

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135038.D
 Acq On : 31 Aug 2023 13:17
 Operator : CG\JU
 Sample : PB155191BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155191BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 31 16:10:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	123372	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	508672	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	264832	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	494541	20.000	ng	0.00
76) Chrysene-d12	13.968	240	300173	20.000	ng	0.00
86) Perylene-d12	15.433	264	241716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1001506	125.388	ng	0.02
7) Phenol-d6	6.422	99	1248801	125.438	ng	0.00
23) Nitrobenzene-d5	7.339	82	790309	87.286	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	347439	123.674	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1366811	84.027	ng	0.00
79) Terphenyl-d14	12.910	244	1533455	83.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	125495	37.092	ng	99
3) Pyridine	3.340	79	329750	36.152	ng	99
4) n-Nitrosodimethylamine	3.299	42	208327	46.704	ng	100
6) Aniline	6.439	93	487672	39.514	ng	# 81
8) 2-Chlorophenol	6.563	128	405500	49.973	ng	98
9) Benzaldehyde	6.328	77	246520	48.597	ng	97
10) Phenol	6.434	94	481766	46.095	ng	90
11) bis(2-Chloroethyl)ether	6.516	93	376335	47.817	ng	99
12) 1,3-Dichlorobenzene	6.716	146	406128	48.579	ng	98
13) 1,4-Dichlorobenzene	6.792	146	413095	49.370	ng	98
14) 1,2-Dichlorobenzene	6.939	146	394422	50.514	ng	99
15) Benzyl Alcohol	6.922	79	341381	50.051	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	610852	46.348	ng	99
17) 2-Methylphenol	7.034	107	320985	45.395	ng	97
18) Hexachloroethane	7.281	117	152636	49.245	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	262365	44.367	ng	94
20) 3+4-Methylphenols	7.186	107	375306	44.990	ng	97
22) Acetophenone	7.186	105	515740	45.583	ng	# 99
24) Nitrobenzene	7.363	77	411190	44.273	ng	97
25) Isophorone	7.598	82	758717	44.197	ng	100
26) 2-Nitrophenol	7.675	139	219697	47.877	ng	99
27) 2,4-Dimethylphenol	7.716	122	351781	47.617	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	448851	43.344	ng	98
29) 2,4-Dichlorophenol	7.916	162	324048	46.151	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	354015	46.656	ng	100
31) Naphthalene	8.075	128	1129743	45.465	ng	99
32) Benzoic acid	7.851	122	272234	46.065	ng	97
33) 4-Chloroaniline	8.128	127	394766	36.322	ng	97
34) Hexachlorobutadiene	8.192	225	197017	45.753	ng	97
35) Caprolactam	8.504	113	113185m	49.233	ng	
36) 4-Chloro-3-methylphenol	8.622	107	358952	47.068	ng	98
37) 2-Methylnaphthalene	8.769	142	718784	43.354	ng	100
38) 1-Methylnaphthalene	8.869	142	671473	43.284	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	325120	43.854	ng	99
41) Hexachlorocyclopentadiene	8.922	237	342851	108.655	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	230494	46.294	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135038.D
 Acq On : 31 Aug 2023 13:17
 Operator : CG\JU
 Sample : PB155191BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155191BS

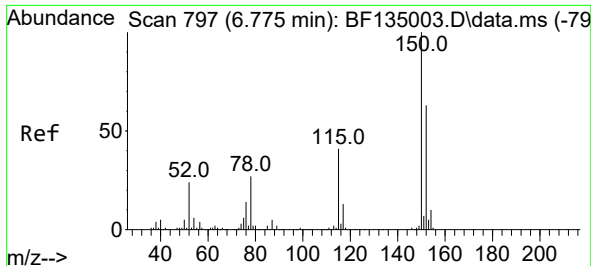
Manual Integrations
 APPROVED

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

Quant Time: Aug 31 16:10:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	247038	42.857	ng	94
46) 1,1'-Biphenyl	9.239	154	889511	43.962	ng	99
47) 2-Chloronaphthalene	9.263	162	689694	45.328	ng	100
48) 2-Nitroaniline	9.363	65	240282	46.132	ng	94
49) Acenaphthylene	9.675	152	1031015	44.825	ng	99
50) Dimethylphthalate	9.545	163	823332	44.399	ng	99
51) 2,6-Dinitrotoluene	9.610	165	187583	46.101	ng	87
52) Acenaphthene	9.851	154	653399	44.577	ng	99
53) 3-Nitroaniline	9.775	138	183243	38.660	ng	99
54) 2,4-Dinitrophenol	9.892	184	216373	111.264	ng	91
55) Dibenzofuran	10.022	168	921956	43.603	ng	100
56) 4-Nitrophenol	9.951	139	334962	100.534	ng	95
57) 2,4-Dinitrotoluene	10.016	165	235115	46.366	ng	95
58) Fluorene	10.369	166	720480	44.695	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	209939	47.298	ng	98
60) Diethylphthalate	10.245	149	770372	44.132	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	349615	43.847	ng	94
62) 4-Nitroaniline	10.398	138	206180	44.456	ng	99
63) Azobenzene	10.522	77	771669	43.903	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	148009	49.451	ng	92
66) n-Nitrosodiphenylamine	10.486	169	671881	43.694	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	225798	43.047	ng	96
68) Hexachlorobenzene	10.916	284	249072	45.922	ng	96
70) Pentachlorophenol	11.116	266	270783	82.522	ng	98
71) Phenanthrene	11.333	178	1132500	44.388	ng	100
72) Anthracene	11.386	178	1148146	44.045	ng	99
73) Carbazole	11.545	167	1030879	45.850	ng	99
74) Di-n-butylphthalate	11.880	149	1182272	43.621	ng	100
75) Fluoranthene	12.527	202	1176967	45.627	ng	99
77) Benzidine	12.657	184	607020	112.181	ng	98
78) Pyrene	12.763	202	1197257	42.009	ng	99
80) Butylbenzylphthalate	13.386	149	477449	46.373	ng	99
81) Benzo(a)anthracene	13.957	228	889943	43.463	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	305009	49.365	ng	98
83) Chrysene	13.992	228	872633	43.365	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	538269	50.517	ng	100
85) Di-n-octyl phthalate	14.568	149	832548	51.191	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	739656	45.430	ng	98
88) Benzo(b)fluoranthene	15.010	252	737021	49.004	ng	98
89) Benzo(k)fluoranthene	15.039	252	697591	48.011	ng	99
90) Benzo(a)pyrene	15.374	252	614023	43.948	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	609642	46.232	ng	98
92) Benzo(g,h,i)perylene	17.374	276	620242	45.225	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

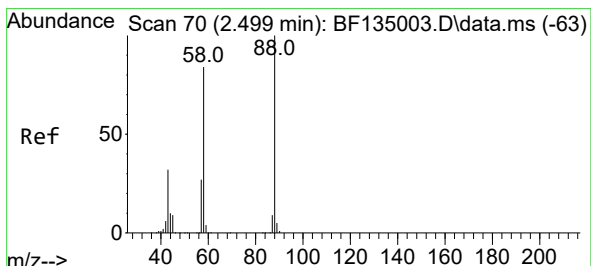
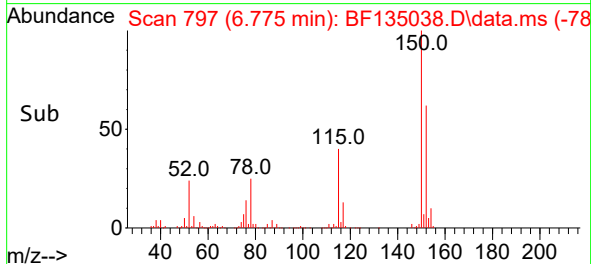
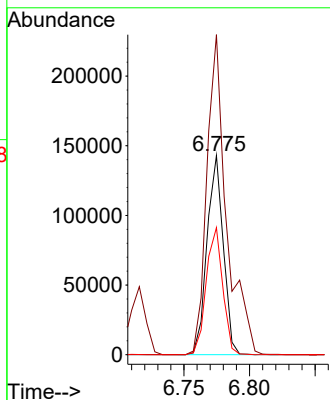
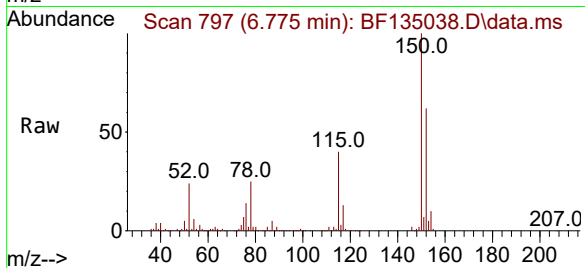
PB155191BS

Tgt Ion:152 Resp: 123372
 Ion Ratio Lower Upper
 152 100
 150 160.6 126.2 189.4
 115 63.8 51.2 76.8

Manual Integrations

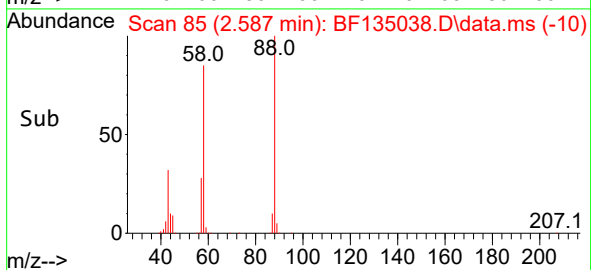
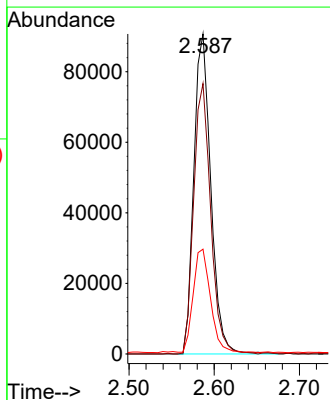
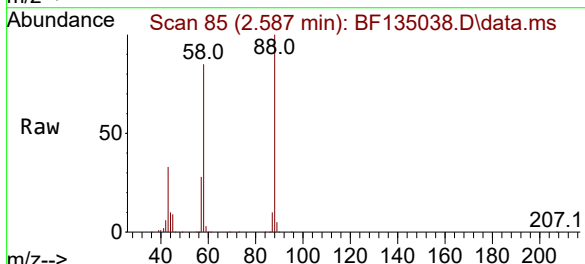
APPROVED

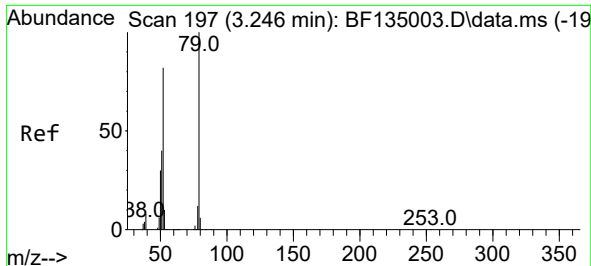
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023



#2
 1,4-Dioxane
 Concen: 37.092 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.088 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

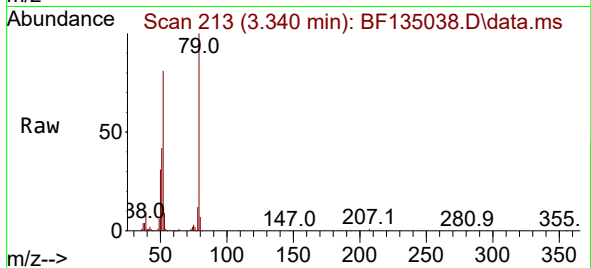
Tgt Ion: 88 Resp: 125495
 Ion Ratio Lower Upper
 88 100
 58 84.8 67.1 100.7
 43 33.0 25.9 38.9





#3
Pyridine
Concen: 36.152 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.094 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

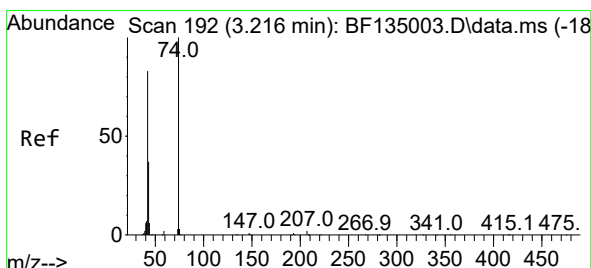
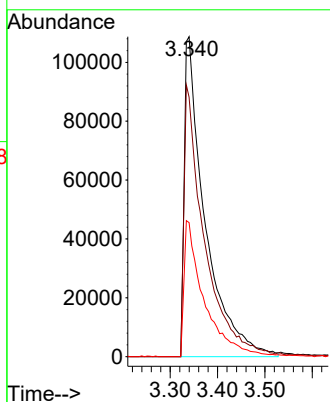
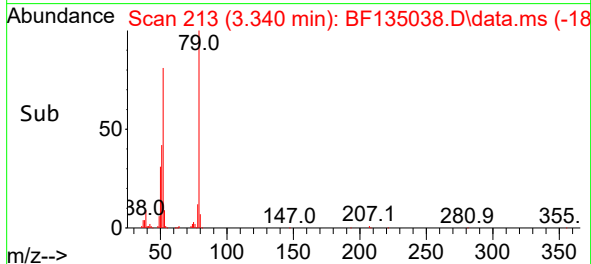
Instrument :
BNA_F
ClientSampleId :
PB155191BS



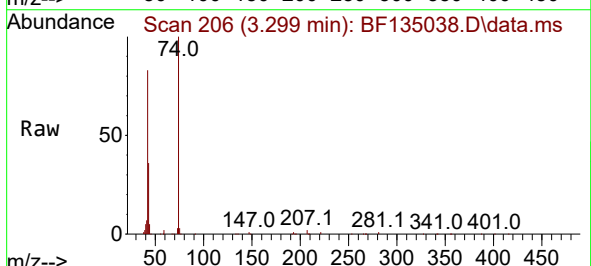
Tgt Ion: 79 Resp: 329750
Ion Ratio Lower Upper
79 100
52 81.1 65.4 98.2
51 41.9 32.6 49.0

Manual Integrations
APPROVED

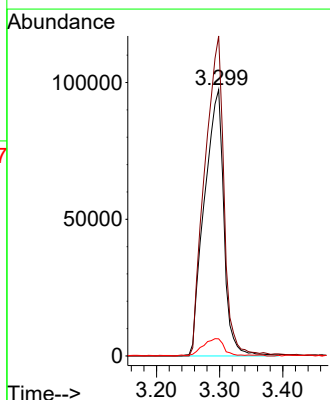
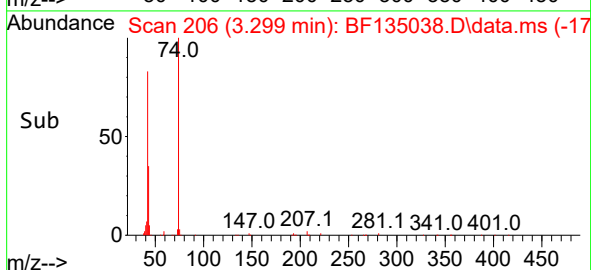
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

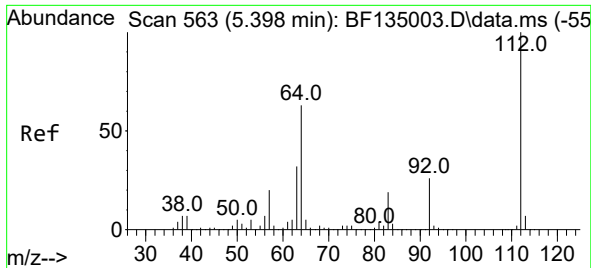


#4
n-Nitrosodimethylamine
Concen: 46.704 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.082 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17



Tgt Ion: 42 Resp: 208327
Ion Ratio Lower Upper
42 100
74 120.2 96.2 144.2
44 6.4 5.8 8.6





#5
2-Fluorophenol
Concen: 125.388 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

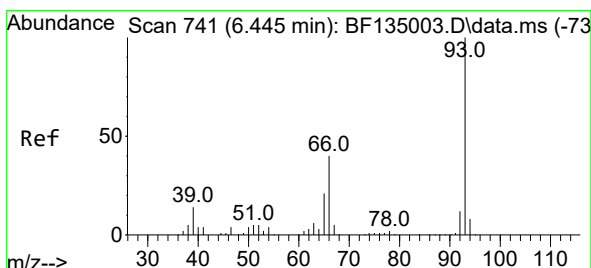
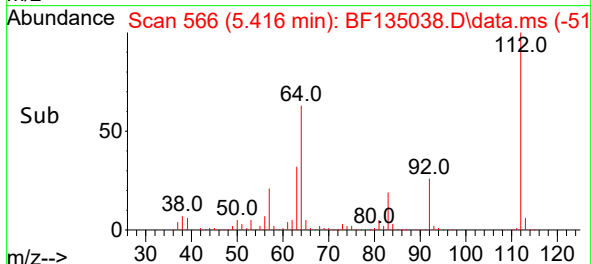
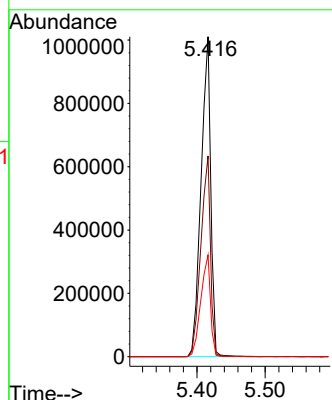
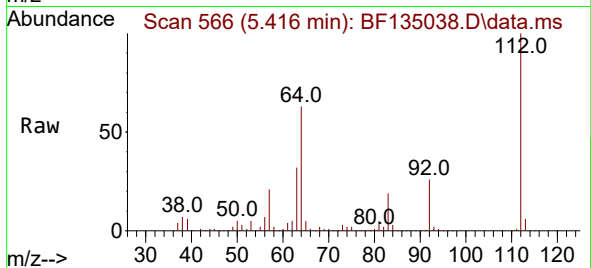
PB155191BS

Tgt Ion:112 Resp: 1001500
Ion Ratio Lower Upper
112 100
64 62.7 50.5 75.7
63 31.7 25.9 38.9

Manual Integrations

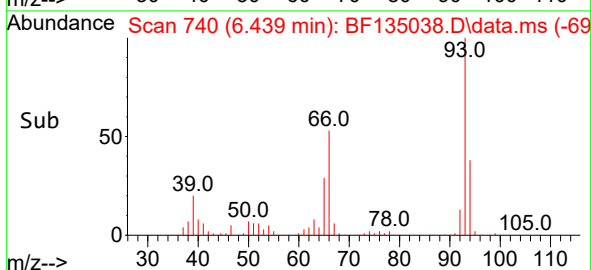
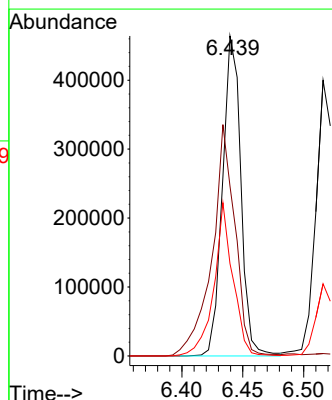
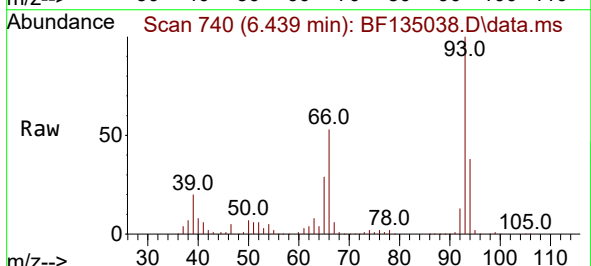
APPROVED

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



#6
Aniline
Concen: 39.514 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

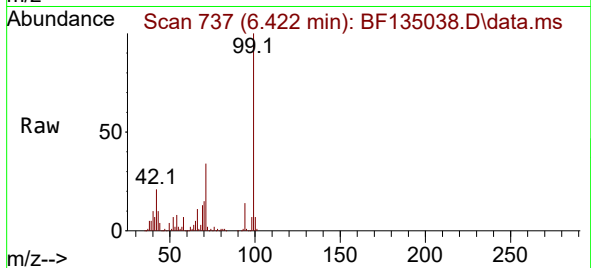
Tgt Ion: 93 Resp: 487672
Ion Ratio Lower Upper
93 100
66 53.2 32.4 48.6#
65 28.9 16.6 24.8#





#7
Phenol-d6
Concen: 125.438 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

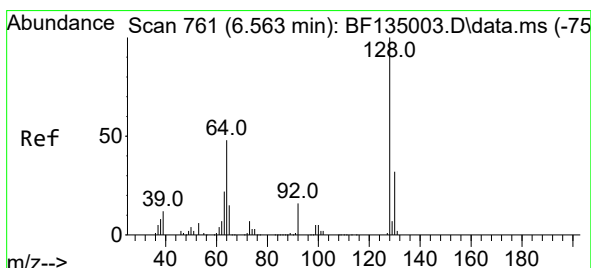
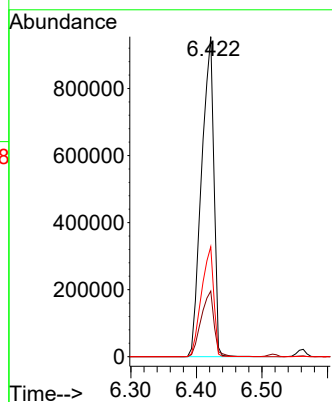
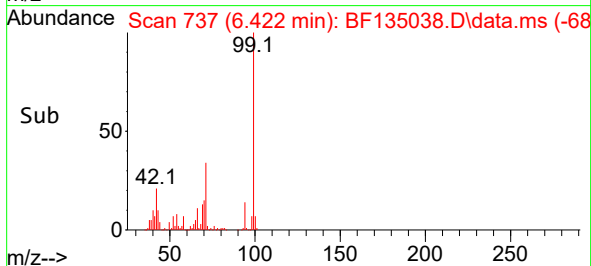
Instrument :
BNA_F
ClientSampleId :
PB155191BS



Tgt Ion: 99 Resp: 124880
Ion Ratio Lower Upper
99 100
42 20.5 16.6 25.0
71 34.4 27.0 40.6

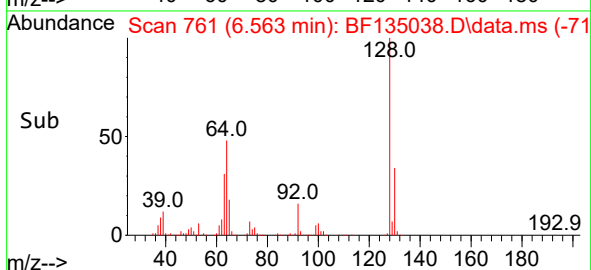
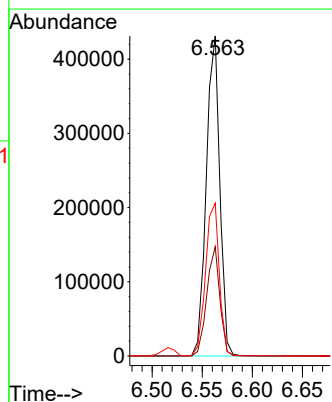
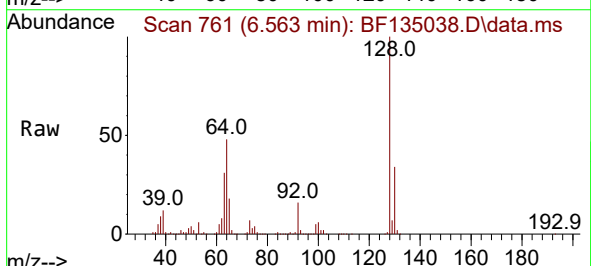
Manual Integrations
APPROVED

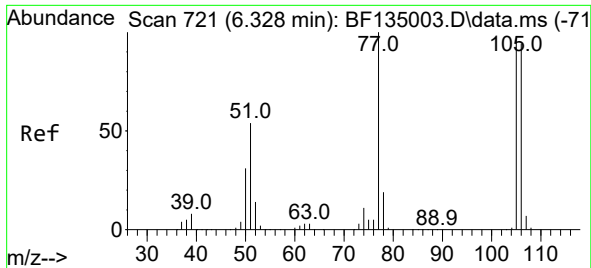
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#8
2-Chlorophenol
Concen: 49.973 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

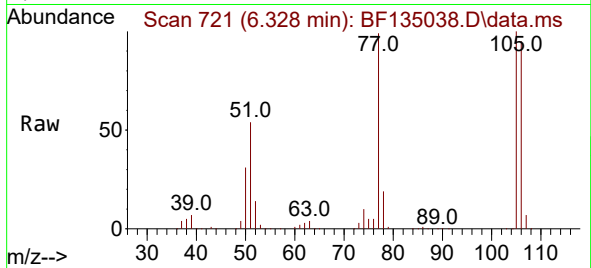
Tgt Ion:128 Resp: 405500
Ion Ratio Lower Upper
128 100
130 34.2 12.2 52.2
64 47.8 29.0 69.0





#9
Benzaldehyde
Concen: 48.597 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

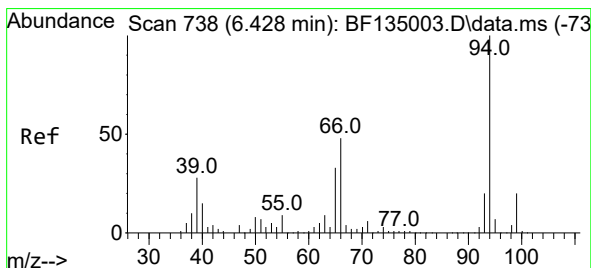
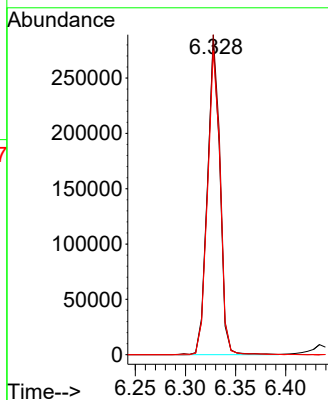
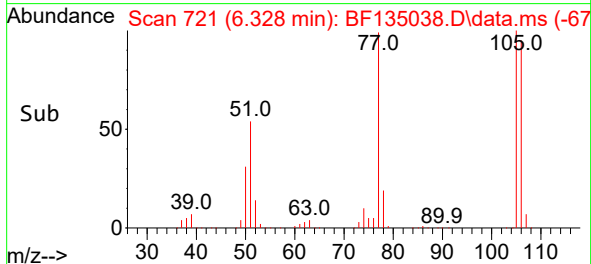
Instrument :
BNA_F
ClientSampleId :
PB155191BS



