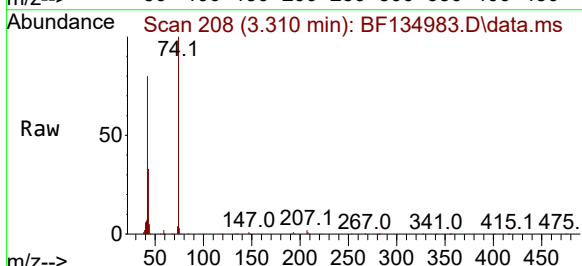
Tgt Ion: 79 Resp: 29404
Ion Ratio Lower Upper
79 100
52 76.6 60.1 90.1
51 37.5 29.4 44.0

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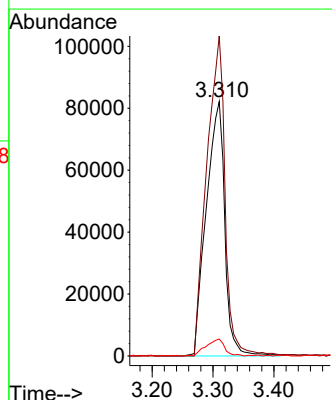
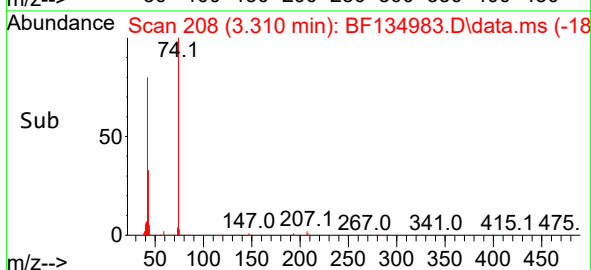
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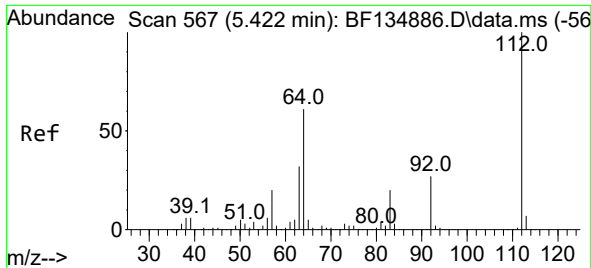


#4
n-Nitrosodimethylamine
Concen: 47.122 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.053 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41



Tgt Ion: 42 Resp: 173603
Ion Ratio Lower Upper
42 100
74 125.8 101.8 152.8
44 6.7 5.4 8.0





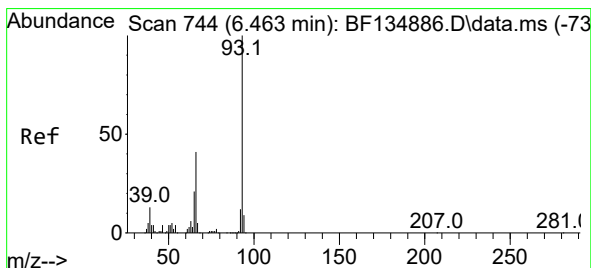
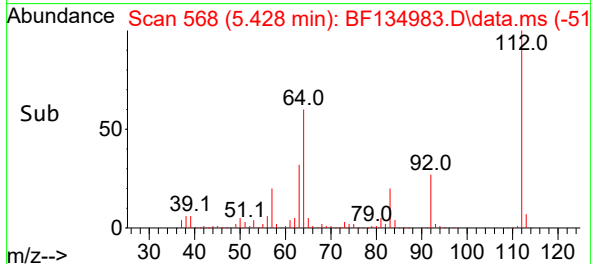
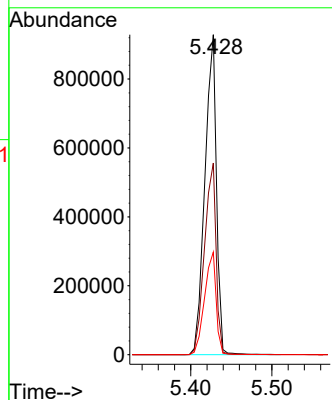
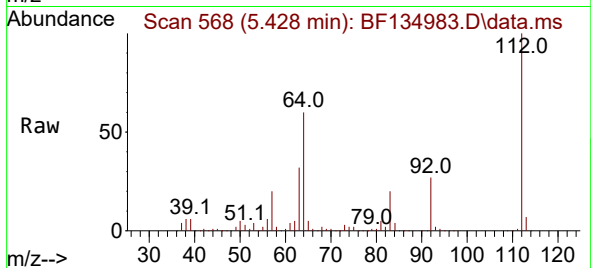
#5
2-Fluorophenol
Concen: 128.869 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 918170
Ion Ratio Lower Upper
112 100
64 59.9 48.6 73.0
63 32.1 25.7 38.5

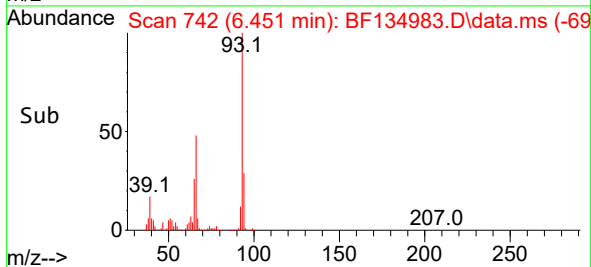
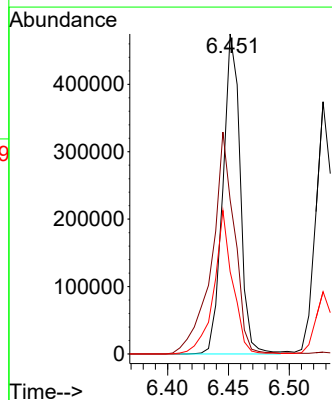
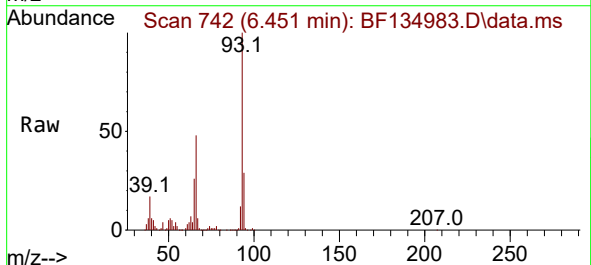
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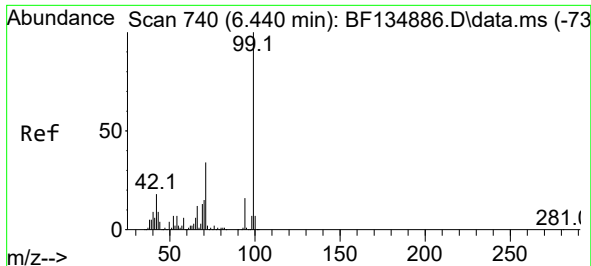
Reviewed By :Yogesh Patel 08/30/2023
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#6
Aniline
Concen: 41.881 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

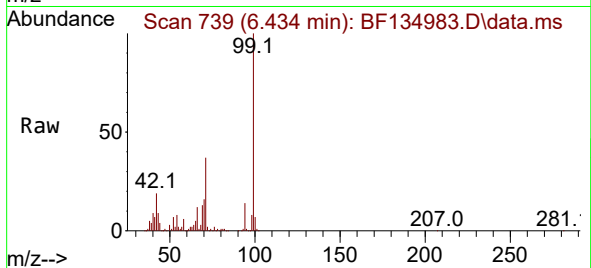
Tgt Ion: 93 Resp: 471261
Ion Ratio Lower Upper
93 100
66 48.2 32.7 49.1
65 25.7 16.7 25.1#





#7
Phenol-d6
Concen: 127.225 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF134983.D
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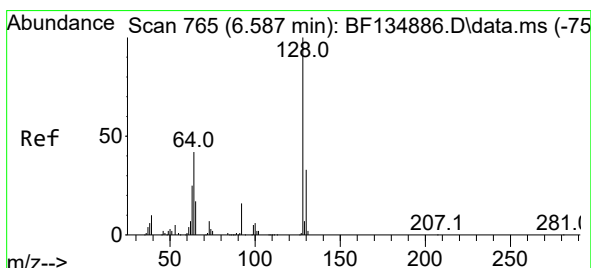
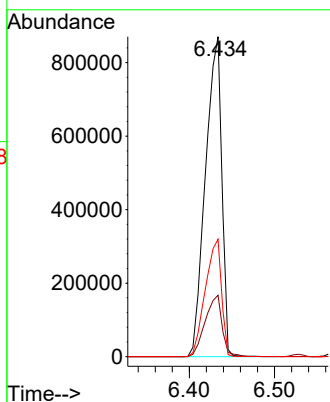
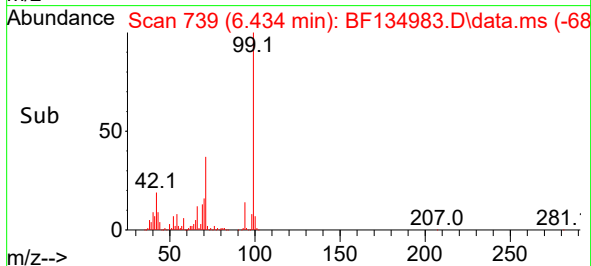
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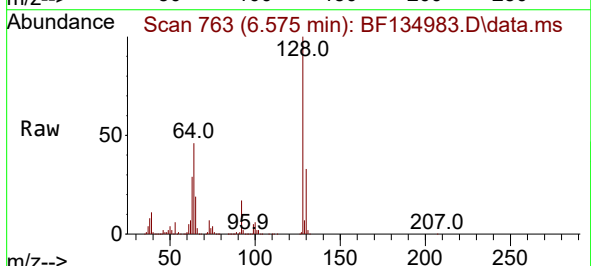
Tgt Ion: 99 Resp: 115829
Ion Ratio Lower Upper
99 100
42 19.2 14.6 22.0
71 36.7 27.6 41.4

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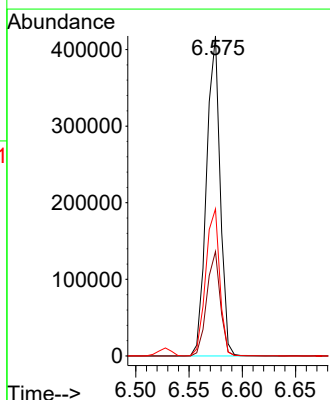
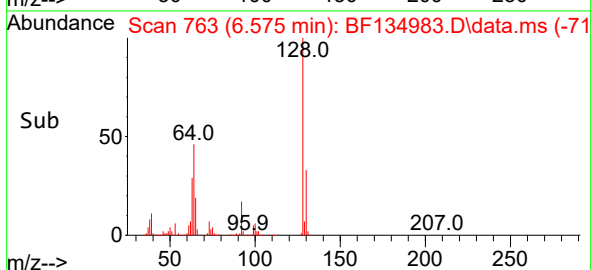
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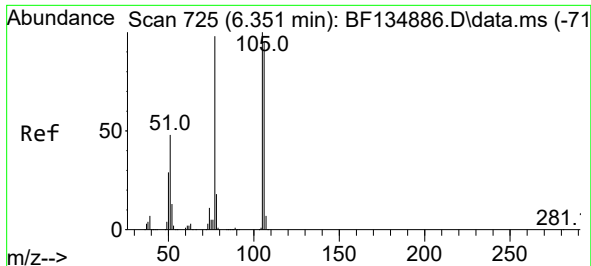


#8
2-Chlorophenol
Concen: 50.015 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF134983.D
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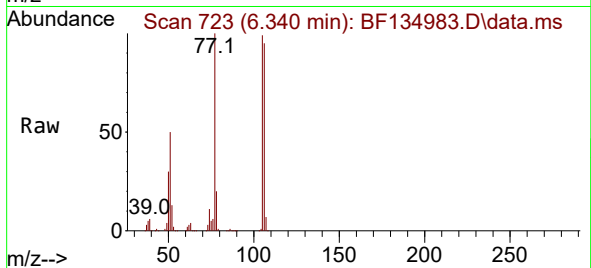
Tgt Ion:128 Resp: 373924
Ion Ratio Lower Upper
128 100
130 32.7 13.0 53.0
64 45.9 23.4 63.4





#9
Benzaldehyde
Concen: 45.334 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF134983.D
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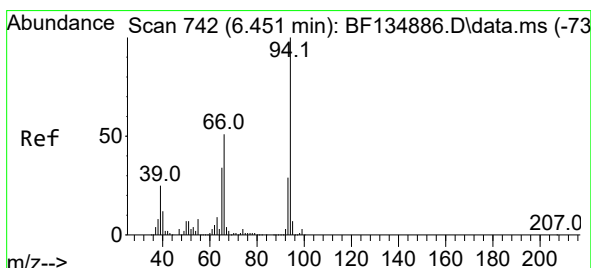
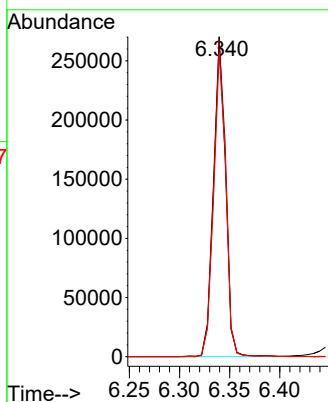
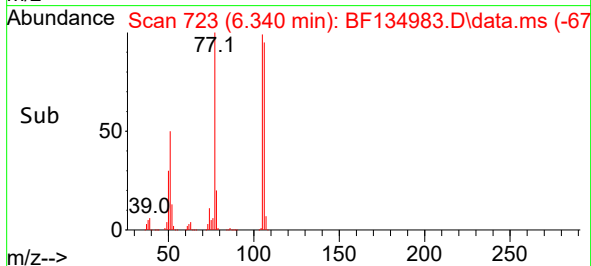
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Tgt Ion: 77 Resp: 226364
Ion Ratio Lower Upper
77 100
105 99.0 82.4 122.4
106 94.7 77.2 117.2

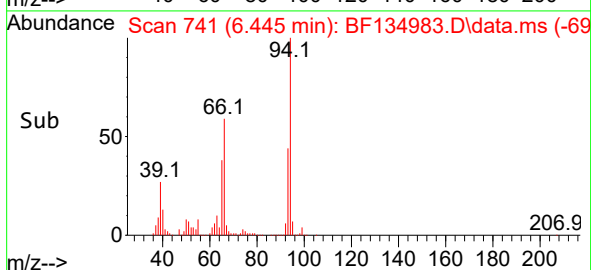
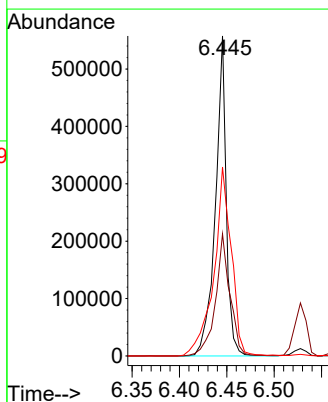
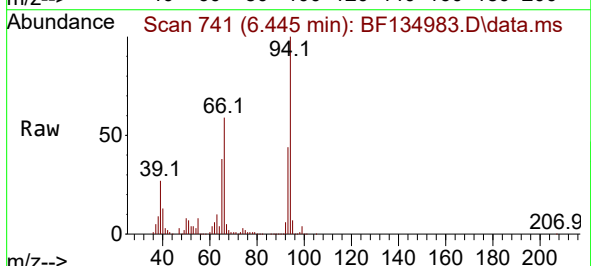
Manual Integrations
APPROVED

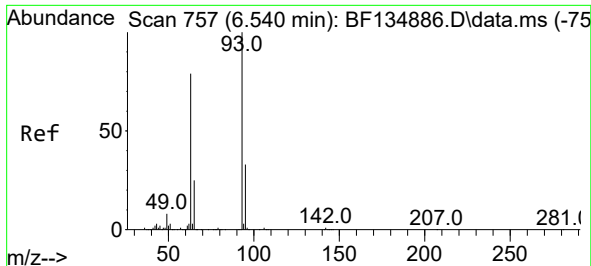
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#10
Phenol
Concen: 47.763 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

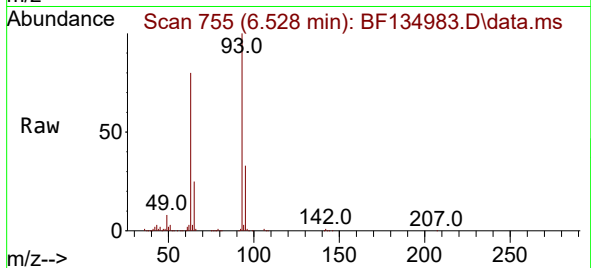
Tgt Ion: 94 Resp: 445210
Ion Ratio Lower Upper
94 100
65 38.2 14.0 54.0
66 59.0 31.1 71.1





#11
bis(2-Chloroethyl)ether
Concen: 47.348 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

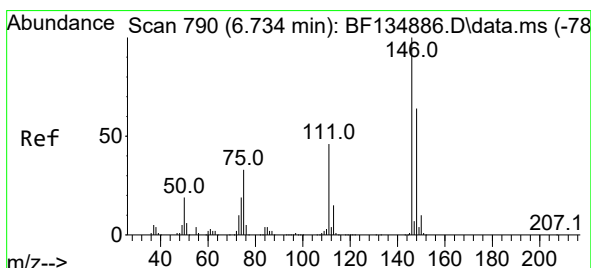
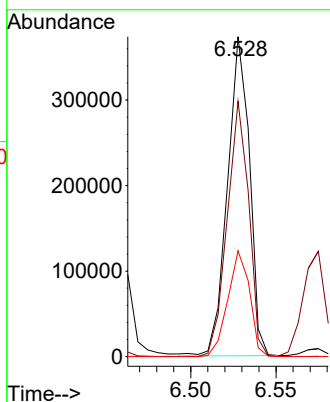
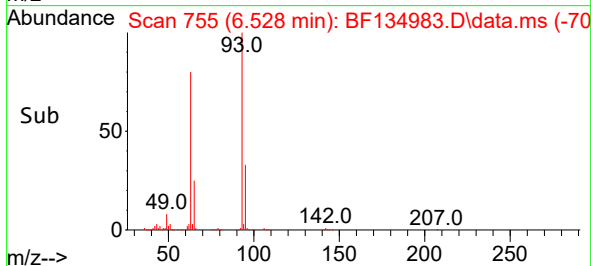
Instrument :
BNA_F
ClientSampleId :
PB155083BS



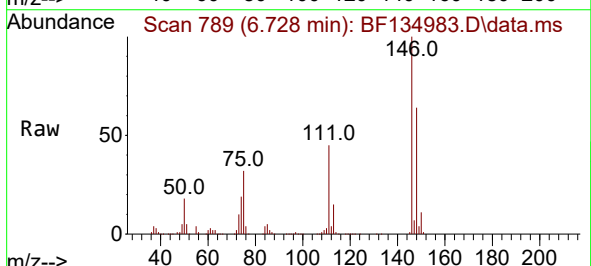
Tgt Ion: 93 Resp: 334780
Ion Ratio Lower Upper
93 100
63 79.8 58.7 98.7
95 33.1 12.4 52.4

Manual Integrations
APPROVED

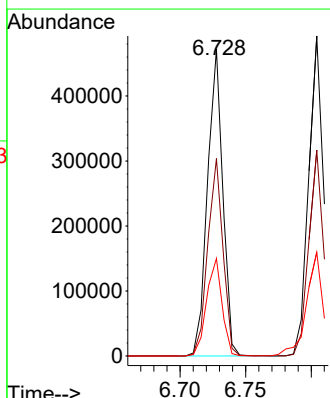
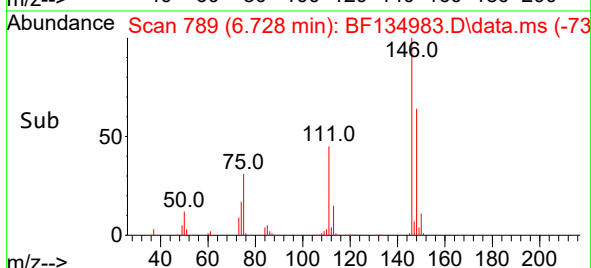
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

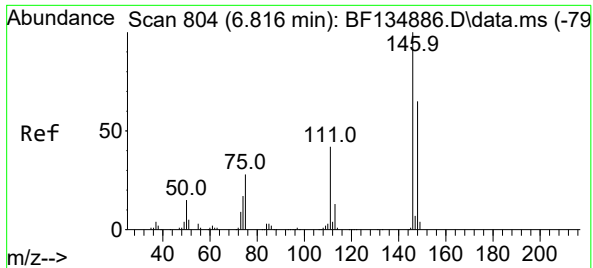


#12
1,3-Dichlorobenzene
Concen: 49.179 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41



Tgt Ion:146 Resp: 383473
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 31.8 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 49.590 ng

RT: 6.804 min Scan# 804

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

Tgt Ion:146 Resp: 387019

Ion Ratio Lower Upper

146 100

148 64.3 52.1 78.1

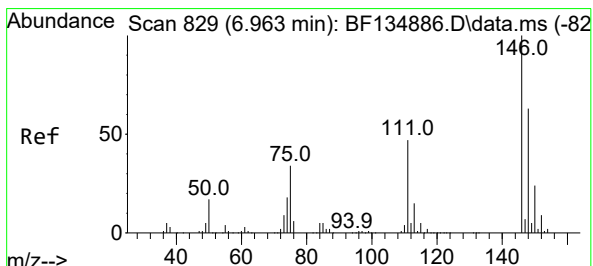
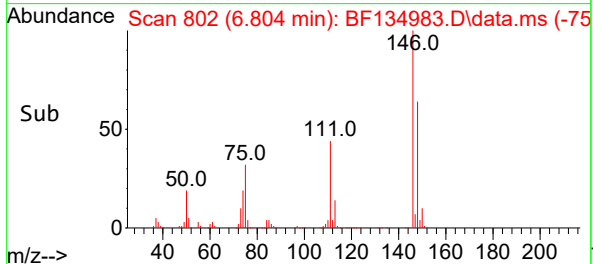
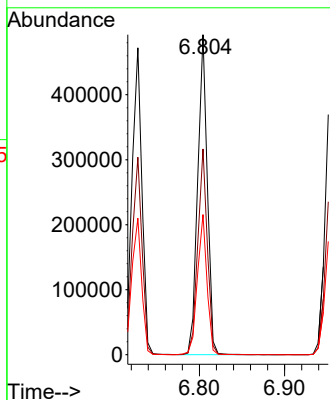
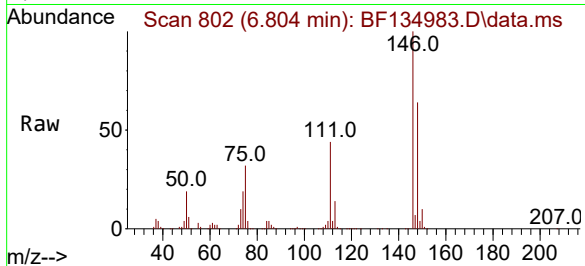
111 43.8 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#14

1,2-Dichlorobenzene

Concen: 51.438 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

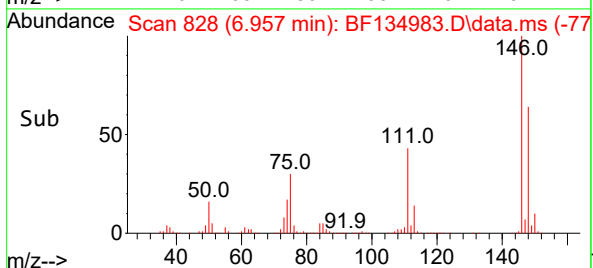
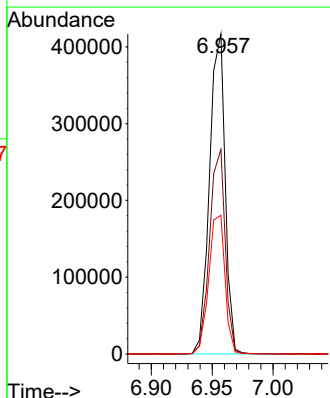
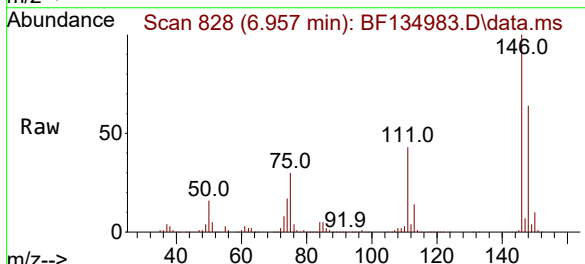
Tgt Ion:146 Resp: 372102

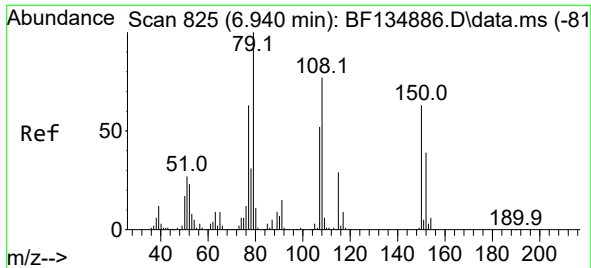
Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

