

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134262.D
 Acq On : 13 Jul 2023 15:10
 Operator : CG\JU
 Sample : PB153397BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153397BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023

Quant Time: Jul 13 15:39:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	79958	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	303742	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	154715	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	315026	20.000	ng	0.00
76) Chrysene-d12	14.039	240	236829	20.000	ng	0.00
86) Perylene-d12	15.539	264	212072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	557015	116.531	ng	0.00
7) Phenol-d6	6.486	99	655041	111.431	ng	0.00
23) Nitrobenzene-d5	7.404	82	449027	79.689	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	234043	120.652	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	855220	80.367	ng	0.00
79) Terphenyl-d14	12.974	244	1087103	73.876	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	77977	39.564	ng	98
3) Pyridine	3.457	79	160838	31.329	ng	93
4) n-Nitrosodimethylamine	3.404	42	119209	40.657	ng	99
6) Aniline	6.504	93	148039	20.695	ng	# 64
8) 2-Chlorophenol	6.628	128	216955	44.712	ng	99
9) Benzaldehyde	6.392	77	62306	16.270	ng	92
10) Phenol	6.498	94	256471	41.495	ng	95
11) bis(2-Chloroethyl)ether	6.581	93	187547	41.216	ng	97
12) 1,3-Dichlorobenzene	6.781	146	230218	44.503	ng	99
13) 1,4-Dichlorobenzene	6.857	146	236882	45.336	ng	99
14) 1,2-Dichlorobenzene	7.010	146	224840	45.947	ng	97
15) Benzyl Alcohol	6.986	79	196006	43.252	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	322246	40.030	ng	96
17) 2-Methylphenol	7.098	107	179426	41.294	ng	98
18) Hexachloroethane	7.345	117	89348	46.118	ng	93
19) n-Nitroso-di-n-propyla...	7.257	70	153368	41.140	ng	99
20) 3+4-Methylphenols	7.251	107	221681	42.054	ng	96
22) Acetophenone	7.251	105	310665	44.973	ng	96
24) Nitrobenzene	7.428	77	238894	41.955	ng	97
25) Isophorone	7.663	82	415750	40.598	ng	99
26) 2-Nitrophenol	7.739	139	117560	43.038	ng	93
27) 2,4-Dimethylphenol	7.781	122	187831	43.441	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	237752	40.095	ng	99
29) 2,4-Dichlorophenol	7.980	162	181175	42.256	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	195124	44.105	ng	97
31) Naphthalene	8.145	128	613164	41.792	ng	99
32) Benzoic acid	7.904	122	142477	43.975	ng	98
33) 4-Chloroaniline	8.198	127	79041	12.594	ng	98
34) Hexachlorobutadiene	8.257	225	123798	44.361	ng	99
35) Caprolactam	8.569	113	60507m	42.860	ng	
36) 4-Chloro-3-methylphenol	8.680	107	205144	42.591	ng	95
37) 2-Methylnaphthalene	8.833	142	408891	39.410	ng	100
38) 1-Methylnaphthalene	8.933	142	386075	40.027	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	199204	43.459	ng	99
41) Hexachlorocyclopentadiene	8.986	237	168424	77.451	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	131016	41.988	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134262.D
 Acq On : 13 Jul 2023 15:10
 Operator : CG\JU
 Sample : PB153397BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153397BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023