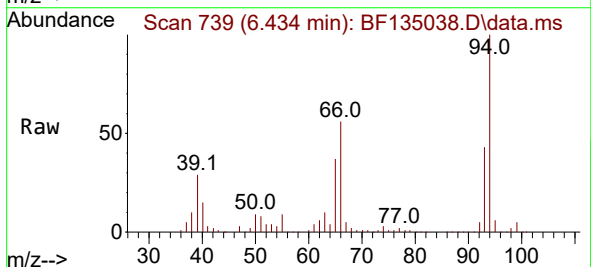
Tgt Ion: 77 Resp: 246520
Ion Ratio Lower Upper
77 100
105 101.5 78.4 118.4
106 96.4 74.3 114.3

Manual Integrations
APPROVED

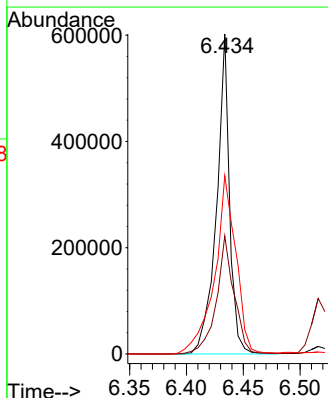
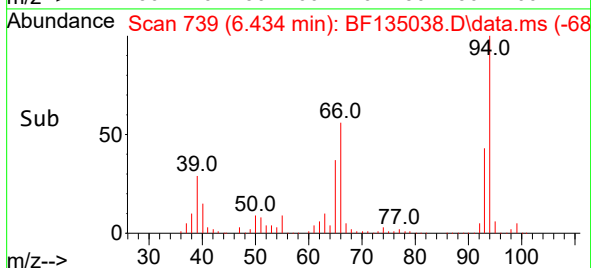
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

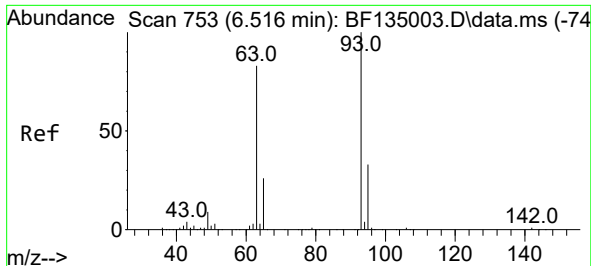


#10
Phenol
Concen: 46.095 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17



Tgt Ion: 94 Resp: 481766
Ion Ratio Lower Upper
94 100
65 36.9 13.2 53.2
66 55.7 27.5 67.5





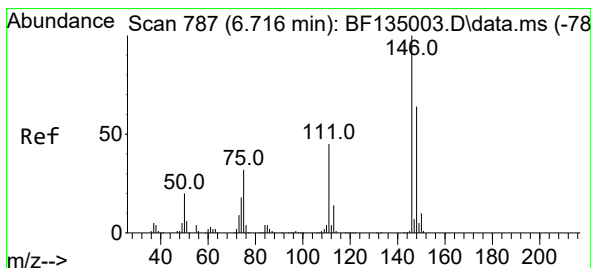
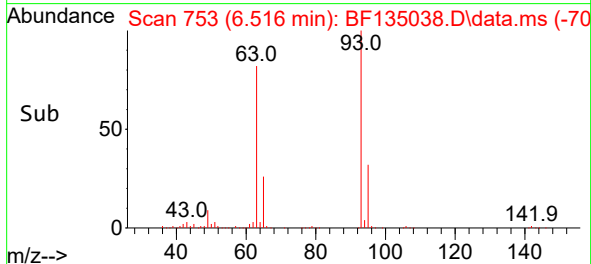
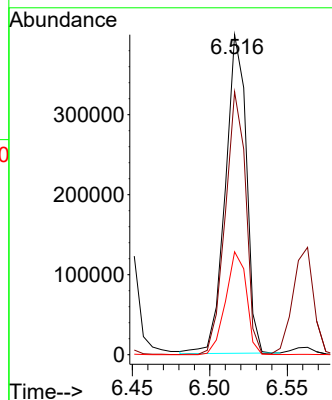
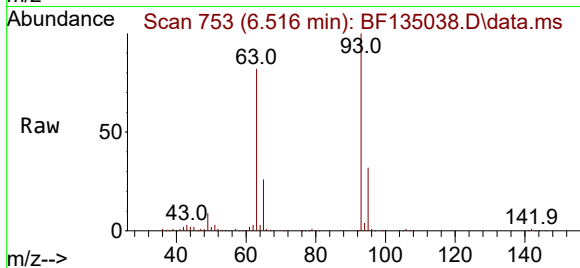
#11
bis(2-Chloroethyl)ether
Concen: 47.817 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :
BNA_F
ClientSampleId :
PB155191BS

Tgt Ion: 93 Resp: 376335
Ion Ratio Lower Upper
93 100
63 82.1 62.8 102.8
95 32.1 12.7 52.7

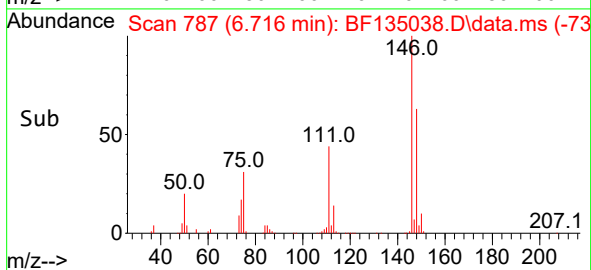
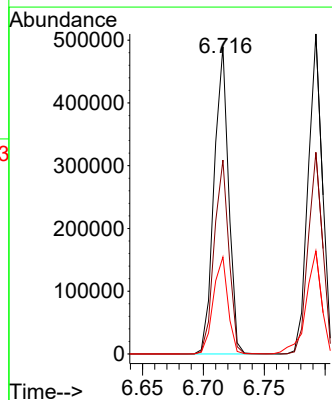
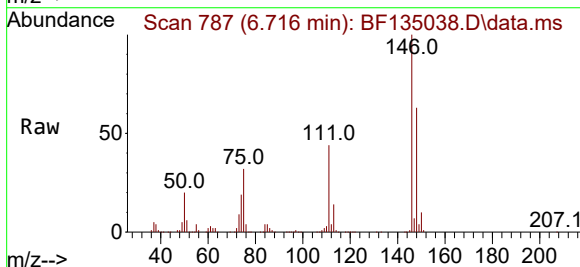
Manual Integrations
APPROVED

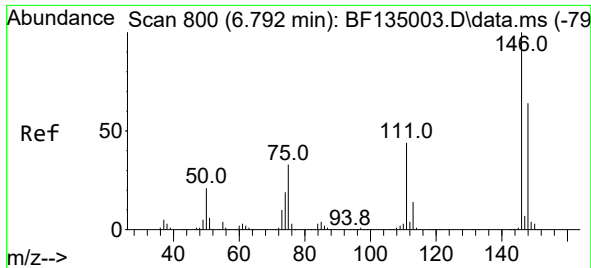
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#12
1,3-Dichlorobenzene
Concen: 48.579 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

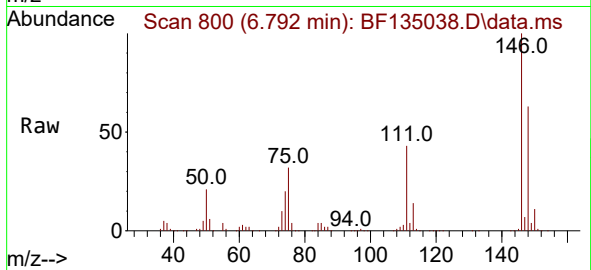
Tgt Ion:146 Resp: 406128
Ion Ratio Lower Upper
146 100
148 63.1 51.6 77.4
75 31.6 25.8 38.8





#13
1,4-Dichlorobenzene
Concen: 49.370 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

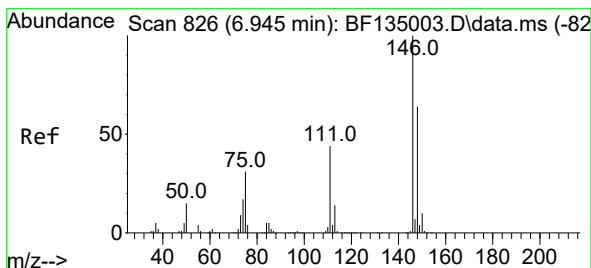
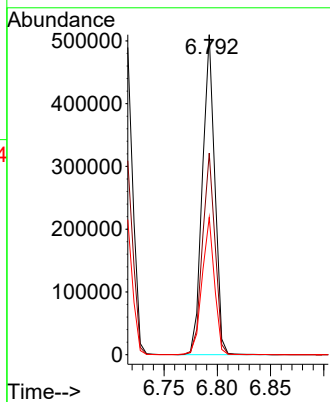
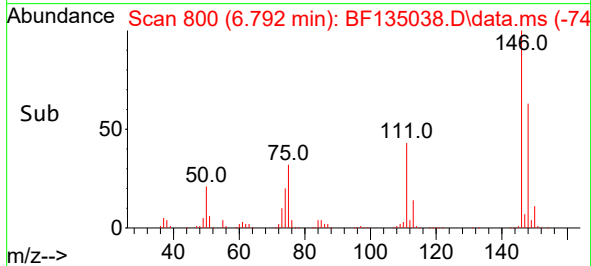
Instrument :
BNA_F
ClientSampleId :
PB155191BS



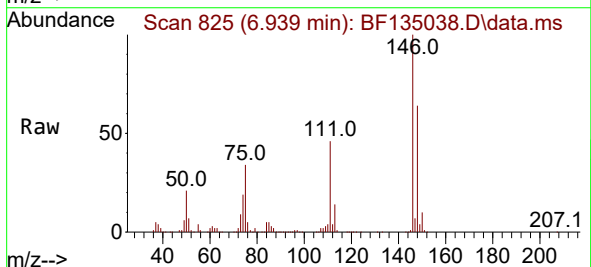
Tgt Ion:146 Resp: 413095
Ion Ratio Lower Upper
146 100
148 63.0 51.5 77.3
111 42.9 35.2 52.8

Manual Integrations
APPROVED

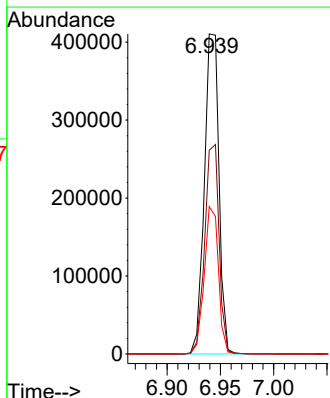
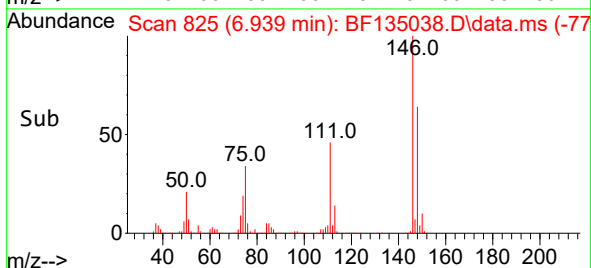
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

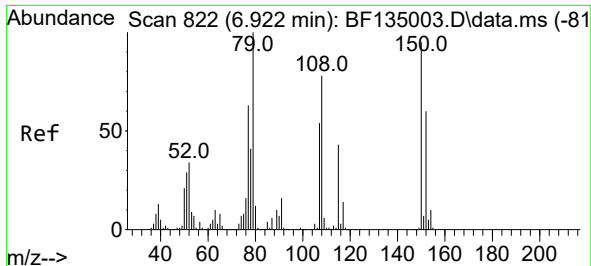


#14
1,2-Dichlorobenzene
Concen: 50.514 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17



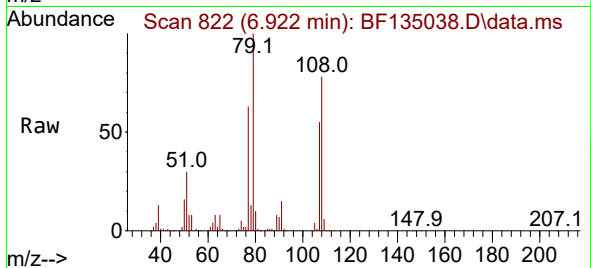
Tgt Ion:146 Resp: 394422
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 46.1 35.3 52.9





#15
Benzyl Alcohol
Concen: 50.051 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

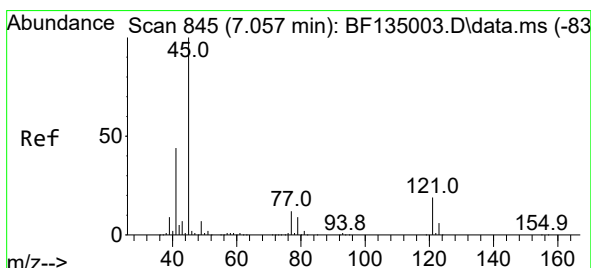
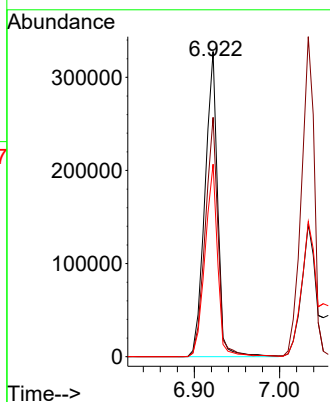
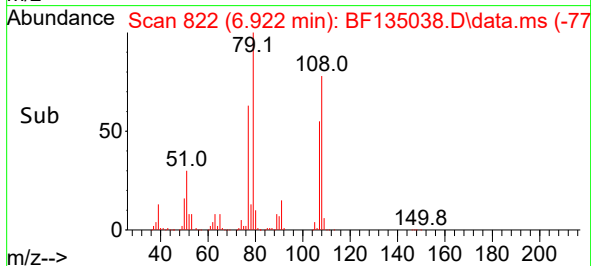
Instrument :
BNA_F
ClientSampleId :
PB155191BS



Tgt Ion: 79 Resp: 34138
Ion Ratio Lower Upper
79 100
108 78.4 62.5 93.7
77 63.1 50.4 75.6

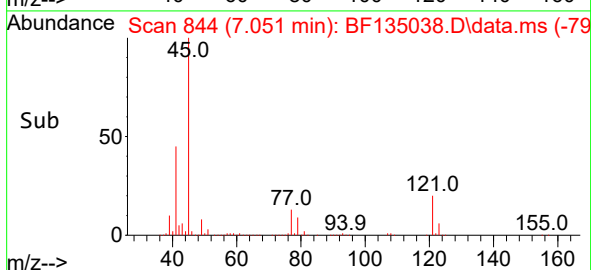
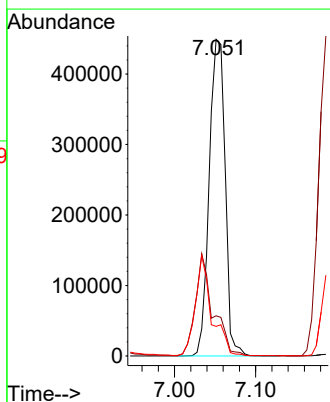
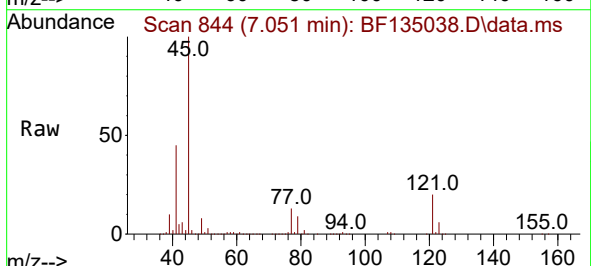
Manual Integrations
APPROVED

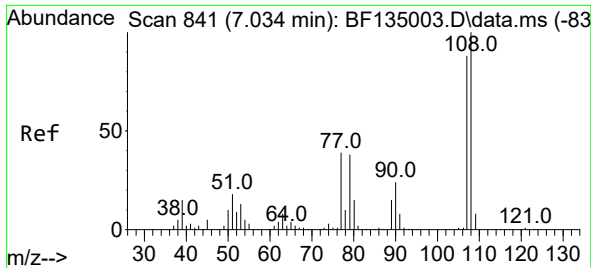
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.348 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion: 45 Resp: 610852
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.3
79 9.3 0.0 29.5





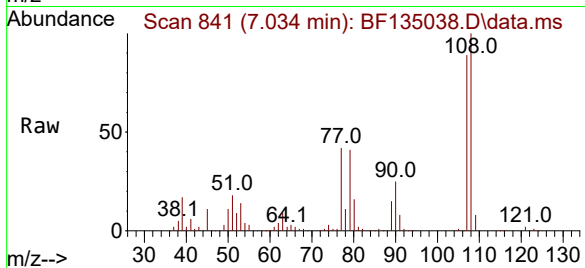
#17
2-Methylphenol
Concen: 45.395 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

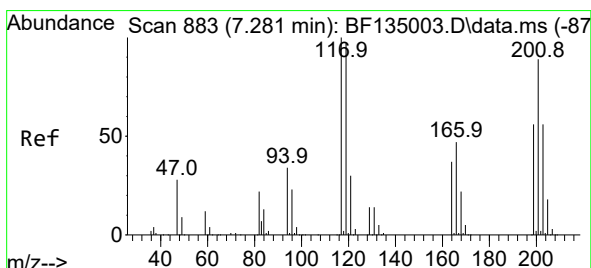
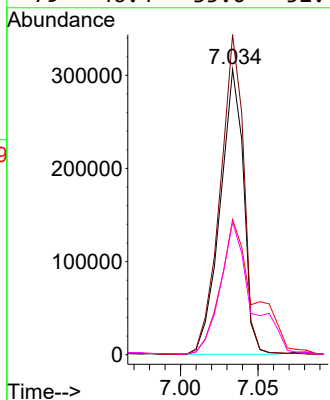
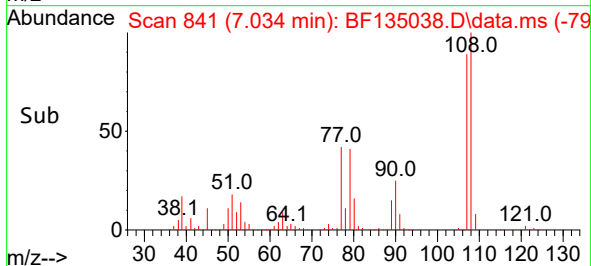


Tgt Ion:107 Resp: 320985
Ion Ratio Lower Upper
107 100
108 112.2 91.2 136.8
77 47.3 36.0 54.0
79 46.4 35.0 52.4

Manual Integrations

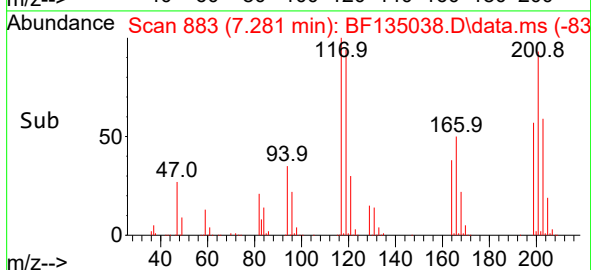
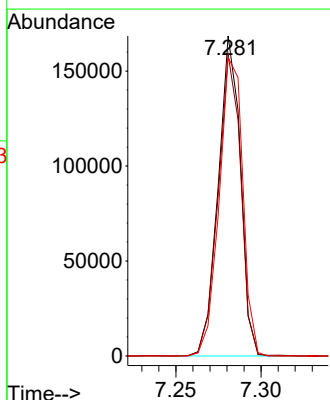
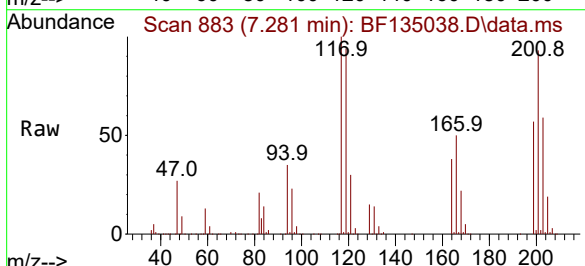
APPROVED

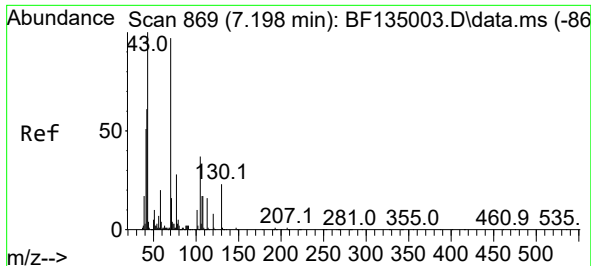
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#18
Hexachloroethane
Concen: 49.245 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:117 Resp: 152636
Ion Ratio Lower Upper
117 100
119 94.2 77.4 116.2
201 93.3 71.4 107.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.367 ng

RT: 7.192 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

Tgt Ion: 70 Resp: 26236

Ion Ratio Lower Upper

70 100

42 68.0 50.2 75.4

101 10.0 8.1 12.1

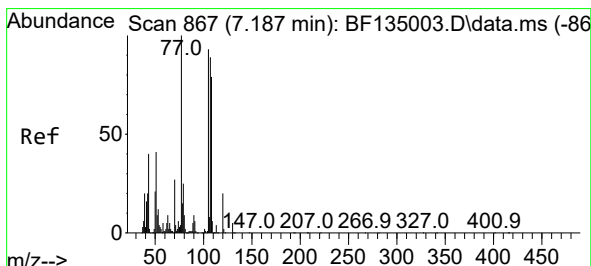
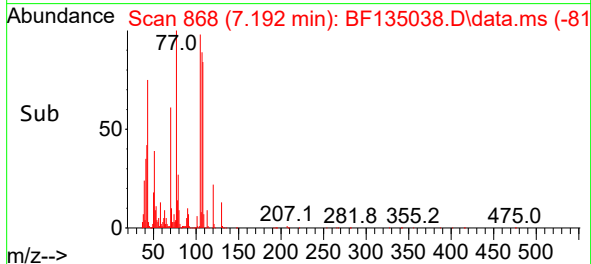
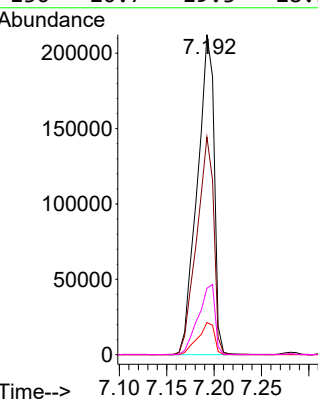
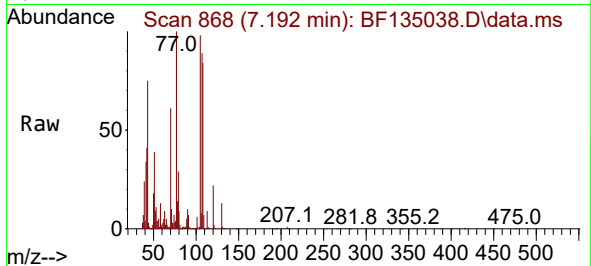
130 20.7 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#20

3+4-Methylphenols

Concen: 44.990 ng

RT: 7.186 min Scan# 867

Delta R.T. -0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Tgt Ion:107 Resp: 375306

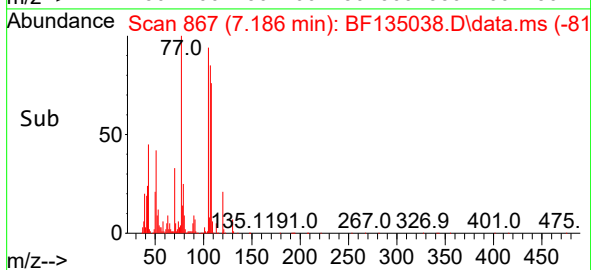
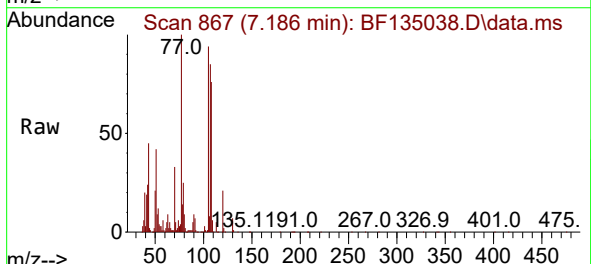
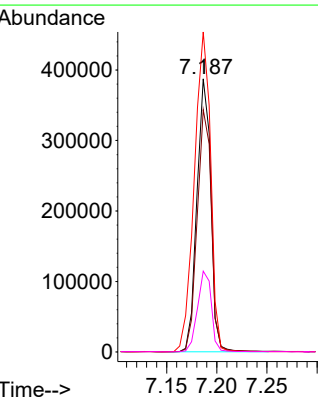
Ion Ratio Lower Upper

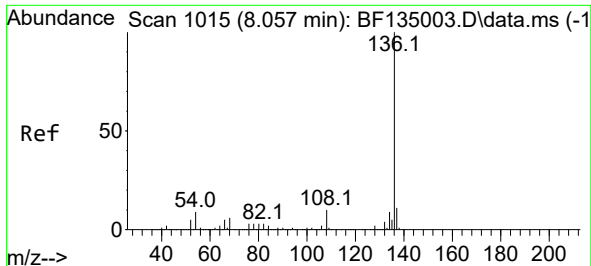
107 100

108 88.7 68.6 108.6

77 117.1 92.3 132.3

79 29.6 8.0 48.0





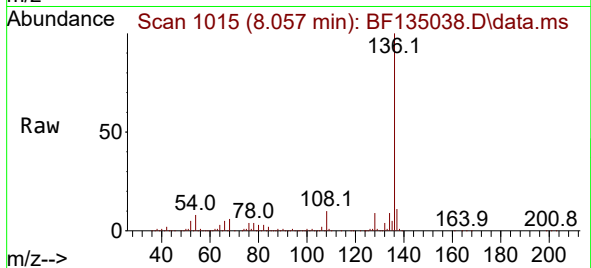
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