111 43.4 37.5 56.3





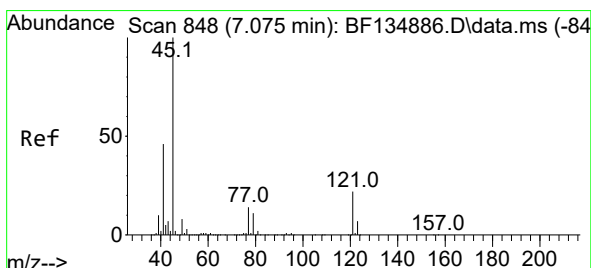
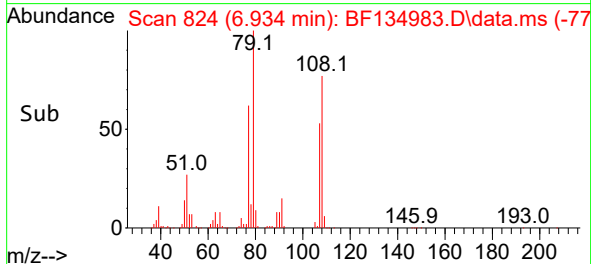
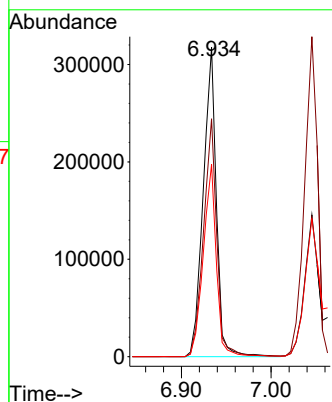
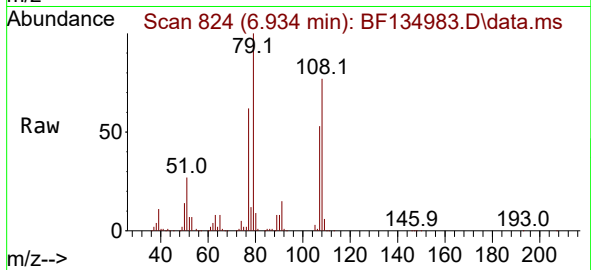
#15
Benzyl Alcohol
Concen: 51.204 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :
BNA_F
ClientSampleId :
PB155083BS

Tgt Ion: 79 Resp: 323909
Ion Ratio Lower Upper
79 100
108 76.8 61.4 92.2
77 62.1 50.1 75.1

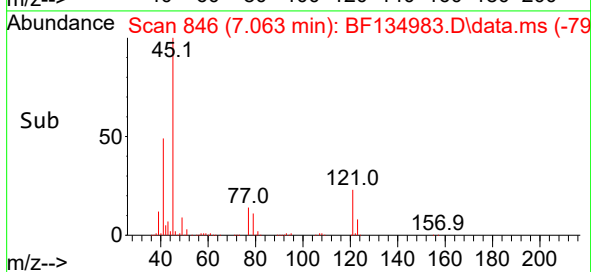
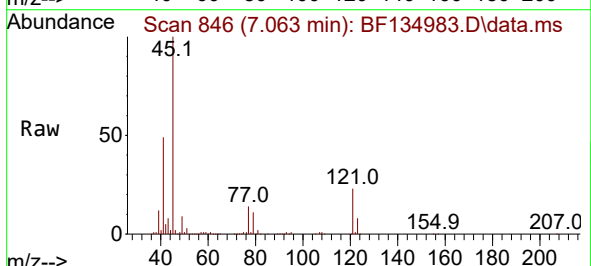
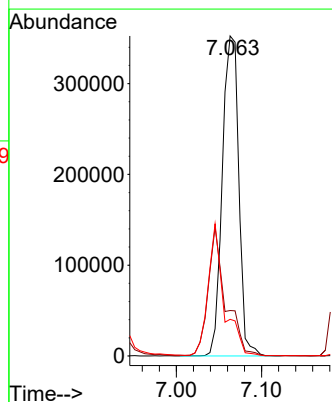
Manual Integrations
APPROVED

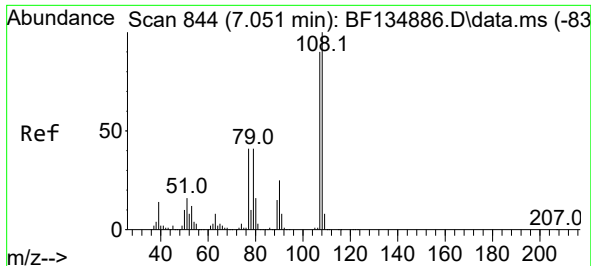
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.276 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion: 45 Resp: 473817
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.9
79 11.4 0.0 31.1





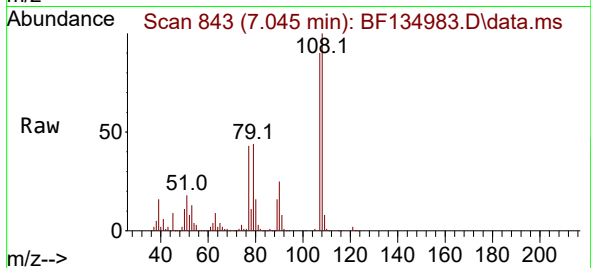
#17
2-Methylphenol
Concen: 45.458 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

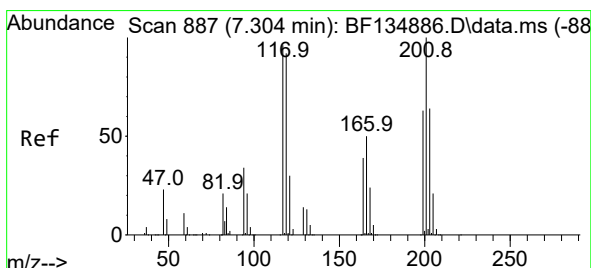
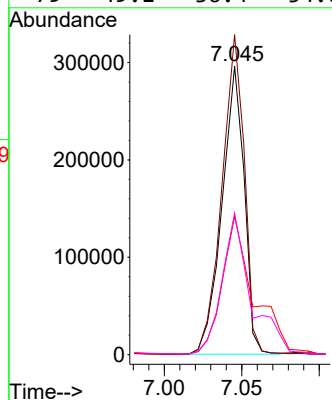
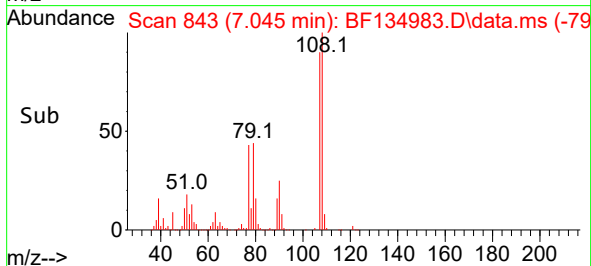


Tgt Ion:107 Resp: 294120
Ion Ratio Lower Upper
107 100
108 110.9 89.0 133.6
77 47.9 36.5 54.7
79 49.1 36.4 54.6

Manual Integrations

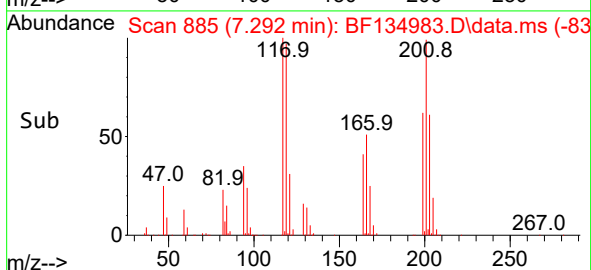
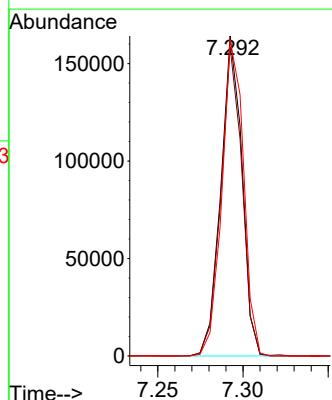
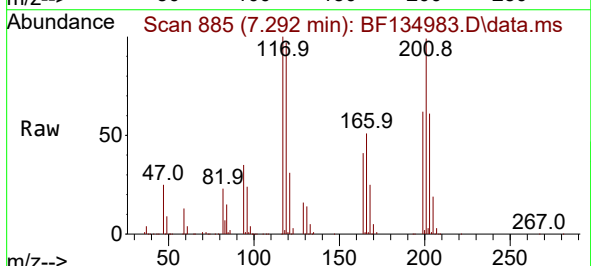
APPROVED

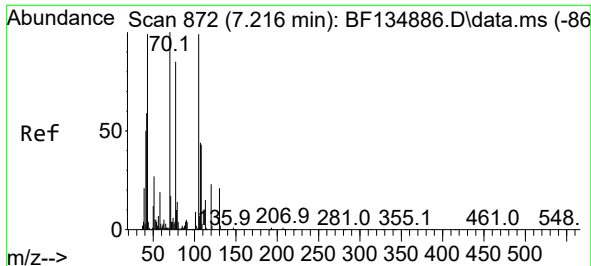
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#18
Hexachloroethane
Concen: 50.217 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:117 Resp: 141839
Ion Ratio Lower Upper
117 100
119 96.6 76.6 114.8
201 98.7 83.4 125.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.999 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF134983.D

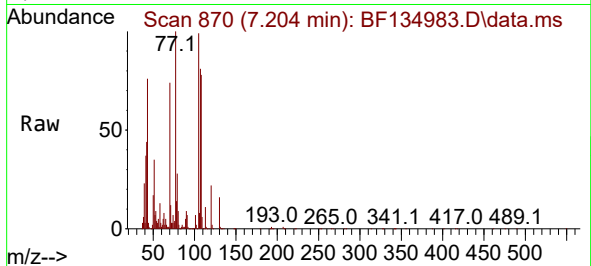
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS



Tgt Ion: 70 Resp: 244586

Ion Ratio Lower Upper

70 100

42 59.2 46.9 70.3

101 9.9 7.5 11.3

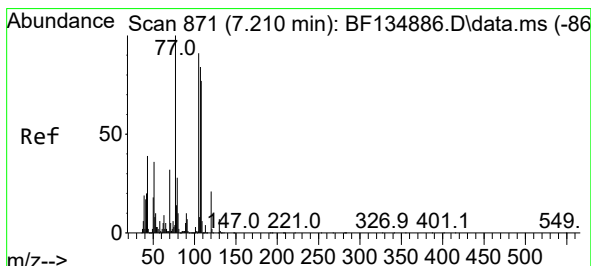
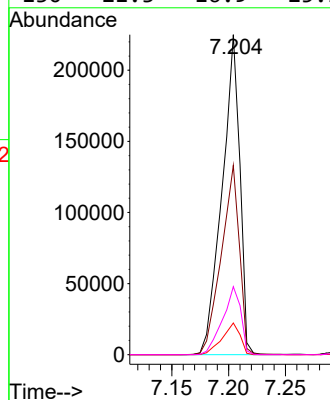
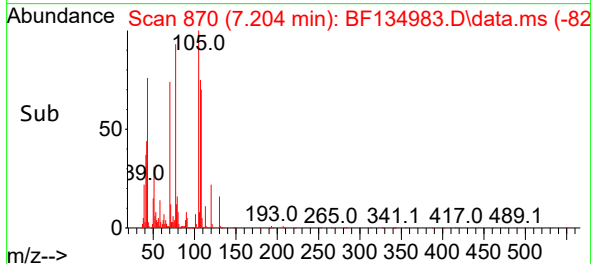
130 21.3 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#20

3+4-Methylphenols

Concen: 45.842 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Tgt Ion:107 Resp: 351567

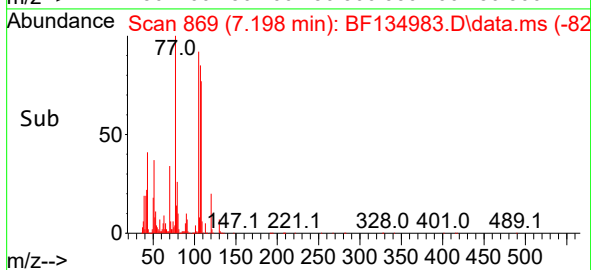
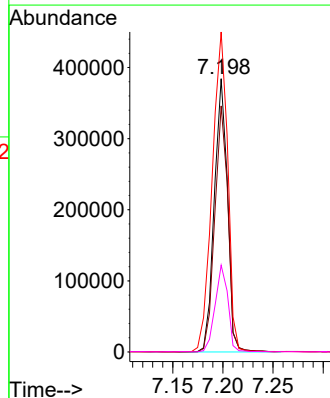
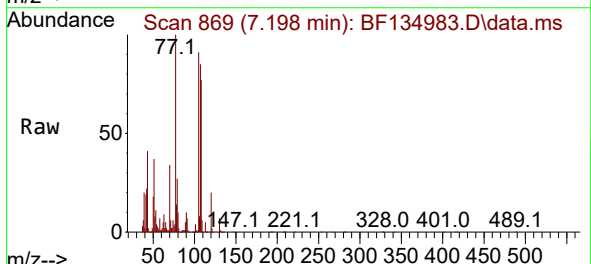
Ion Ratio Lower Upper

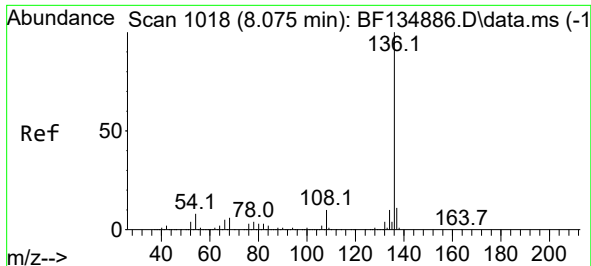
107 100

108 90.0 71.7 111.7

77 117.1 98.4 138.4

79 31.8 13.2 53.2





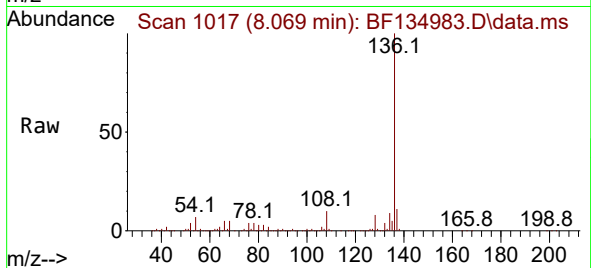
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

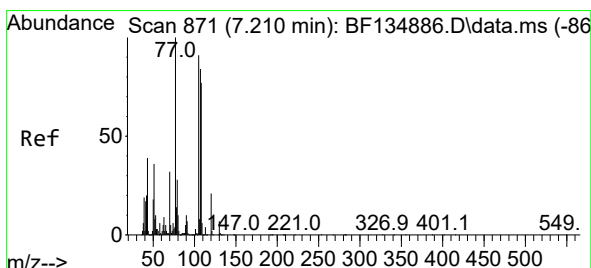
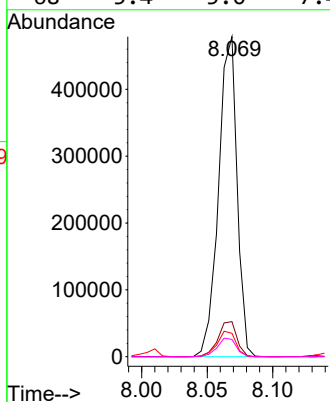
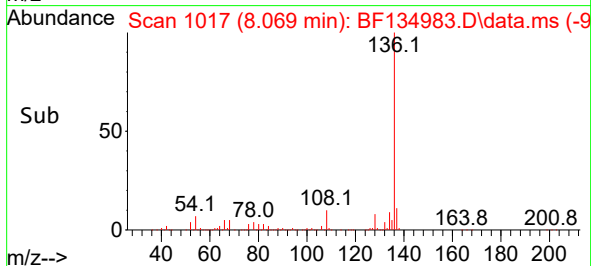


Tgt Ion:136 Resp: 469135
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 6.6 9.8
68 5.4 5.0 7.4

Manual Integrations

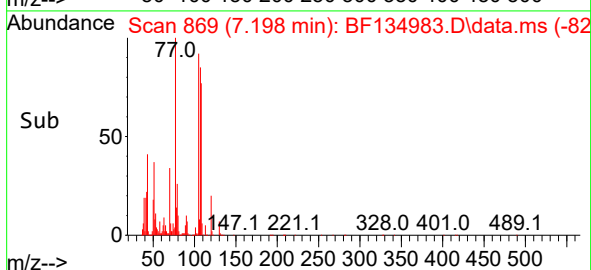
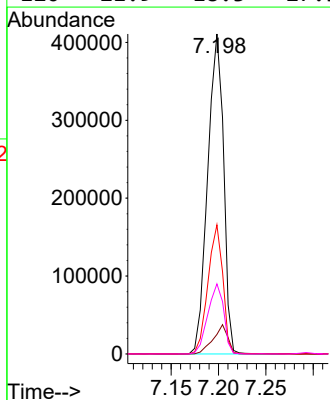
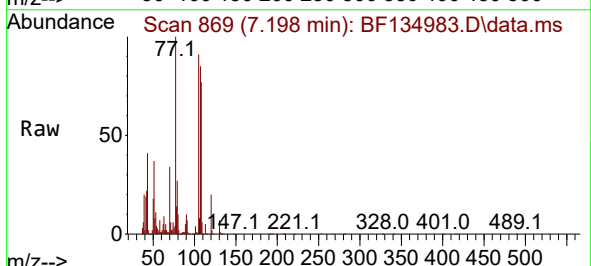
APPROVED

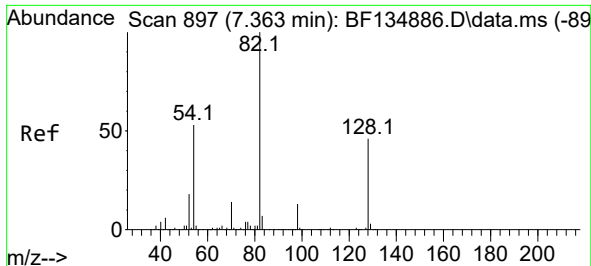
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#22
Acetophenone
Concen: 46.205 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:105 Resp: 479101
Ion Ratio Lower Upper
105 100
71 6.1 4.6 6.8
51 40.3 32.2 48.2
120 21.9 18.3 27.5





#23

Nitrobenzene-d5

Concen: 88.162 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

Tgt Ion: 82 Resp: 750588

Ion Ratio Lower Upper

82 100

128 43.7 36.6 54.8

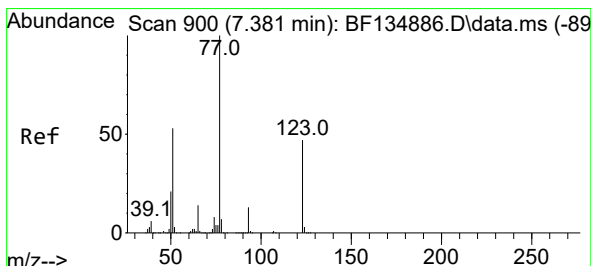
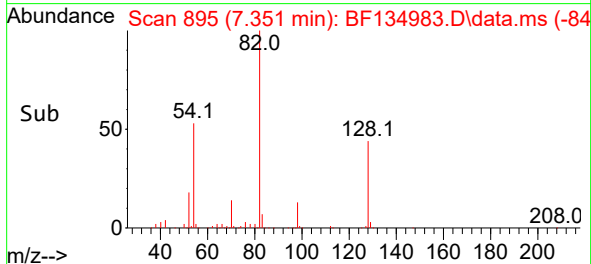
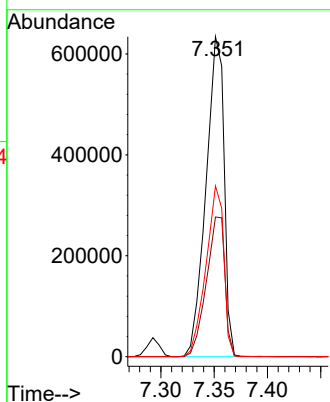
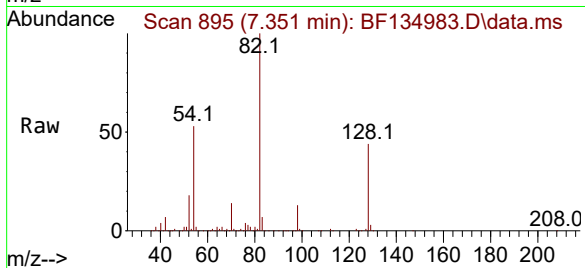
54 53.3 42.6 63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#24

Nitrobenzene

Concen: 45.135 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

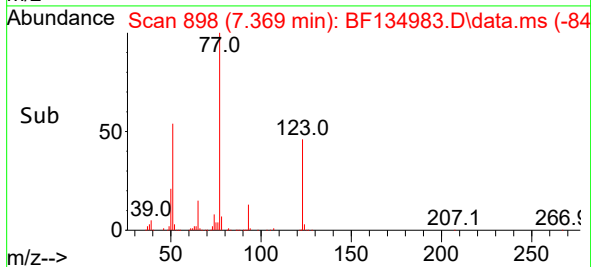
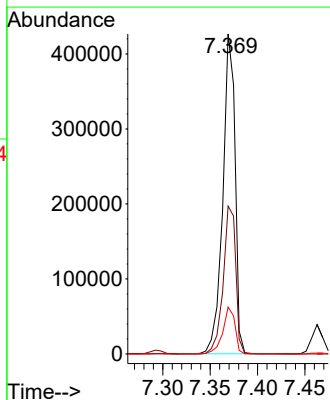
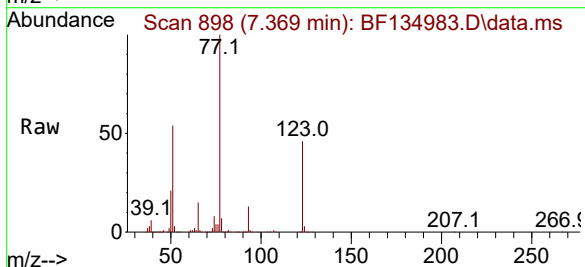
Tgt Ion: 77 Resp: 385586

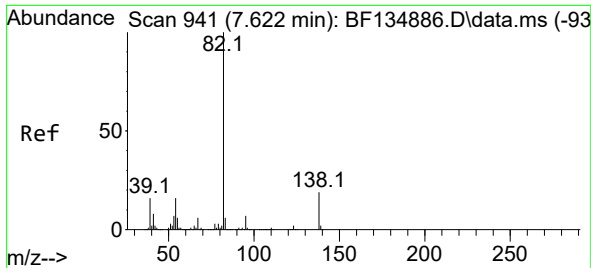
Ion Ratio Lower Upper

77 100

123 46.2 37.9 56.9

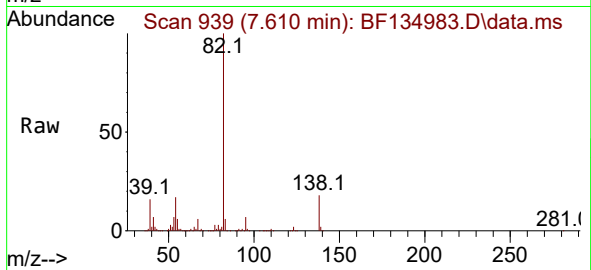
65 14.6 11.1 16.7





#25
Isophorone
Concen: 43.627 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

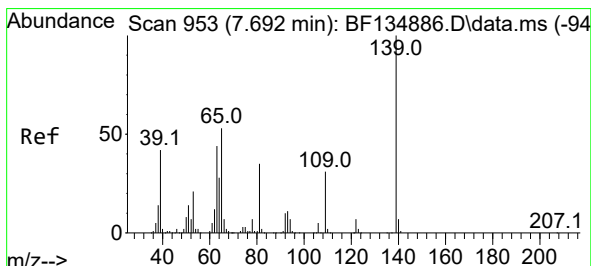
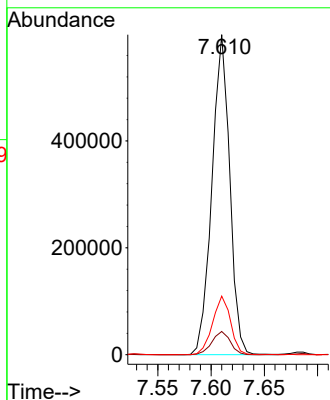
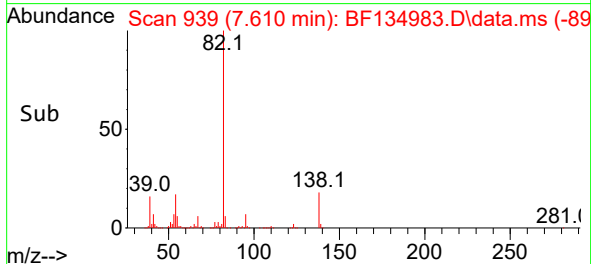
Instrument :
BNA_F
ClientSampleId :
PB155083BS