Quant Time: Jul 13 15:39:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	136770	37.264	ng	96
46) 1,1'-Biphenyl	9.304	154	524810	42.287	ng	97
47) 2-Chloronaphthalene	9.327	162	382677	42.143	ng	98
48) 2-Nitroaniline	9.427	65	135144	40.837	ng	97
49) Acenaphthylene	9.745	152	624252	40.244	ng	100
50) Dimethylphthalate	9.604	163	450220	40.088	ng	100
51) 2,6-Dinitrotoluene	9.669	165	100885	41.707	ng	86
52) Acenaphthene	9.916	154	373490	41.496	ng	99
53) 3-Nitroaniline	9.839	138	83454	28.758	ng	95
54) 2,4-Dinitrophenol	9.957	184	108491	77.776	ng	96
55) Dibenzofuran	10.086	168	568277	40.399	ng	98
56) 4-Nitrophenol	10.016	139	160357	78.999	ng	93
57) 2,4-Dinitrotoluene	10.080	165	136188	42.632	ng	92
58) Fluorene	10.433	166	456629	41.725	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	117785	40.683	ng	99
60) Diethylphthalate	10.304	149	473022	40.427	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	215184	40.801	ng	93
62) 4-Nitroaniline	10.463	138	113030	38.649	ng	95
63) Azobenzene	10.586	77	435348	39.334	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	75986	44.242	ng	95
66) n-Nitrosodiphenylamine	10.545	169	395674	39.311	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	133304	39.812	ng	94
68) Hexachlorobenzene	10.980	284	156928	44.141	ng	96
69) Atrazine	11.074	200	105463	37.880	ng	99
70) Pentachlorophenol	11.180	266	150722	70.905	ng	99
71) Phenanthrene	11.398	178	655503	41.333	ng	99
72) Anthracene	11.451	178	679208	41.176	ng	99
73) Carbazole	11.610	167	661575	43.818	ng	99
74) Di-n-butylphthalate	11.939	149	742616	41.361	ng	99
75) Fluoranthene	12.598	202	758915	44.265	ng	98
77) Benzidine	12.721	184	121804	21.615	ng	99
78) Pyrene	12.827	202	768596	34.873	ng	100
80) Butylbenzylphthalate	13.451	149	329108	39.814	ng	99
81) Benzo(a)anthracene	14.027	228	685170	41.716	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	177709	34.151	ng	100
83) Chrysene	14.068	228	665855	41.856	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	437814	46.094	ng	100
85) Di-n-octyl phthalate	14.633	149	730411	52.335	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	615470	41.824	ng	97
88) Benzo(b)fluoranthene	15.098	252	645297	51.748	ng	99
89) Benzo(k)fluoranthene	15.127	252	577047	45.450	ng	98
90) Benzo(a)pyrene	15.480	252	529965	43.950	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	513258	42.702	ng	96
92) Benzo(g,h,i)perylene	17.562	276	502140	40.511	ng	99

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



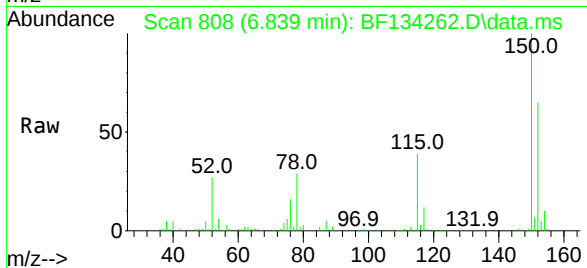
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134262.D
 Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS



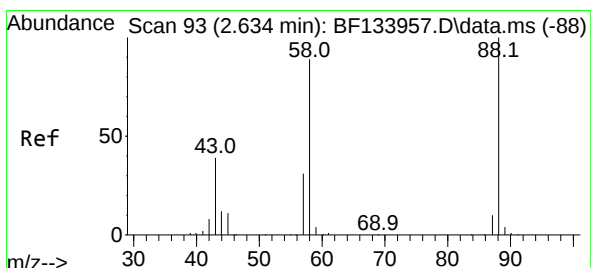
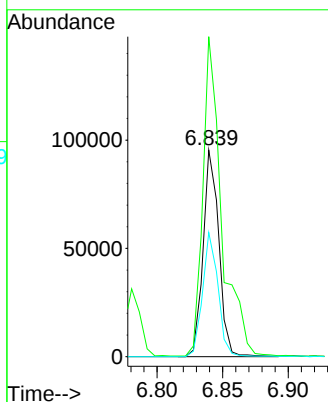
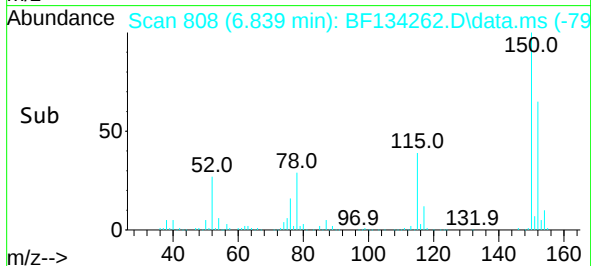
Tgt Ion:152 Resp: 79958
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.5 186.7
 115 60.1 50.2 75.2