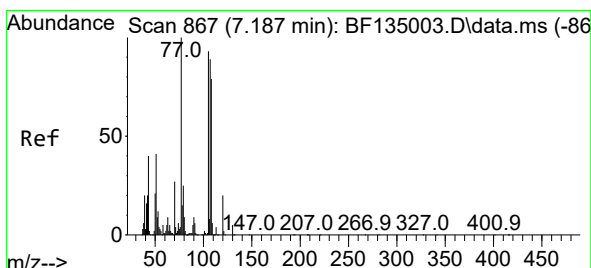
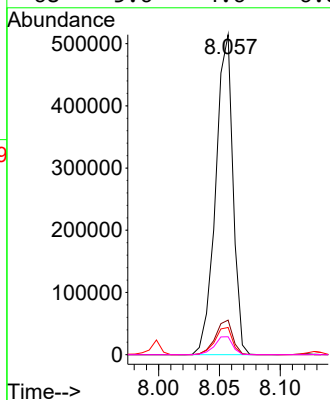
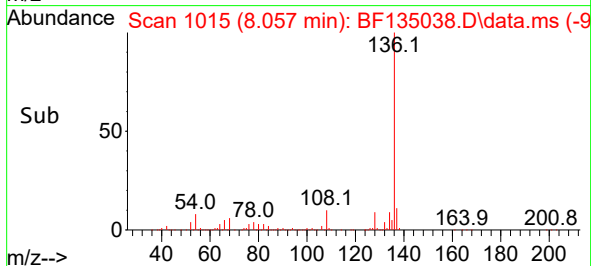


Tgt Ion:136 Resp: 508672
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.5 7.0 10.4
68 5.6 4.6 6.8

Manual Integrations

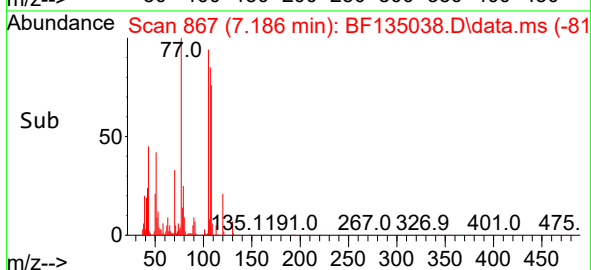
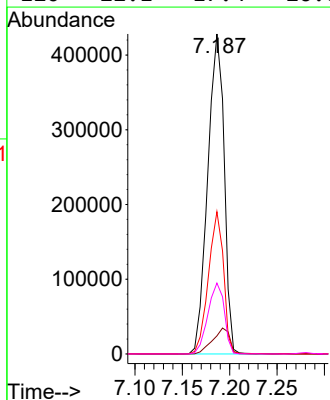
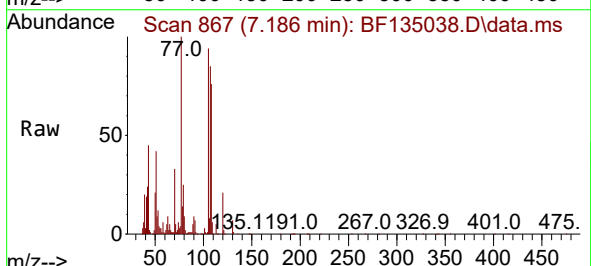
APPROVED

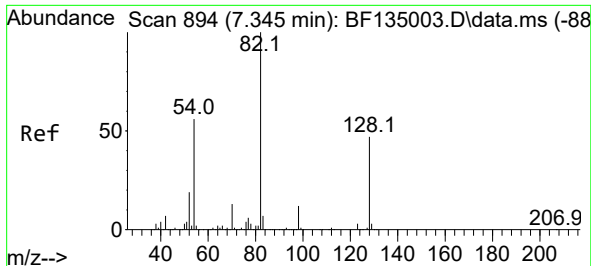
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#22
Acetophenone
Concen: 45.583 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:105 Resp: 515740
Ion Ratio Lower Upper
105 100
71 5.6 3.8 5.6#
51 44.5 35.0 52.6
120 22.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 87.286 ng

RT: 7.339 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

Tgt Ion: 82 Resp: 790309

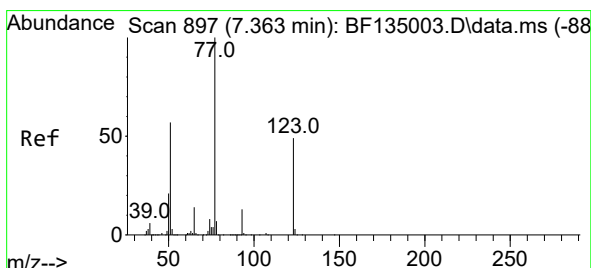
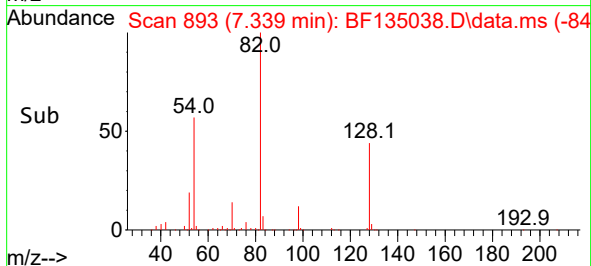
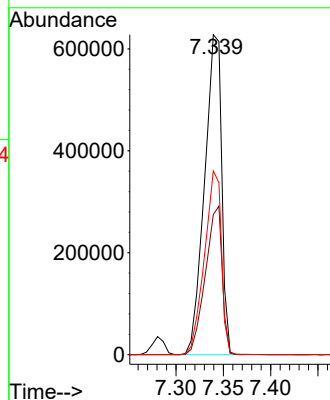
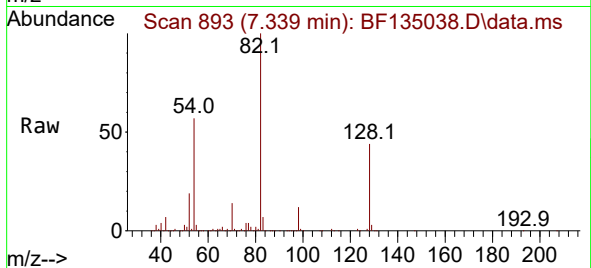
Ion	Ratio	Lower	Upper
82	100		
128	43.8	37.8	56.8
54	57.5	45.0	67.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#24

Nitrobenzene

Concen: 44.273 ng

RT: 7.363 min Scan# 897

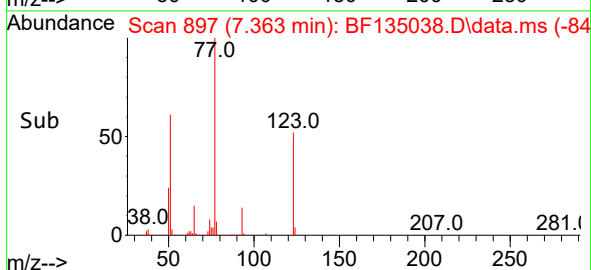
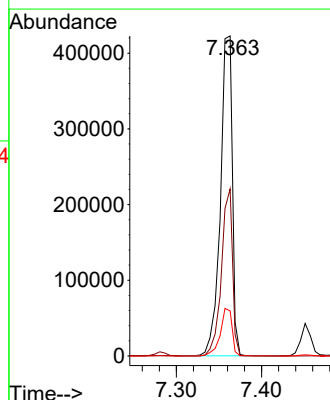
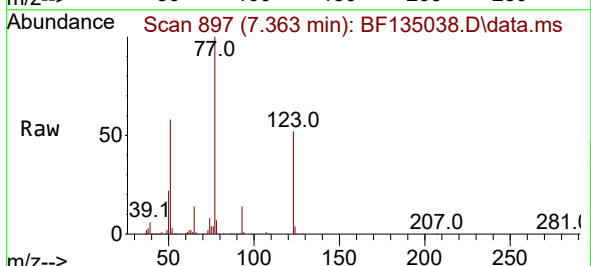
Delta R.T. 0.000 min

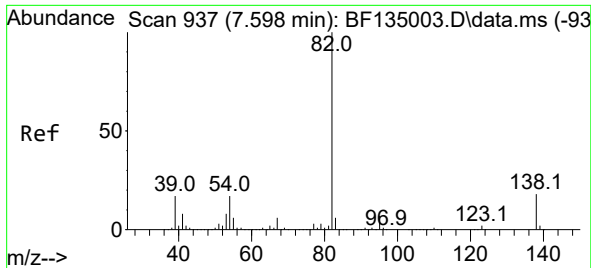
Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Tgt Ion: 77 Resp: 411190

Ion	Ratio	Lower	Upper
77	100		
123	52.2	39.4	59.2
65	14.1	11.4	17.2





#25
Isophorone
Concen: 44.197 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

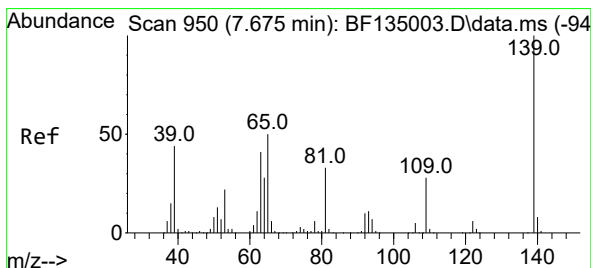
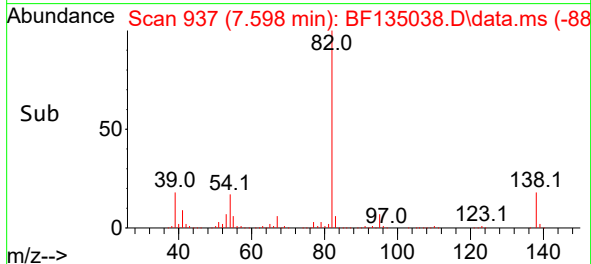
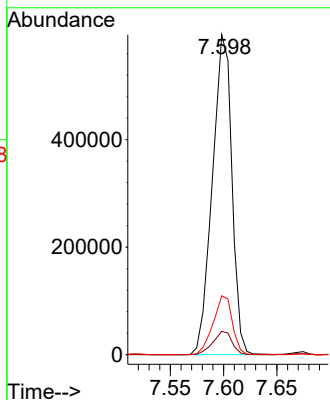
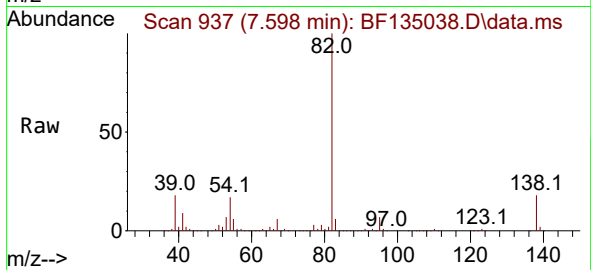
ClientSampleId :

PB155191BS

Tgt Ion: 82 Resp: 75871
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.4 14.7 22.1

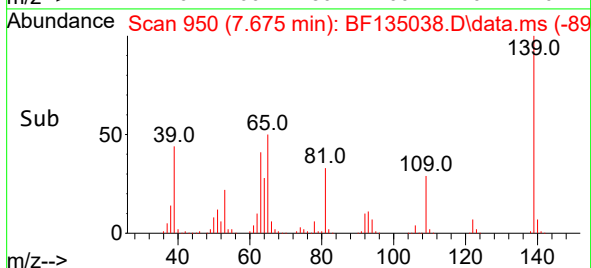
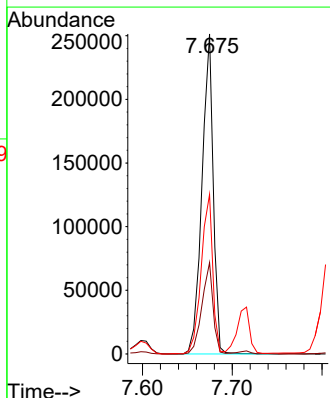
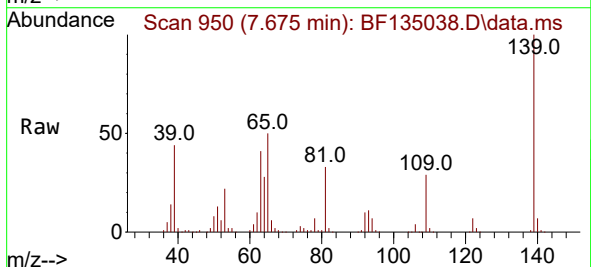
Manual Integrations
APPROVED

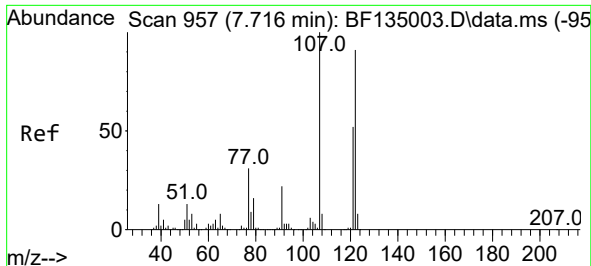
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#26
2-Nitrophenol
Concen: 47.877 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:139 Resp: 219697
Ion Ratio Lower Upper
139 100
109 28.6 22.6 34.0
65 49.8 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 47.617 ng

RT: 7.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135038.D

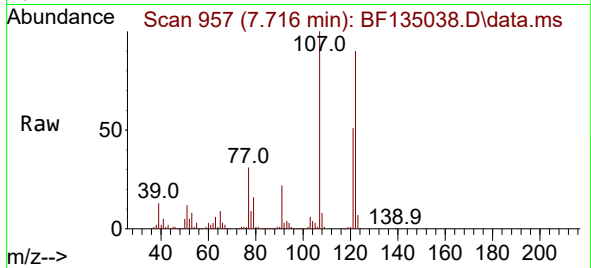
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS



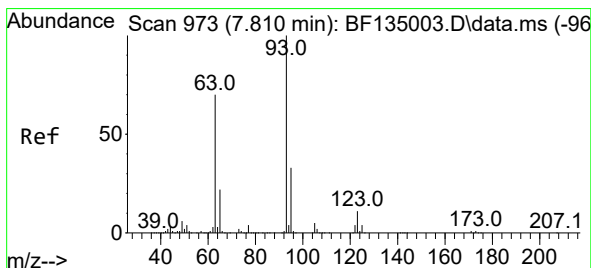
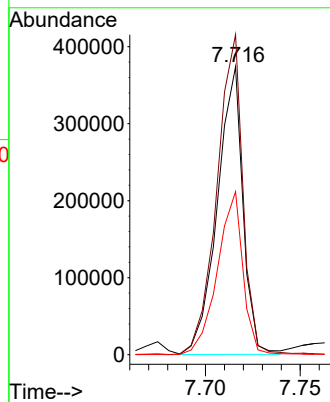
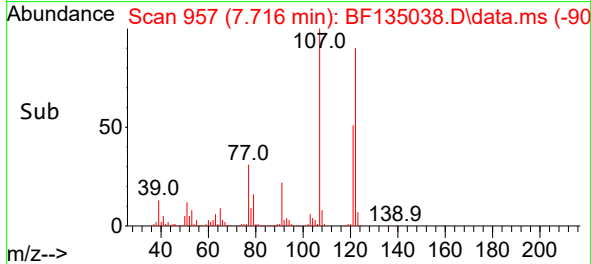
Tgt Ion:	122	Resp:	35178
Ion Ratio	Lower	Upper	
122	100		
107	111.1	87.8	131.8
121	56.6	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.344 ng

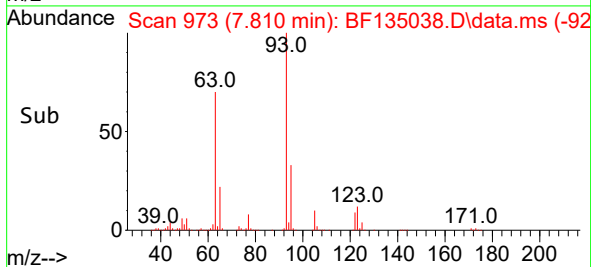
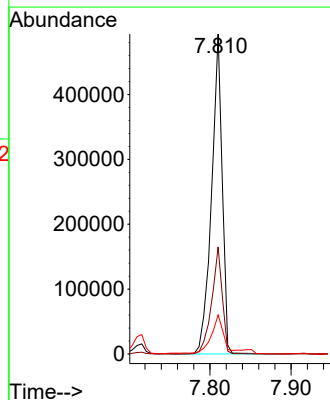
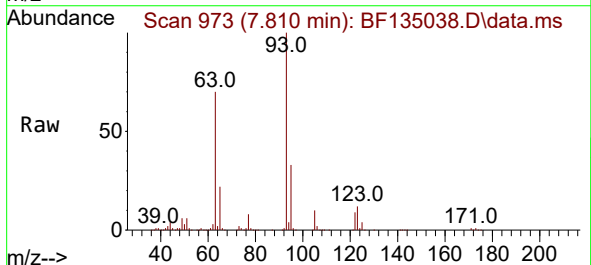
RT: 7.810 min Scan# 973

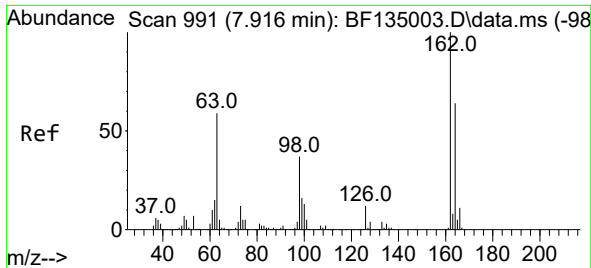
Delta R.T. -0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Tgt Ion:	93	Resp:	448851
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.0	39.0
123	12.2	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 46.151 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

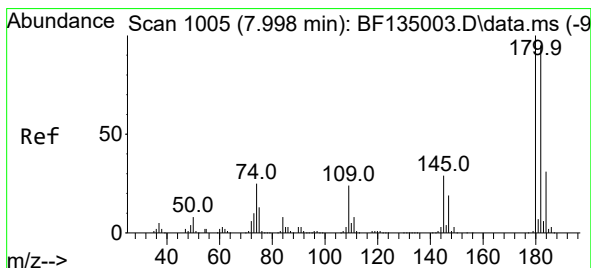
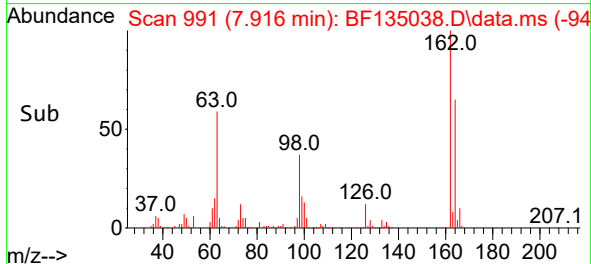
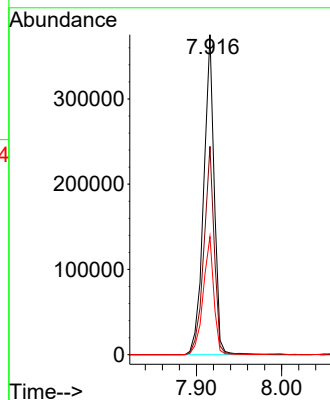
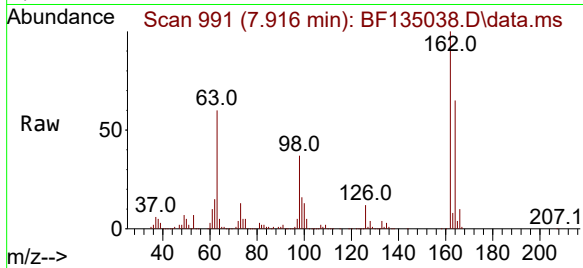
PB155191BS

Tgt Ion:162 Resp: 324048
 Ion Ratio Lower Upper
 162 100
 164 65.1 44.2 84.2
 98 36.9 17.3 57.3

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 46.656 ng

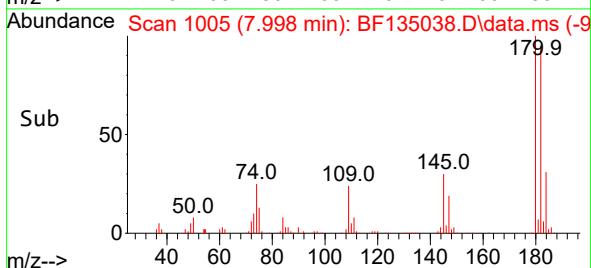
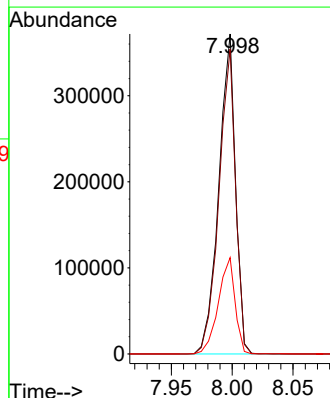
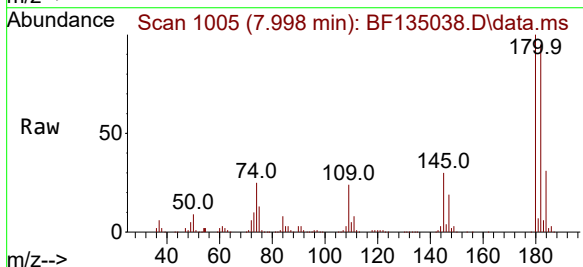
RT: 7.998 min Scan# 1005

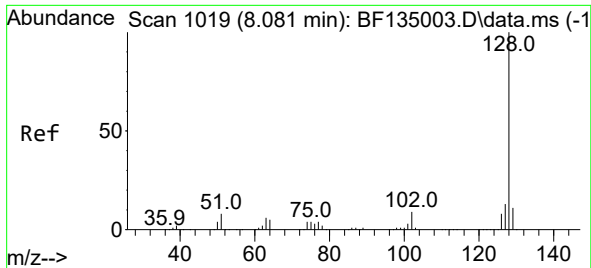
Delta R.T. 0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Tgt Ion:180 Resp: 354015
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.3 114.5
 145 30.1 23.5 35.3





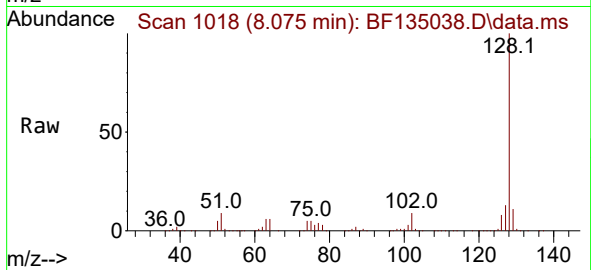
#31
Naphthalene
Concen: 45.465 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

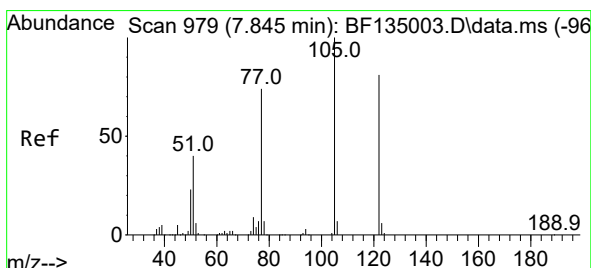
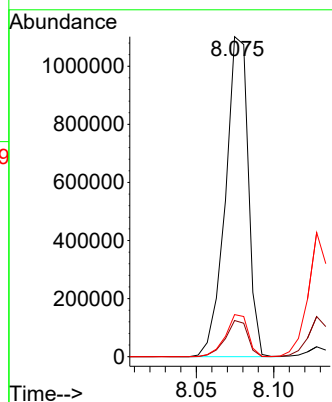
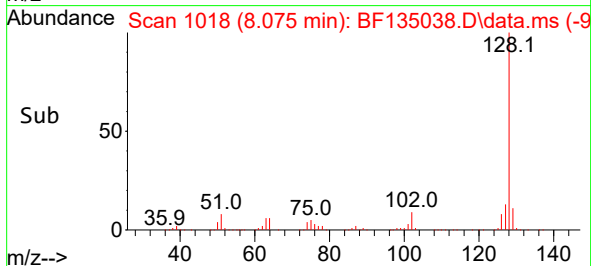


Tgt Ion:128 Resp: 112974
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.2 10.6 16.0

Manual Integrations

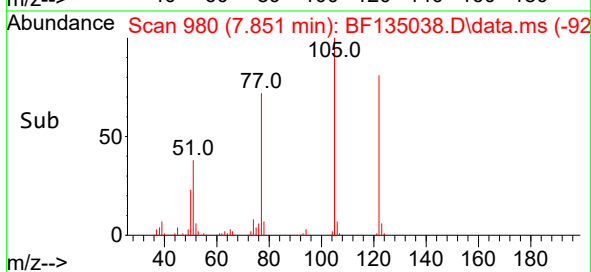
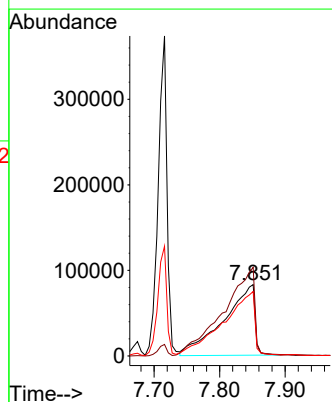
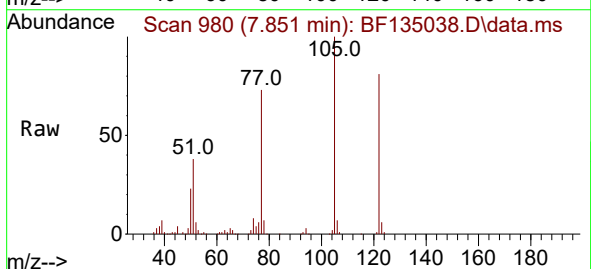
APPROVED

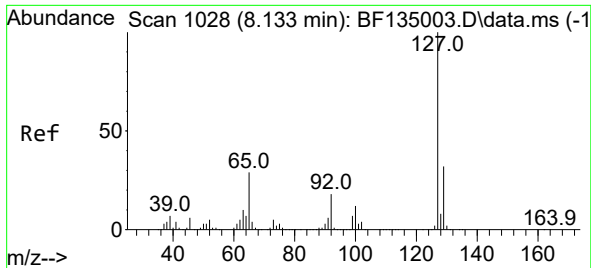
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#32
Benzoic acid
Concen: 46.065 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:122 Resp: 272234
Ion Ratio Lower Upper
122 100
105 124.2 99.8 139.8
77 90.3 69.5 109.5