Tgt Ion: 82 Resp: 693569
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.3 14.9 22.3

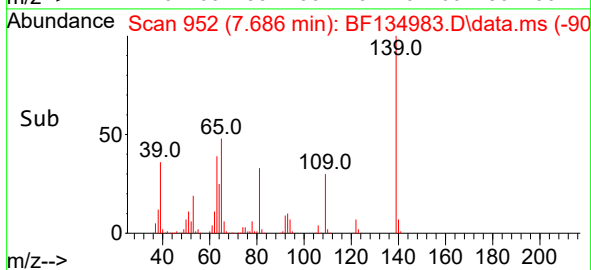
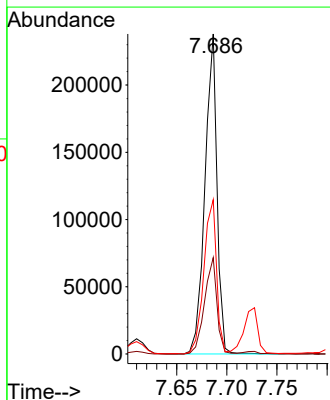
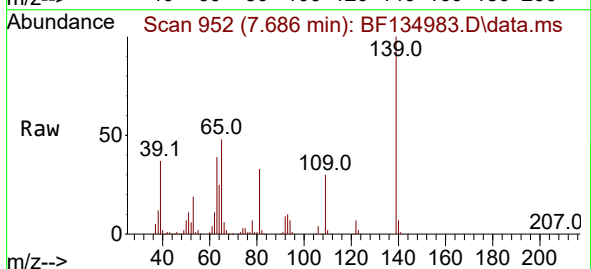
Manual Integrations
APPROVED

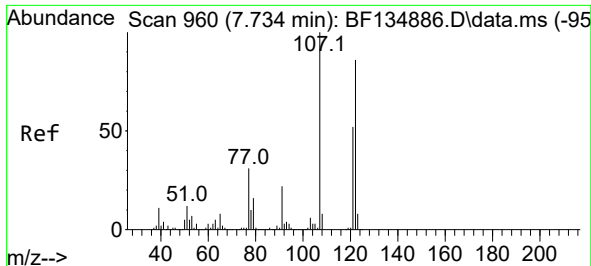
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#26
2-Nitrophenol
Concen: 47.034 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:139 Resp: 200038
Ion Ratio Lower Upper
139 100
109 30.1 24.5 36.7
65 48.2 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 46.437 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF134983.D

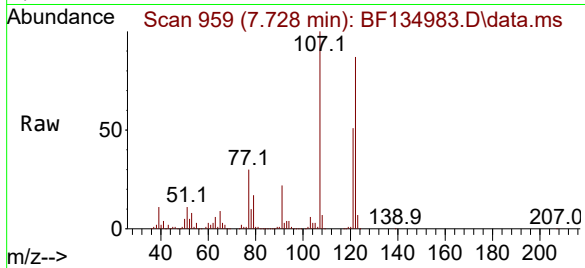
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS



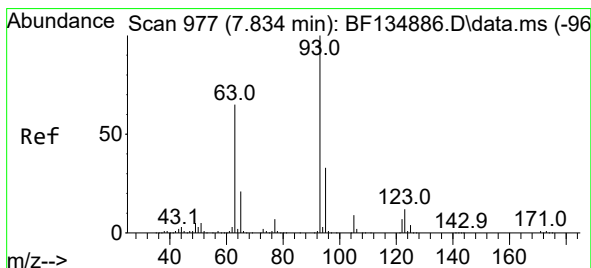
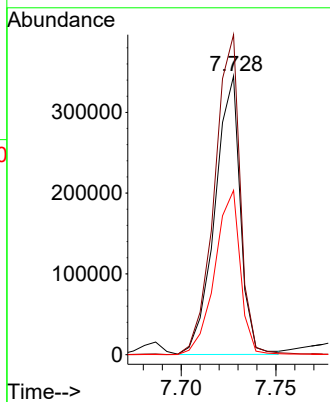
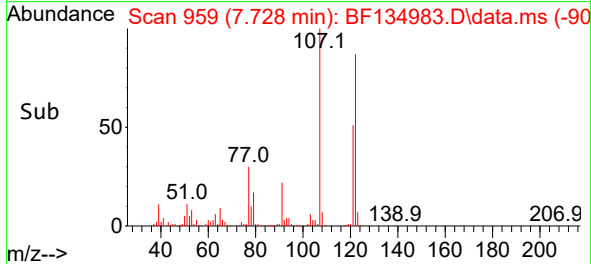
Tgt Ion:	122	Resp:	322120
Ion Ratio	Lower	Upper	
122	100		
107	114.9	92.9	139.3
121	59.0	48.4	72.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.242 ng

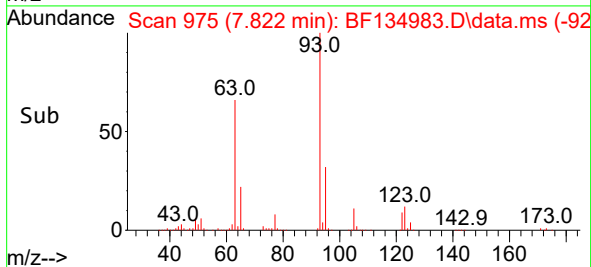
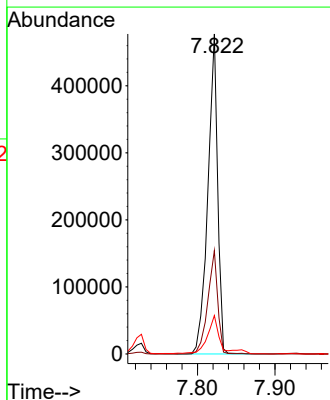
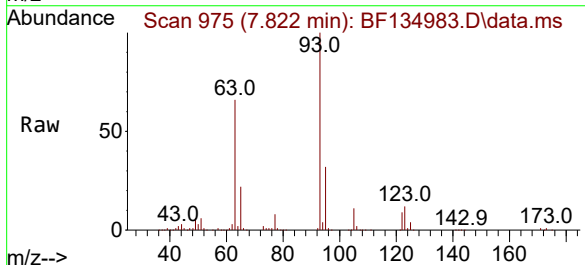
RT: 7.822 min Scan# 975

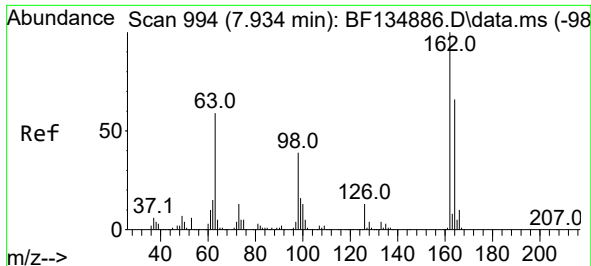
Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Tgt Ion:	93	Resp:	419197
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.3	39.5
123	12.0	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 45.569 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF134983.D

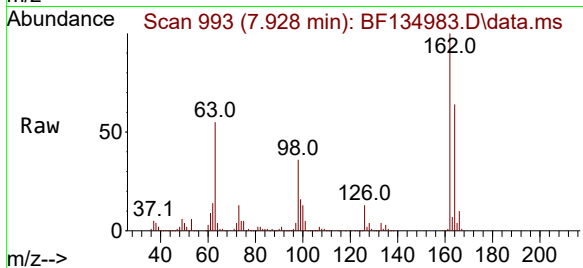
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS



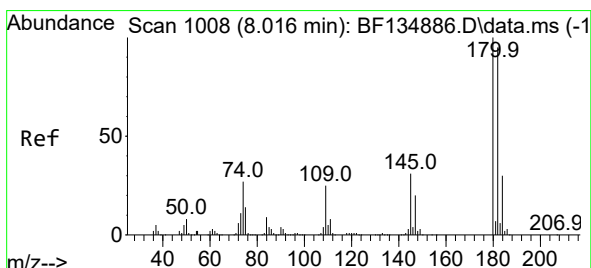
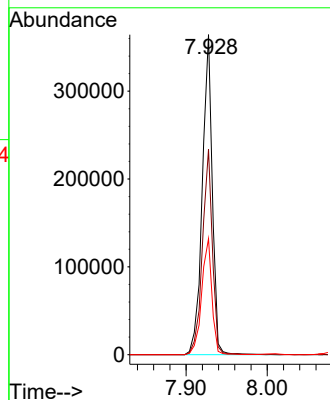
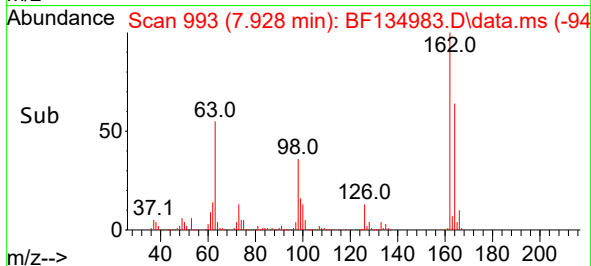
Tgt Ion:	162	Resp:	312329
Ion Ratio	Lower	Upper	
162	100		
164	64.2	45.6	85.6
98	36.3	18.5	58.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.359 ng

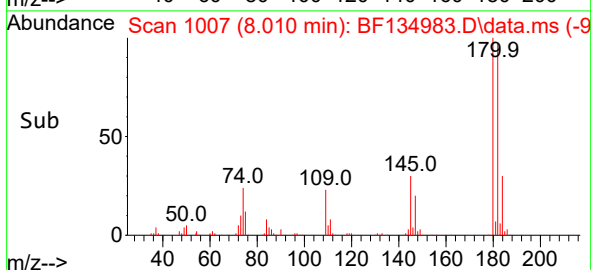
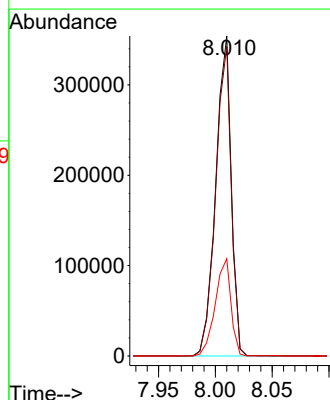
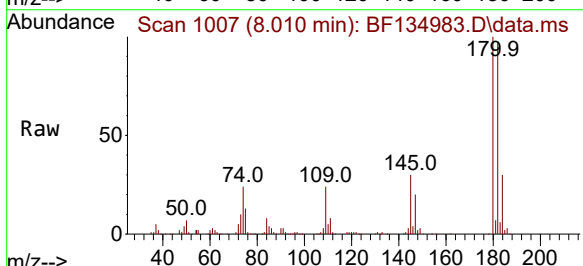
RT: 8.010 min Scan# 1007

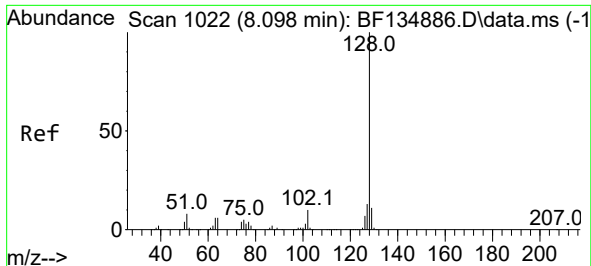
Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Tgt Ion:	180	Resp:	337328
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.0	114.0
145	30.4	24.6	37.0





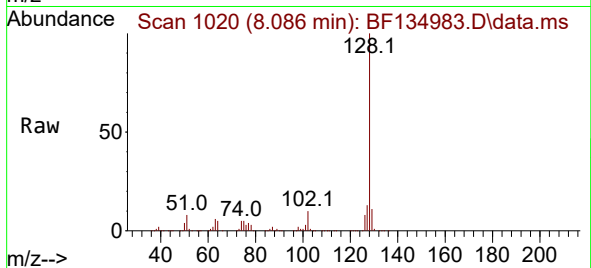
#31
Naphthalene
Concen: 45.569 ng
RT: 8.086 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

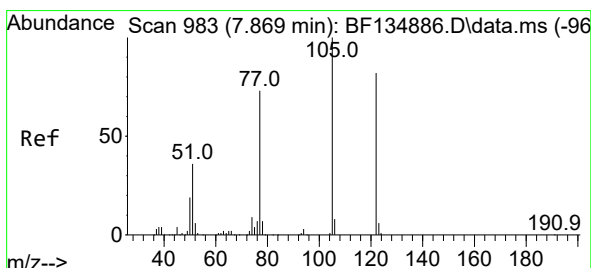
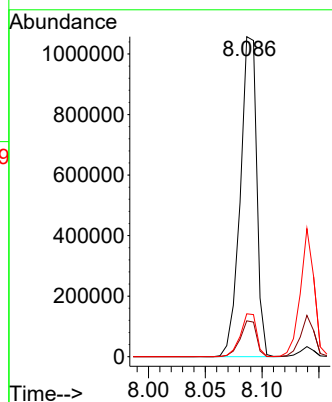
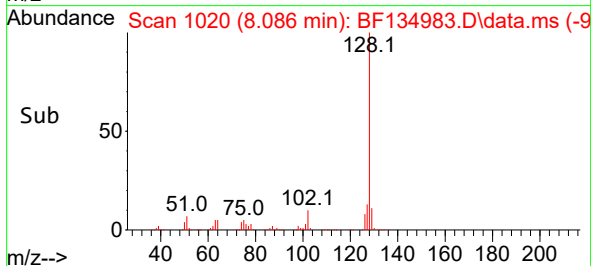


Tgt Ion:128 Resp: 106745
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.4 10.6 16.0

Manual Integrations

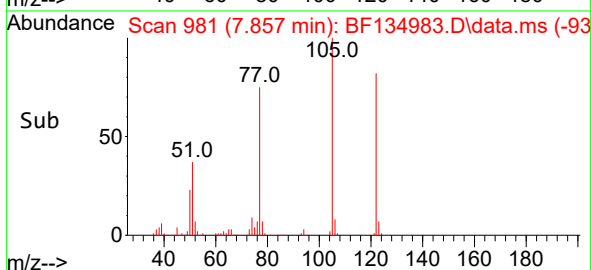
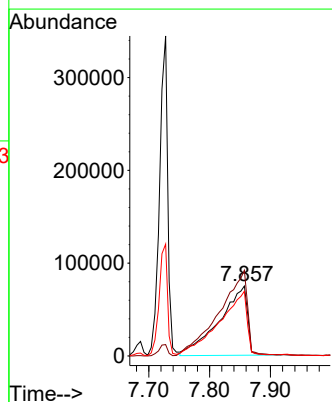
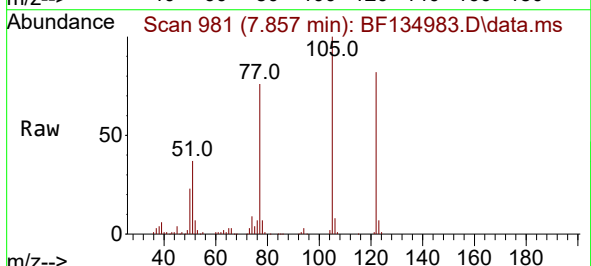
APPROVED

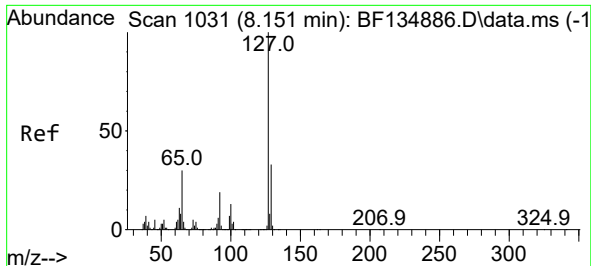
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#32
Benzoic acid
Concen: 46.808 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:122 Resp: 239624
Ion Ratio Lower Upper
122 100
105 122.3 98.6 138.6
77 92.4 68.6 108.6





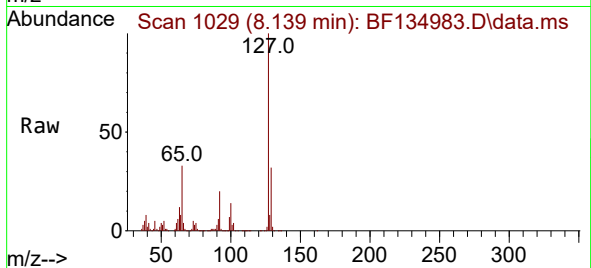
#33
4-Chloroaniline
Concen: 36.098 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS



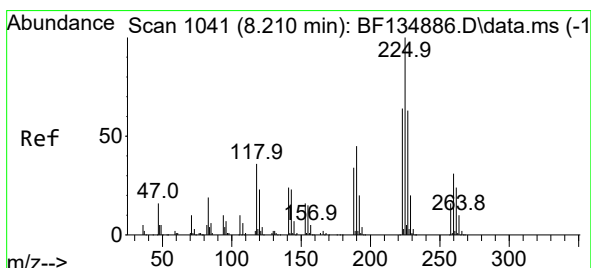
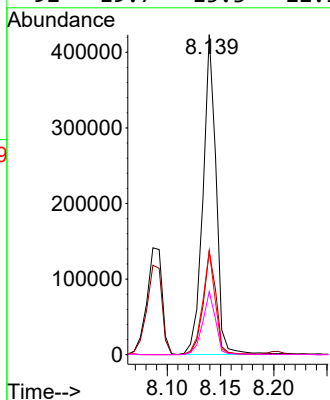
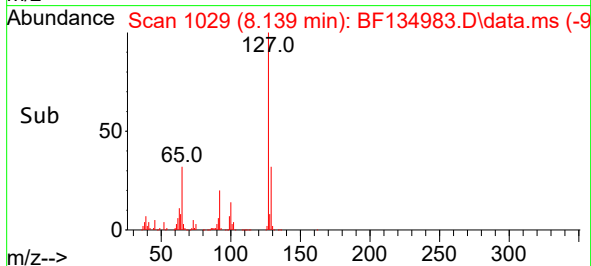
Tgt Ion:127 Resp: 36281
Ion Ratio Lower Upper
127 100
129 32.2 26.4 39.6
65 32.6 23.8 35.8
92 19.7 15.3 22.9

Manual Integrations

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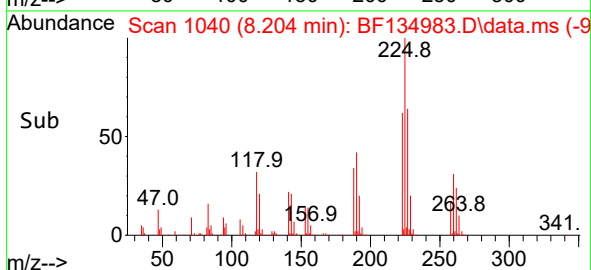
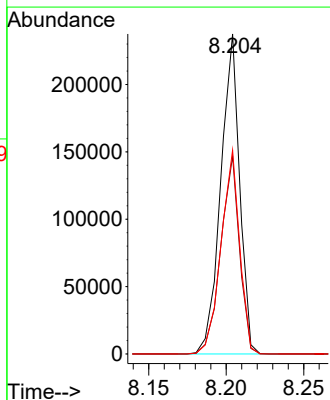
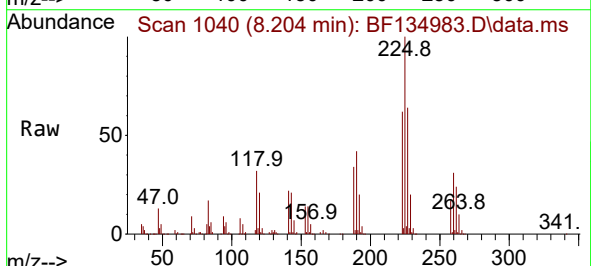
Reviewed By :Yogesh Patel 08/30/2023

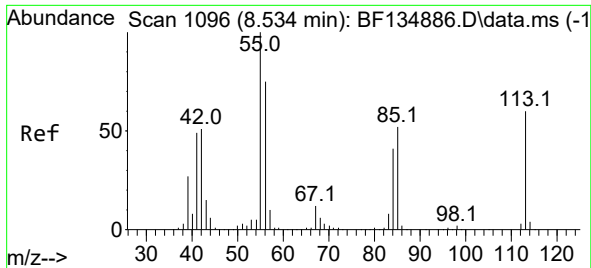
Supervised By :mohammad ahmed 08/30/2023



#34
Hexachlorobutadiene
Concen: 46.339 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:225 Resp: 200538
Ion Ratio Lower Upper
225 100
223 61.8 51.1 76.7
227 63.7 50.1 75.1





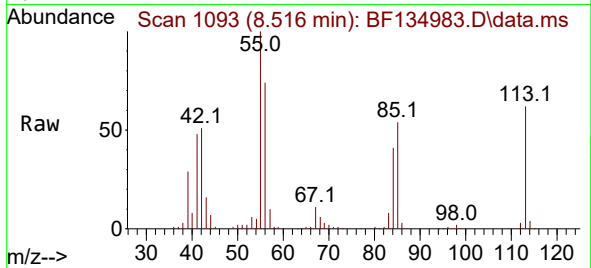
#35
Caprolactam
Concen: 48.814 ng m
RT: 8.516 min Scan# 1093
Delta R.T. -0.018 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

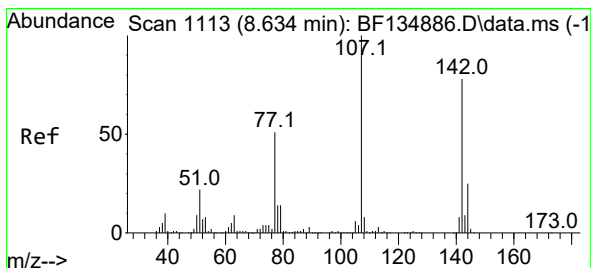
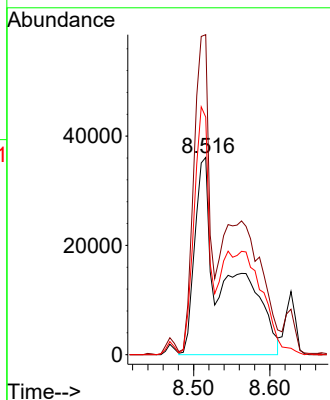
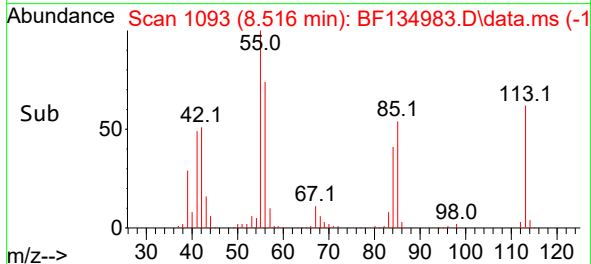
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Tgt Ion:113 Resp: 10444
Ion Ratio Lower Upper
113 100
55 162.2 147.2 187.2
56 120.4 106.0 146.0

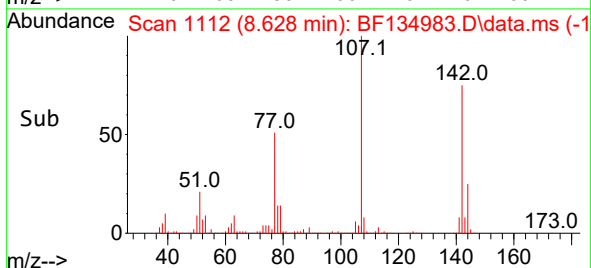
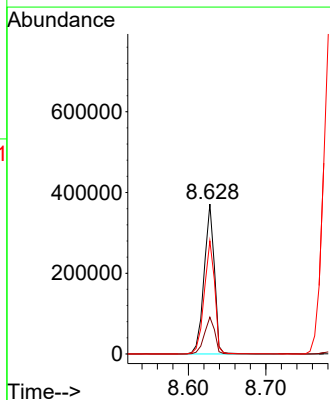
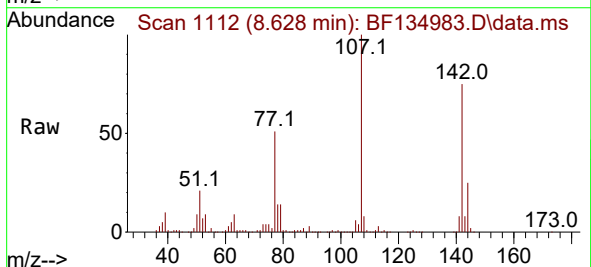
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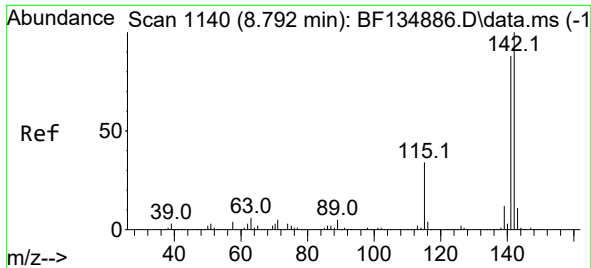
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#36
4-Chloro-3-methylphenol
Concen: 47.331 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:107 Resp: 342337
Ion Ratio Lower Upper
107 100
144 24.6 20.2 30.2
142 75.5 62.5 93.7