Manual Integrations

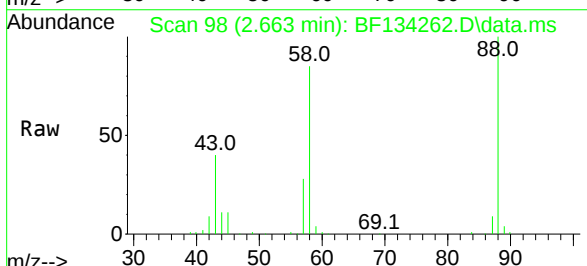
APPROVED

Reviewed By :Yogesh Patel 07/14/2023

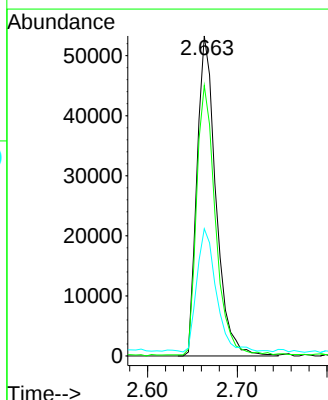
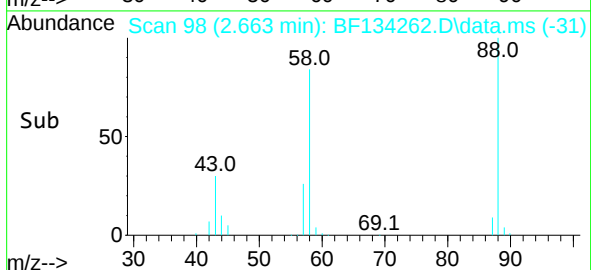
Supervised By :mohammad ahmed 07/14/2023

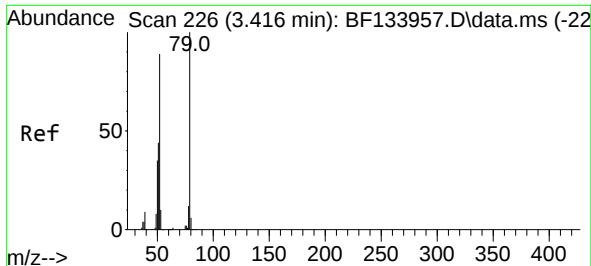


#2
 1,4-Dioxane
 Concen: 39.564 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.047 min
 Lab File: BF134262.D
 Acq: 13 Jul 2023 15:10



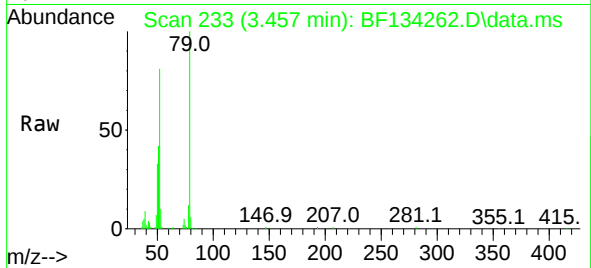
Tgt Ion: 88 Resp: 77977
 Ion Ratio Lower Upper
 88 100
 58 84.1 68.8 103.2
 43 39.3 30.7 46.1





#3
Pyridine
Concen: 31.329 ng
RT: 3.457 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

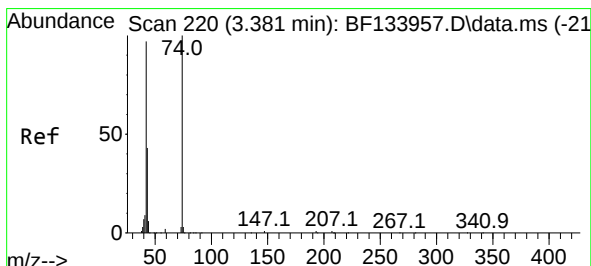
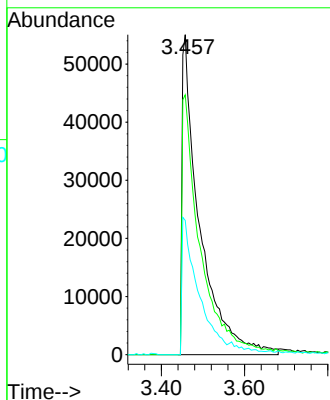
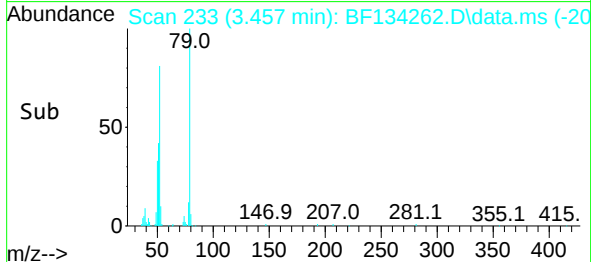
Instrument :
BNA_F
ClientSampleId :
PB153397BS