#33
4-Chloroaniline
Concen: 36.322 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

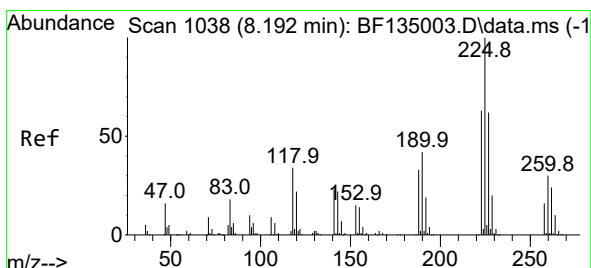
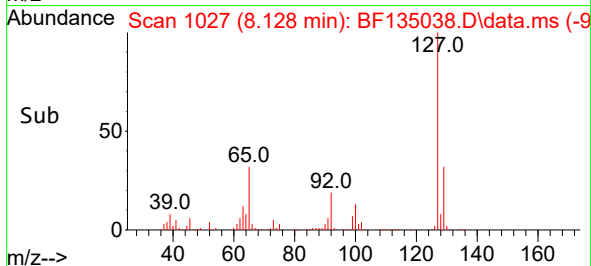
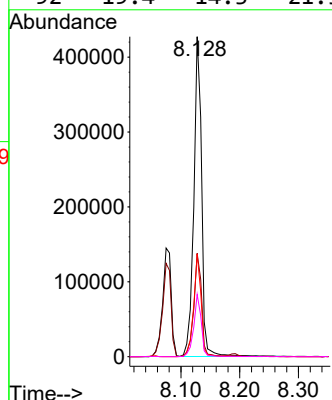
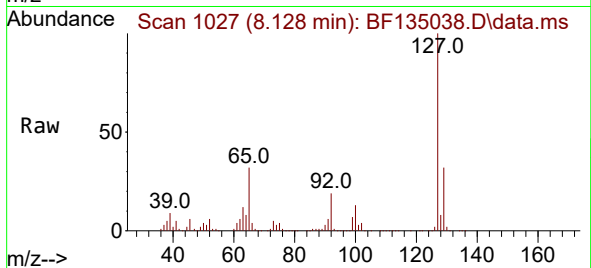
PB155191BS

Tgt Ion:127 Resp: 394760
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4
65 32.2 23.1 34.7
92 19.4 14.3 21.5

Manual Integrations

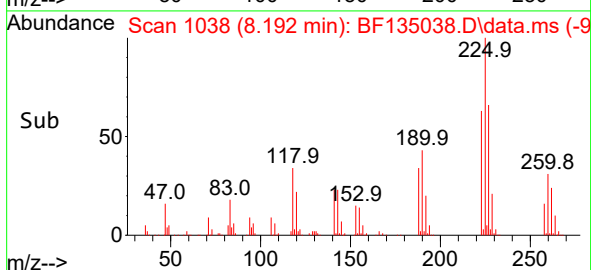
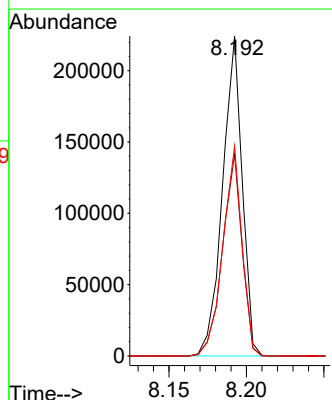
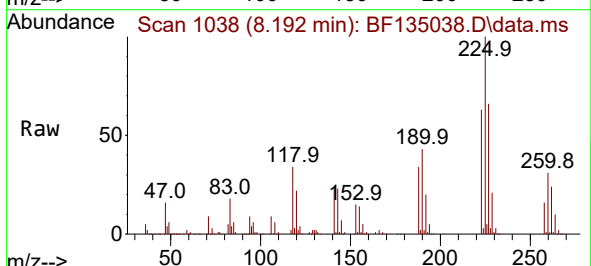
APPROVED

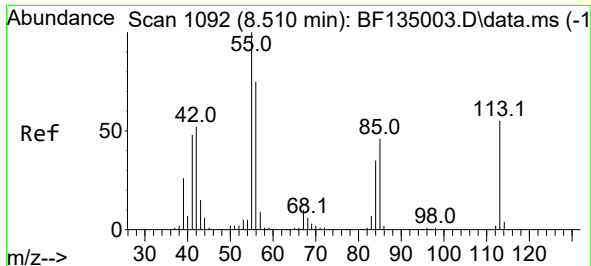
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#34
Hexachlorobutadiene
Concen: 45.753 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

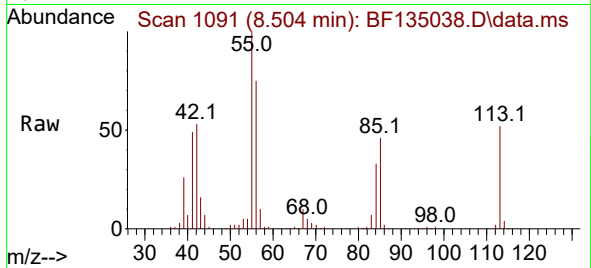
Tgt Ion:225 Resp: 197017
Ion Ratio Lower Upper
225 100
223 63.0 50.7 76.1
227 65.6 49.6 74.4





#35
Caprolactam
Concen: 49.233 ng m
RT: 8.504 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

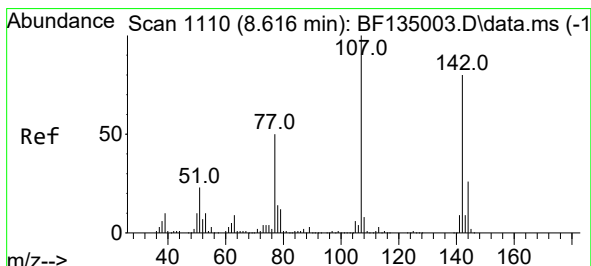
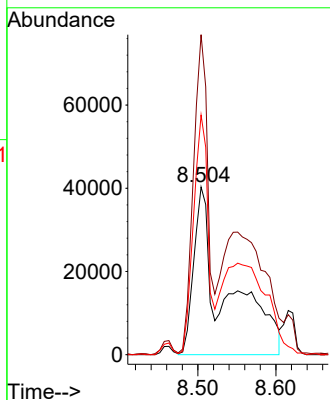
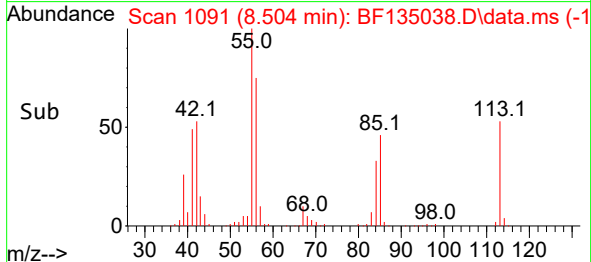
Instrument :
BNA_F
ClientSampleId :
PB155191BS



Tgt Ion:113 Resp: 11318
Ion Ratio Lower Upper
113 100
55 190.8 160.6 200.6
56 142.9 115.4 155.4

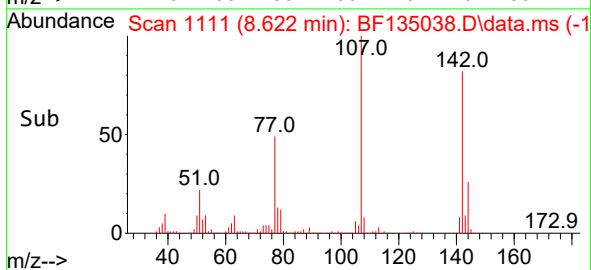
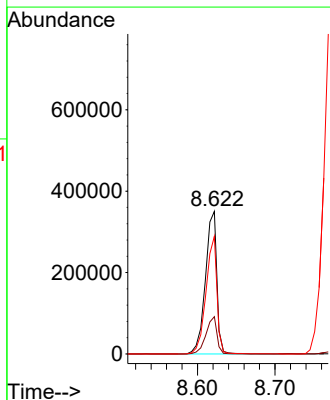
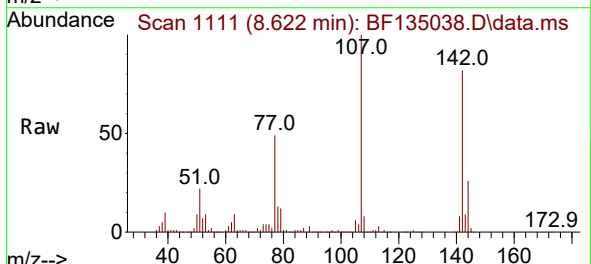
Manual Integrations
APPROVED

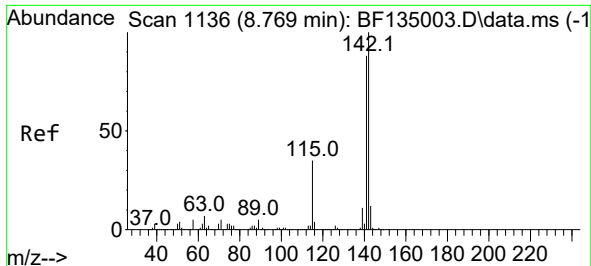
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#36
4-Chloro-3-methylphenol
Concen: 47.068 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:107 Resp: 358952
Ion Ratio Lower Upper
107 100
144 26.2 20.6 31.0
142 82.5 64.4 96.6





#37
2-Methylnaphthalene
Concen: 43.354 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

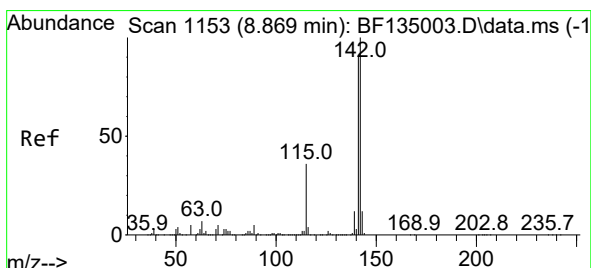
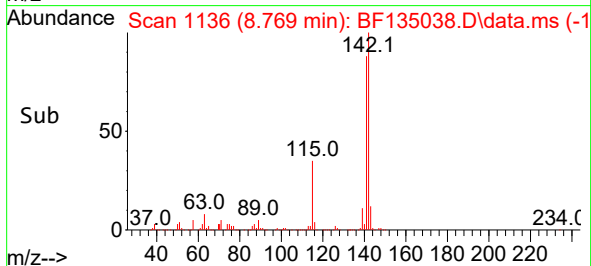
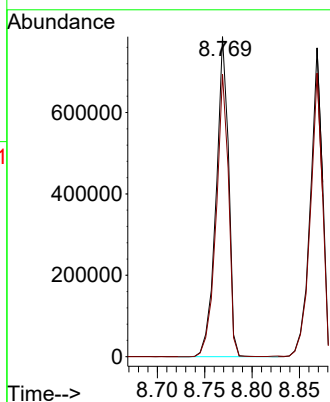
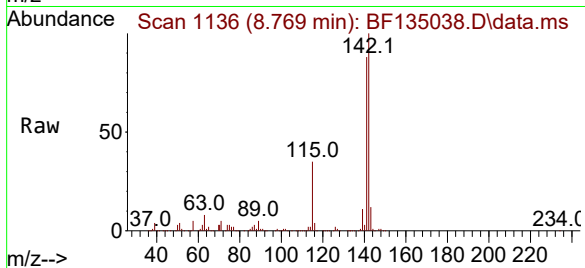
PB155191BS

Tgt Ion:142 Resp: 718784
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1

Manual Integrations

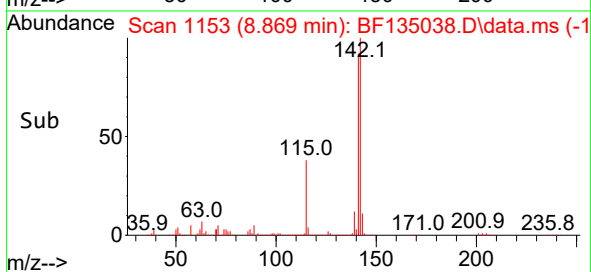
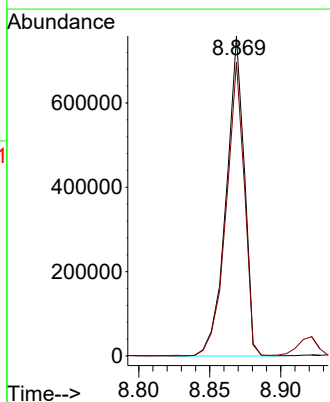
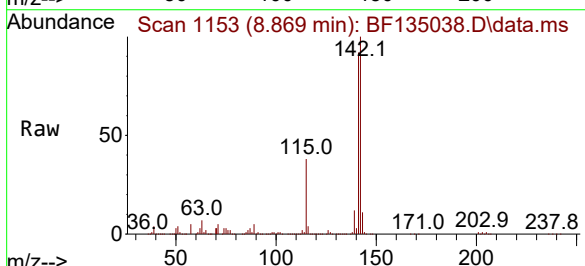
APPROVED

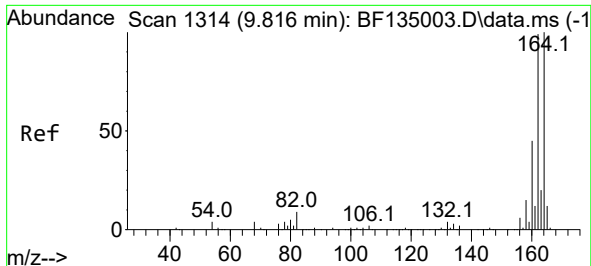
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#38
1-Methylnaphthalene
Concen: 43.284 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:142 Resp: 671473
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.4





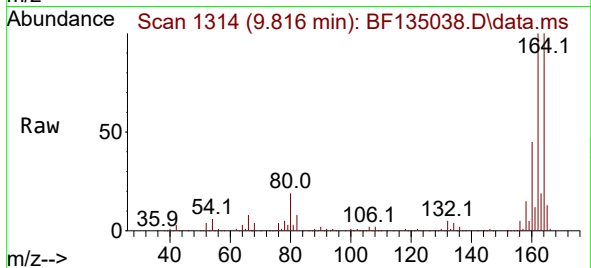
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

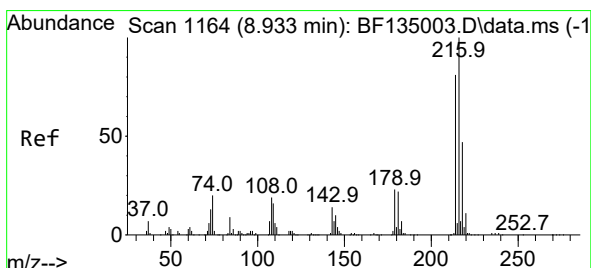
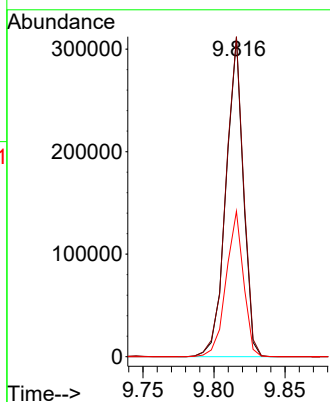
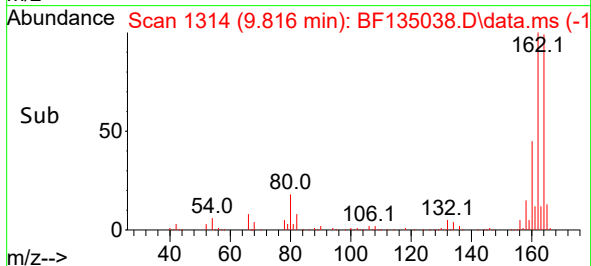


Tgt Ion:164 Resp: 264832
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 45.6 36.0 54.0

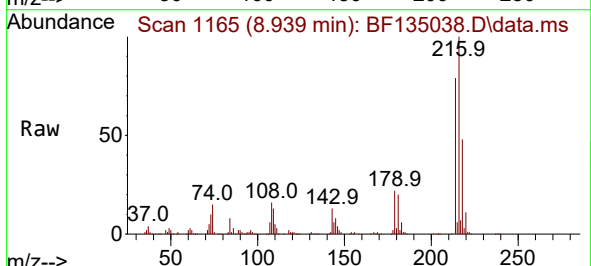
Manual Integrations

APPROVED

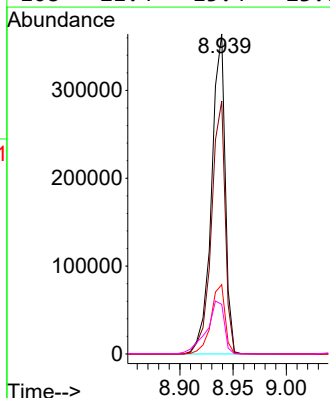
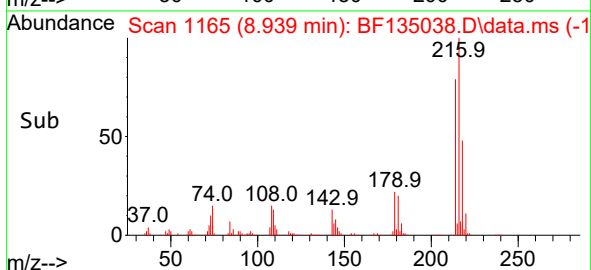
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.854 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17



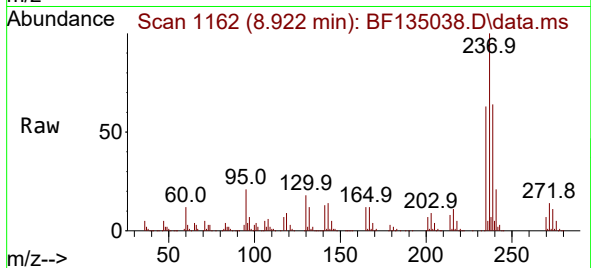
Tgt Ion:216 Resp: 325120
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.8
179 22.3 17.7 26.5
108 21.4 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 108.655 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

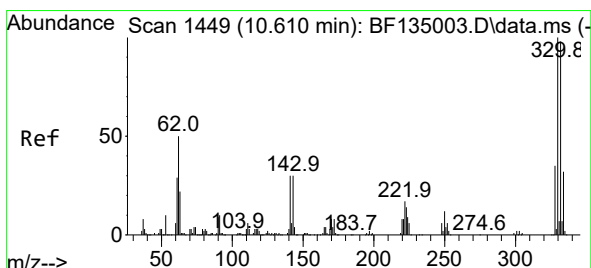
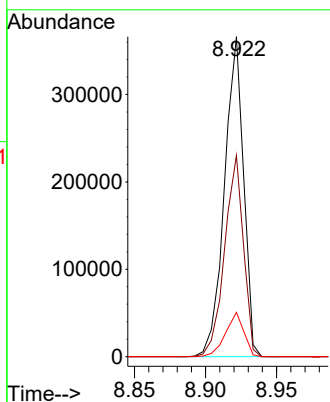
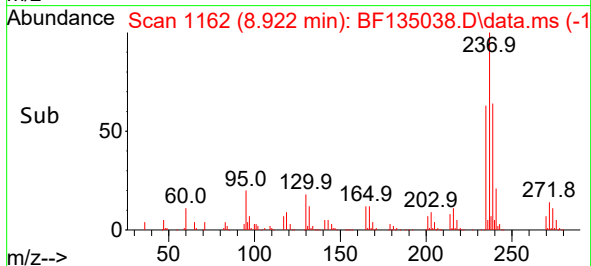
Instrument :
BNA_F
ClientSampleId :
PB155191BS



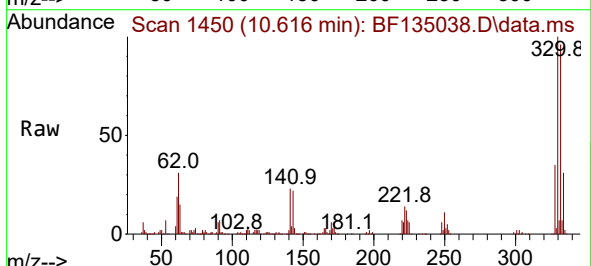
Tgt Ion:237 Resp: 34285
Ion Ratio Lower Upper
237 100
235 62.9 40.9 80.9
272 13.9 0.0 33.9

Manual Integrations
APPROVED

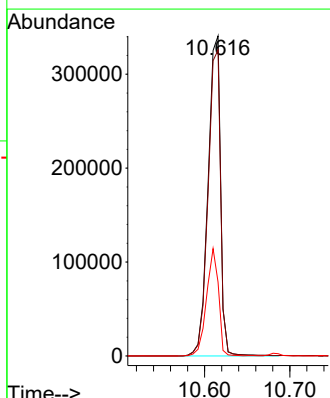
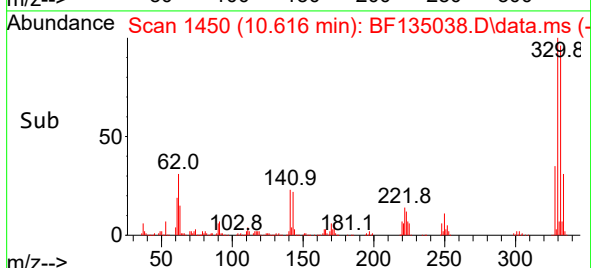
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

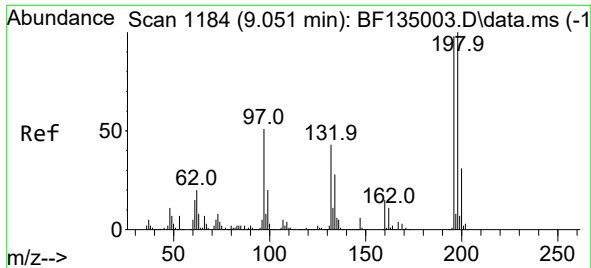


#42
2,4,6-Tribromophenol
Concen: 123.674 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17



Tgt Ion:330 Resp: 347439
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 32.2 26.3 39.5





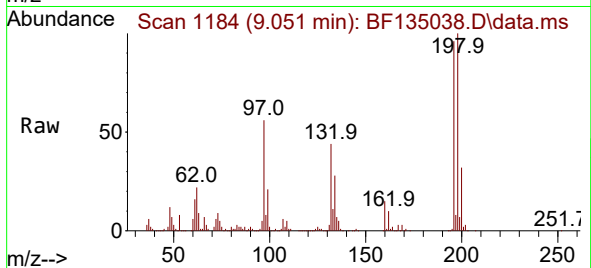
#43
2,4,6-Trichlorophenol
Concen: 46.294 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

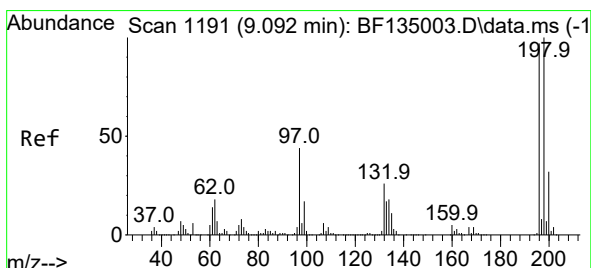
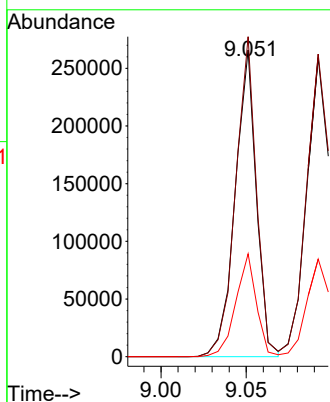
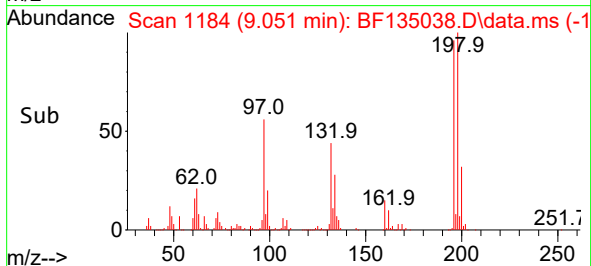


Tgt Ion:196 Resp: 230494
Ion Ratio Lower Upper
196 100
198 104.3 81.8 122.6
200 33.5 25.7 38.5

Manual Integrations

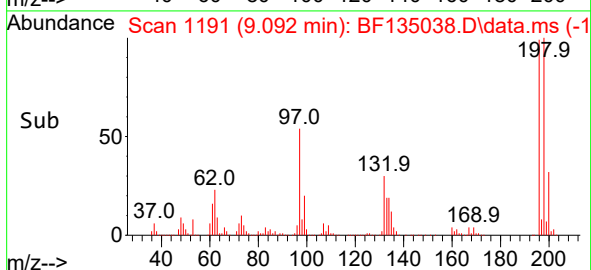
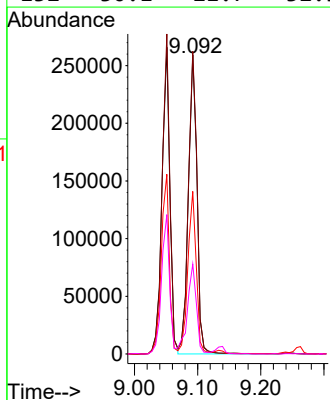
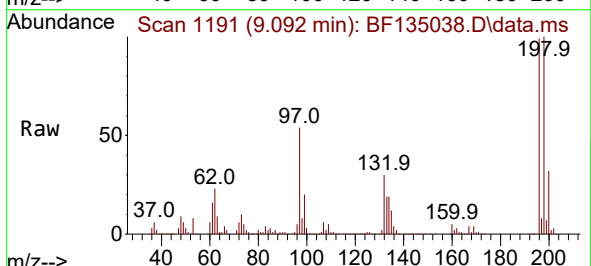
APPROVED

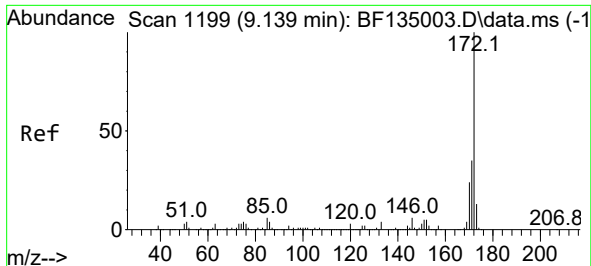
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#44
2,4,5-Trichlorophenol
Concen: 42.857 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:196 Resp: 247038
Ion Ratio Lower Upper
196 100
198 101.1 82.8 124.2
97 54.4 36.5 54.7
132 30.1 21.7 32.5