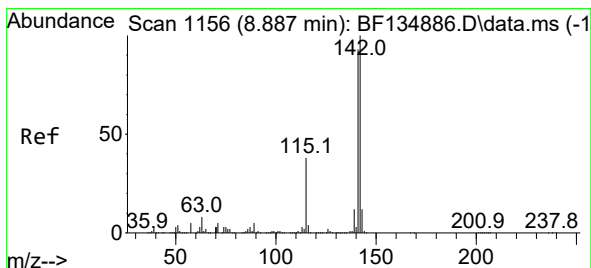
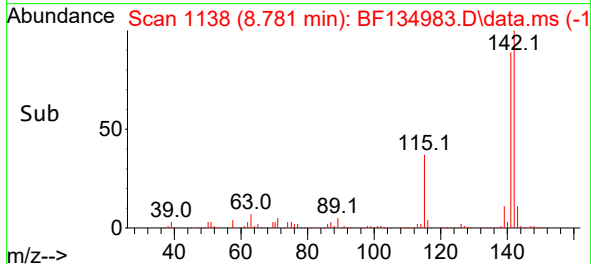
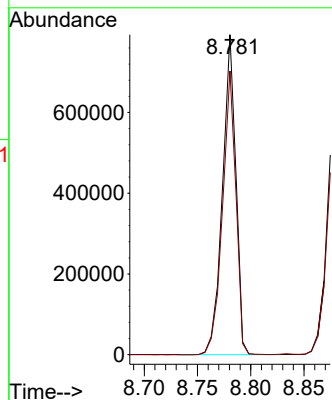
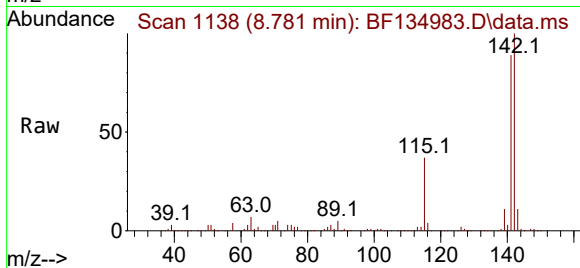
#37
2-Methylnaphthalene
Concen: 44.080 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :
BNA_F
ClientSampleId :
PB155083BS

Tgt Ion:142 Resp: 688614
Ion Ratio Lower Upper
142 100
141 88.6 70.2 105.2

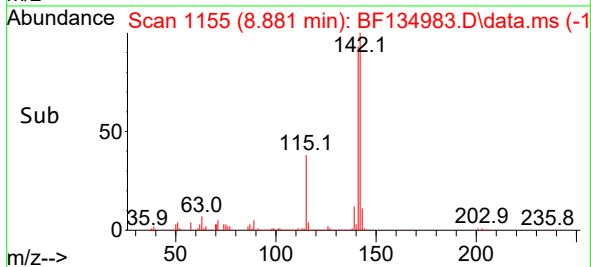
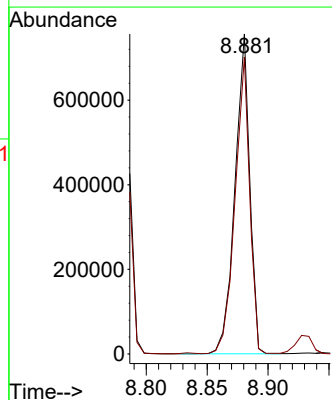
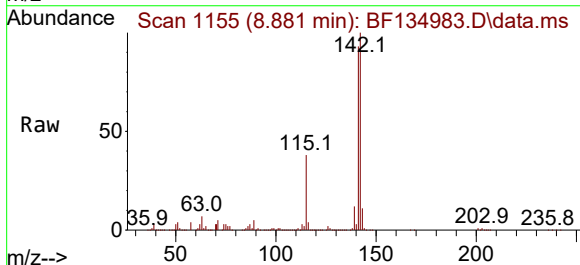
Manual Integrations
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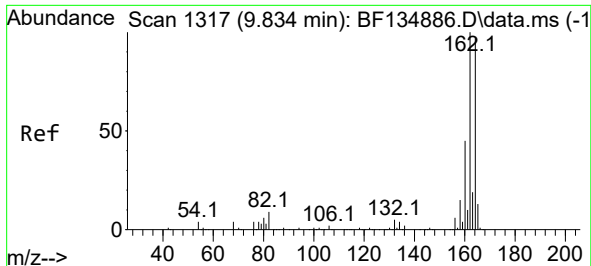
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#38
1-Methylnaphthalene
Concen: 43.641 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:142 Resp: 637499
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1





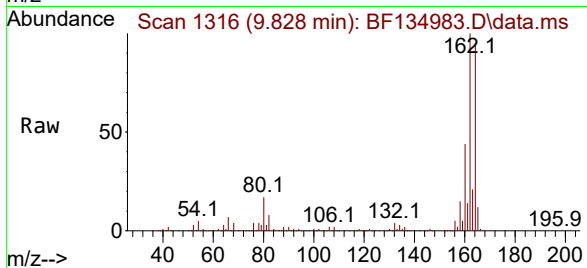
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

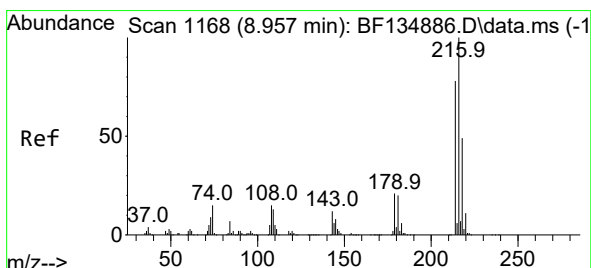
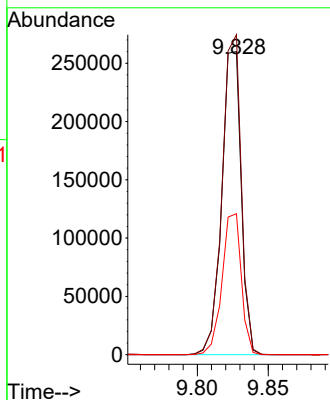
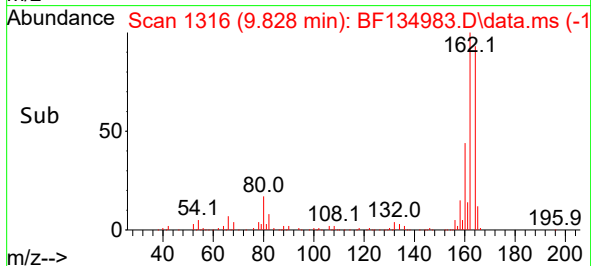


Tgt Ion:164 Resp: 248499
Ion Ratio Lower Upper
164 100
162 105.6 82.6 123.8
160 46.5 37.0 55.4

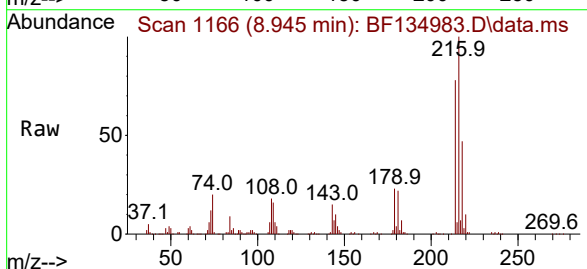
Manual Integrations

APPROVED

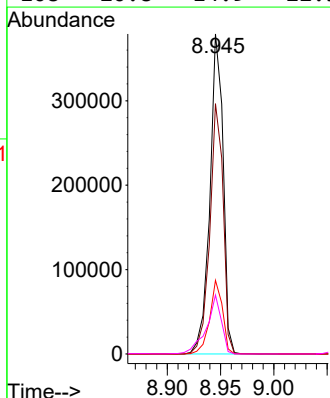
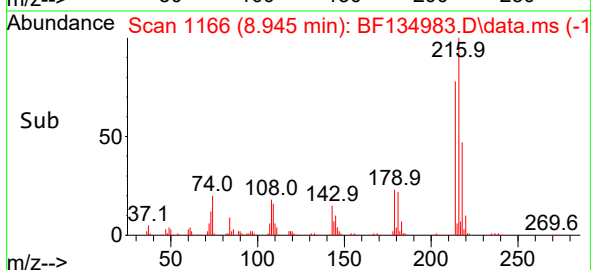
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

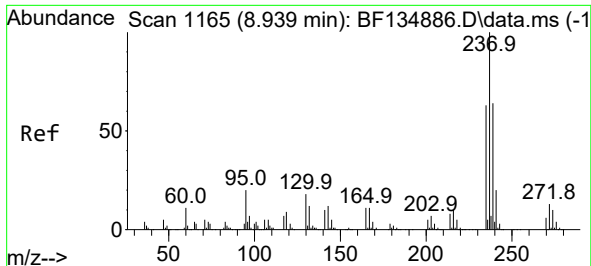


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.286 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41



Tgt Ion:216 Resp: 327767
Ion Ratio Lower Upper
216 100
214 78.5 63.1 94.7
179 22.3 17.3 25.9
108 20.8 14.9 22.3





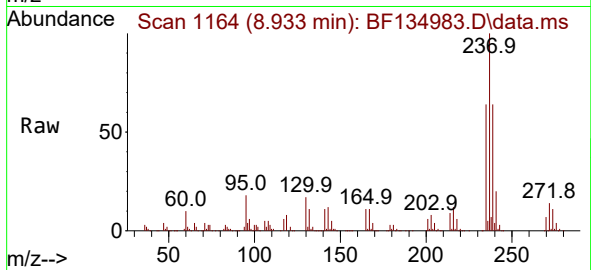
#41
Hexachlorocyclopentadiene
Concen: 105.390 ng
RT: 8.933 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

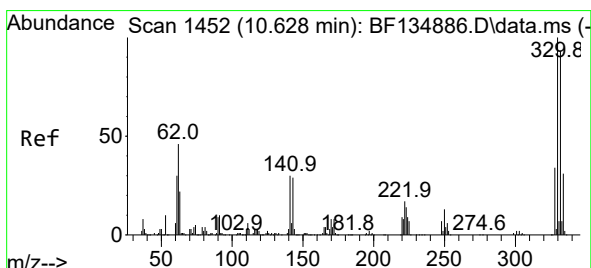
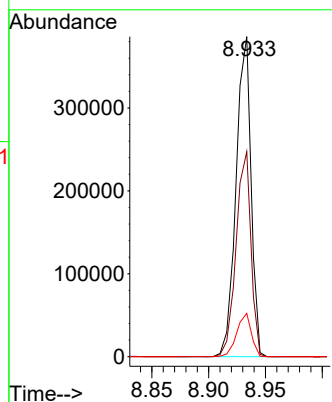
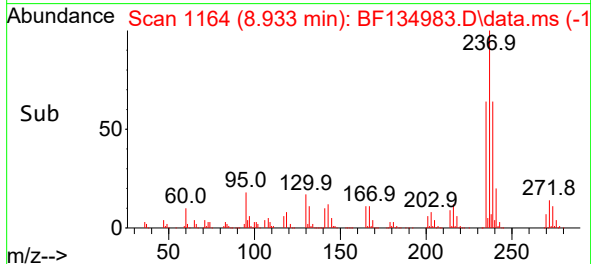


Tgt Ion:237 Resp: 353317
Ion Ratio Lower Upper
237 100
235 64.0 43.1 83.1
272 13.6 0.0 32.6

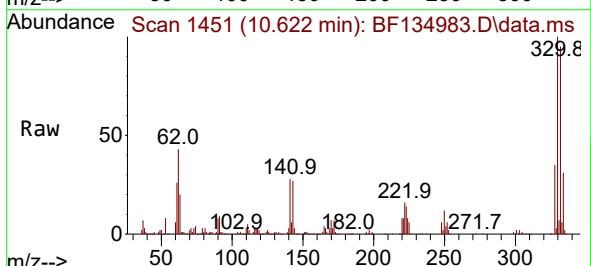
Manual Integrations

APPROVED

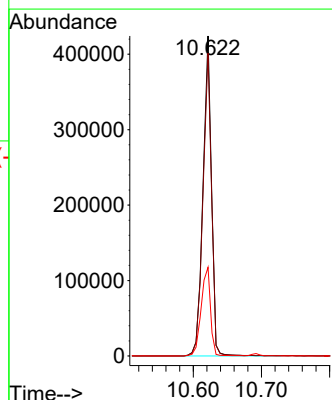
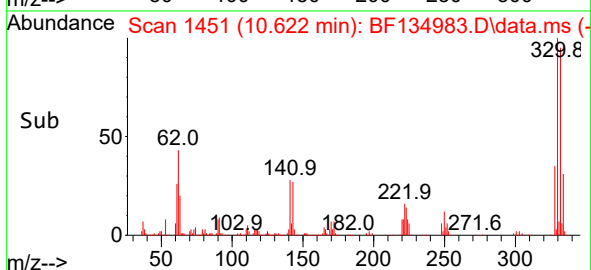
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

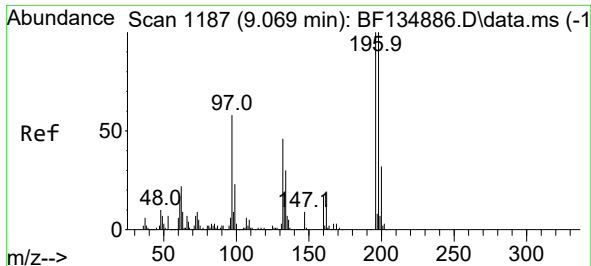


#42
2,4,6-Tribromophenol
Concen: 125.874 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41



Tgt Ion:330 Resp: 368395
Ion Ratio Lower Upper
330 100
332 96.0 76.3 114.5
141 30.5 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 44.571 ng

RT: 9.063 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF134983.D

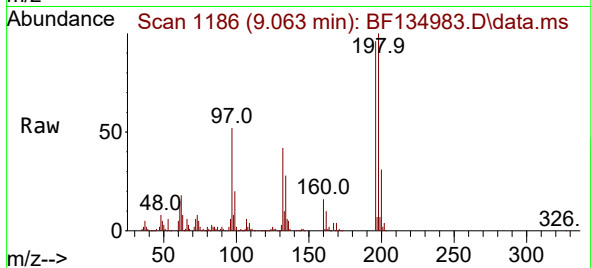
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS



Tgt Ion:196 Resp: 22289

Ion Ratio Lower Upper

196 100

198 103.9 79.8 119.6

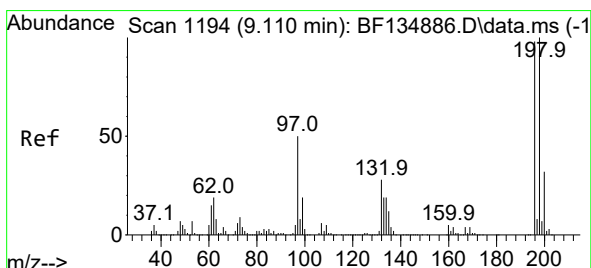
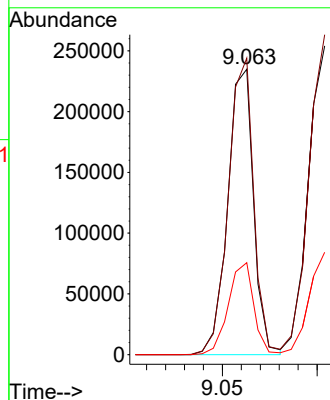
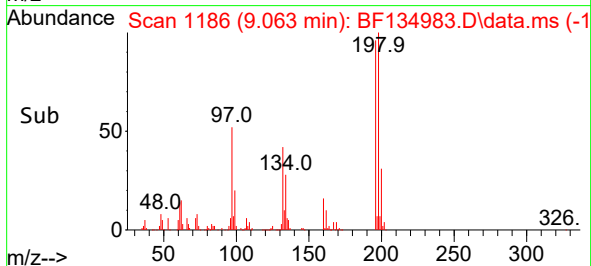
200 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#44

2,4,5-Trichlorophenol

Concen: 41.738 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Tgt Ion:196 Resp: 241656

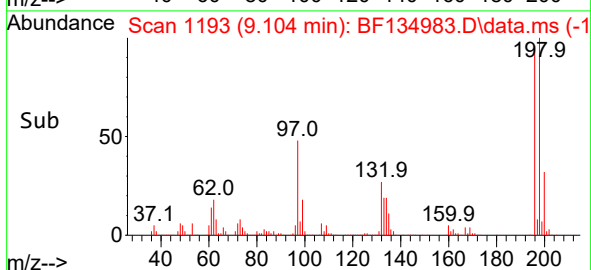
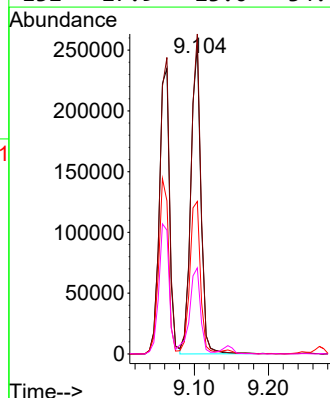
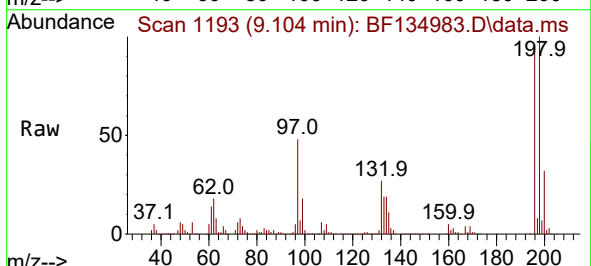
Ion Ratio Lower Upper

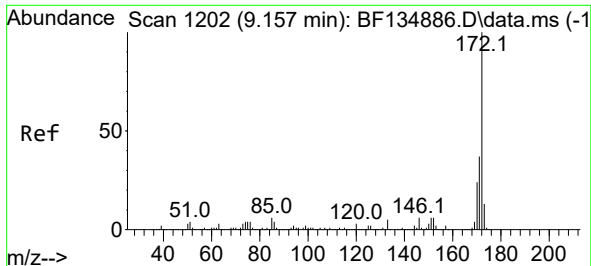
196 100

198 103.6 81.8 122.6

97 49.4 41.3 61.9

132 27.9 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 85.669 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF134983.D

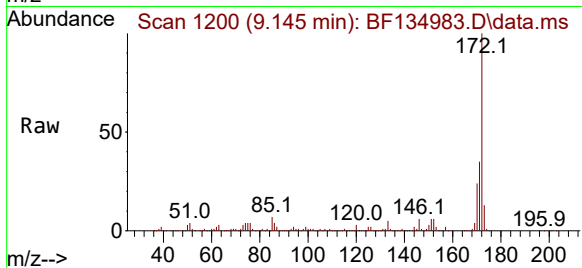
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS



Tgt Ion:172 Resp: 137710

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

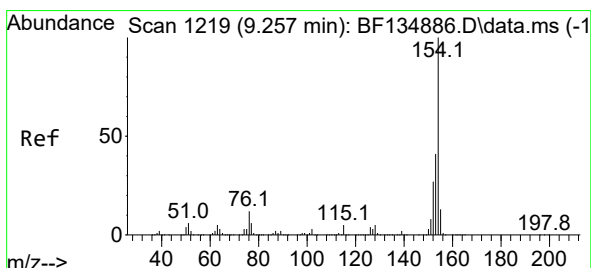
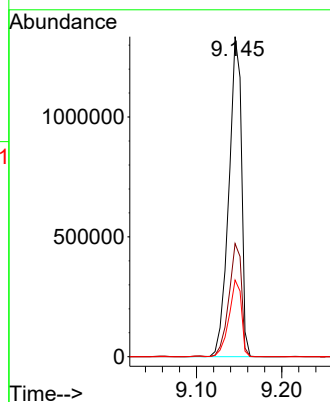
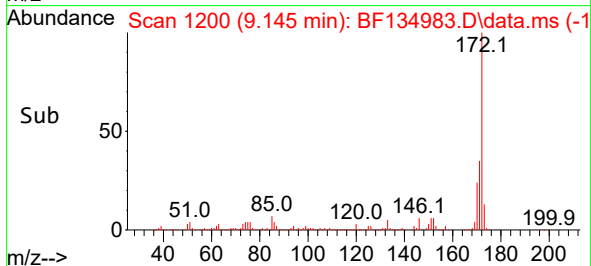
170 23.9 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#46

1,1'-Biphenyl

Concen: 43.398 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

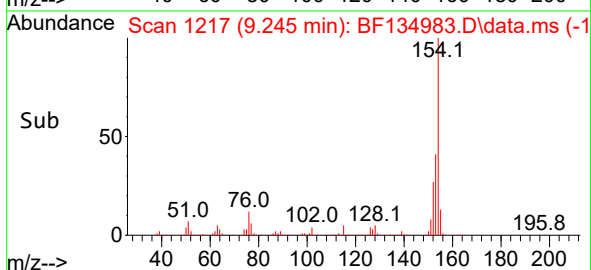
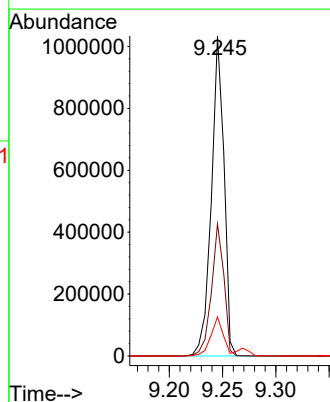
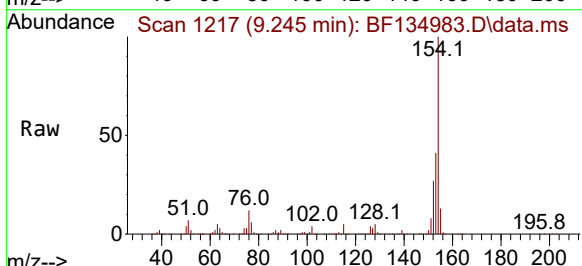
Tgt Ion:154 Resp: 851410

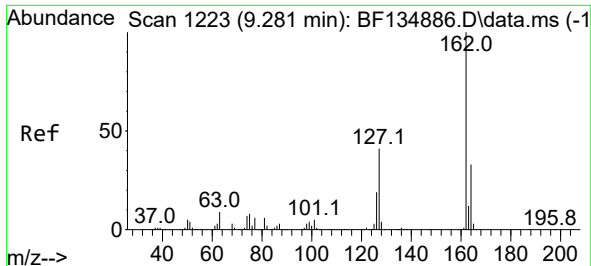
Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

76 12.2 0.0 31.8





#47

2-Chloronaphthalene

Concen: 44.622 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

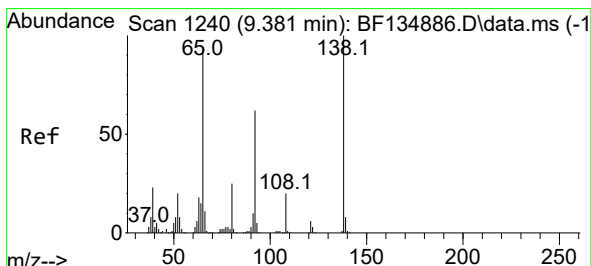
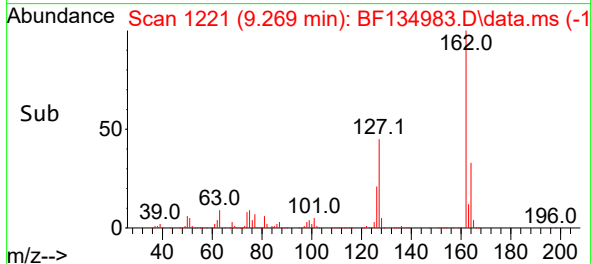
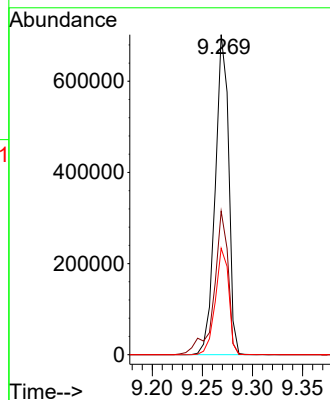
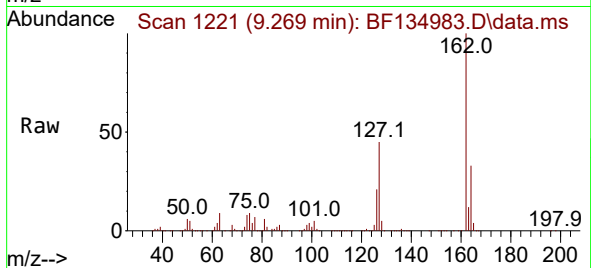
ClientSampleId :

PB155083BS

Tgt Ion:162	Resp: 65376
Ion Ratio	Lower Upper
162	100
127	44.8 33.4 50.0
164	33.2 26.6 39.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#48