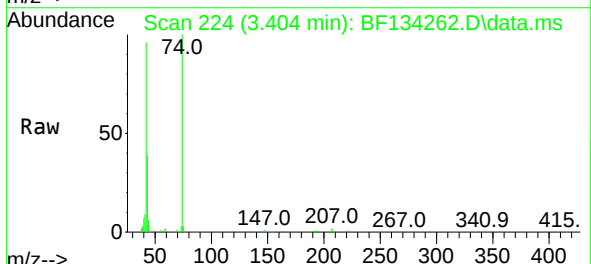
Tgt Ion: 79 Resp: 160838
Ion Ratio Lower Upper
79 100
52 81.2 71.1 106.7
51 42.0 35.2 52.8

Manual Integrations
APPROVED

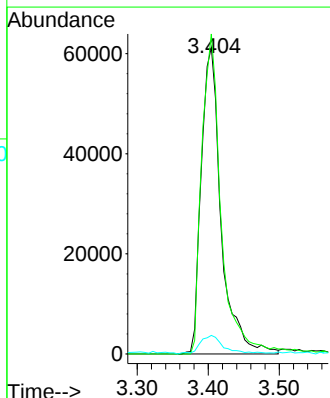
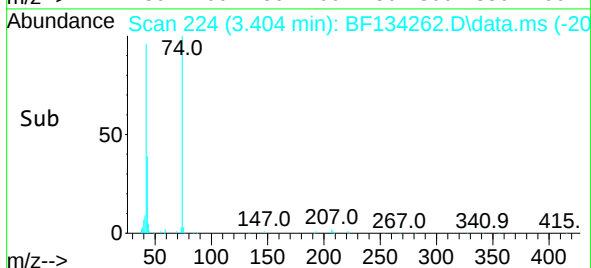
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

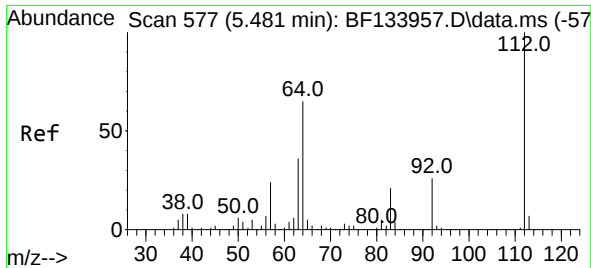


#4
n-Nitrosodimethylamine
Concen: 40.657 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.041 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



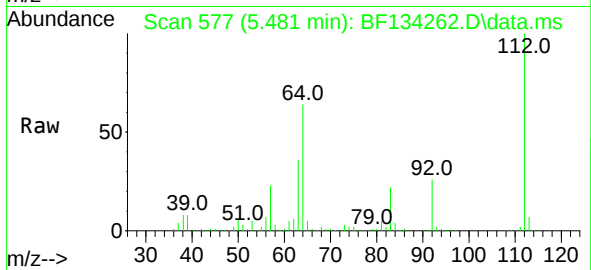
Tgt Ion: 42 Resp: 119209
Ion Ratio Lower Upper
42 100
74 104.4 82.4 123.6
44 6.1 4.9 7.3





#5
2-Fluorophenol
Concen: 116.531 ng
RT: 5.481 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

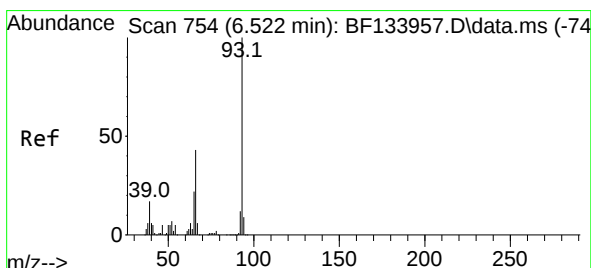
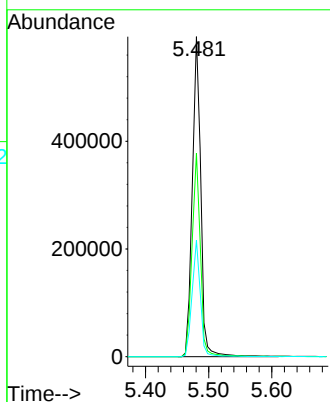
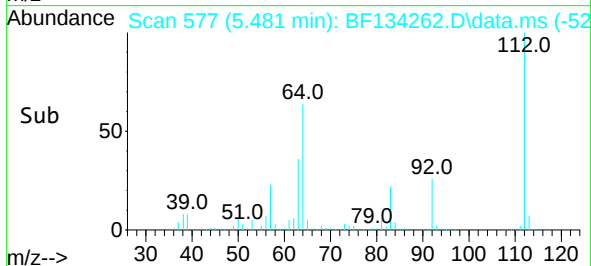
Instrument :
BNA_F
ClientSampleId :
PB153397BS