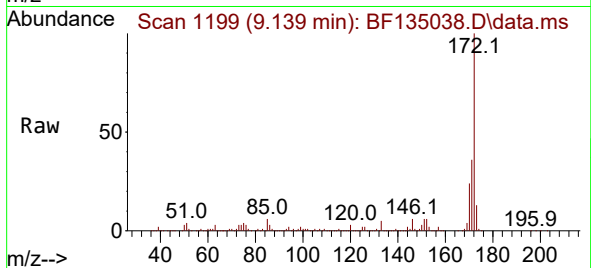
#45
2-Fluorobiphenyl
Concen: 84.027 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

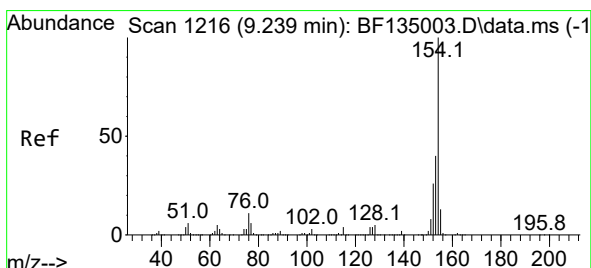
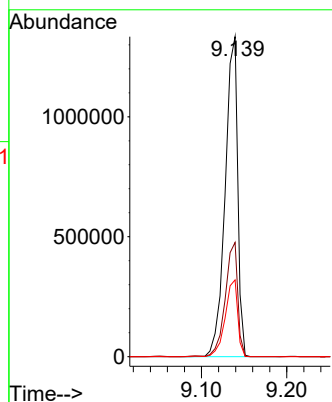
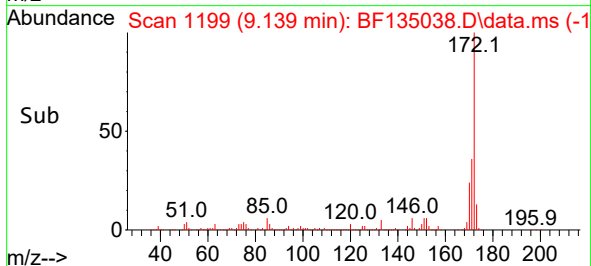


Tgt Ion:172 Resp: 136681
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.0 19.0 28.4

Manual Integrations

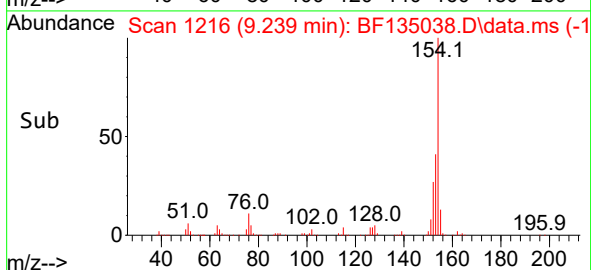
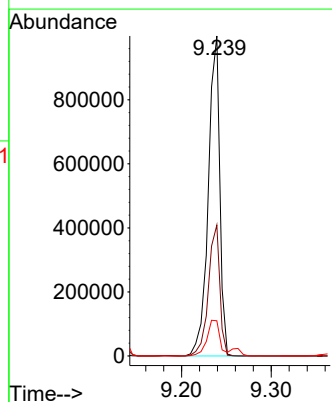
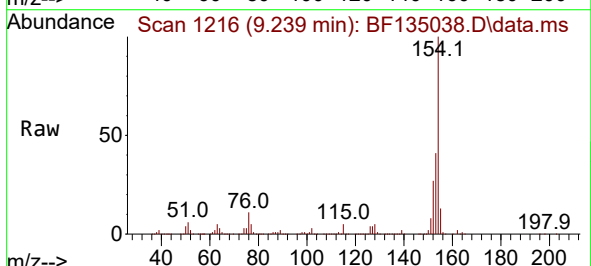
APPROVED

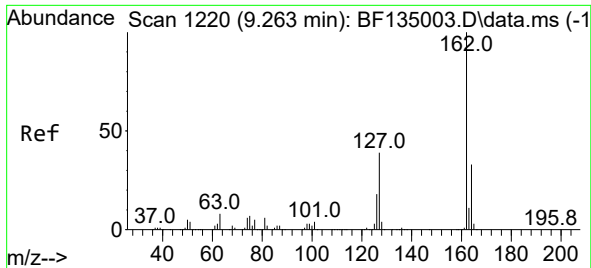
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#46
1,1'-Biphenyl
Concen: 43.962 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:154 Resp: 889511
Ion Ratio Lower Upper
154 100
153 40.9 20.2 60.2
76 11.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 45.328 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

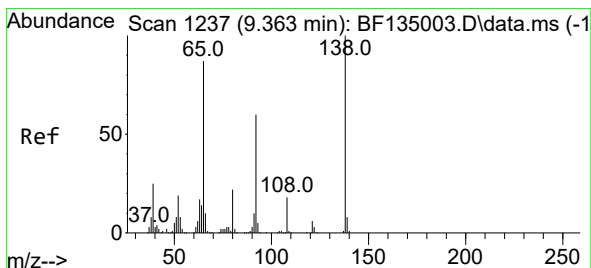
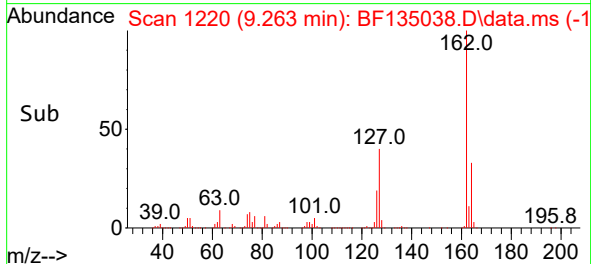
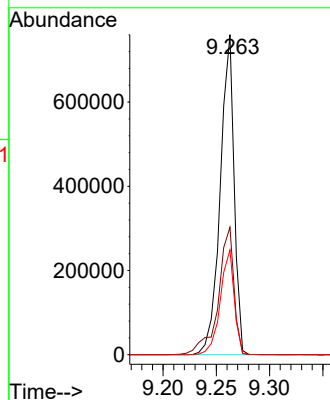
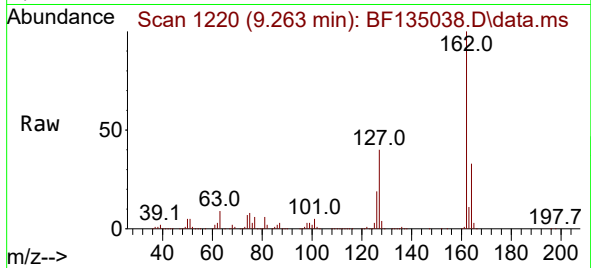
Tgt Ion:162 Resp: 689694
 Ion Ratio Lower Upper
 162 100
 127 39.8 31.8 47.6
 164 32.7 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#48

2-Nitroaniline

Concen: 46.132 ng

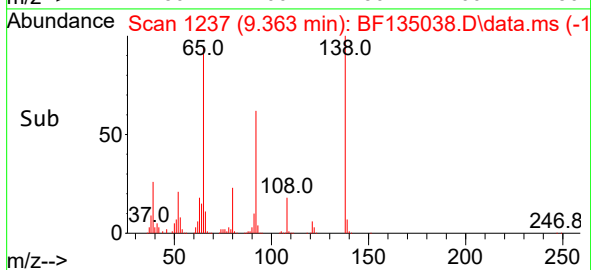
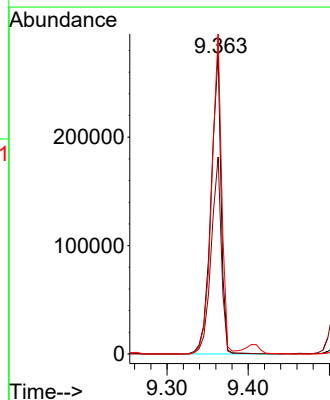
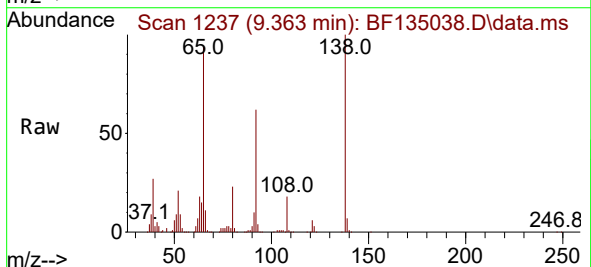
RT: 9.363 min Scan# 1237

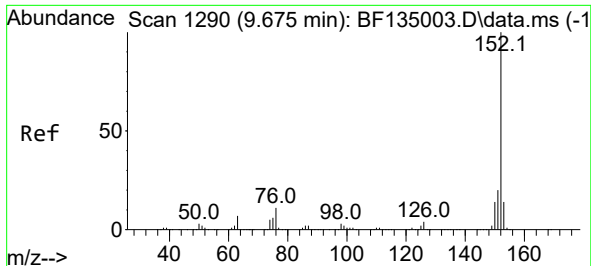
Delta R.T. 0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Tgt Ion: 65 Resp: 240282
 Ion Ratio Lower Upper
 65 100
 92 65.5 54.9 82.3
 138 106.5 91.6 137.4





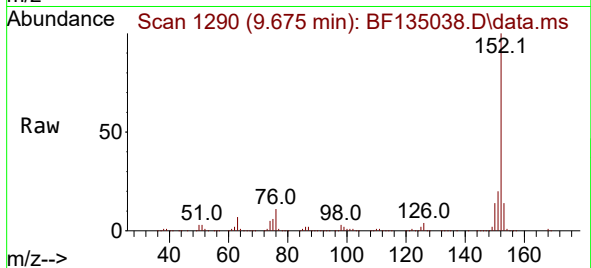
#49
Acenaphthylene
Concen: 44.825 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

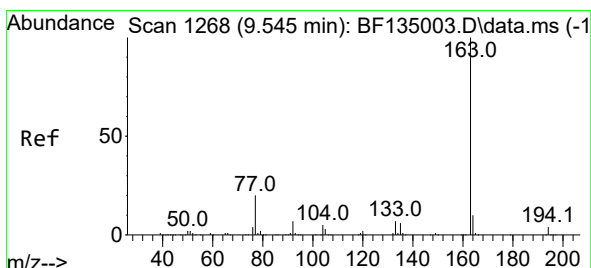
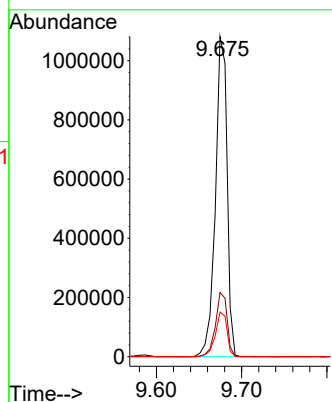
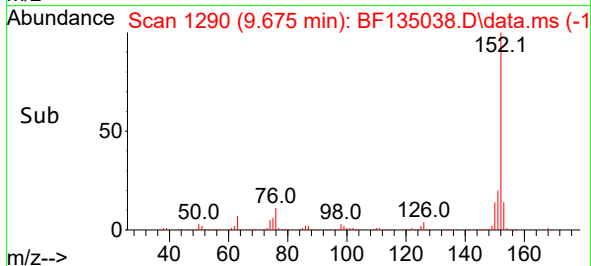


Tgt Ion:152 Resp: 1031015
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.9 11.4 17.0

Manual Integrations

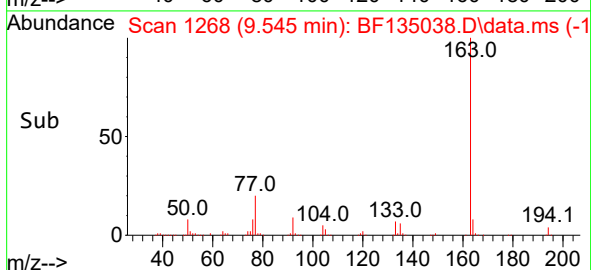
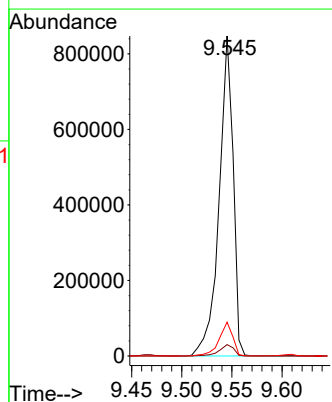
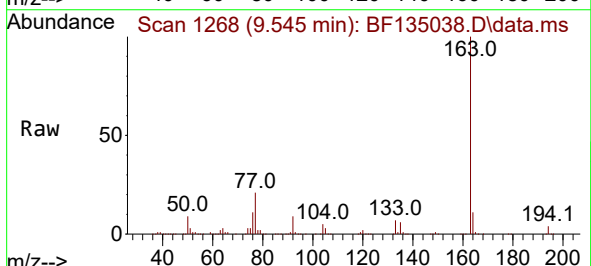
APPROVED

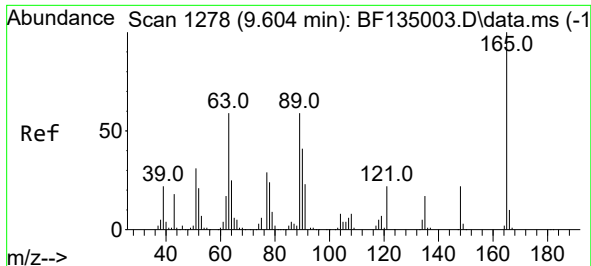
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#50
Dimethylphthalate
Concen: 44.399 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:163 Resp: 823332
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.101 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

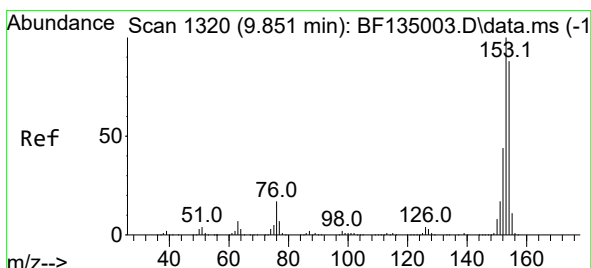
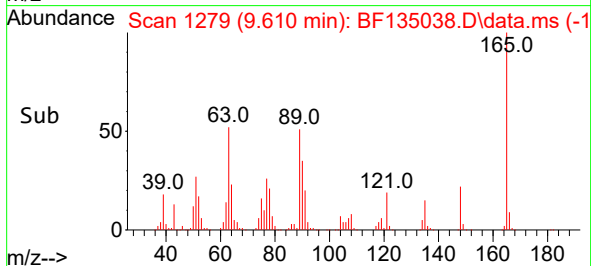
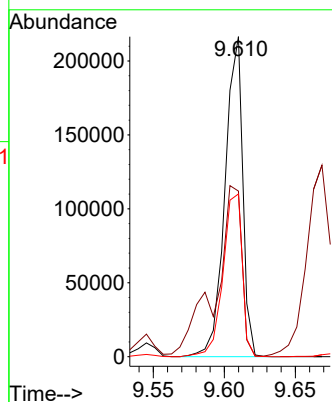
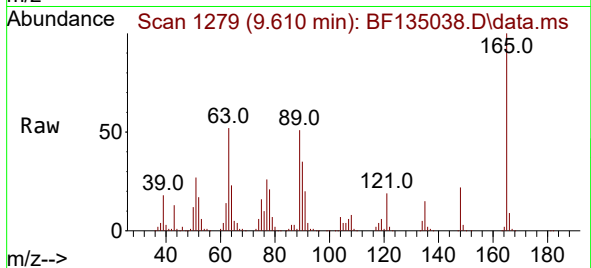
ClientSampleId :

PB155191BS

Tgt Ion:165 Resp: 18758
Ion Ratio Lower Upper
165 100
63 51.8 50.4 75.6
89 50.8 47.1 70.7

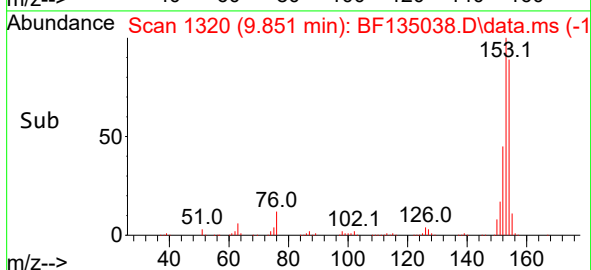
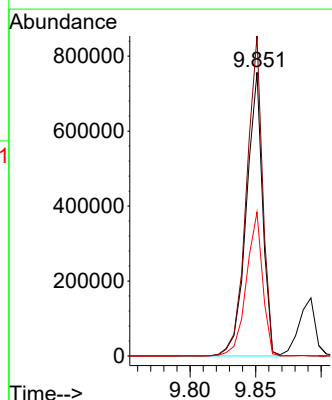
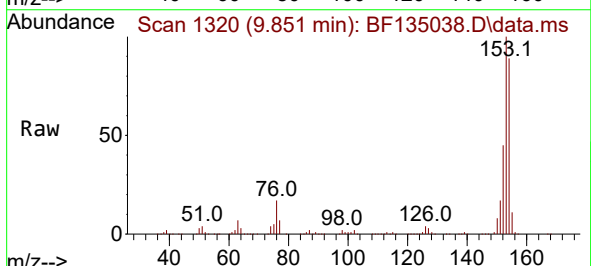
Manual Integrations
APPROVED

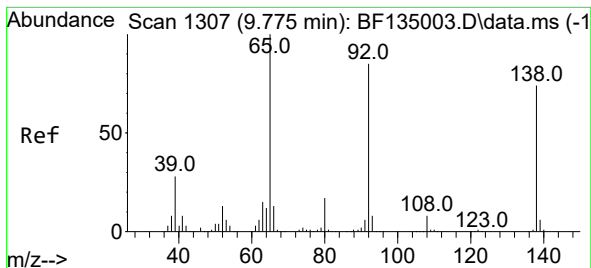
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#52
Acenaphthene
Concen: 44.577 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:154 Resp: 653399
Ion Ratio Lower Upper
154 100
153 112.8 90.8 136.2
152 50.7 40.2 60.4





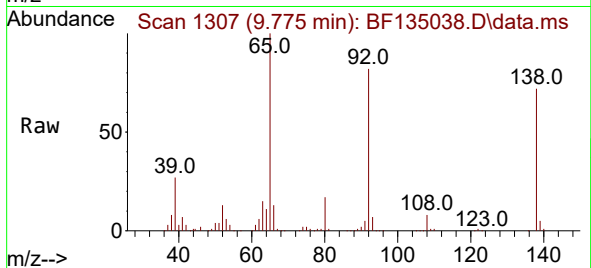
#53
3-Nitroaniline
Concen: 38.660 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS



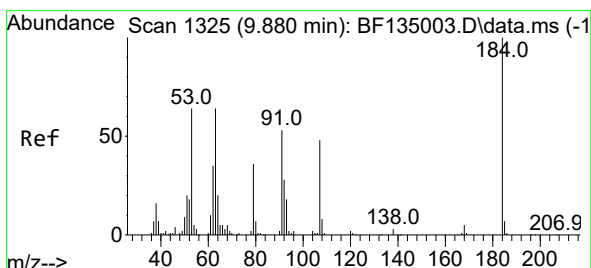
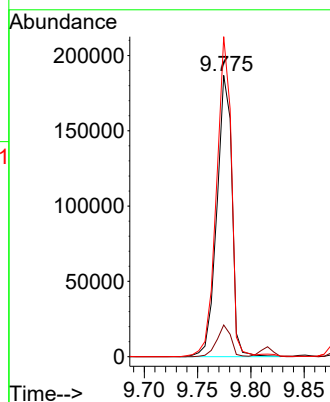
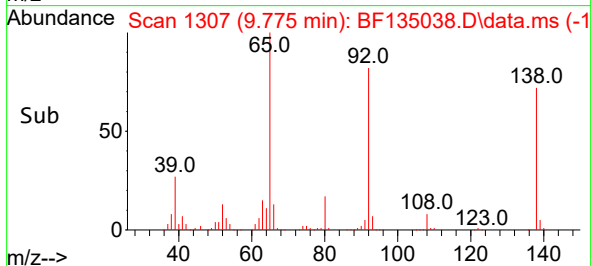
Tgt Ion:138 Resp: 18324
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 113.8 92.2 138.4

Manual Integrations

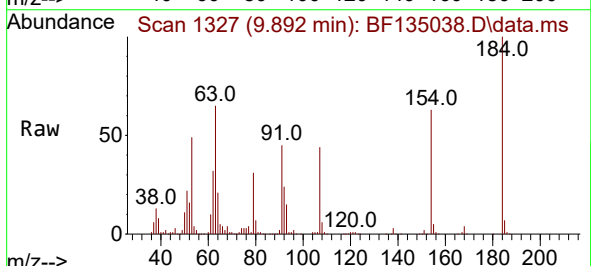
APPROVED

Reviewed By :Yogesh Patel 09/01/2023

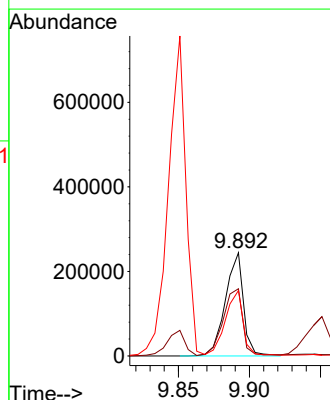
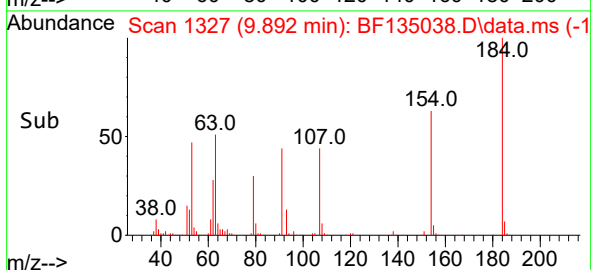
Supervised By :mohammad ahmed 09/01/2023

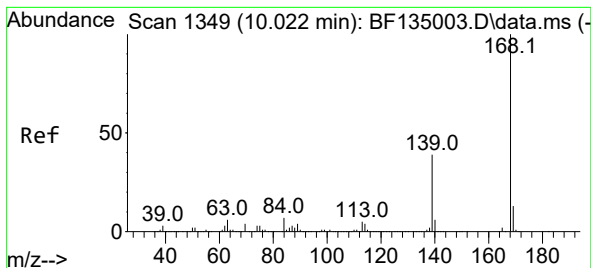


#54
2,4-Dinitrophenol
Concen: 111.264 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.012 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17



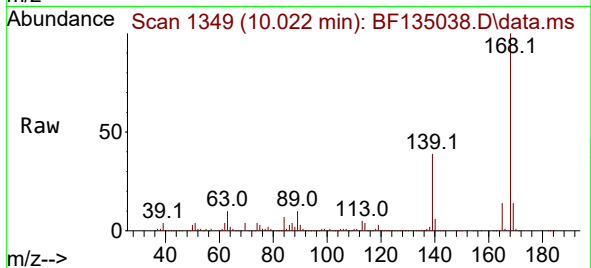
Tgt Ion:184 Resp: 216373
Ion Ratio Lower Upper
184 100
63 65.1 62.2 93.2
154 63.4 52.3 78.5





#55
Dibenzenofuran
Concen: 43.603 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

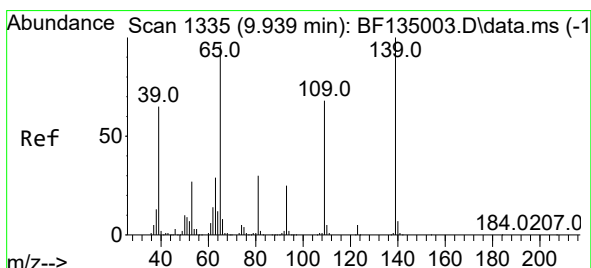
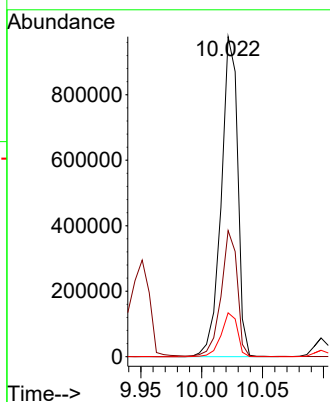
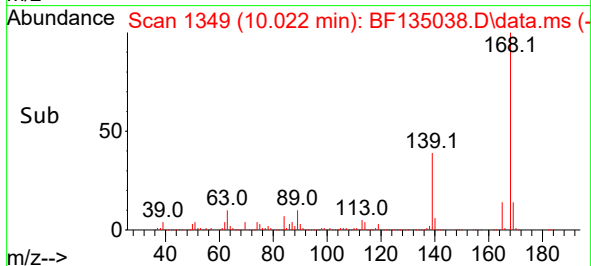
Instrument : BNA_F
Client Sample Id : PB155191BS



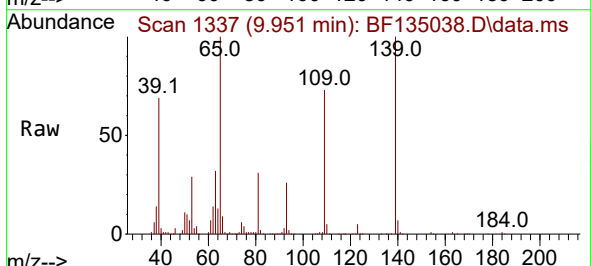
Tgt Ion:168 Resp: 921950
Ion Ratio Lower Upper
168 100
139 39.4 31.5 47.3
169 13.7 10.7 16.1