2-Nitroaniline

Concen: 45.721 ng

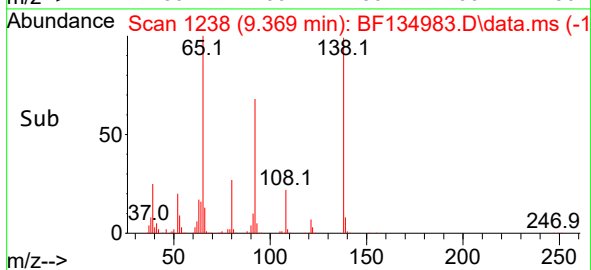
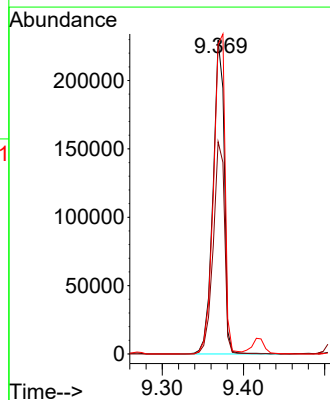
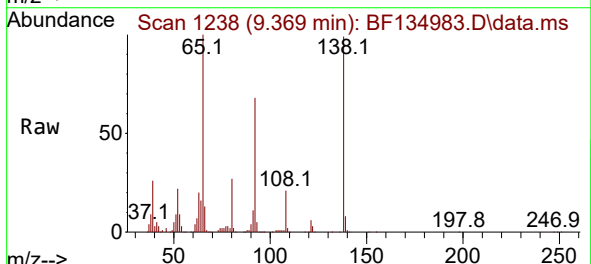
RT: 9.369 min Scan# 1238

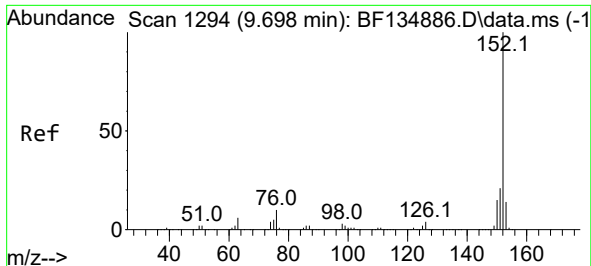
Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Tgt Ion: 65	Resp: 220198
Ion Ratio	Lower Upper
65	100
92	67.6 53.8 80.8
138	98.6 86.5 129.7





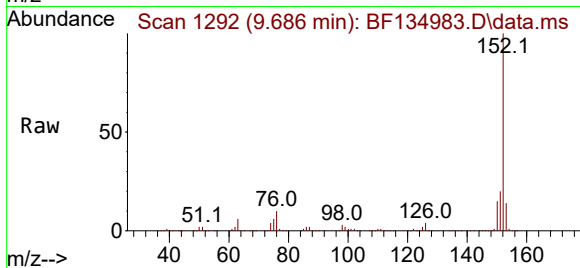
#49
Acenaphthylene
Concen: 44.846 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

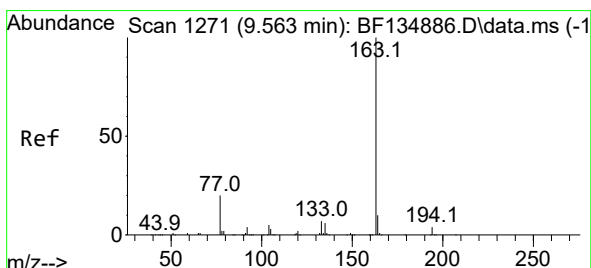
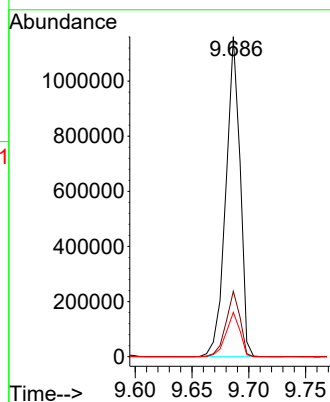
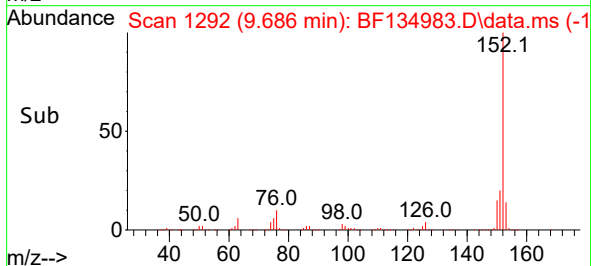


Tgt Ion:152 Resp: 101186
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.9 11.3 16.9

Manual Integrations

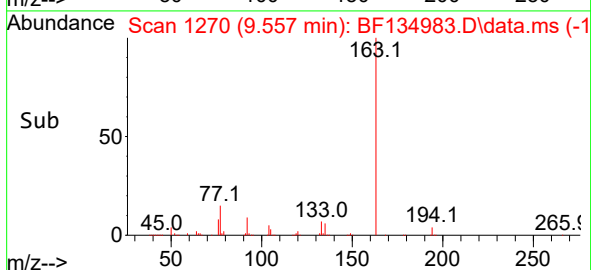
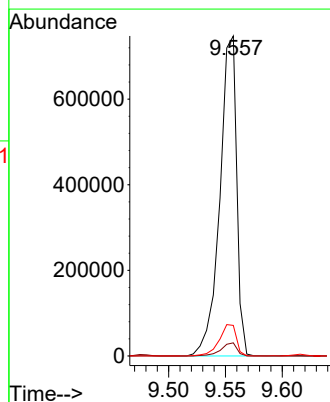
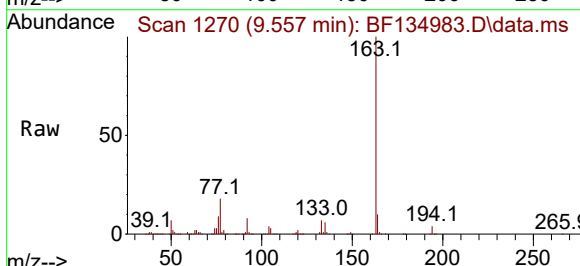
APPROVED

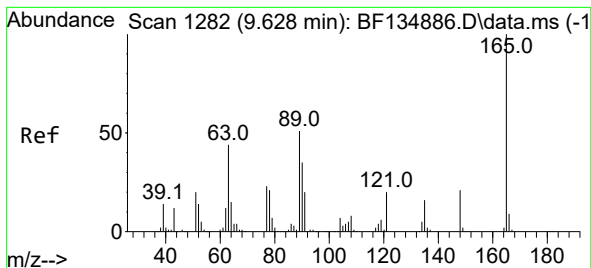
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#50
Dimethylphthalate
Concen: 43.815 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

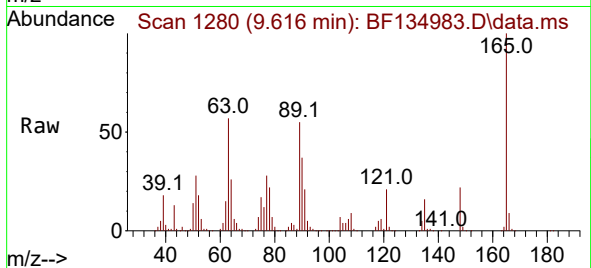
Tgt Ion:163 Resp: 775011
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.6 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 45.820 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

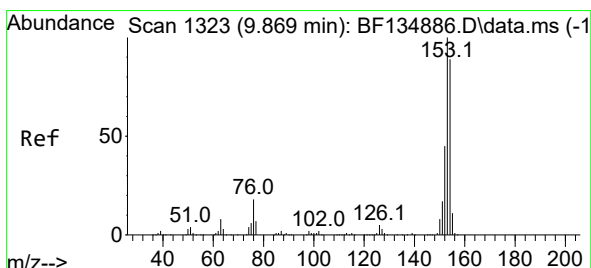
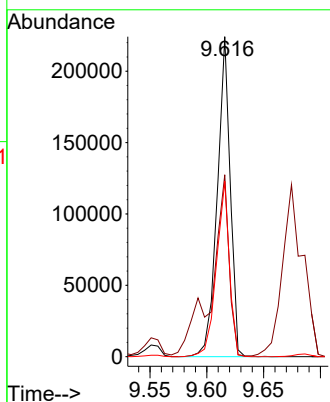
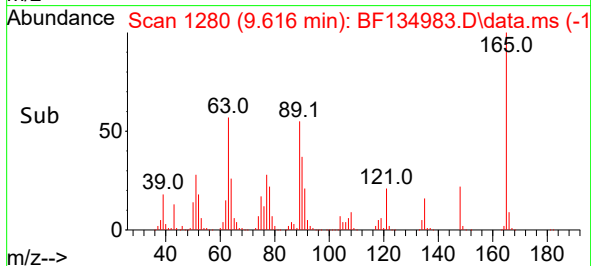
Instrument :
BNA_F
ClientSampleId :
PB155083BS



Tgt Ion:165 Resp: 17875
Ion Ratio Lower Upper
165 100
63 56.8 41.4 62.2
89 54.8 40.9 61.3

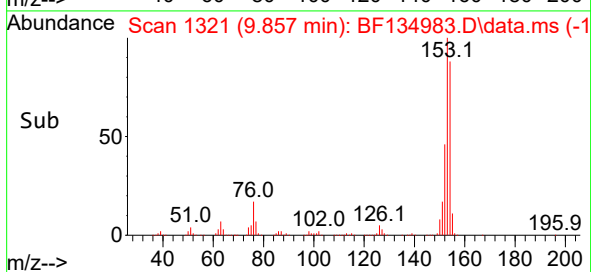
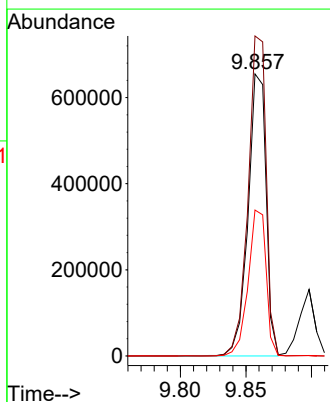
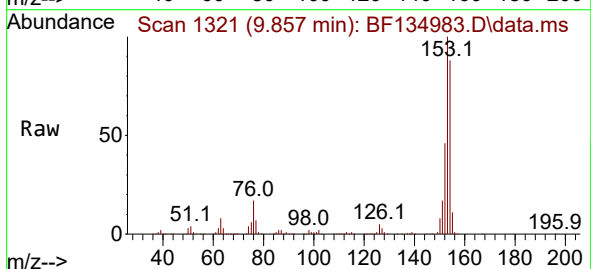
Manual Integrations
APPROVED

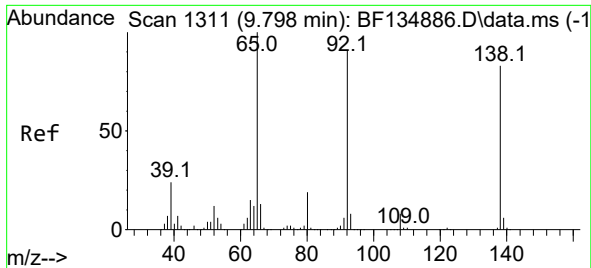
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#52
Acenaphthene
Concen: 43.973 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:154 Resp: 625032
Ion Ratio Lower Upper
154 100
153 113.4 89.6 134.4
152 51.7 40.5 60.7





#53
3-Nitroaniline
Concen: 39.386 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

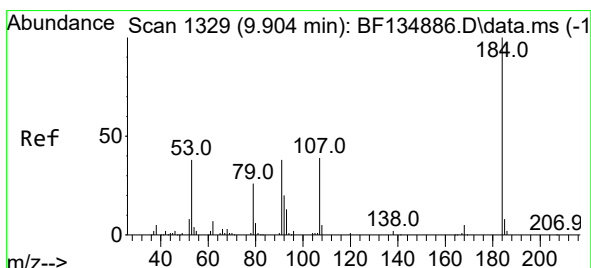
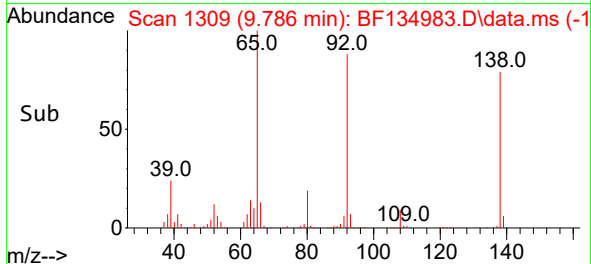
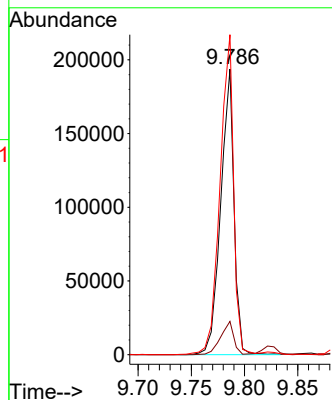
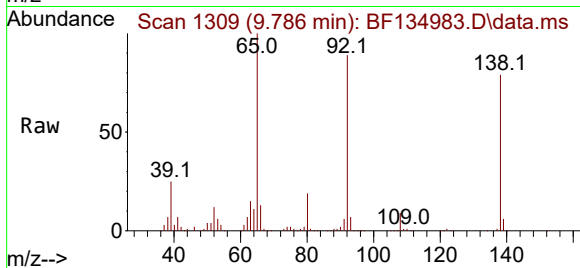
ClientSampleId :

PB155083BS

Tgt Ion:138 Resp: 16783
Ion Ratio Lower Upper
138 100
108 11.6 8.0 12.0
92 112.0 87.6 131.4

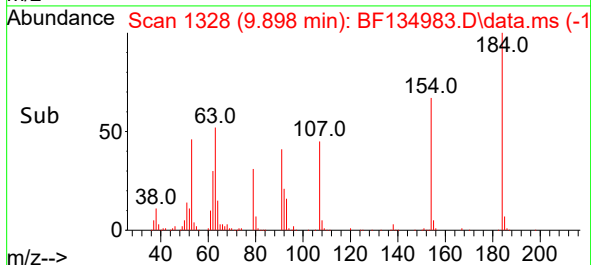
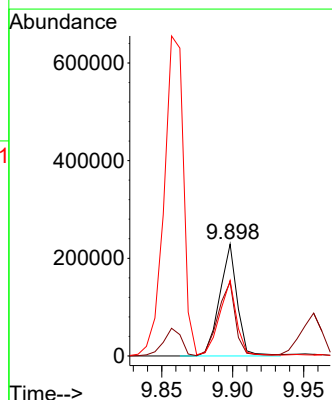
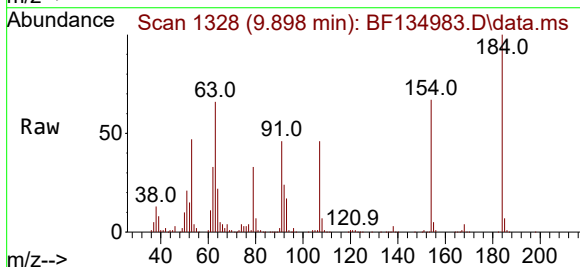
Manual Integrations
APPROVED

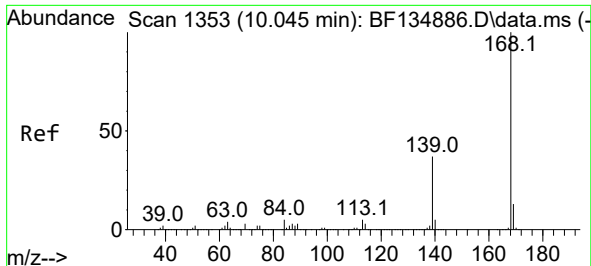
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#54
2,4-Dinitrophenol
Concen: 106.358 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

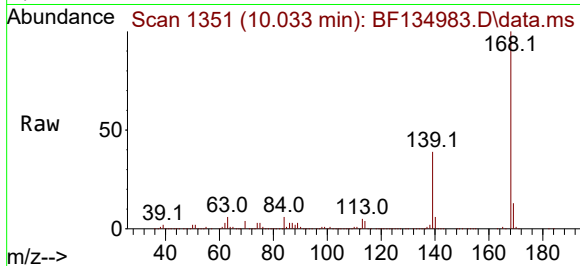
Tgt Ion:184 Resp: 196328
Ion Ratio Lower Upper
184 100
63 66.1 42.8 64.2#
154 67.4 48.0 72.0





#55
Dibenzenofuran
Concen: 43.725 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

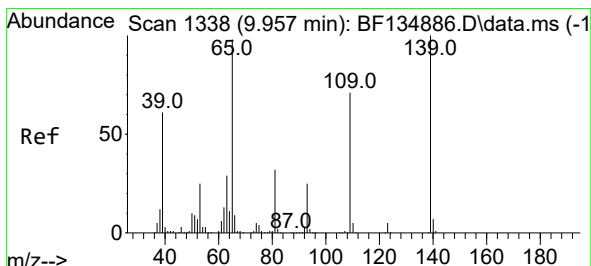
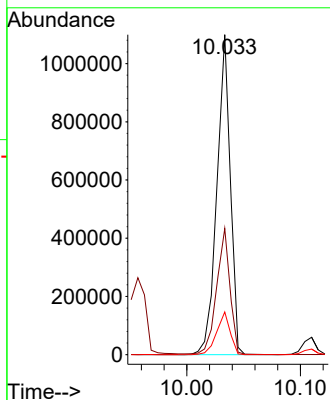
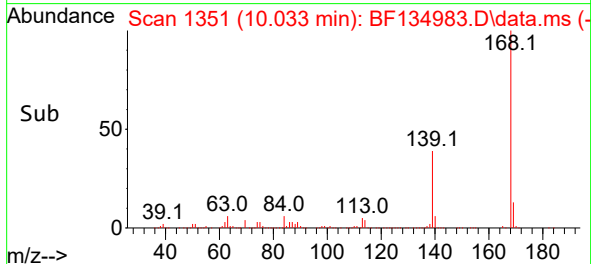
Instrument :
BNA_F
ClientSampleId :
PB155083BS



Tgt Ion:168 Resp: 904874
Ion Ratio Lower Upper
168 100
139 39.5 29.5 44.3
169 13.3 10.7 16.1

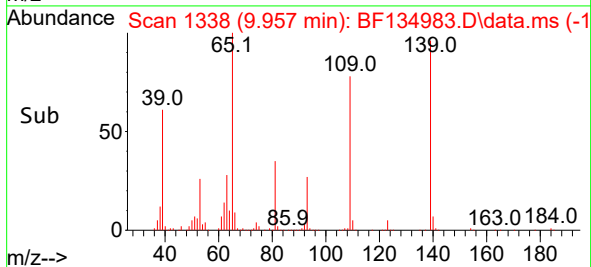
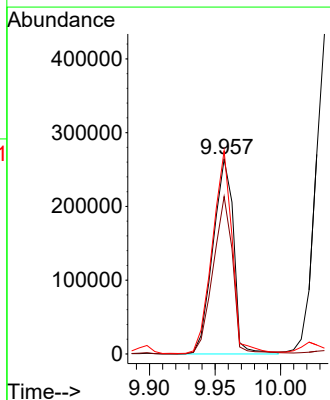
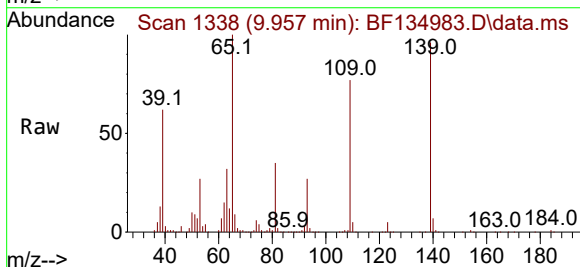
Manual Integrations
APPROVED

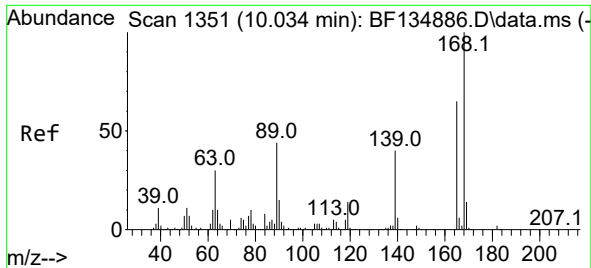
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#56
4-Nitrophenol
Concen: 97.167 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:139 Resp: 288540
Ion Ratio Lower Upper
139 100
109 80.8 51.0 91.0
65 104.3 78.5 118.5





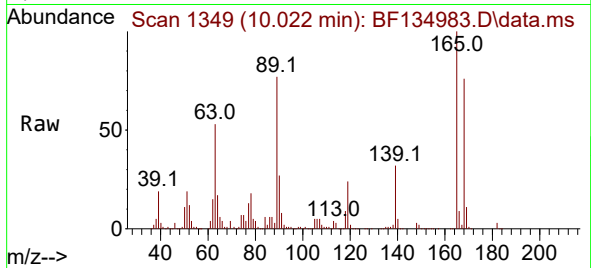
#57
2,4-Dinitrotoluene
Concen: 47.200 ng
RT: 10.022 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

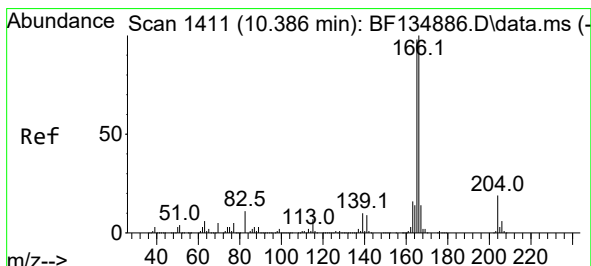
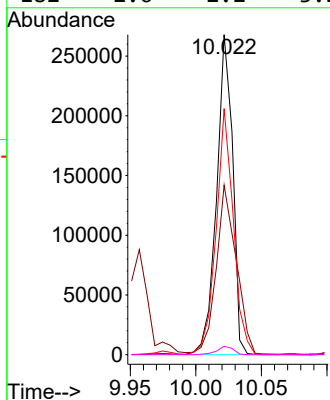
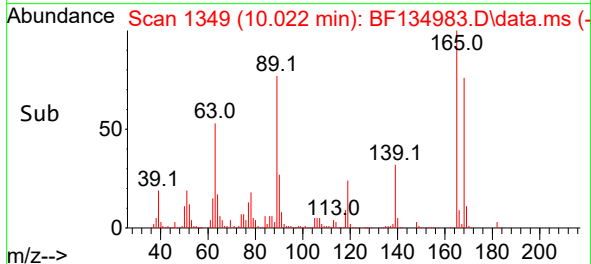


Tgt Ion:165 Resp: 227728
Ion Ratio Lower Upper
165 100
63 53.0 37.7 56.5
89 76.9 54.2 81.4
182 2.6 2.2 3.2

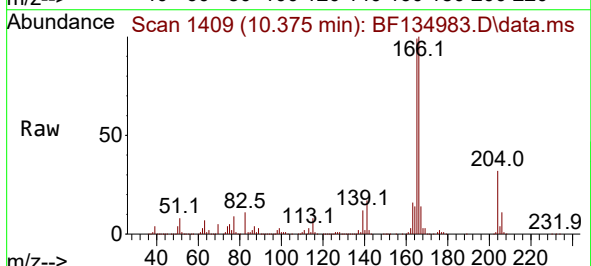
Manual Integrations

APPROVED

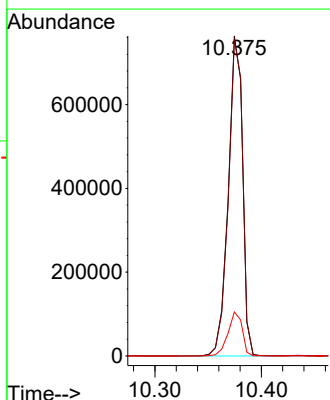
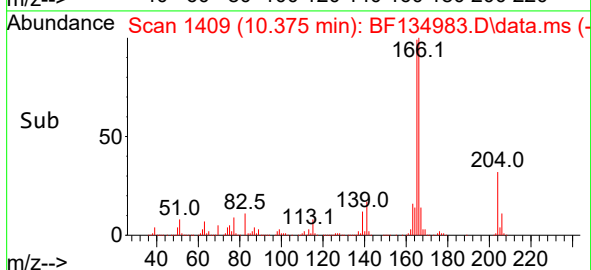
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

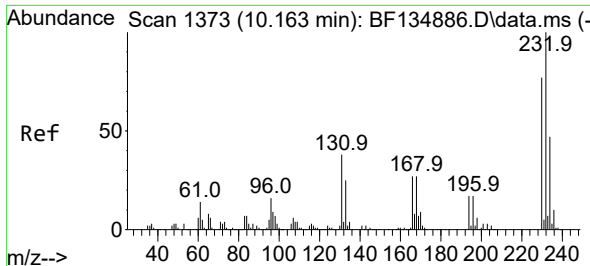


#58
Fluorene
Concen: 45.178 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41



Tgt Ion:166 Resp: 709120
Ion Ratio Lower Upper
166 100
165 98.7 78.5 117.7
167 13.8 11.0 16.6