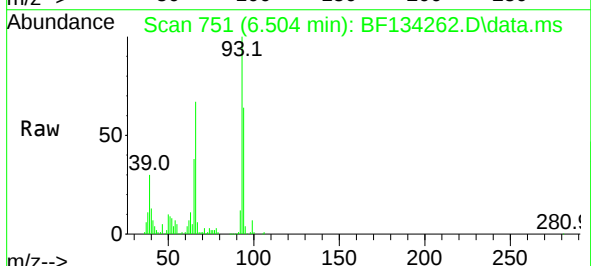
Tgt Ion:112 Resp: 557015
Ion Ratio Lower Upper
112 100
64 63.6 52.1 78.1
63 36.4 28.6 42.8

Manual Integrations
APPROVED

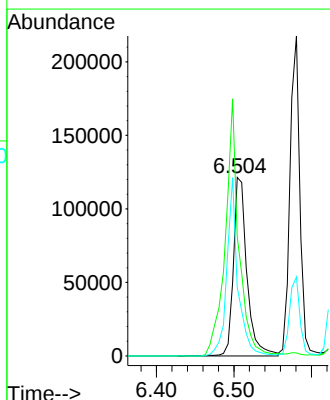
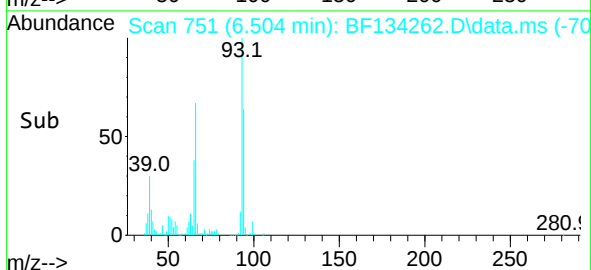
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

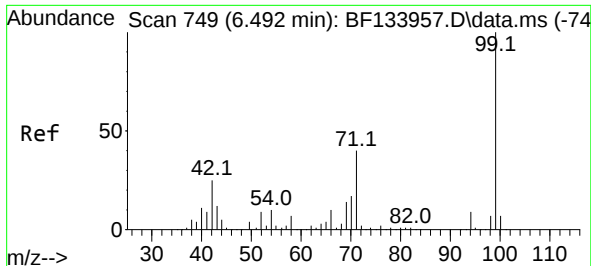


#6
Aniline
Concen: 20.695 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



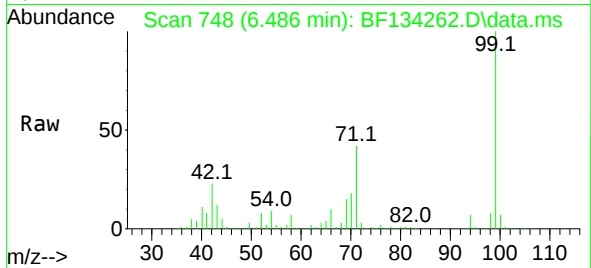
Tgt Ion: 93 Resp: 148039
Ion Ratio Lower Upper
93 100
66 66.8 34.5 51.7#
65 38.4 17.8 26.6#





#7
Phenol-d6
Concen: 111.431 ng
RT: 6.486 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