Manual Integrations
APPROVED

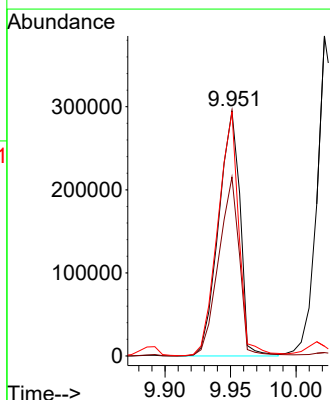
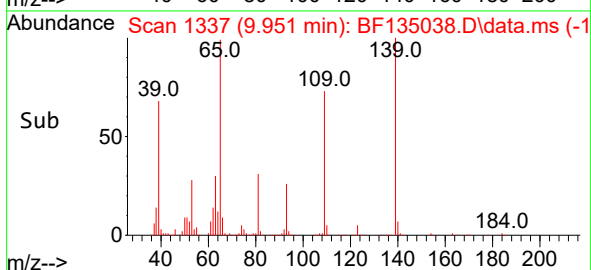
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

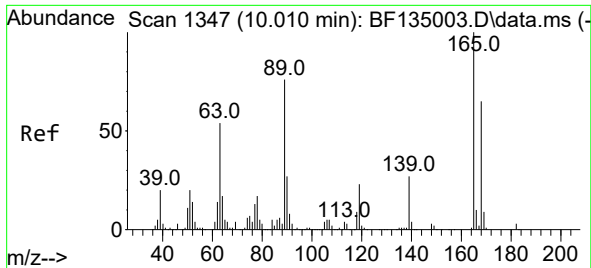


#56
4-Nitrophenol
Concen: 100.534 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17



Tgt Ion:139 Resp: 334962
Ion Ratio Lower Upper
139 100
109 73.0 47.7 87.7
65 99.5 75.9 115.9





#57
2,4-Dinitrotoluene
Concen: 46.366 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

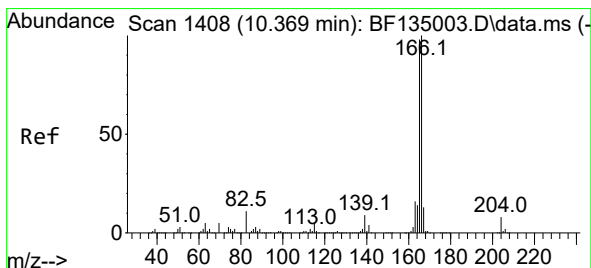
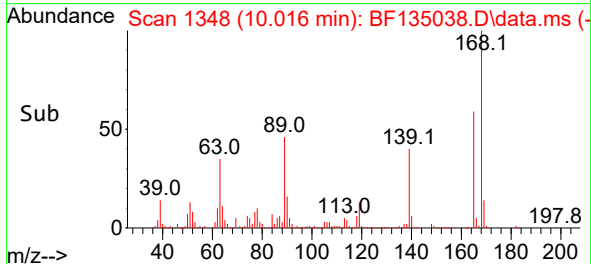
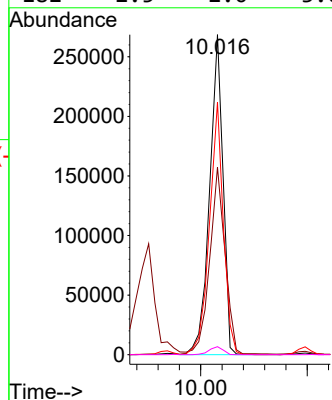
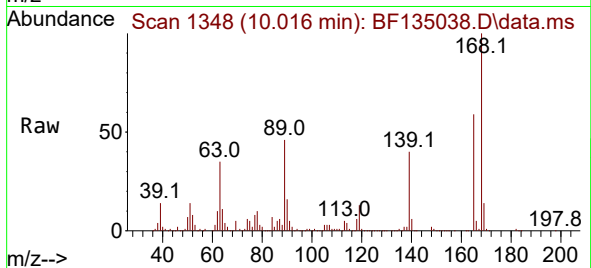
PB155191BS

Tgt Ion:165 Resp: 23511
Ion Ratio Lower Upper
165 100
63 58.6 43.2 64.8
89 78.9 60.8 91.2
182 2.5 2.0 3.0

Manual Integrations

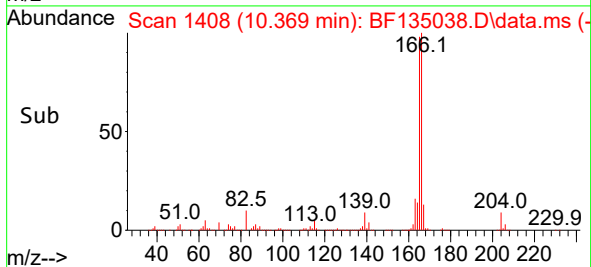
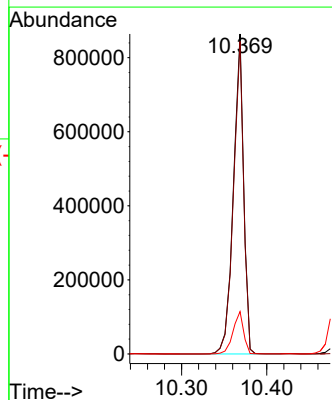
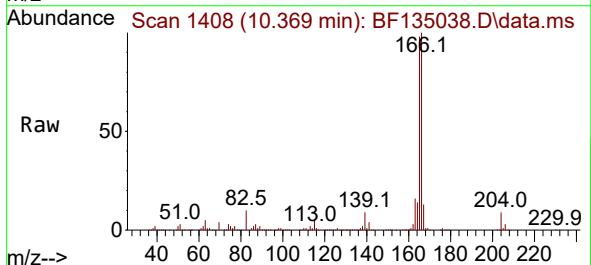
APPROVED

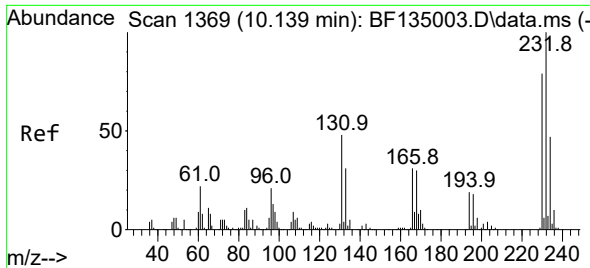
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#58
Fluorene
Concen: 44.695 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

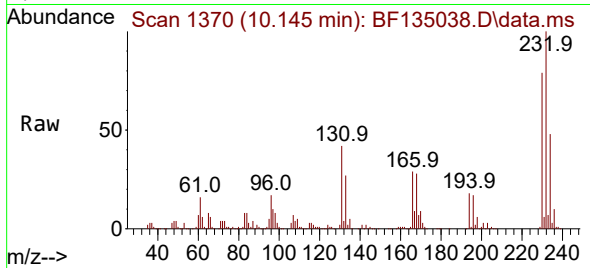
Tgt Ion:166 Resp: 720480
Ion Ratio Lower Upper
166 100
165 97.7 78.0 117.0
167 13.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.298 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

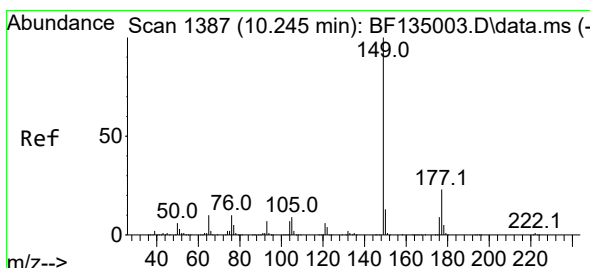
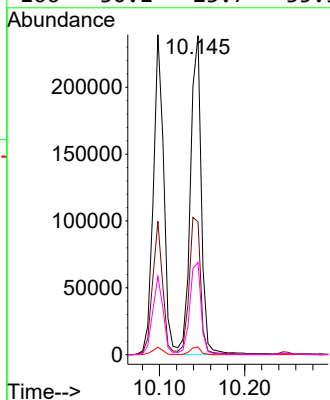
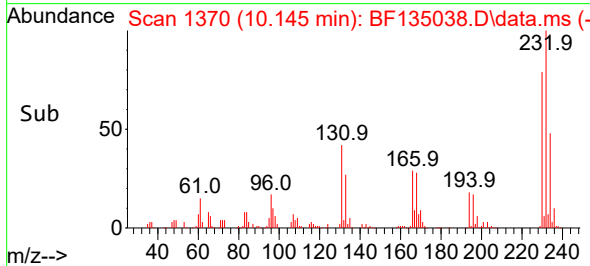
Instrument :
BNA_F
ClientSampleId :
PB155191BS



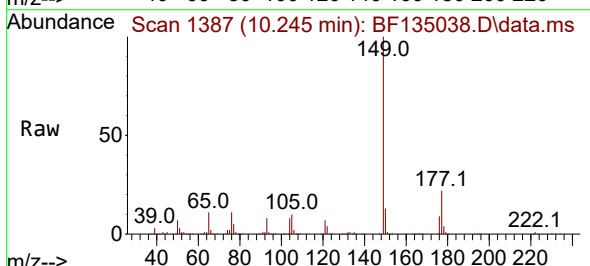
Tgt Ion:232 Resp: 209939
Ion Ratio Lower Upper
232 100
131 45.4 35.3 52.9
130 2.4 1.7 2.5
166 30.1 23.7 35.5

Manual Integrations
APPROVED

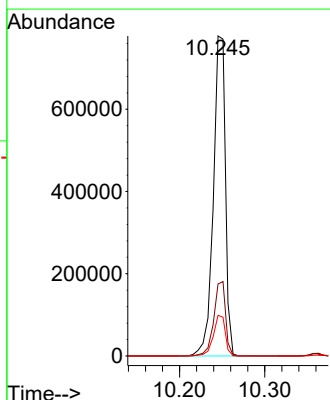
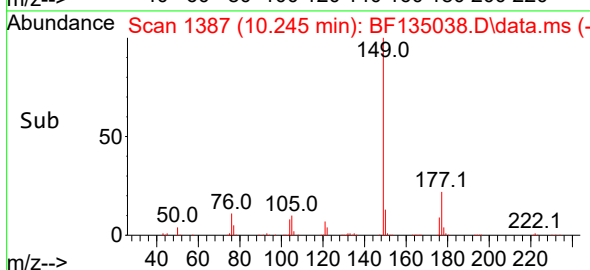
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

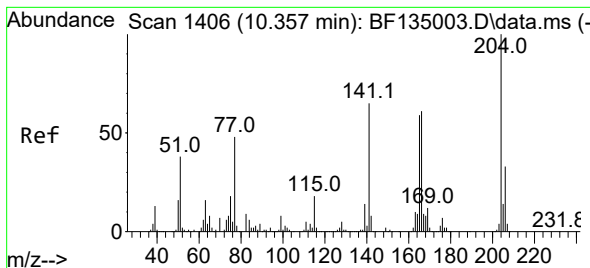


#60
Diethylphthalate
Concen: 44.132 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17



Tgt Ion:149 Resp: 770372
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.7 10.1 15.1





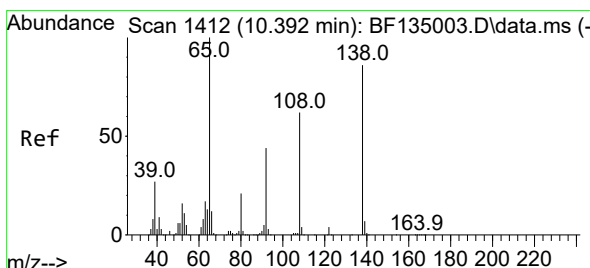
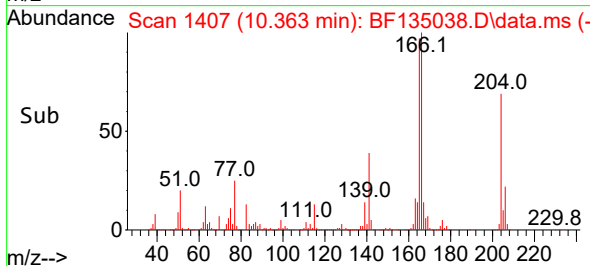
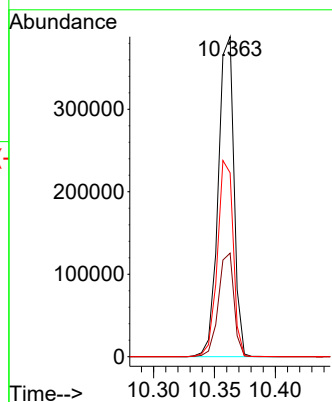
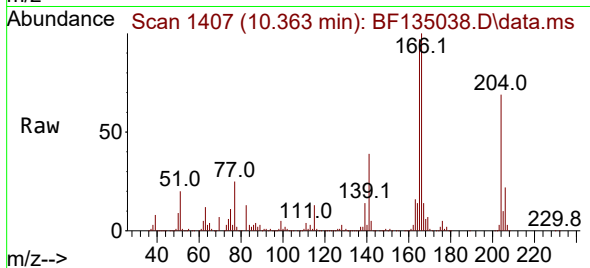
#61
4-Chlorophenyl-phenylether
Concen: 43.847 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :
BNA_F
ClientSampleId :
PB155191BS

Tgt Ion:204 Resp: 349615
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 57.5 51.8 77.6

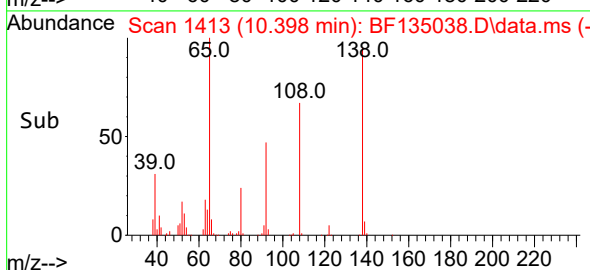
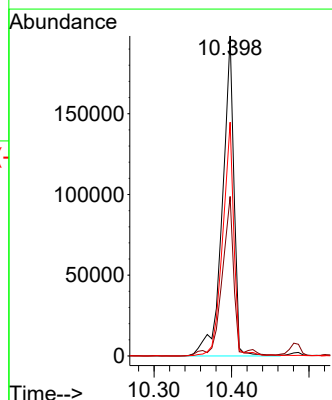
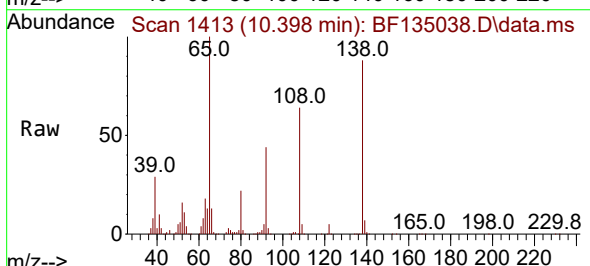
Manual Integrations
APPROVED

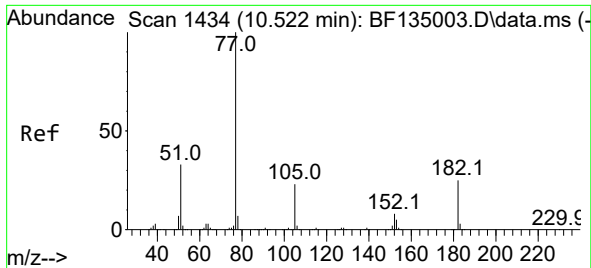
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#62
4-Nitroaniline
Concen: 44.456 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

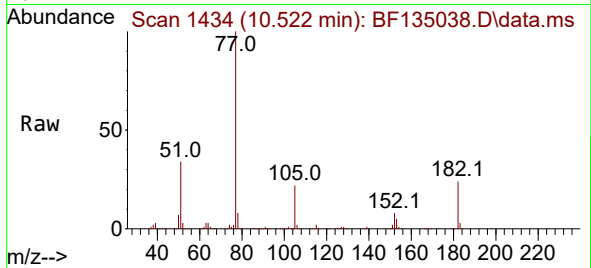
Tgt Ion:138 Resp: 206180
Ion Ratio Lower Upper
138 100
92 49.9 30.7 70.7
108 73.0 51.7 91.7





#63
Azobenzene
Concen: 43.903 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

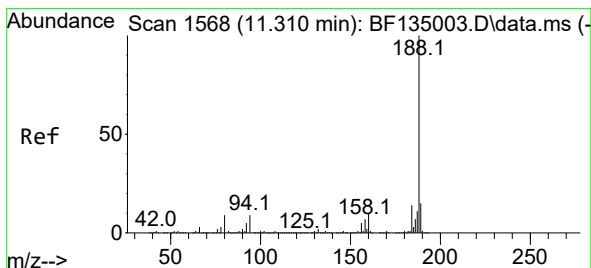
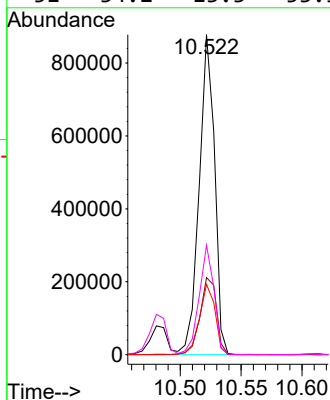
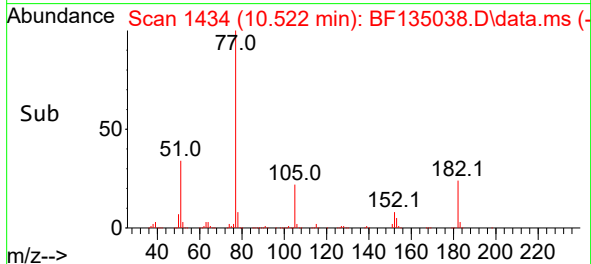
Instrument :
BNA_F
ClientSampleId :
PB155191BS



Tgt Ion: 77 Resp: 771669
Ion Ratio Lower Upper
77 100
182 24.1 4.9 44.9
105 21.9 2.7 42.7
51 34.2 13.3 53.3

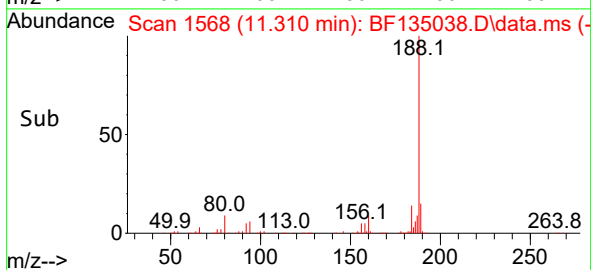
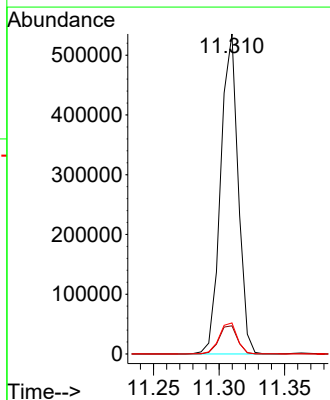
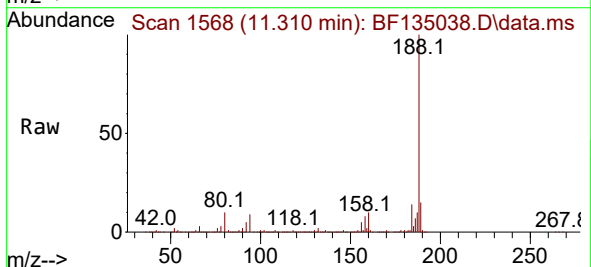
Manual Integrations
APPROVED

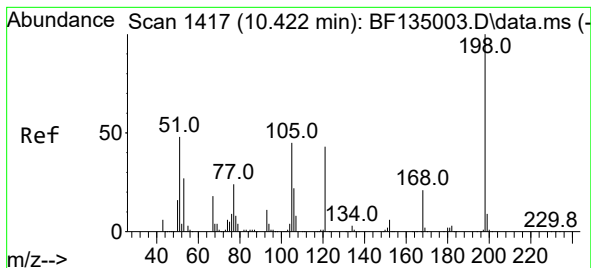
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

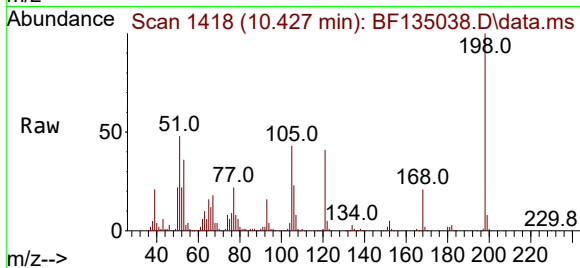
Tgt Ion:188 Resp: 494541
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.7 7.4 11.2





#65
4,6-Dinitro-2-methylphenol
Concen: 49.451 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

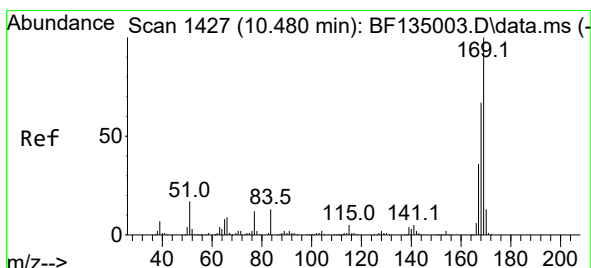
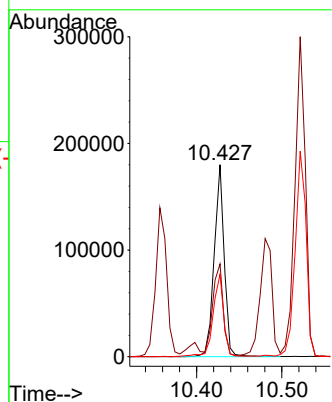
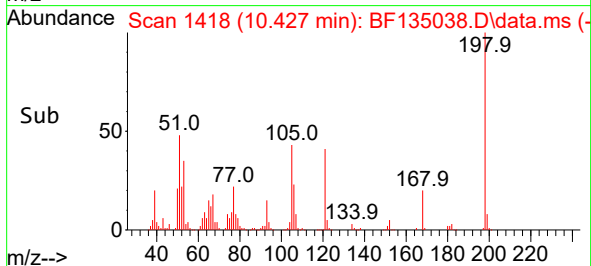
Instrument :
BNA_F
ClientSampleId :
PB155191BS



Tgt Ion:198 Resp: 148009
Ion Ratio Lower Upper
198 100
51 48.3 35.7 75.7
105 42.9 25.9 65.9

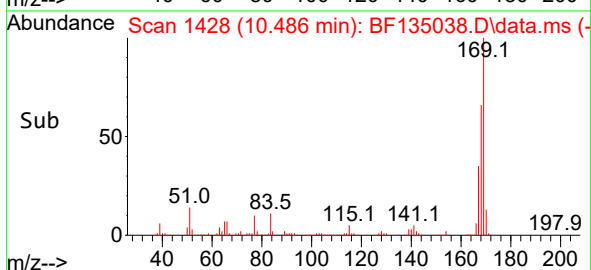
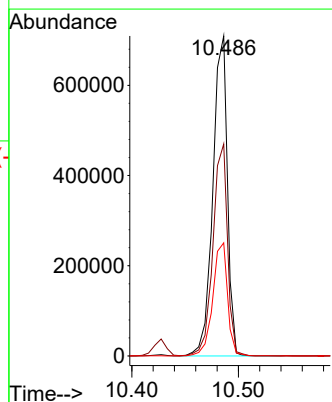
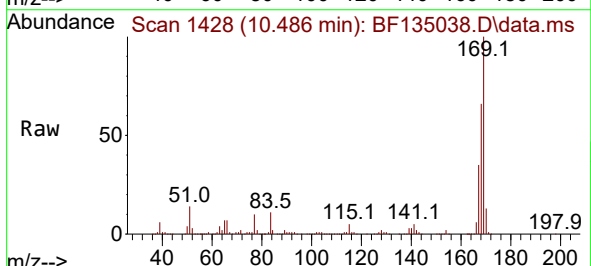
Manual Integrations
APPROVED

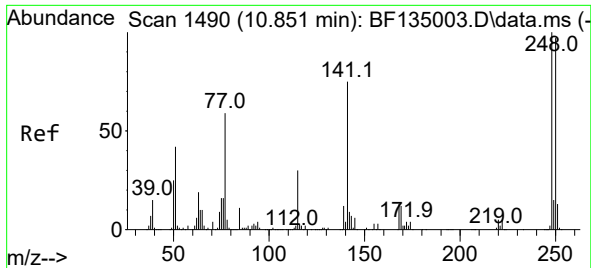
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#66
n-Nitrosodiphenylamine
Concen: 43.694 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:169 Resp: 671881
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 35.3 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 43.047 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

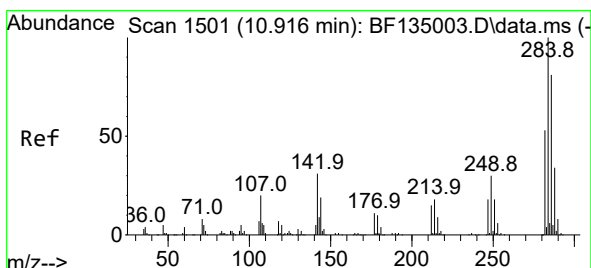
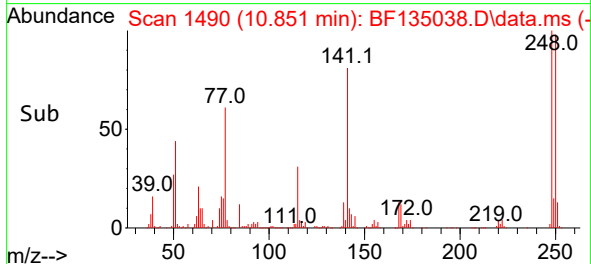
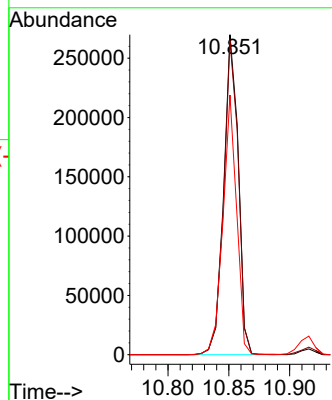
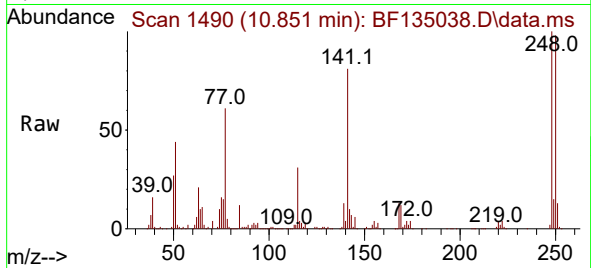
PB155191BS

Tgt Ion:248 Resp: 225798
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 81.2 59.8 89.8