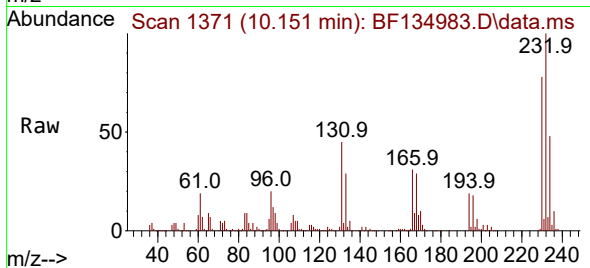
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.637 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS



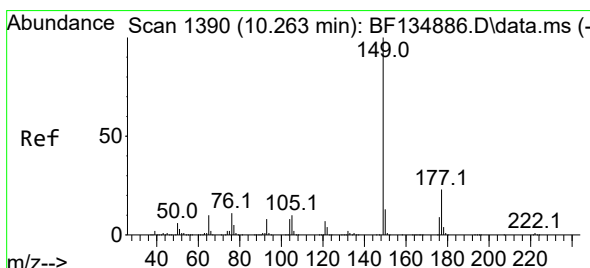
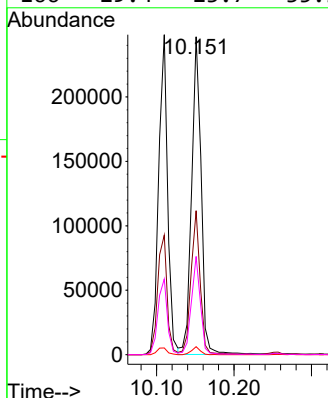
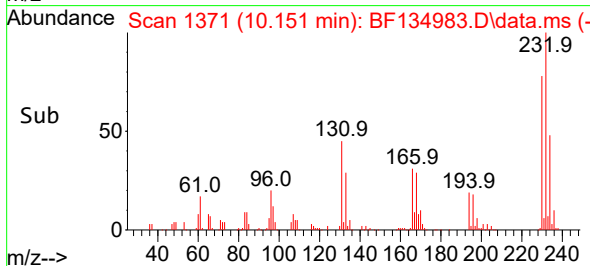
Tgt Ion:232 Resp: 210370
Ion Ratio Lower Upper
232 100
131 43.6 33.9 50.9
130 2.3 1.6 2.4
166 29.4 23.7 35.5

Manual Integrations

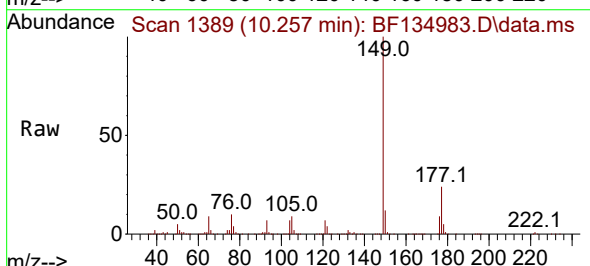
APPROVED

Reviewed By :Yogesh Patel 08/30/2023

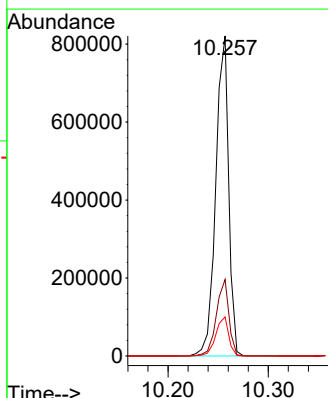
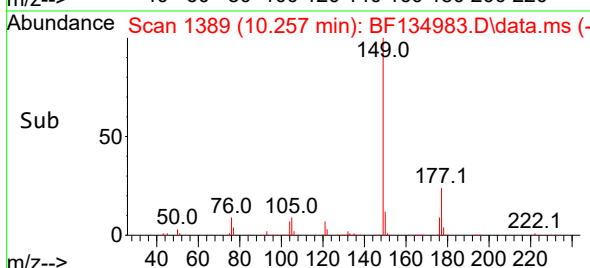
Supervised By :mohammad ahmed 08/30/2023

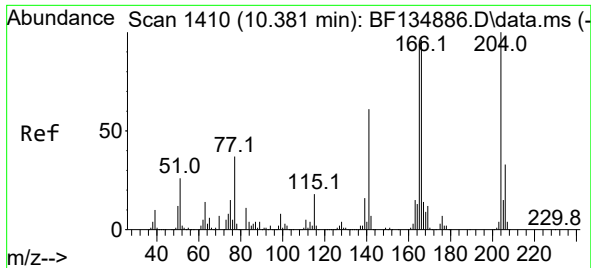


#60
Diethylphthalate
Concen: 45.169 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41



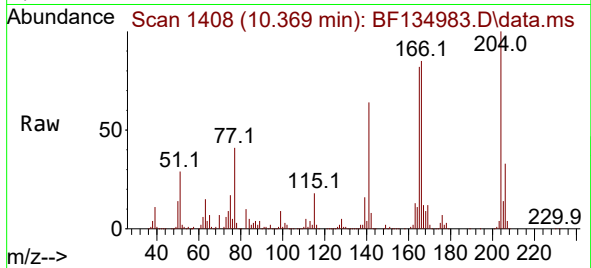
Tgt Ion:149 Resp: 732013
Ion Ratio Lower Upper
149 100
177 23.9 18.4 27.6
150 12.2 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.490 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

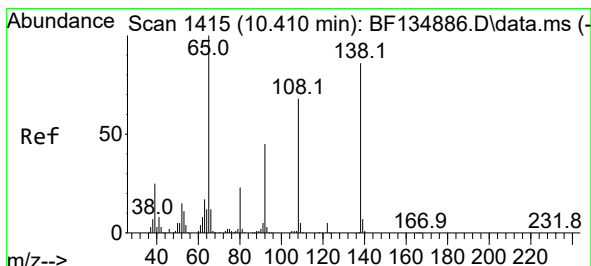
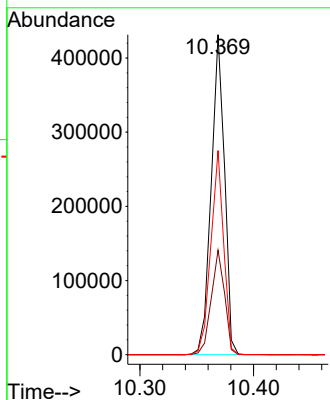
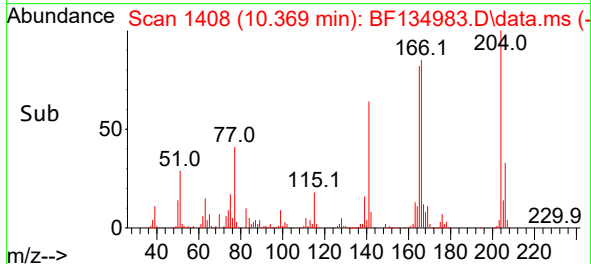
Instrument :
BNA_F
ClientSampleId :
PB155083BS



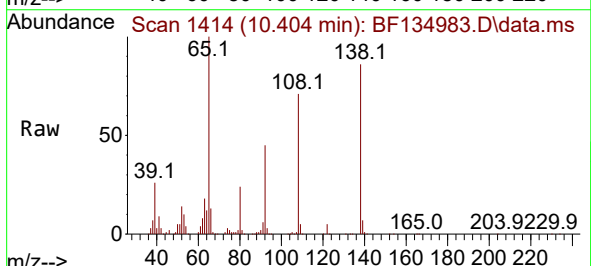
Tgt Ion:204 Resp: 350058
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 63.8 48.6 73.0

Manual Integrations
APPROVED

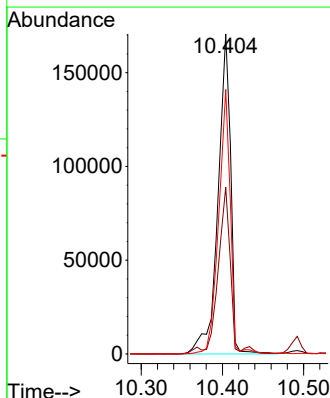
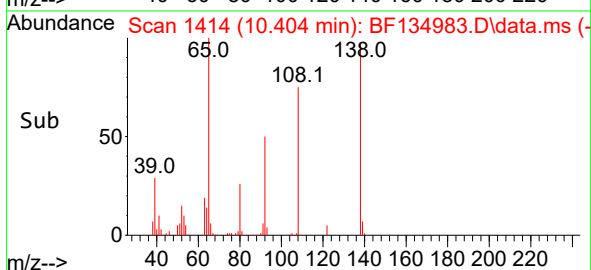
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

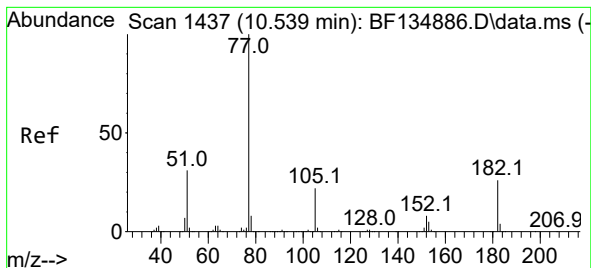


#62
4-Nitroaniline
Concen: 46.560 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41



Tgt Ion:138 Resp: 185466
Ion Ratio Lower Upper
138 100
92 52.2 32.5 72.5
108 82.6 58.6 98.6





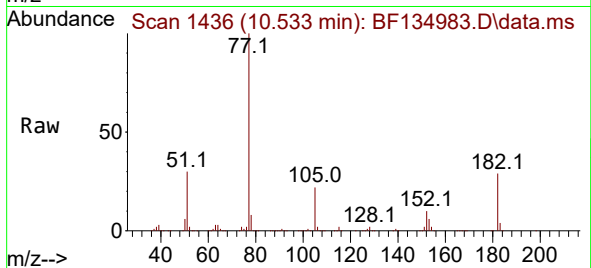
#63
Azobenzene
Concen: 44.398 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

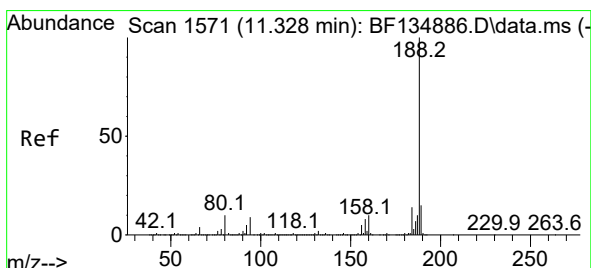
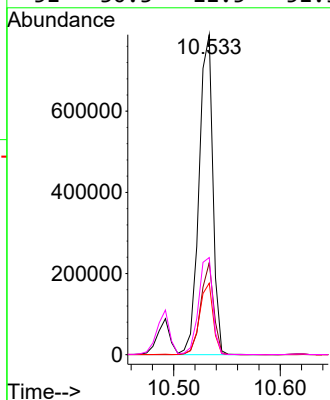
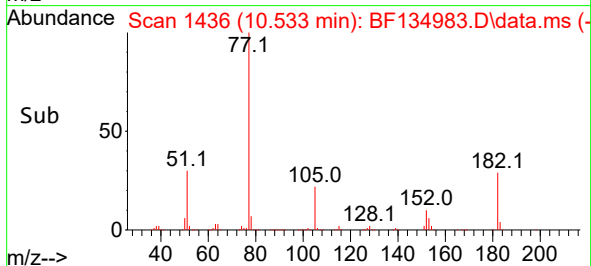


Tgt Ion: 77 Resp: 71477
Ion Ratio Lower Upper
77 100
182 28.8 5.8 45.8
105 22.3 1.6 41.6
51 30.3 11.5 51.5

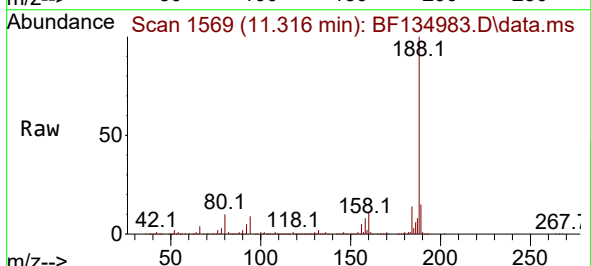
Manual Integrations

APPROVED

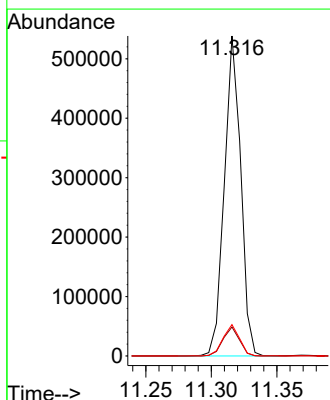
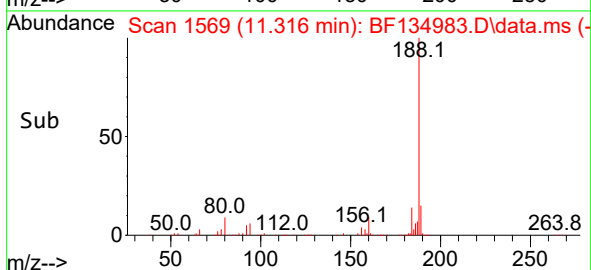
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

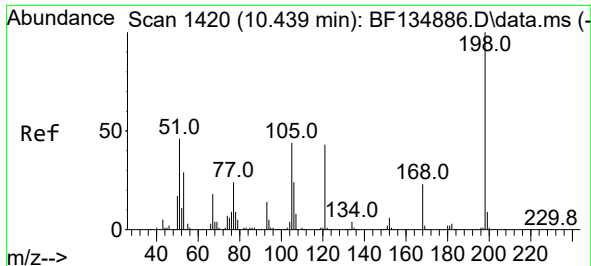


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41



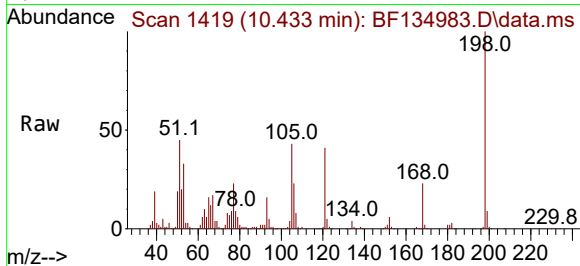
Tgt Ion:188 Resp: 467384
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.8 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 49.302 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

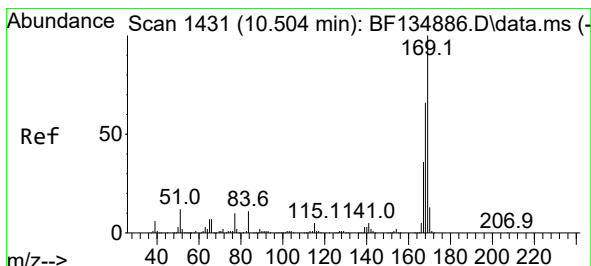
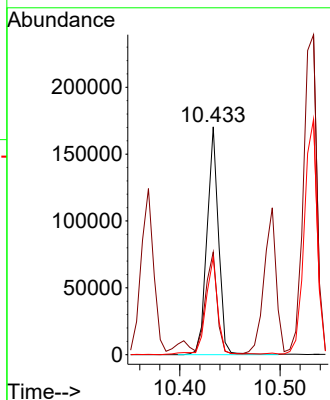
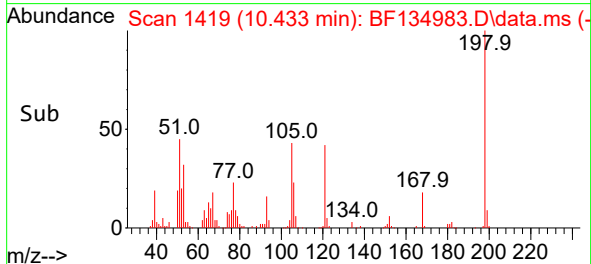
Instrument :
BNA_F
ClientSampleId :
PB155083BS



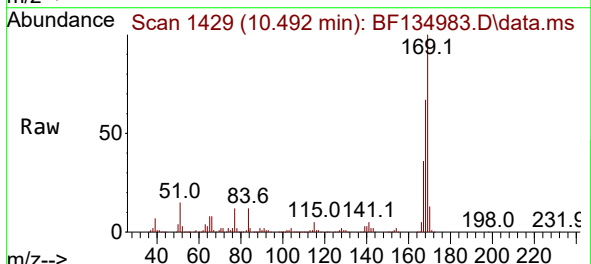
Tgt Ion:198 Resp: 135961
Ion Ratio Lower Upper
198 100
51 45.0 30.3 70.3
105 42.8 24.5 64.5

Manual Integrations
APPROVED

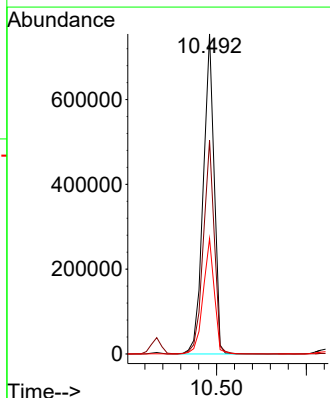
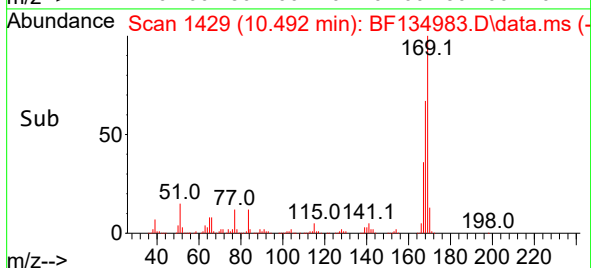
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

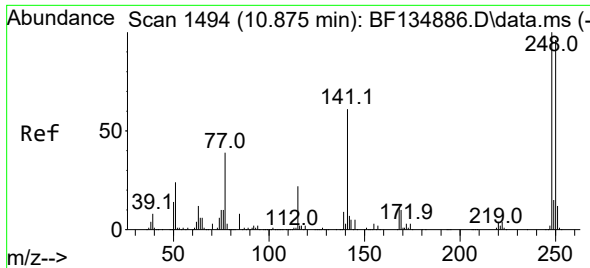


#66
n-Nitrosodiphenylamine
Concen: 42.391 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41



Tgt Ion:169 Resp: 638026
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 41.871 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

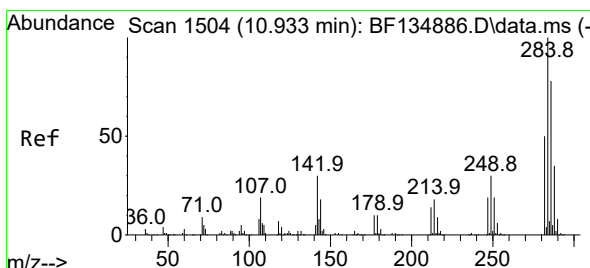
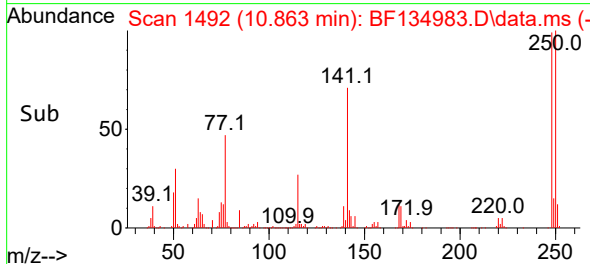
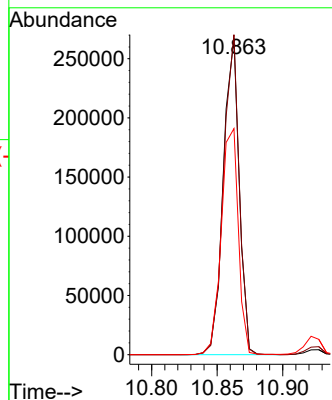
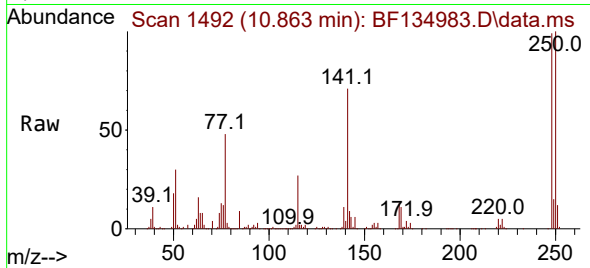
PB155083BS

Tgt Ion:248 Resp: 225777
Ion Ratio Lower Upper
248 100
250 101.2 77.1 115.7
141 71.5 49.0 73.4

Manual Integrations

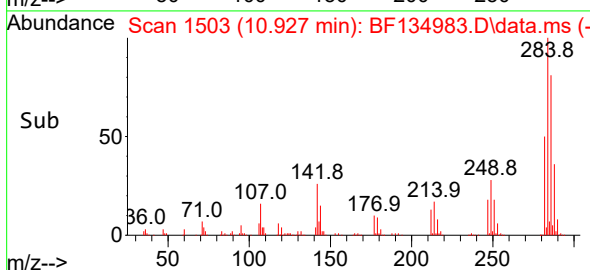
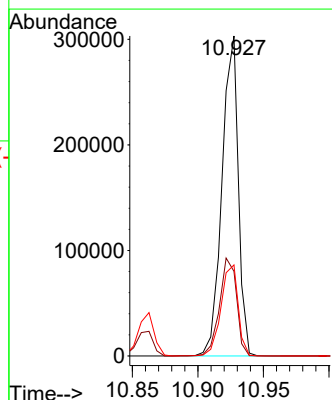
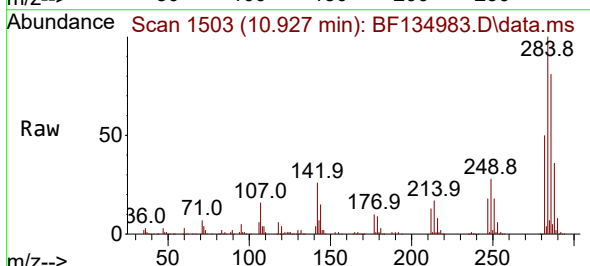
APPROVED

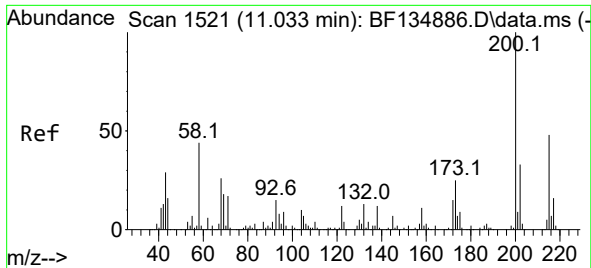
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#68
Hexachlorobenzene
Concen: 45.592 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:284 Resp: 261461
Ion Ratio Lower Upper
284 100
142 26.4 23.9 35.9
249 28.4 24.1 36.1





#69
 Atrazine
 Concen: 54.575 ng
 RT: 11.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

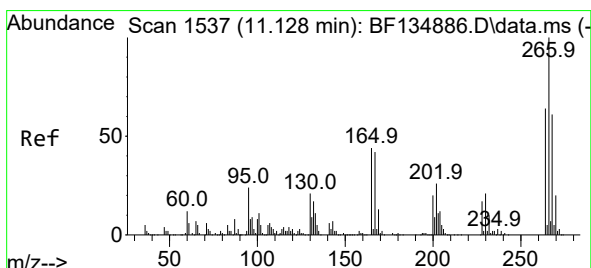
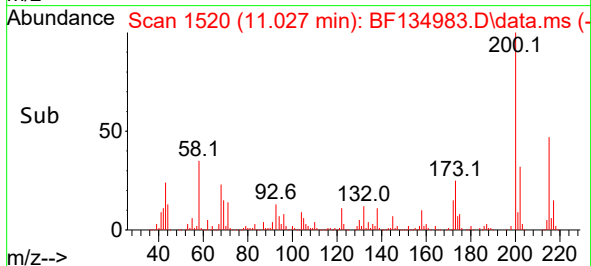
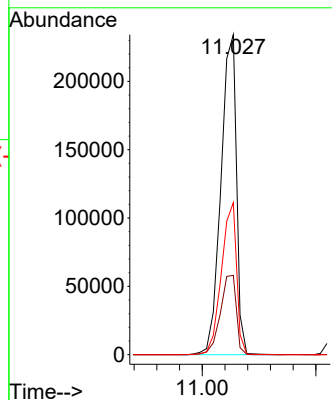
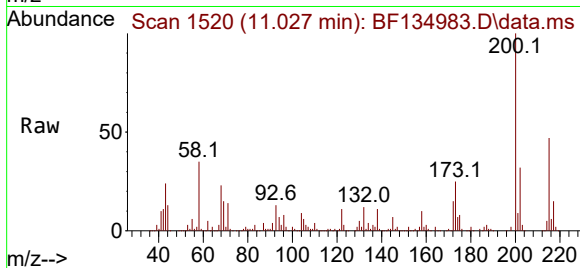
PB155083BS

Tgt Ion:200 Resp: 223052
 Ion Ratio Lower Upper
 200 100
 173 24.8 5.3 45.3
 215 47.5 28.3 68.3