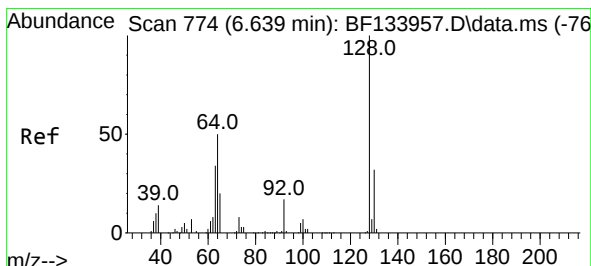
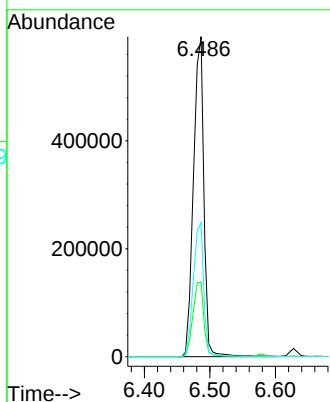
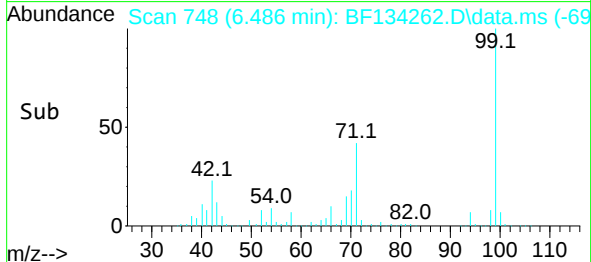
Instrument :
BNA_F
ClientSampleId :
PB153397BS



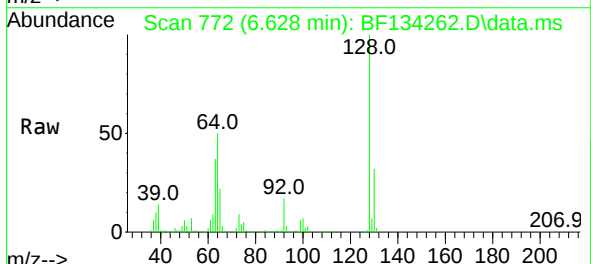
Tgt Ion: 99 Resp: 65504
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 41.9 31.9 47.9

Manual Integrations
APPROVED

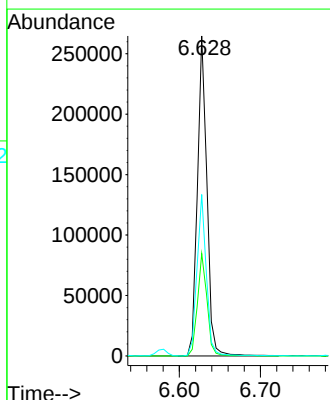
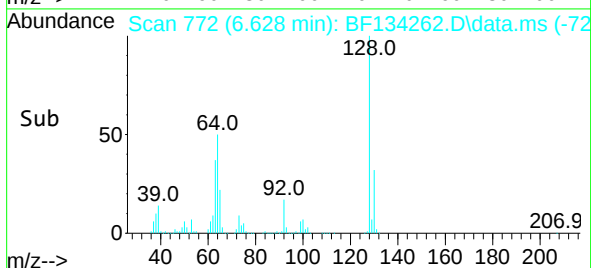
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#8
2-Chlorophenol
Concen: 44.712 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



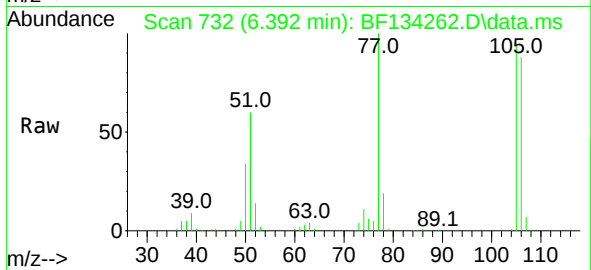
Tgt Ion:128 Resp: 216955
Ion Ratio Lower Upper
128 100
130 32.0 11.7 51.7
64 50.5 31.3 71.3





#9
Benzaldehyde
Concen: 16.270 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