Manual Integrations

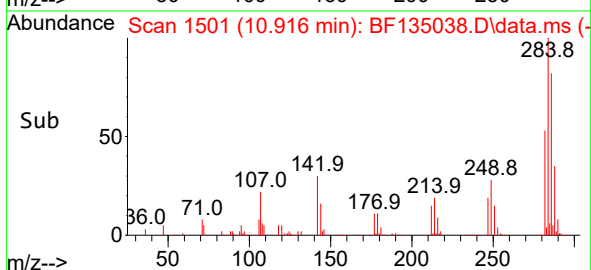
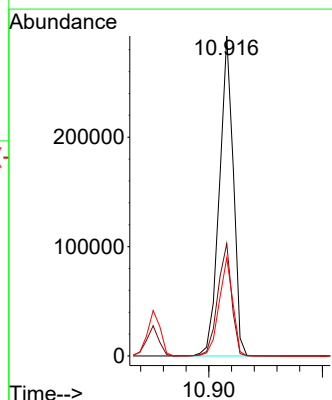
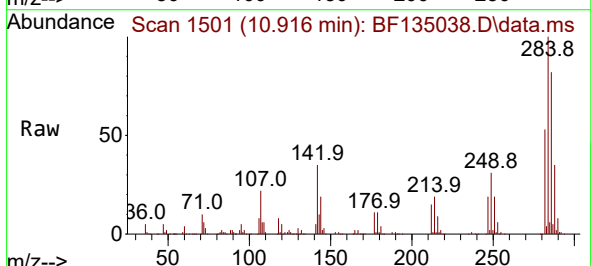
APPROVED

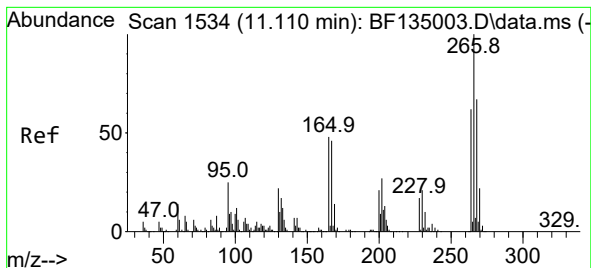
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#68
Hexachlorobenzene
Concen: 45.922 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

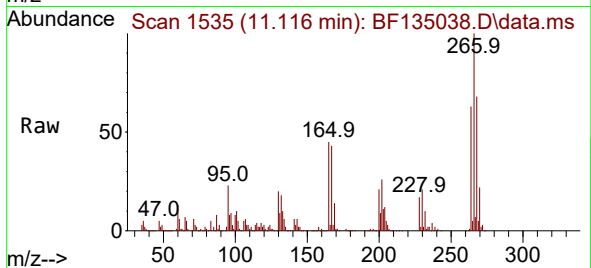
Tgt Ion:284 Resp: 249072
Ion Ratio Lower Upper
284 100
142 35.1 25.1 37.7
249 30.7 24.1 36.1





#70
Pentachlorophenol
Concen: 82.522 ng
RT: 11.116 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

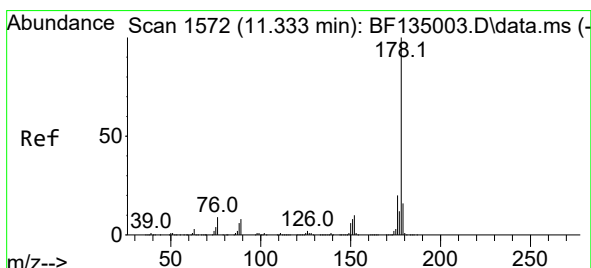
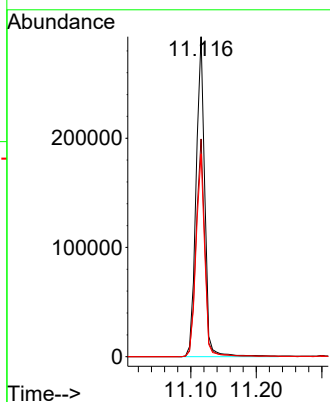
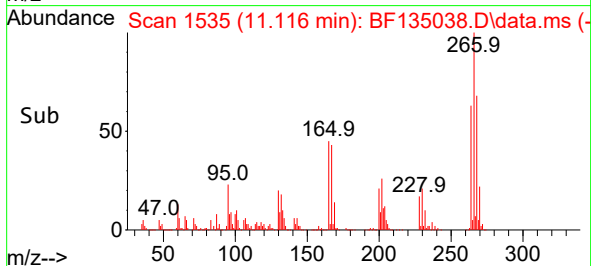
Instrument :
BNA_F
ClientSampleId :
PB155191BS



Tgt Ion:266 Resp: 270783
Ion Ratio Lower Upper
266 100
268 68.0 53.3 79.9
264 63.4 49.3 73.9

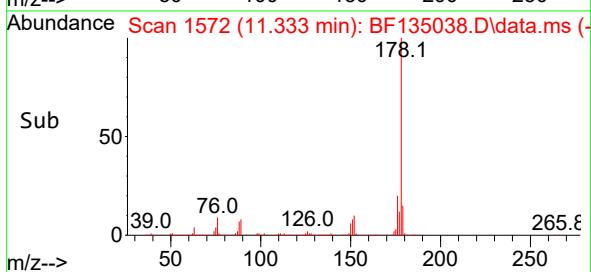
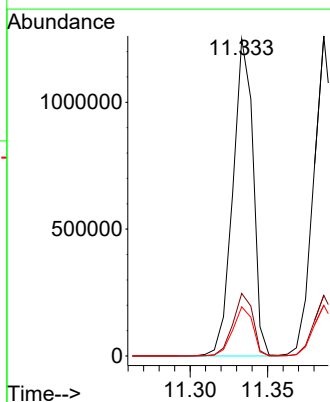
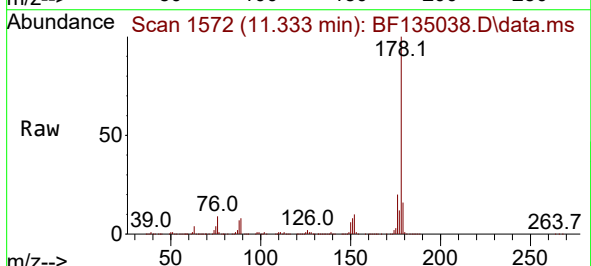
Manual Integrations
APPROVED

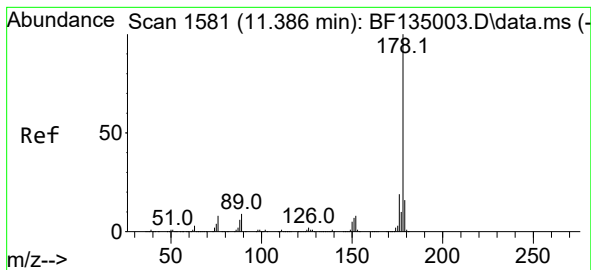
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#71
Phenanthrene
Concen: 44.388 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

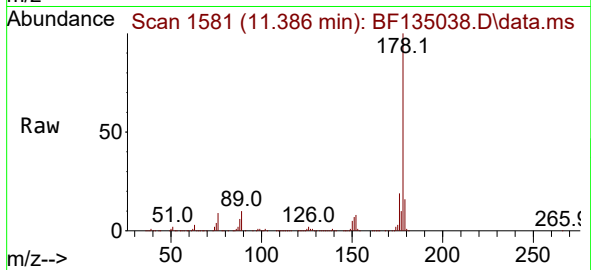
Tgt Ion:178 Resp: 1132500
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.5 12.5 18.7





#72
 Anthracene
 Concen: 44.045 ng
 RT: 11.386 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

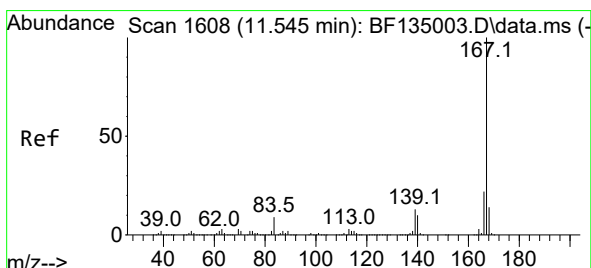
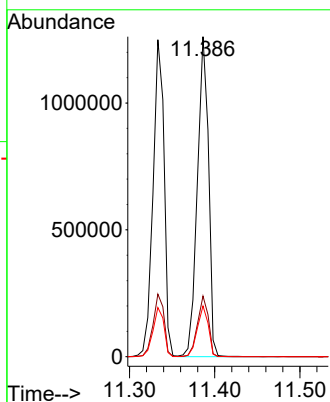
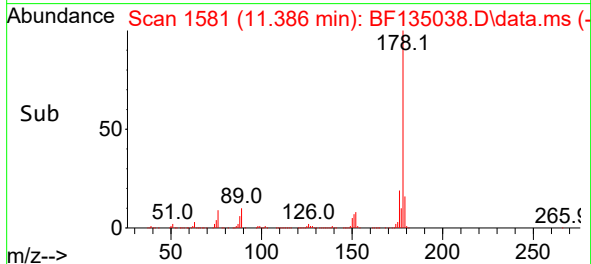
Instrument :
 BNA_F
 ClientSampleId :
 PB155191BS



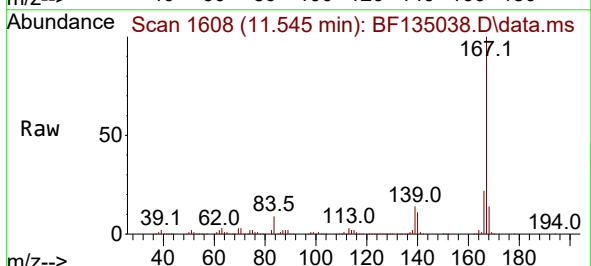
Tgt Ion:178 Resp: 1148140
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.9 12.8 19.2

Manual Integrations
 APPROVED

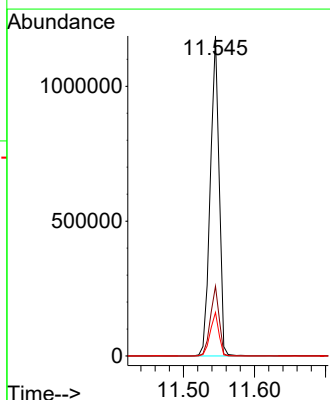
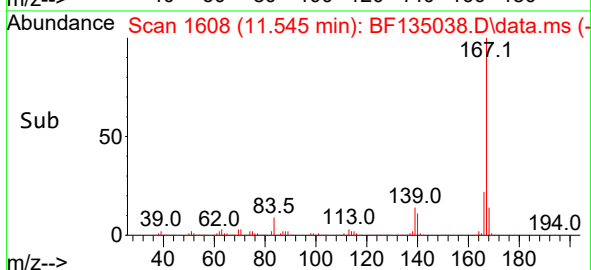
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

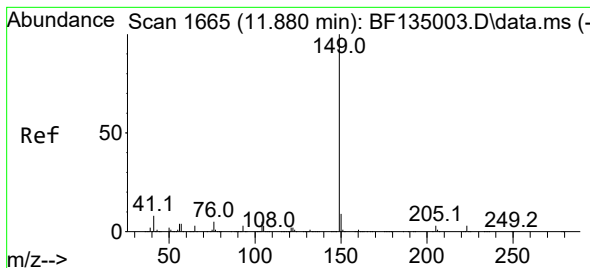


#73
 Carbazole
 Concen: 45.850 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.000 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17



Tgt Ion:167 Resp: 1030879
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.6 10.3 15.5





#74

Di-n-butylphthalate

Concen: 43.621 ng

RT: 11.880 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BF135038.D

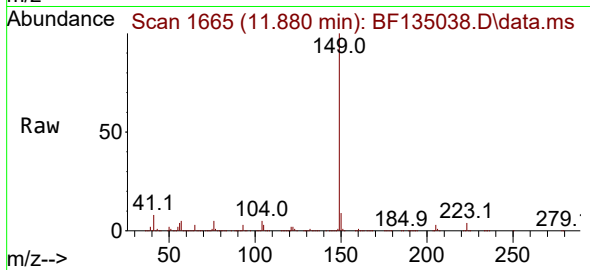
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS



Tgt Ion:149 Resp: 118227

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

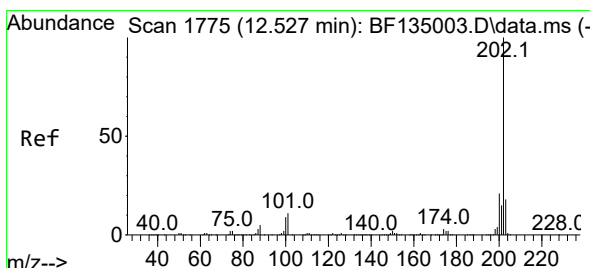
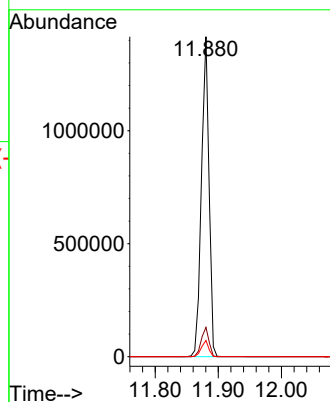
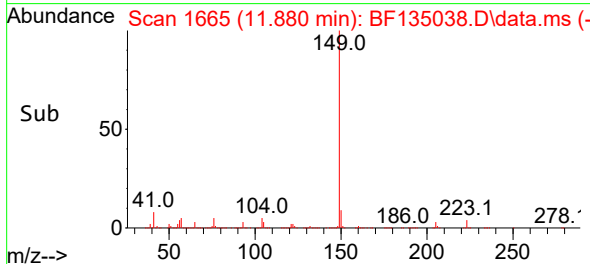
104 5.1 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#75

Fluoranthene

Concen: 45.627 ng

RT: 12.527 min Scan# 1775

Delta R.T. 0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

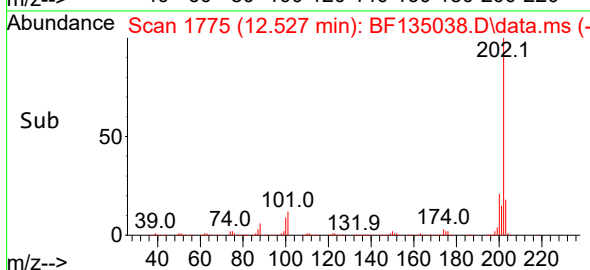
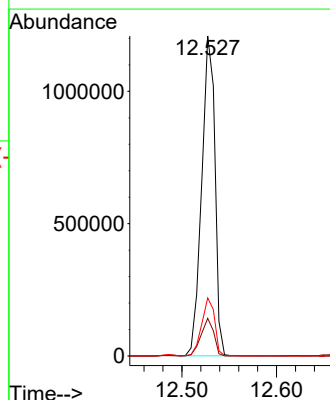
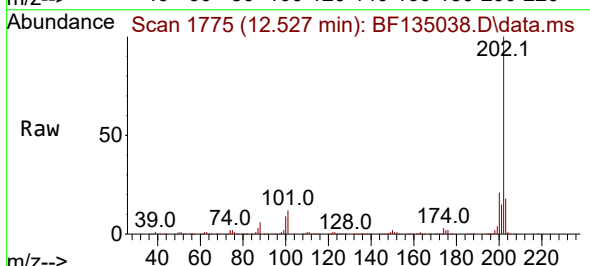
Tgt Ion:202 Resp: 1176967

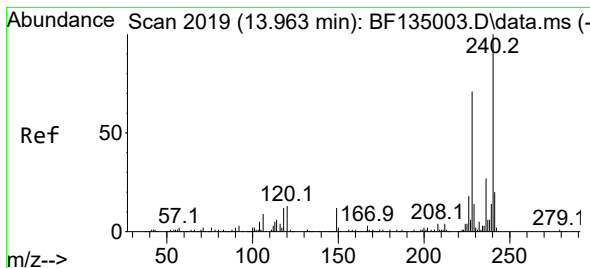
Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.5

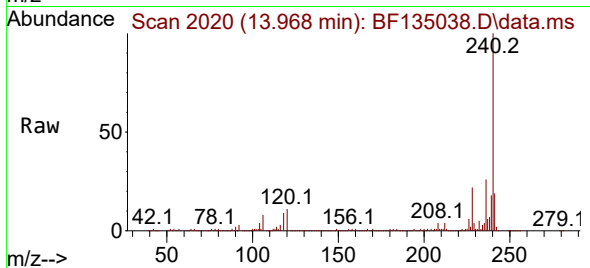
203 18.1 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

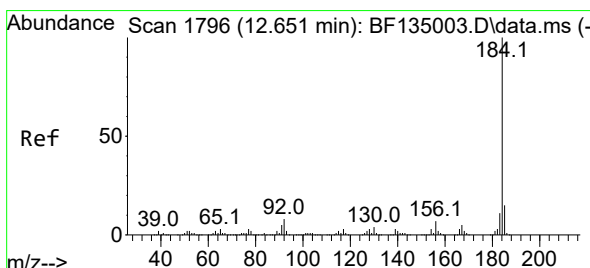
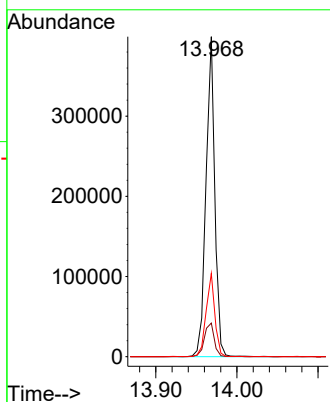
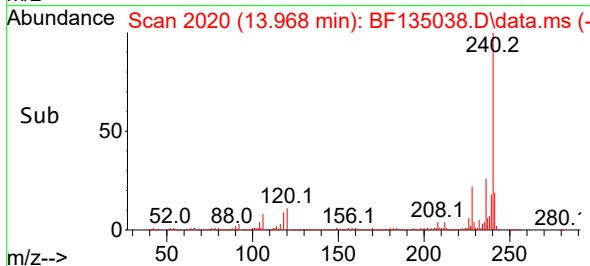
Instrument :
BNA_F
ClientSampleId :
PB155191BS



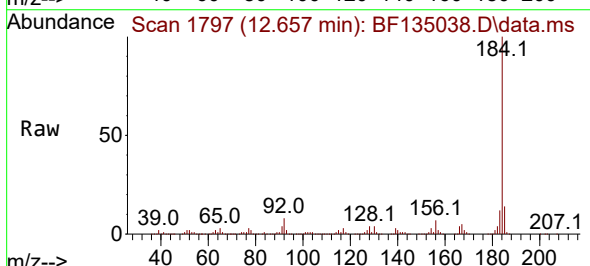
Tgt Ion:240 Resp: 30017
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.2
236 26.0 21.3 31.9

Manual Integrations
APPROVED

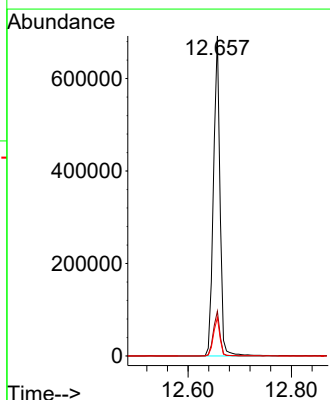
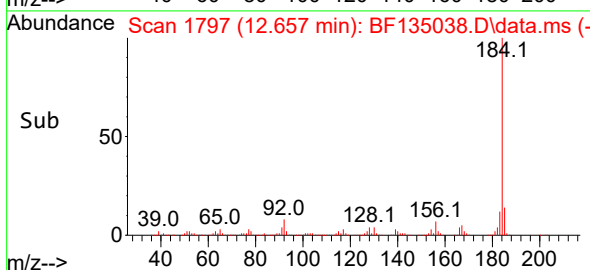
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

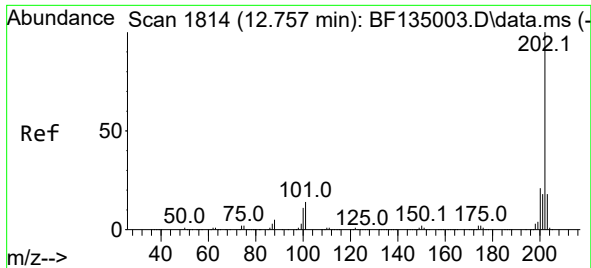


#77
Benzidine
Concen: 112.181 ng
RT: 12.657 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17



Tgt Ion:184 Resp: 607020
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 12.0 9.0 13.6





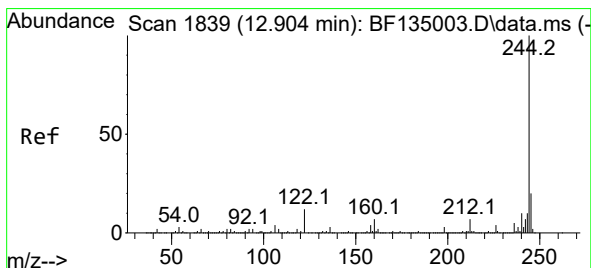
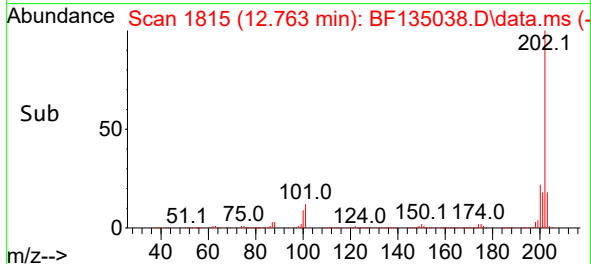
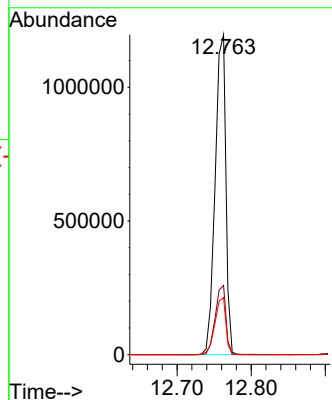
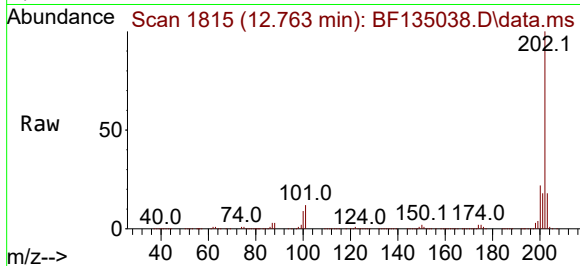
#78
Pyrene
Concen: 42.009 ng
RT: 12.763 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :
BNA_F
ClientSampleId :
PB155191BS

Tgt Ion:202 Resp: 119725
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 17.9 14.2 21.2

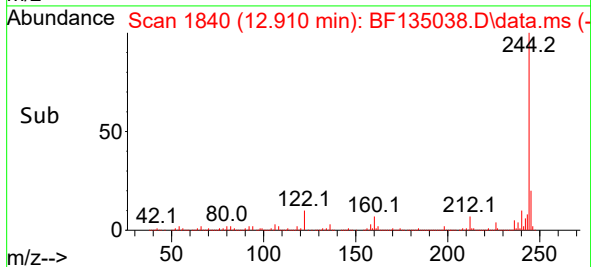
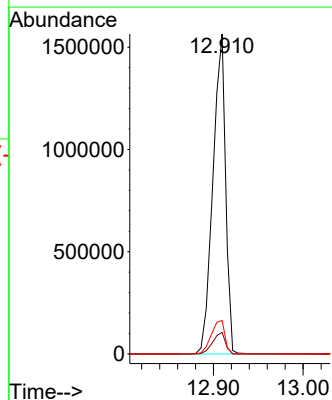
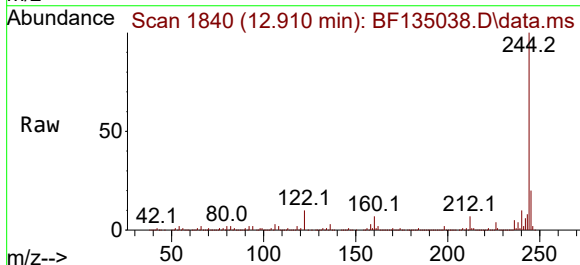
Manual Integrations
APPROVED

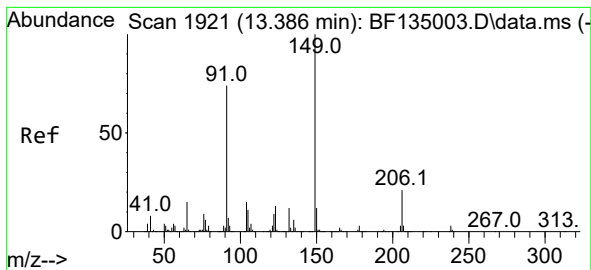
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#79
Terphenyl-d14
Concen: 83.367 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:244 Resp: 1533455
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.5 9.8 14.6





#80
Butylbenzylphthalate
Concen: 46.373 ng
RT: 13.386 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

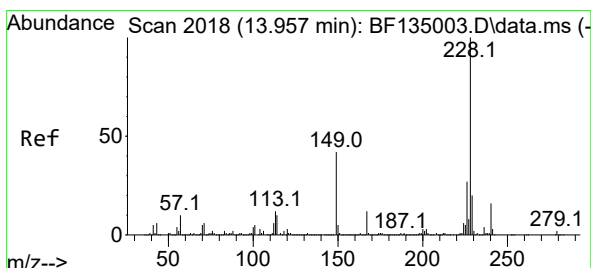
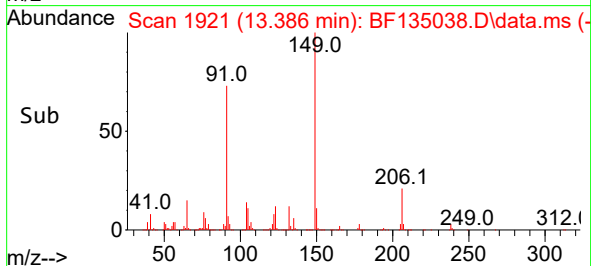
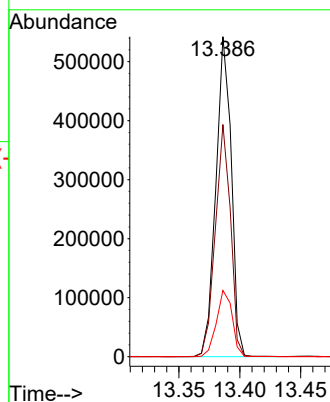
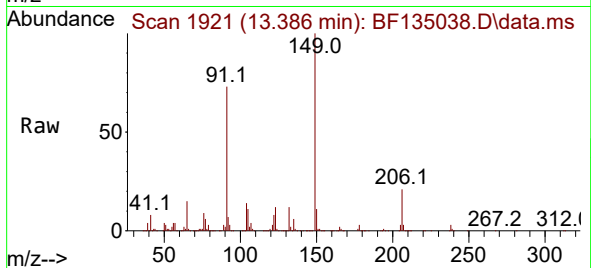
PB155191BS