Manual Integrations

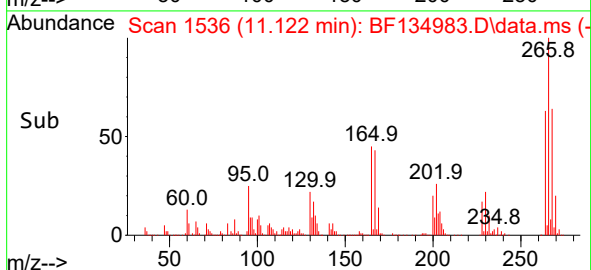
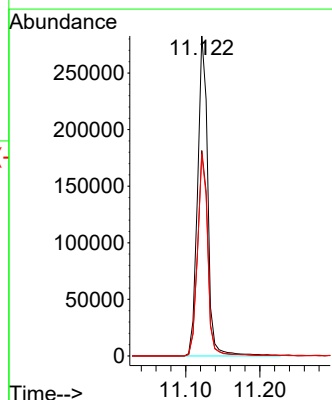
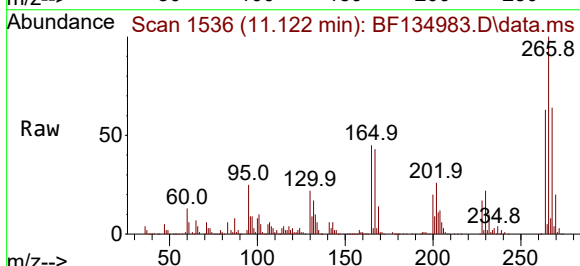
APPROVED

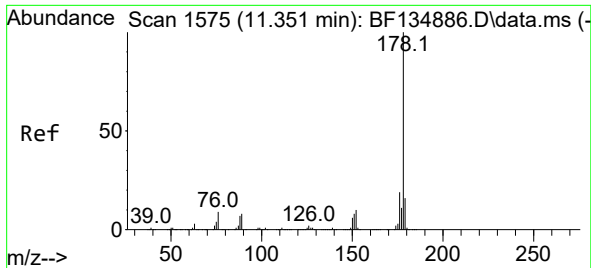
Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023



#70
 Pentachlorophenol
 Concen: 78.116 ng
 RT: 11.122 min Scan# 1536
 Delta R.T. -0.006 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

Tgt Ion:266 Resp: 269597
 Ion Ratio Lower Upper
 266 100
 268 64.2 48.9 73.3
 264 63.1 51.0 76.6





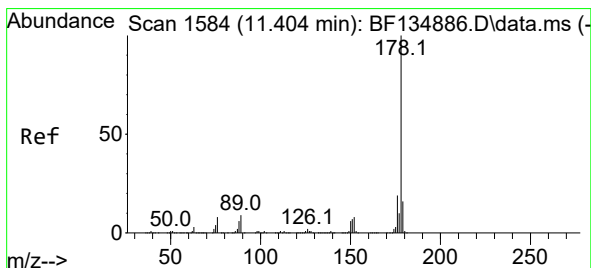
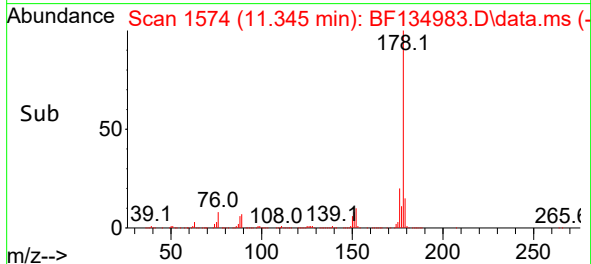
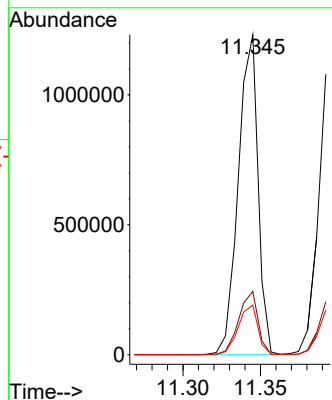
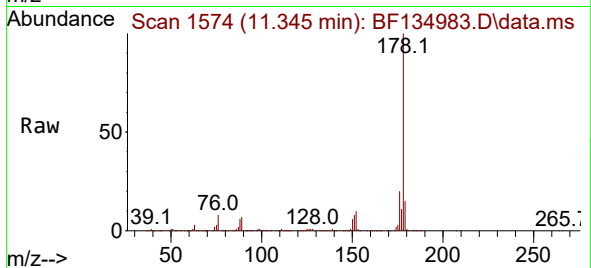
#71
Phenanthrene
Concen: 44.479 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :
BNA_F
ClientSampleId :
PB155083BS

Tgt Ion:178 Resp: 108936
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.5 12.6 19.0

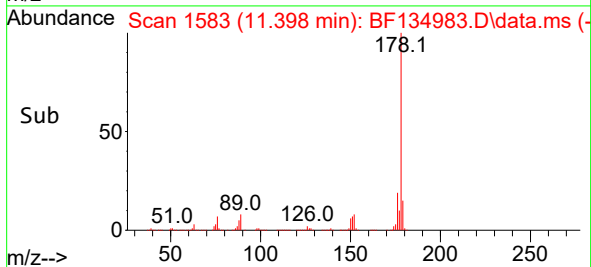
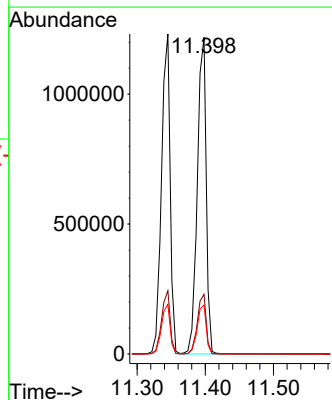
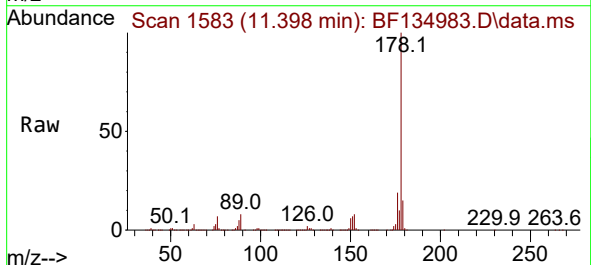
Manual Integrations
APPROVED

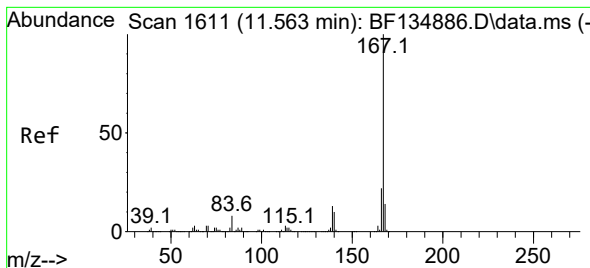
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#72
Anthracene
Concen: 44.100 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:178 Resp: 1106658
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.5 18.7





#73

Carbazole

Concen: 46.269 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

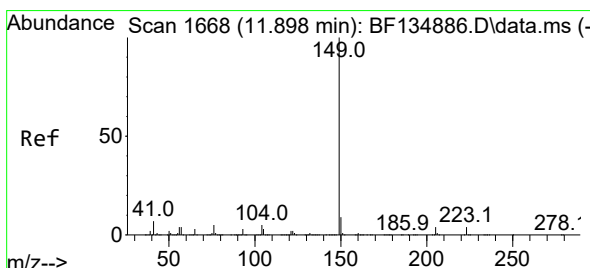
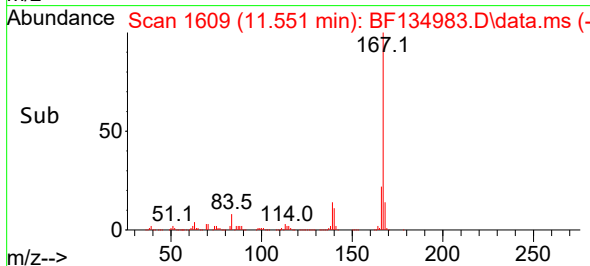
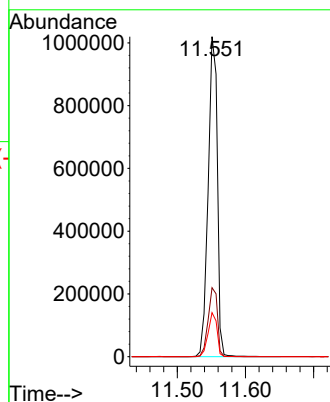
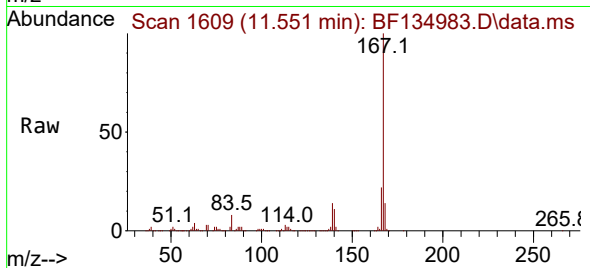
Tgt Ion:167	Resp: 956750
Ion Ratio	Lower Upper
167	100
166	21.6 17.4 26.2
139	13.7 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#74

Di-n-butylphthalate

Concen: 45.534 ng

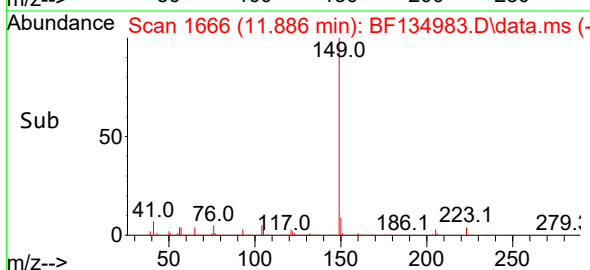
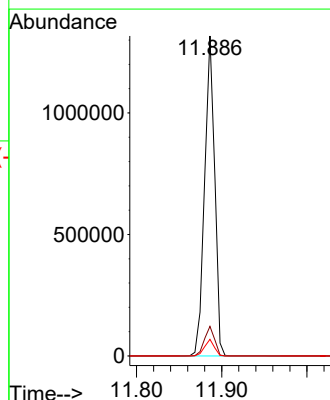
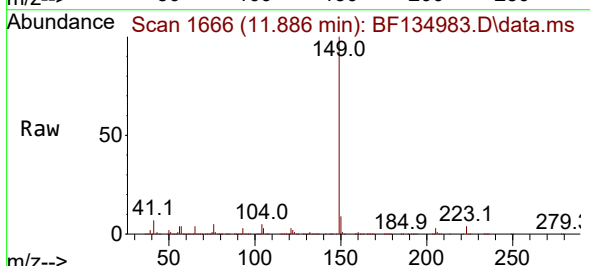
RT: 11.886 min Scan# 1666

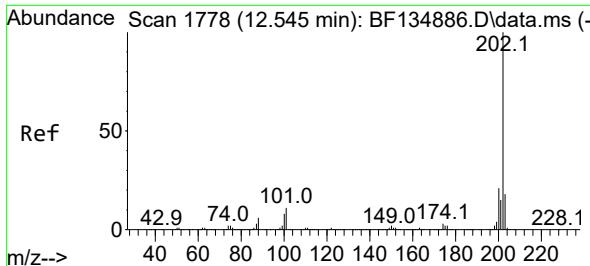
Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

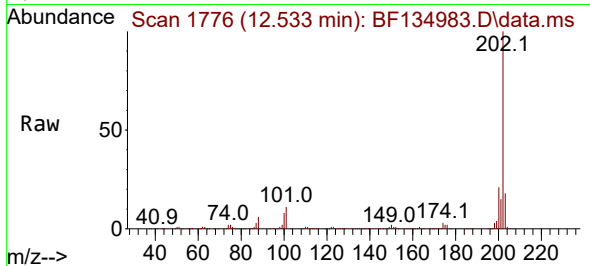
Tgt Ion:149	Resp: 1079883
Ion Ratio	Lower Upper
149	100
150	9.3 7.4 11.2
104	5.2 4.1 6.1





#75
Fluoranthene
Concen: 47.440 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

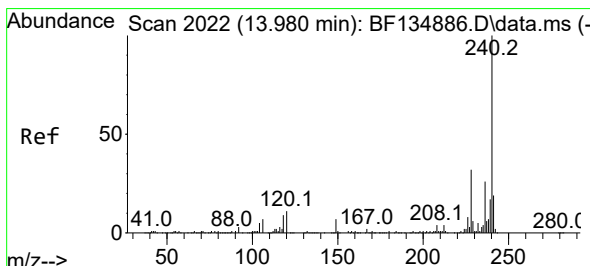
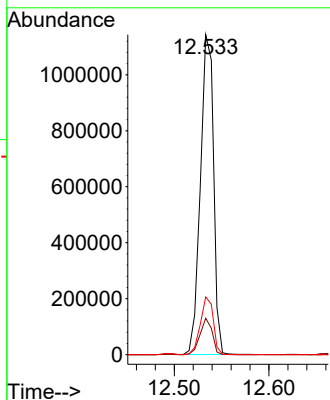
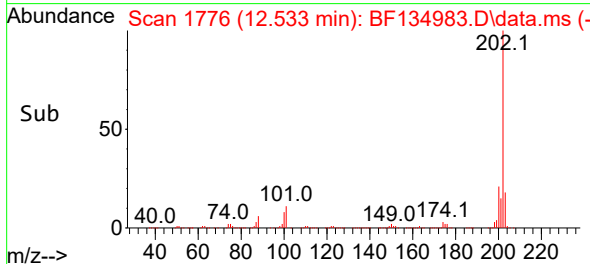
Instrument :
BNA_F
ClientSampleId :
PB155083BS



Tgt Ion:202 Resp: 110090
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.5
203 18.1 0.0 37.8

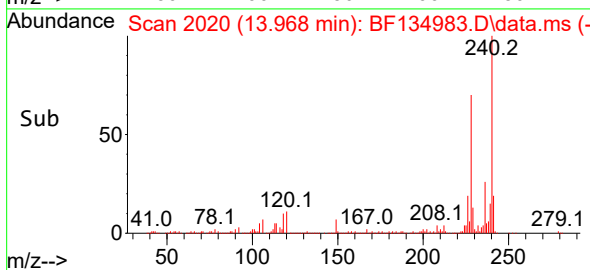
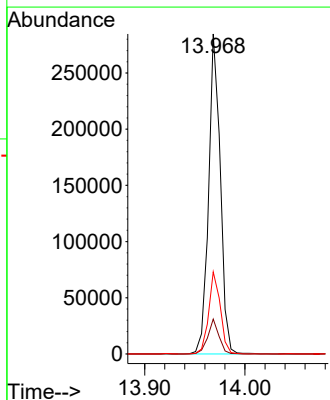
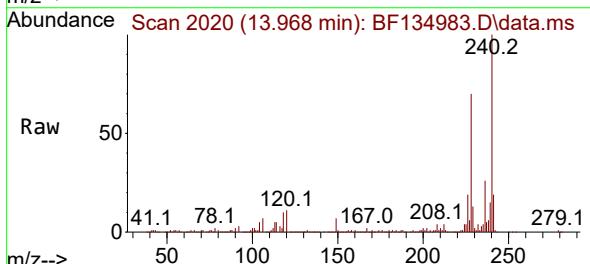
Manual Integrations
APPROVED

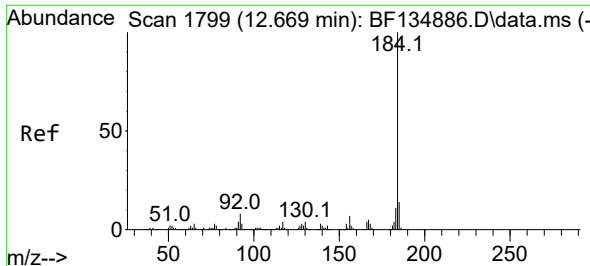
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

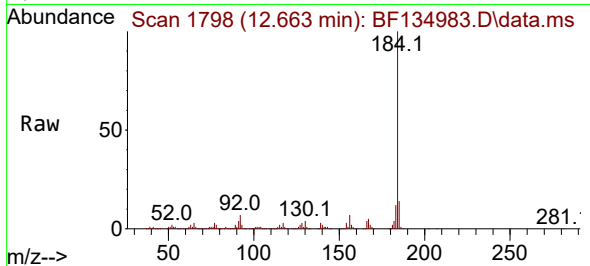
Tgt Ion:240 Resp: 229856
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.7 20.6 31.0





#77
Benzidine
Concen: 133.050 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

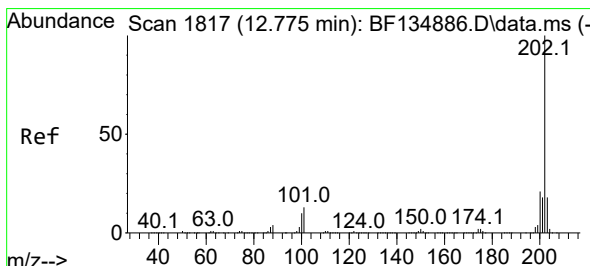
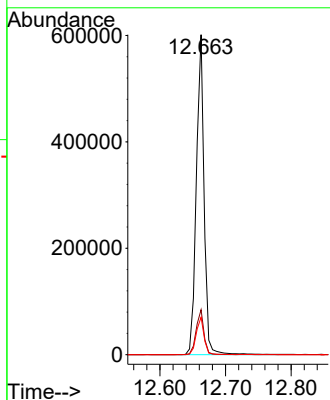
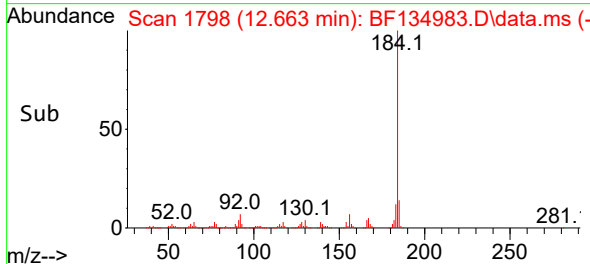
Instrument :
BNA_F
ClientSampleId :
PB155083BS



Tgt Ion:184 Resp: 49619
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.7 9.0 13.4

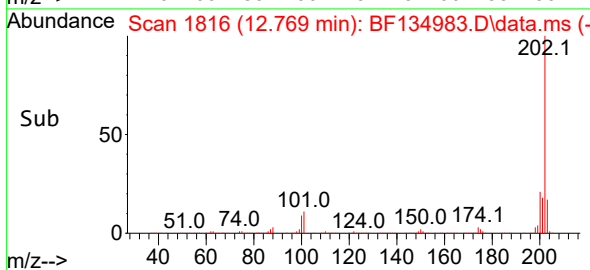
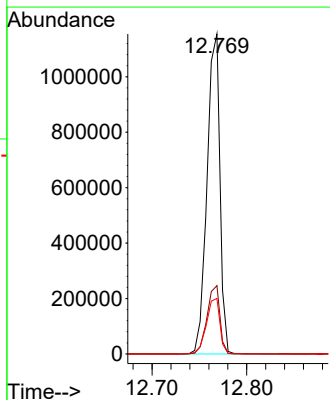
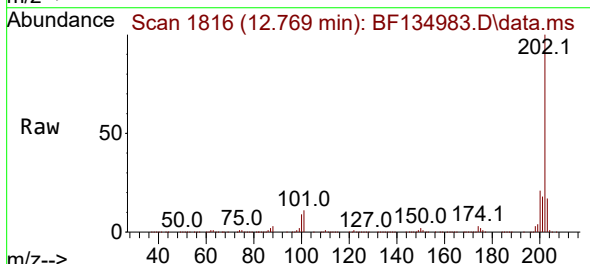
Manual Integrations
APPROVED

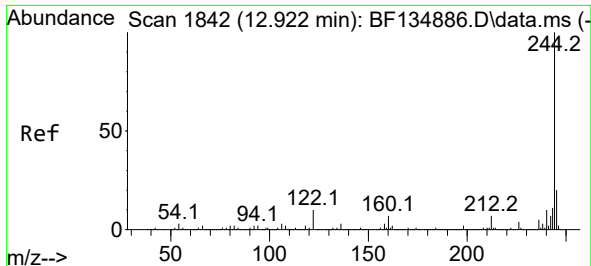
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#78
Pyrene
Concen: 44.635 ng
RT: 12.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:202 Resp: 1087782
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.4 14.2 21.2





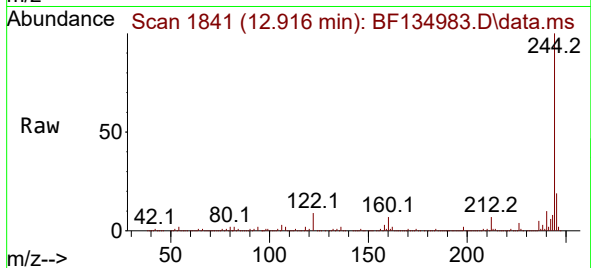
#79
 Terphenyl-d14
 Concen: 91.725 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

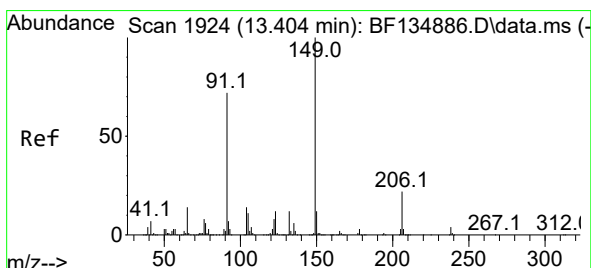
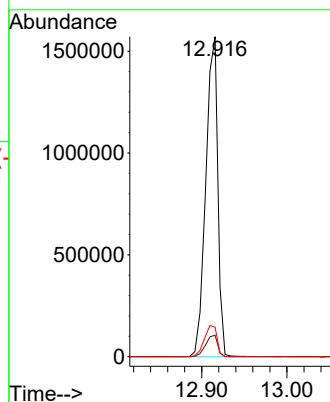
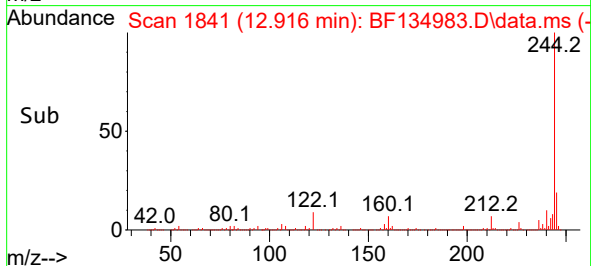


Tgt Ion:244 Resp: 1532900
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.2 8.2 12.4

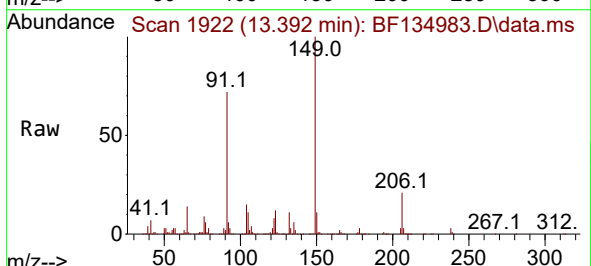
Manual Integrations

APPROVED

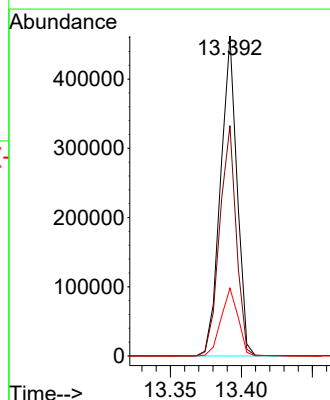
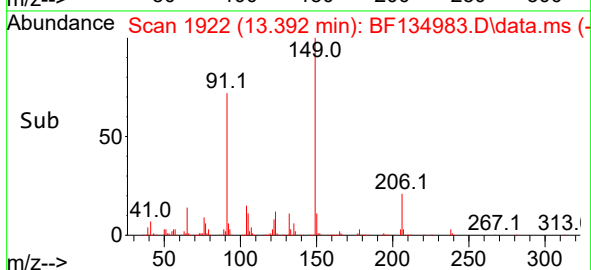
Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023

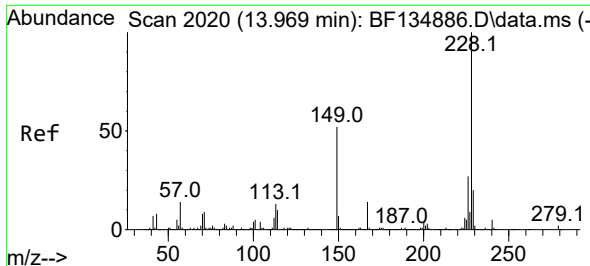


#80
 Butylbenzylphthalate
 Concen: 50.244 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF134983.D
 Acq: 29 Aug 2023 14:41



Tgt Ion:149 Resp: 373068
 Ion Ratio Lower Upper
 149 100
 91 71.9 57.2 85.8
 206 21.2 18.0 27.0