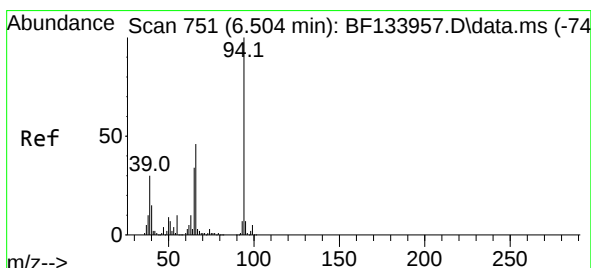
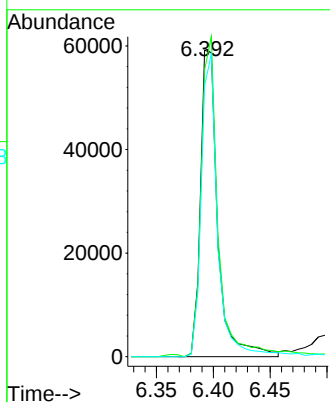
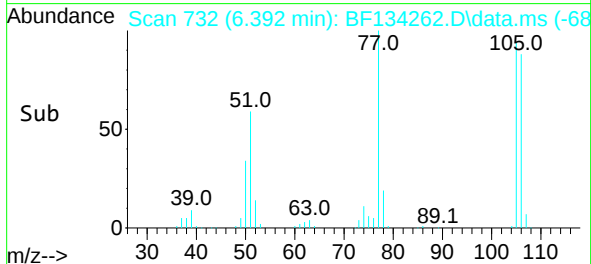
Instrument :
BNA_F
ClientSampleId :
PB153397BS



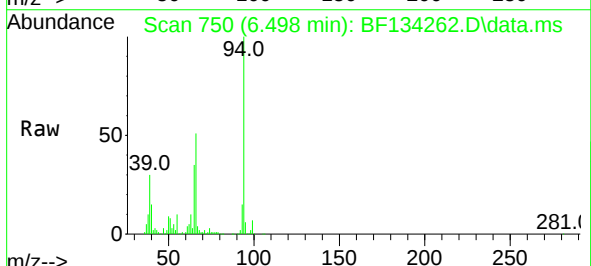
Tgt Ion: 77 Resp: 62300
Ion Ratio Lower Upper
77 100
105 93.6 82.0 122.0
106 88.4 76.9 116.9

Manual Integrations
APPROVED

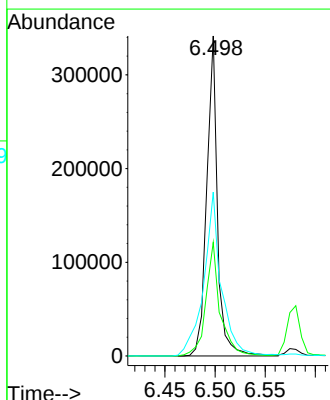
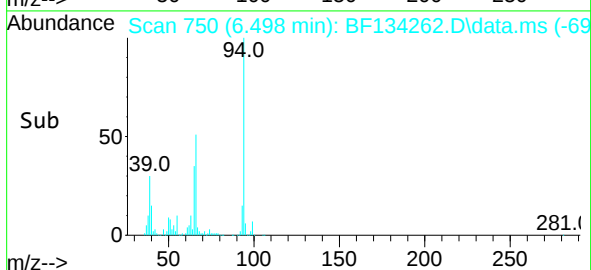
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

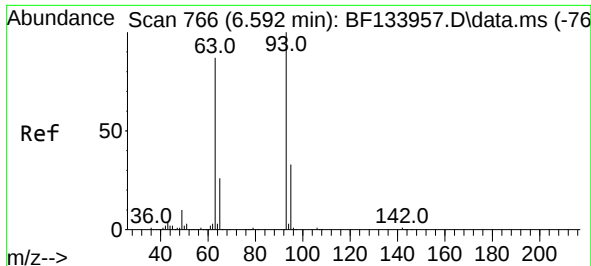


#10
Phenol
Concen: 41.495 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



Tgt Ion: 94 Resp: 256471
Ion Ratio Lower Upper
94 100
65 35.5 14.2 54.2
66 51.2 26.4 66.4





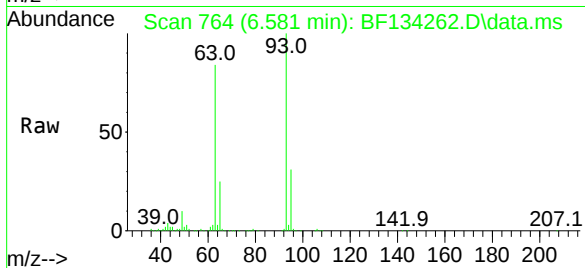
#11
bis(2-Chloroethyl)ether
Concen: 41.216 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