Tgt Ion:149 Resp: 477449
Ion Ratio Lower Upper
149 100
91 72.6 59.0 88.6
206 20.7 16.7 25.1

Manual Integrations

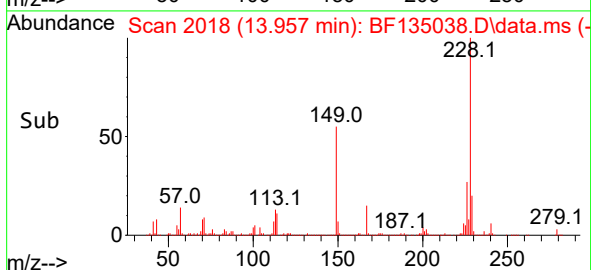
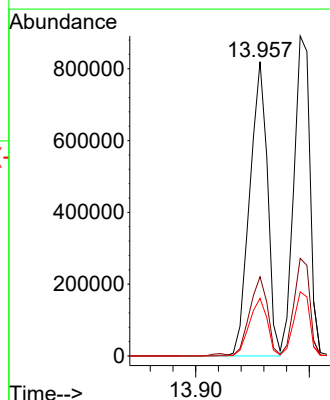
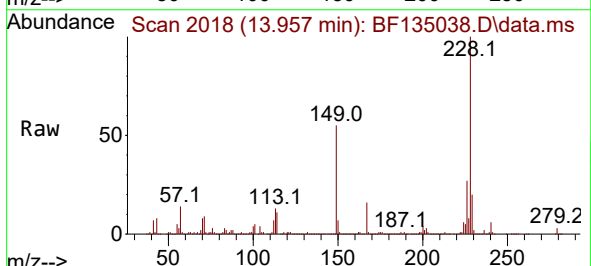
APPROVED

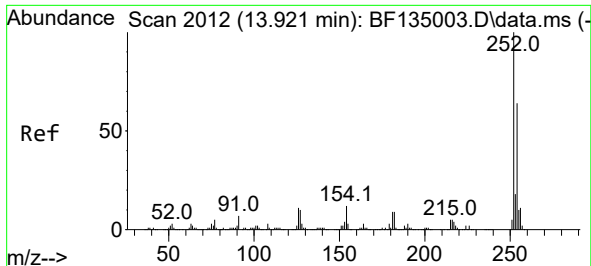
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#81
Benzo(a)anthracene
Concen: 43.463 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:228 Resp: 889943
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.6 15.6 23.4





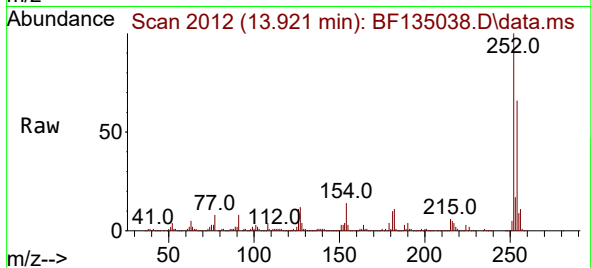
#82
3,3'-Dichlorobenzidine
Concen: 49.365 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

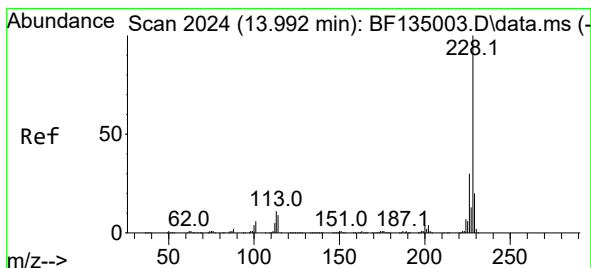
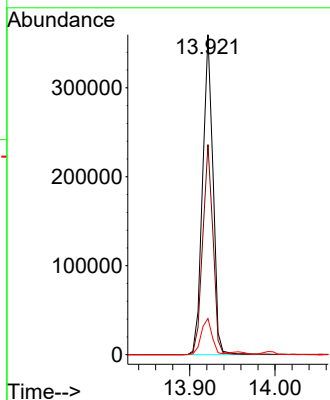
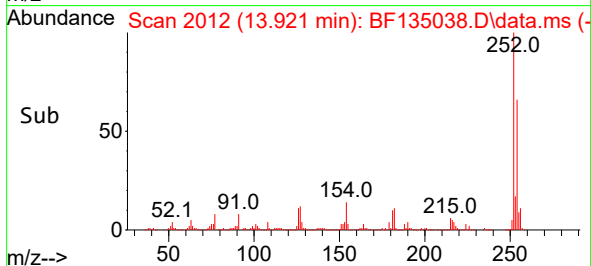


Tgt Ion:252 Resp: 305009
Ion Ratio Lower Upper
252 100
254 65.7 51.3 76.9
126 11.3 8.6 12.8

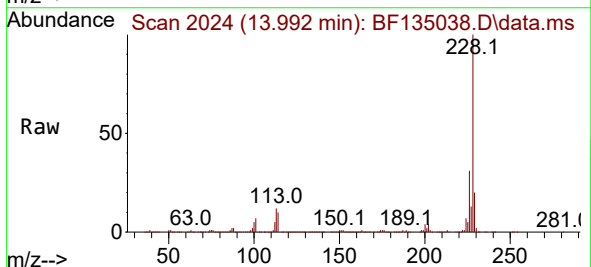
Manual Integrations

APPROVED

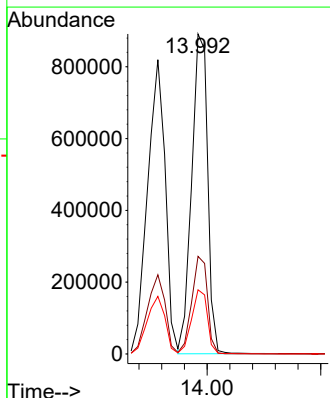
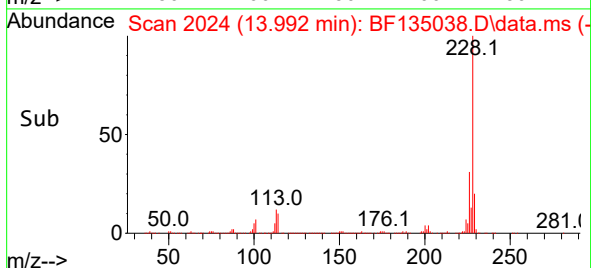
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

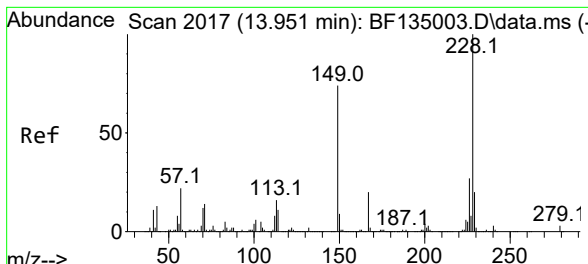


#83
Chrysene
Concen: 43.365 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17



Tgt Ion:228 Resp: 872633
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.4
229 20.1 15.9 23.9





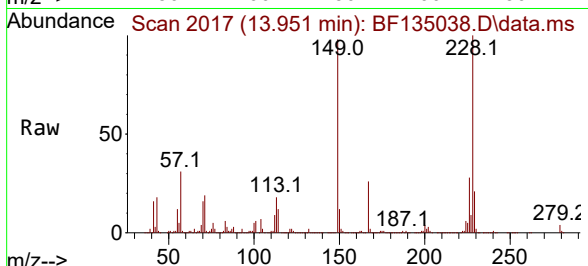
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.517 ng
 RT: 13.951 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

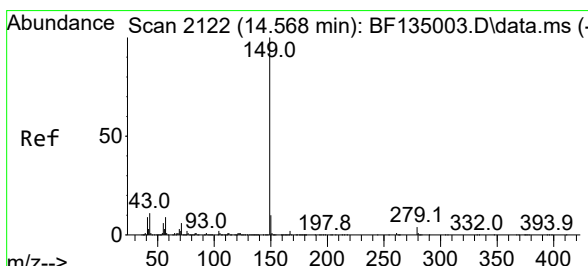
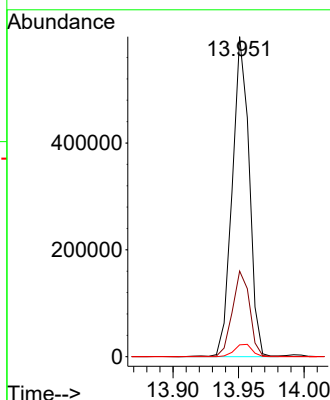
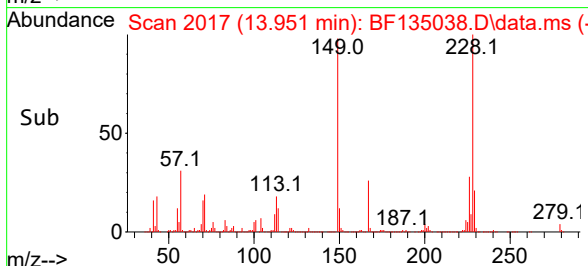


Tgt Ion:149 Resp: 538269
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.4 32.0
 279 3.7 3.0 4.6

Manual Integrations

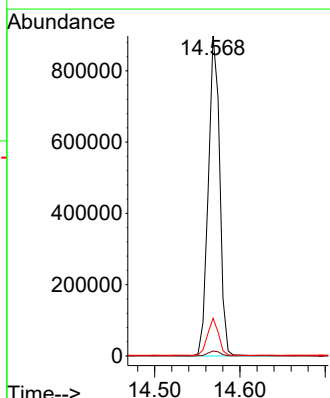
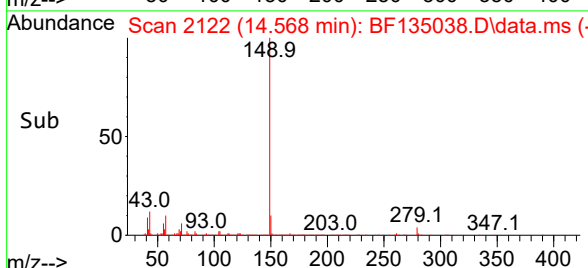
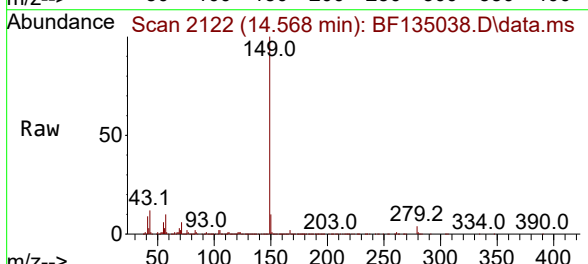
APPROVED

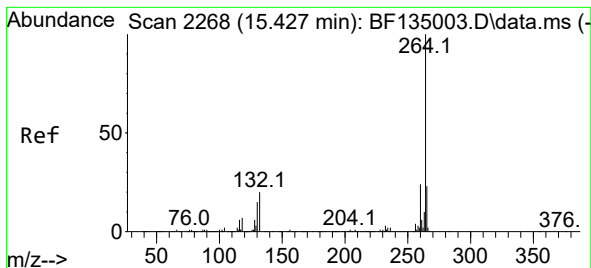
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023



#85
 Di-n-octyl phthalate
 Concen: 51.191 ng
 RT: 14.568 min Scan# 2122
 Delta R.T. -0.000 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

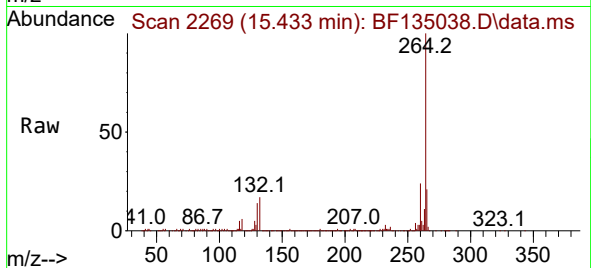
Tgt Ion:149 Resp: 832548
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.1 9.3 13.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

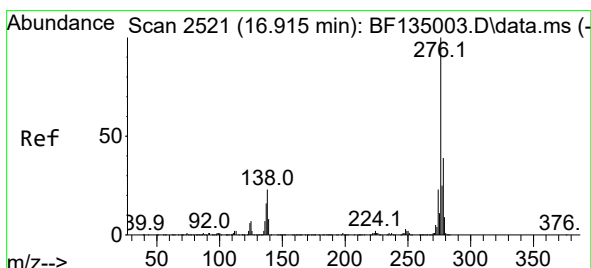
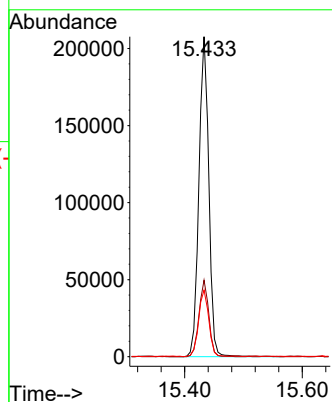
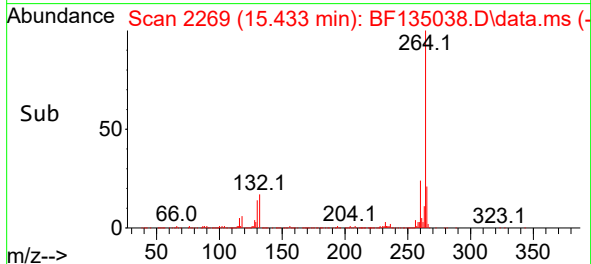
Instrument :
BNA_F
ClientSampleId :
PB155191BS



Tgt Ion:264 Resp: 241710
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 20.8 18.2 27.2

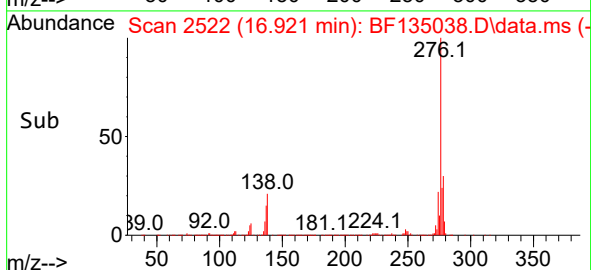
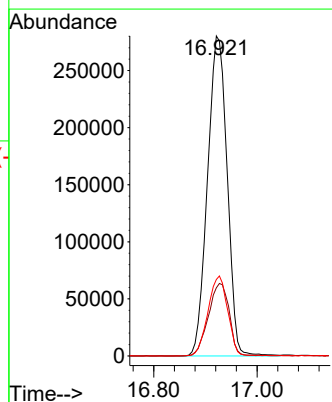
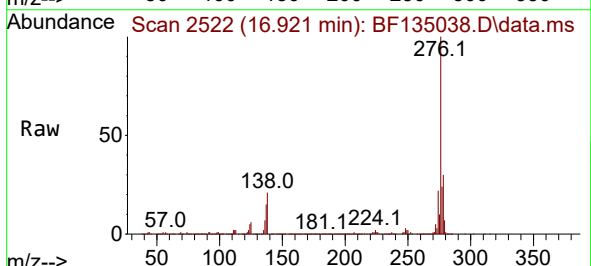
Manual Integrations
APPROVED

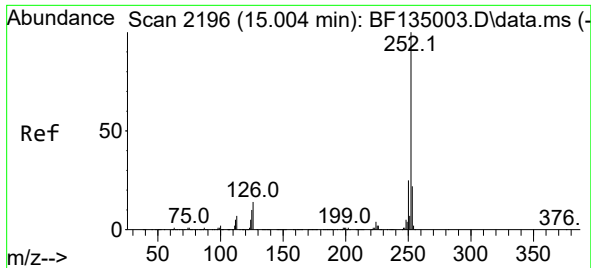
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 45.430 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:276 Resp: 739656
Ion Ratio Lower Upper
276 100
138 24.0 20.2 30.2
277 25.1 20.4 30.6





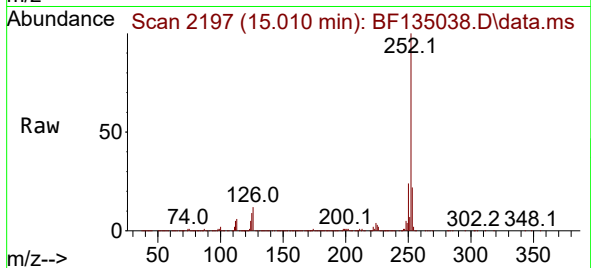
#88
Benzo(b)fluoranthene
Concen: 49.004 ng
RT: 15.010 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

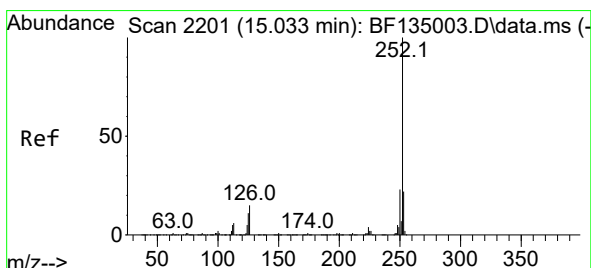
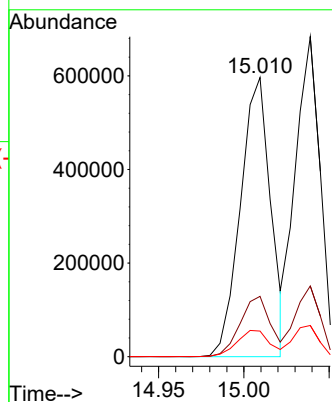
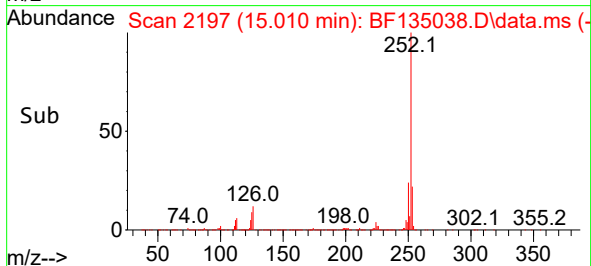


Tgt Ion:252 Resp: 73702
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 9.2 8.4 12.6

Manual Integrations

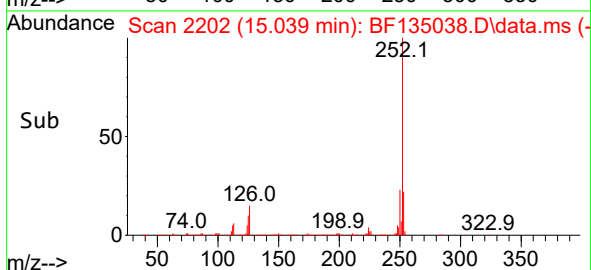
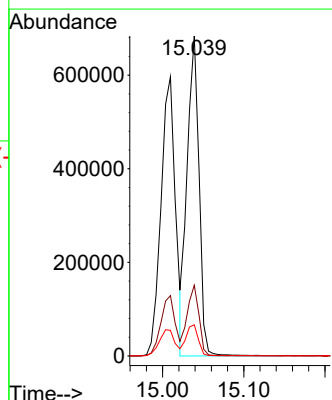
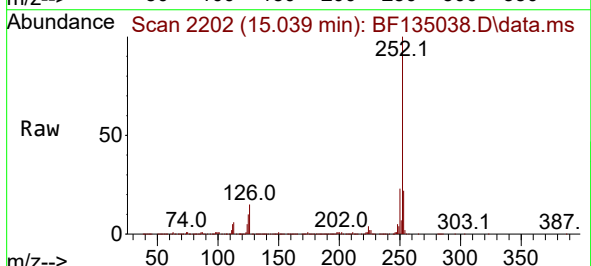
APPROVED

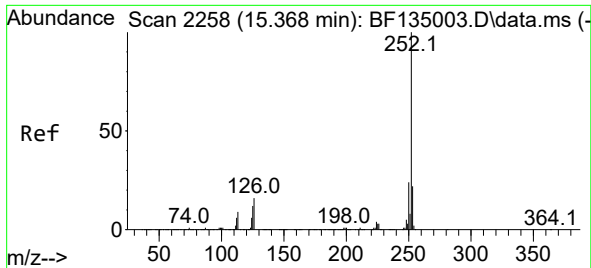
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#89
Benzo(k)fluoranthene
Concen: 48.011 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

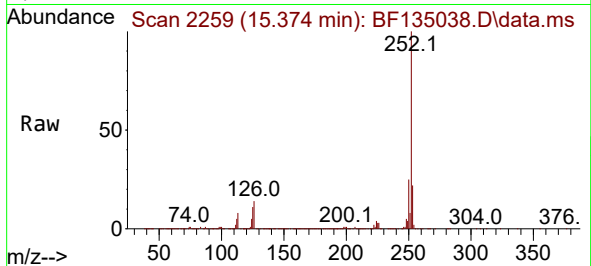
Tgt Ion:252 Resp: 697591
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.8 8.5 12.7





#90
Benzo(a)pyrene
Concen: 43.948 ng
RT: 15.374 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

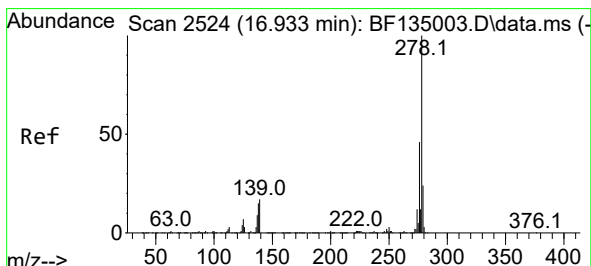
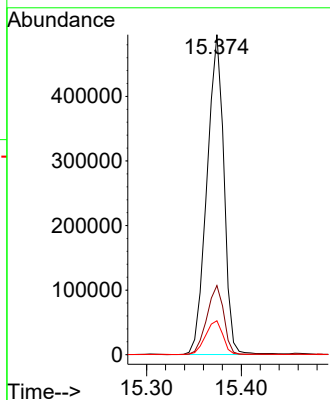
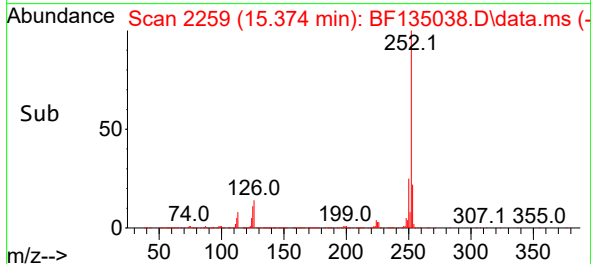
Instrument :
BNA_F
ClientSampleId :
PB155191BS



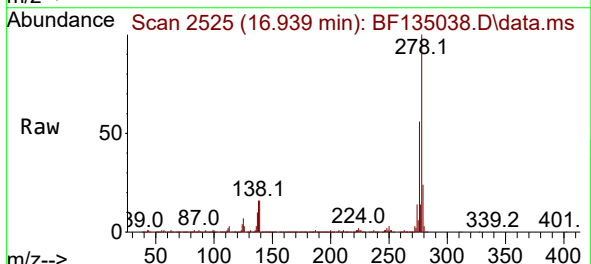
Tgt Ion:252 Resp: 61402
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.6 9.5 14.3

Manual Integrations
APPROVED

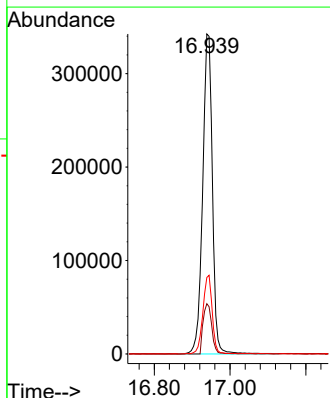
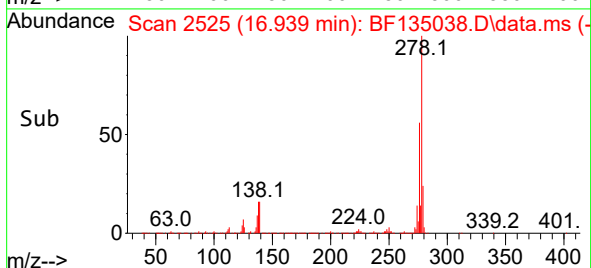
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

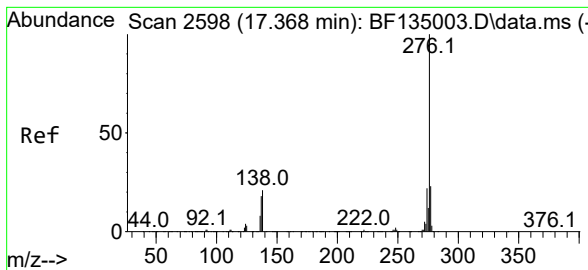


#91
Dibenzo(a,h)anthracene
Concen: 46.232 ng
RT: 16.939 min Scan# 2525
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17



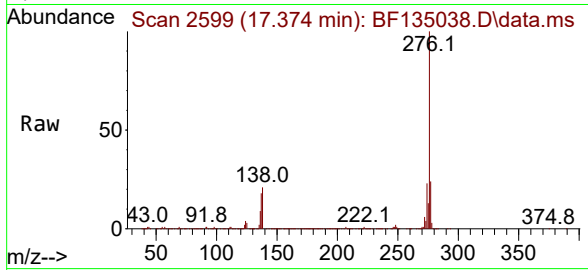
Tgt Ion:278 Resp: 609642
Ion Ratio Lower Upper
278 100
139 15.7 13.4 20.2
279 23.9 19.5 29.3





#92
 Benzo(g,h,i)perylene
 Concen: 45.225 ng
 RT: 17.374 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB155191BS



Tgt Ion:276 Resp: 62024
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.5 27.7
 138 21.3 17.1 25.7

Manual Integrations
 APPROVED

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