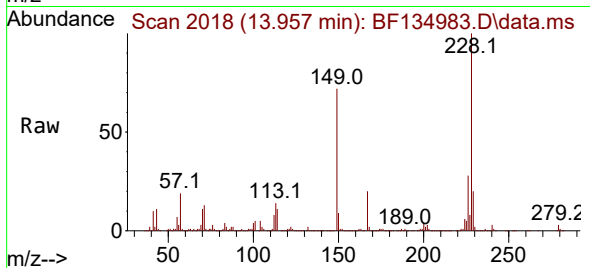
#81
Benzo(a)anthracene
Concen: 44.556 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

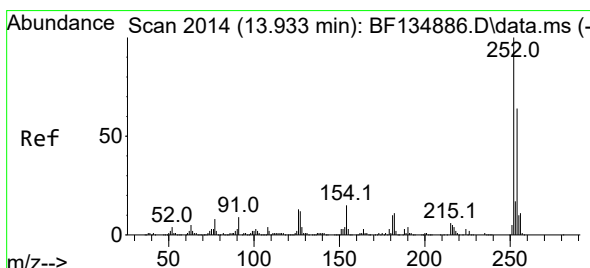
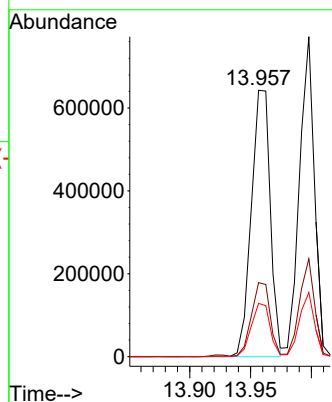
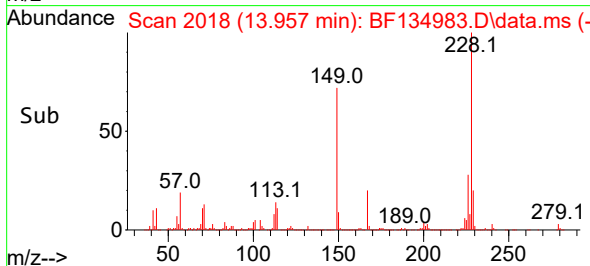


Tgt Ion:228 Resp: 698748
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 20.0 15.6 23.4

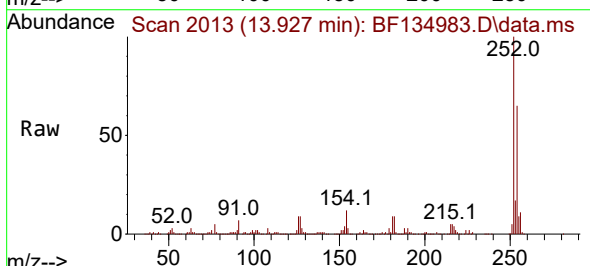
Manual Integrations

APPROVED

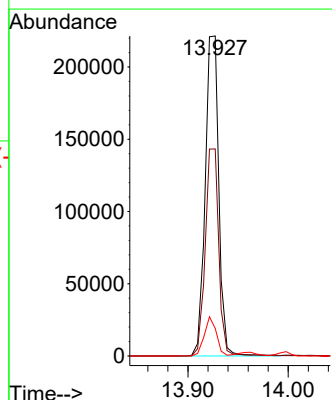
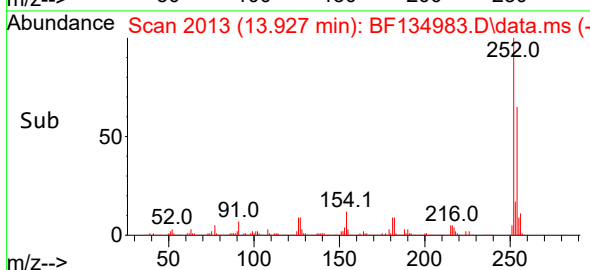
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

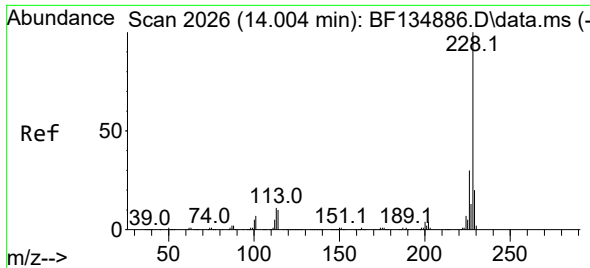


#82
3,3'-Dichlorobenzidine
Concen: 42.325 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41



Tgt Ion:252 Resp: 210085
Ion Ratio Lower Upper
252 100
254 64.7 51.6 77.4
126 8.6 10.3 15.5#





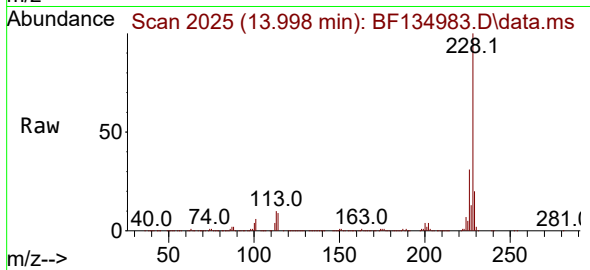
#83
Chrysene
Concen: 42.799 ng
RT: 13.998 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

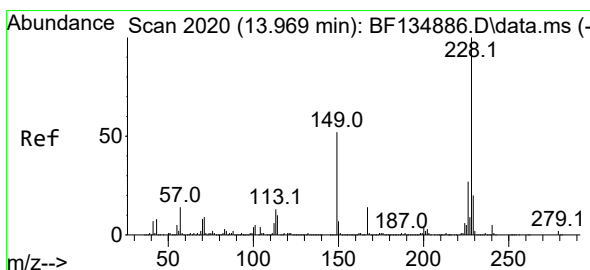
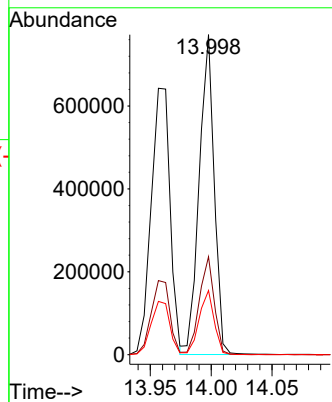
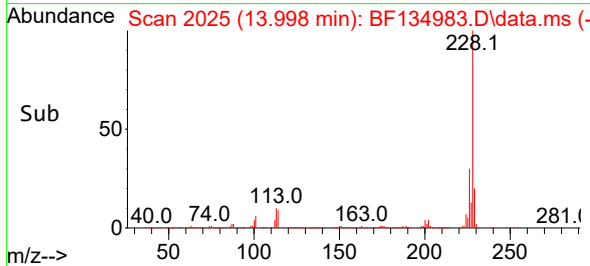


Tgt Ion:228 Resp: 662252
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 20.1 16.0 24.0

Manual Integrations

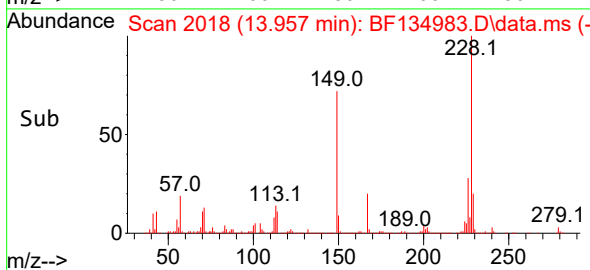
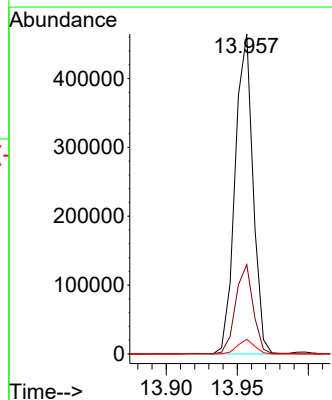
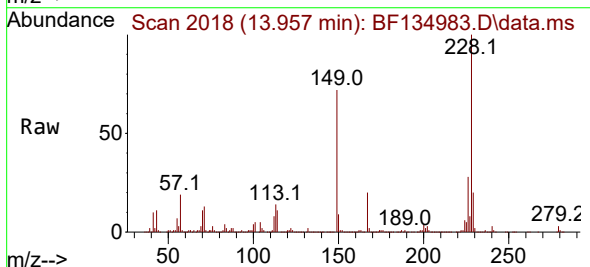
APPROVED

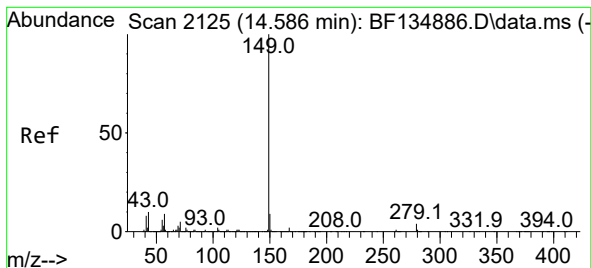
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.812 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:149 Resp: 408691
Ion Ratio Lower Upper
149 100
167 27.9 22.1 33.1
279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 42.955 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

ClientSampleId :

PB155083BS

Tgt Ion:149 Resp: 563389

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

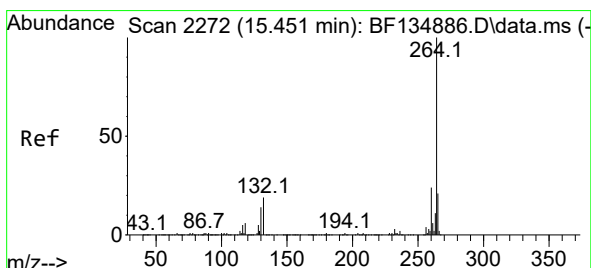
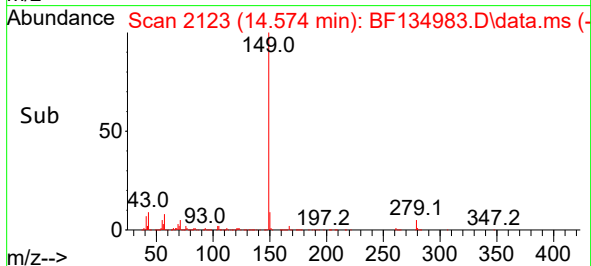
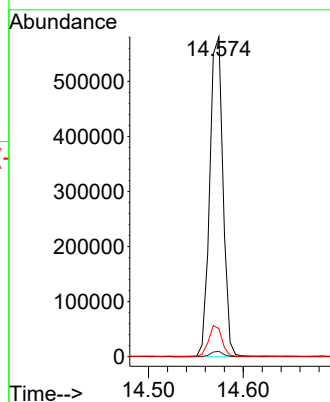
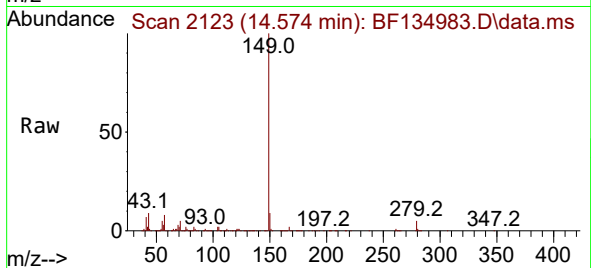
43 9.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.012 min

Lab File: BF134983.D

Acq: 29 Aug 2023 14:41

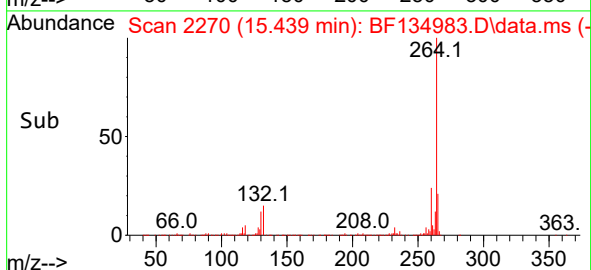
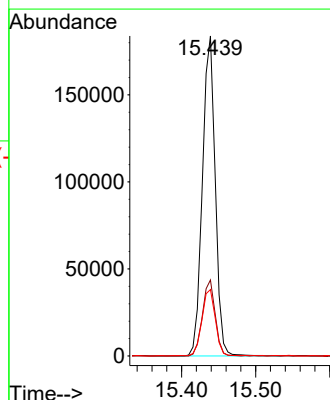
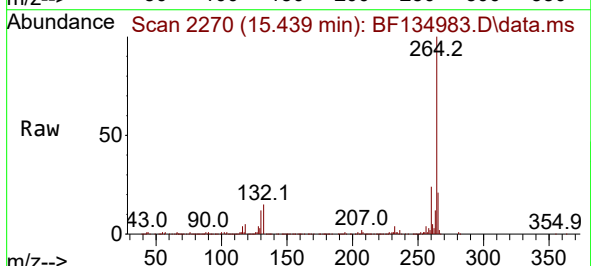
Tgt Ion:264 Resp: 221402

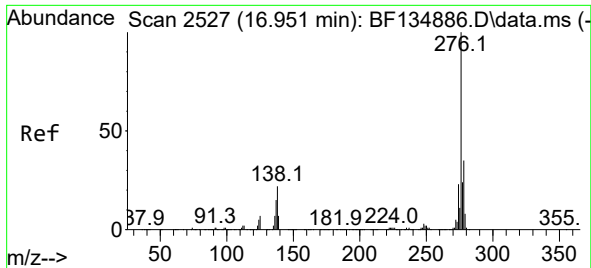
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

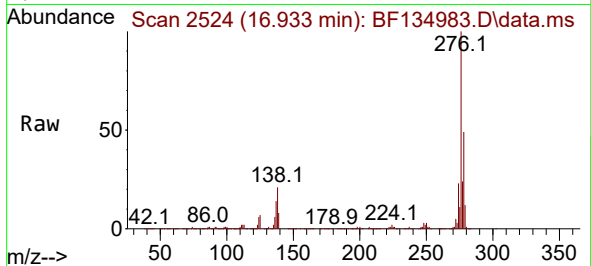
265 20.8 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.767 ng
RT: 16.933 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

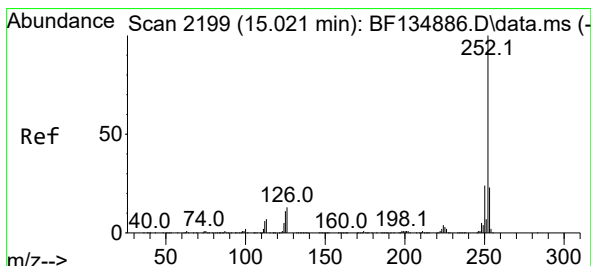
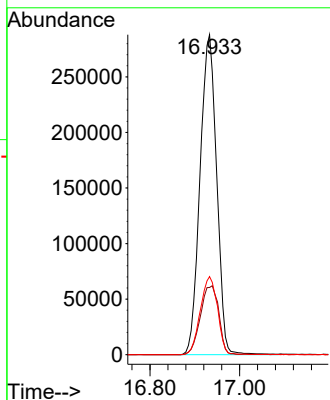
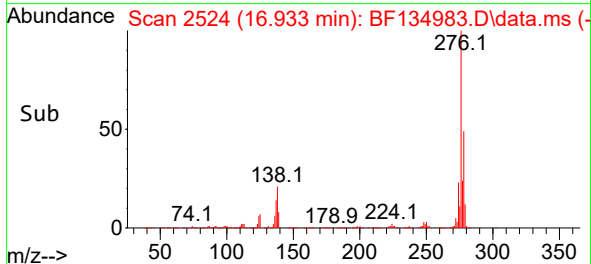
Instrument :
BNA_F
ClientSampleId :
PB155083BS



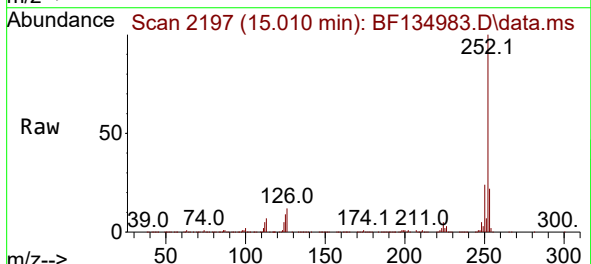
Tgt Ion: 276 Resp: 740119
Ion Ratio Lower Upper
276 100
138 23.7 19.7 29.5
277 25.2 20.1 30.1

Manual Integrations
APPROVED

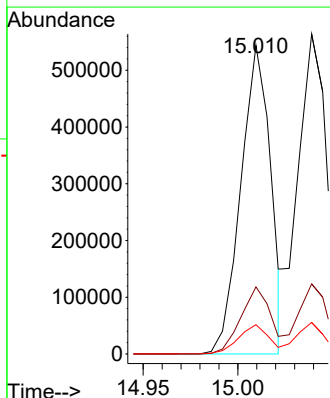
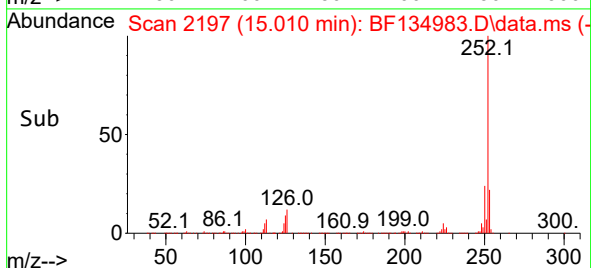
Reviewed By : Yogesh Patel 08/30/2023
Supervised By : mohammad ahmed 08/30/2023

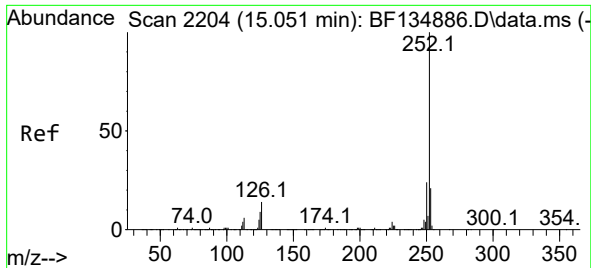


#88
Benzo(b)fluoranthene
Concen: 47.904 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41



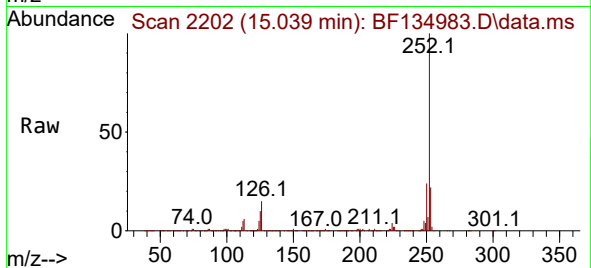
Tgt Ion: 252 Resp: 598389
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 9.5 8.4 12.6





#89
Benzo(k)fluoranthene
Concen: 48.696 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

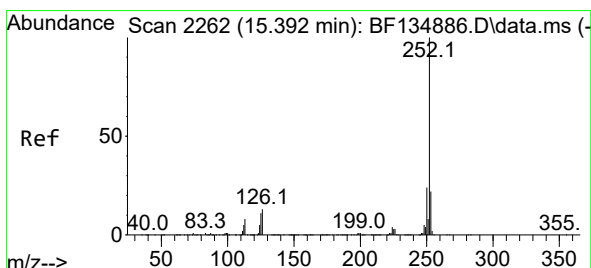
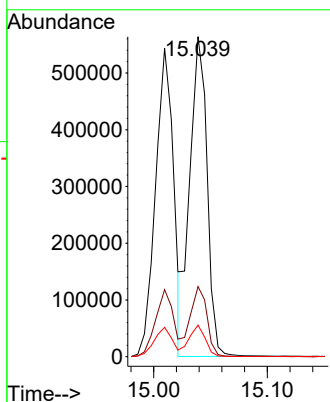
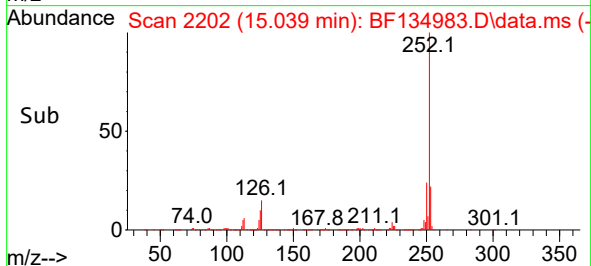
Instrument :
BNA_F
ClientSampleId :
PB155083BS



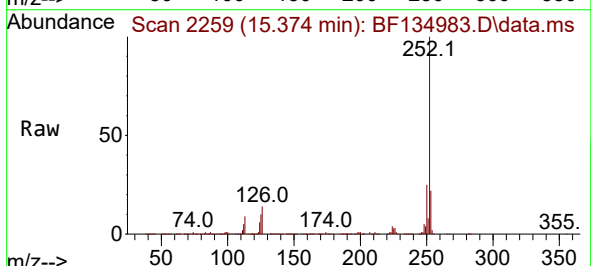
Tgt Ion:252 Resp: 59732
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.8 8.0 12.0

Manual Integrations
APPROVED

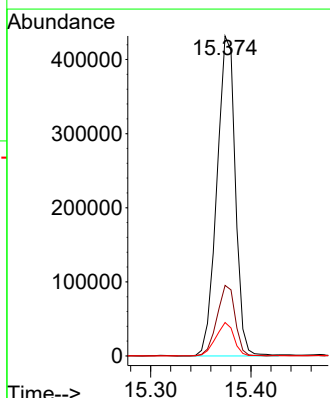
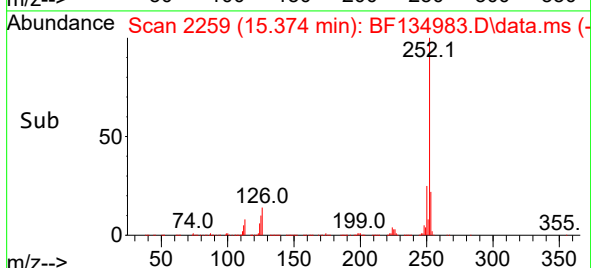
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

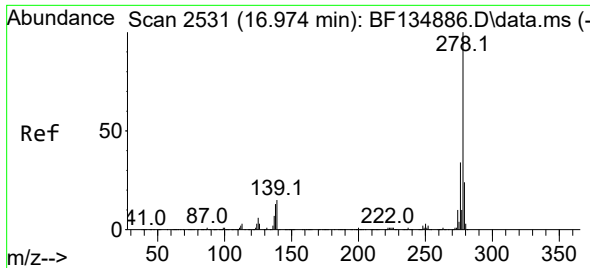


#90
Benzo(a)pyrene
Concen: 44.103 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.018 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41



Tgt Ion:252 Resp: 549965
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.4 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 46.755 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Instrument :

BNA_F

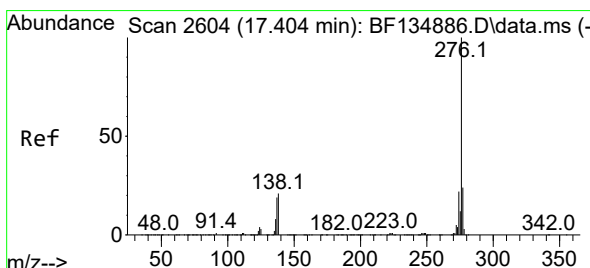
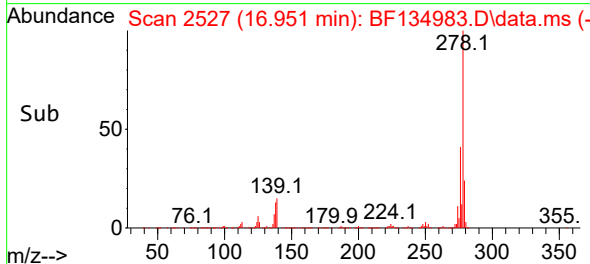
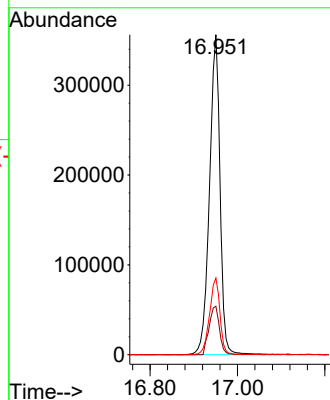
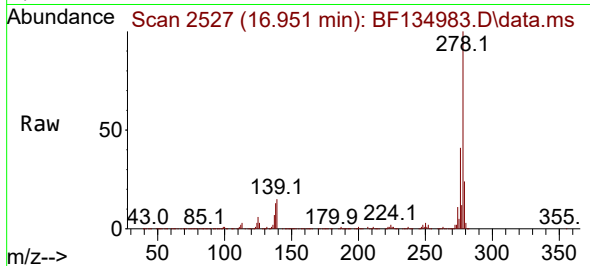
ClientSampleId :

PB155083BS

Tgt Ion:278 Resp: 59868
Ion Ratio Lower Upper
278 100
139 15.2 12.2 18.4
279 23.9 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#92
Benzo(g,h,i)perylene
Concen: 45.987 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.018 min
Lab File: BF134983.D
Acq: 29 Aug 2023 14:41

Tgt Ion:276 Resp: 602805
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 20.1 17.0 25.6