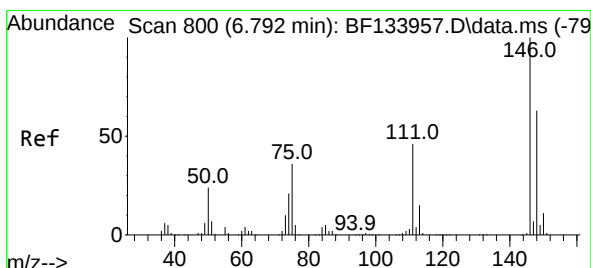
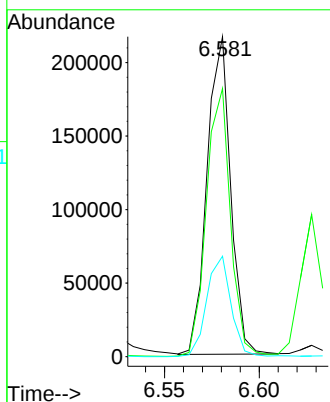
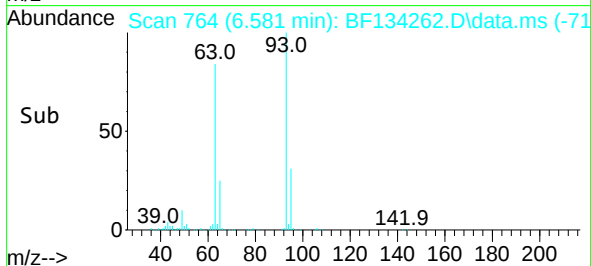
PB153397BS



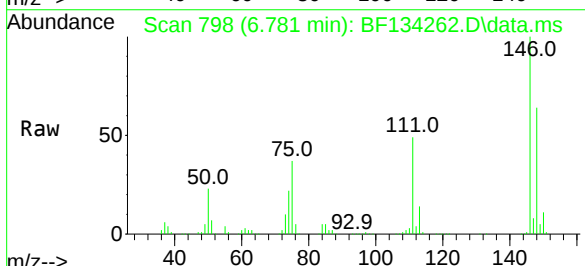
Tgt Ion: 93 Resp: 18754
Ion Ratio Lower Upper
93 100
63 83.8 66.5 106.5
95 31.4 12.9 52.9

Manual Integrations
APPROVED

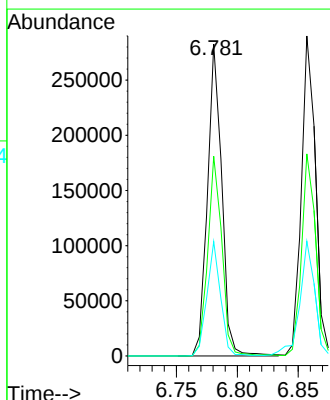
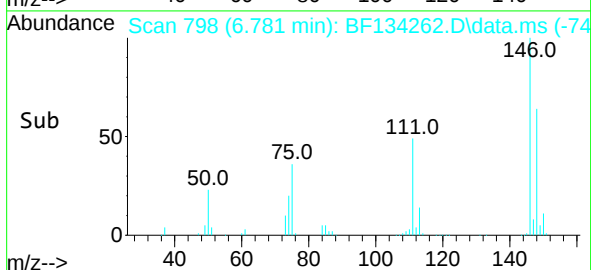
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

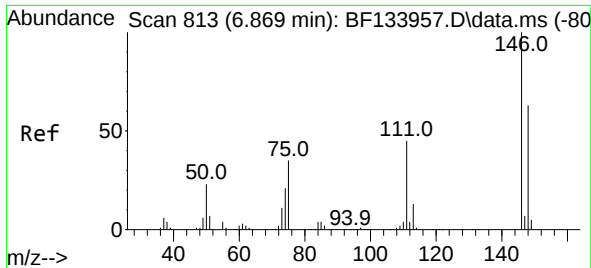


#12
1,3-Dichlorobenzene
Concen: 44.503 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



Tgt Ion:146 Resp: 230218
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
75 36.7 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 45.336 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS

Tgt Ion:146 Resp: 23688

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.2

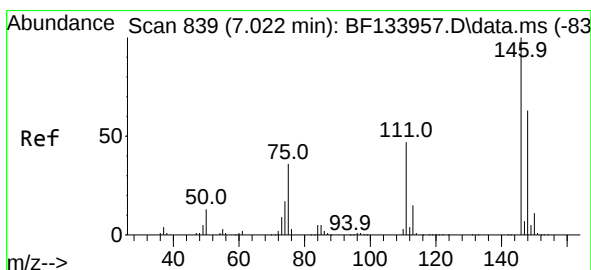
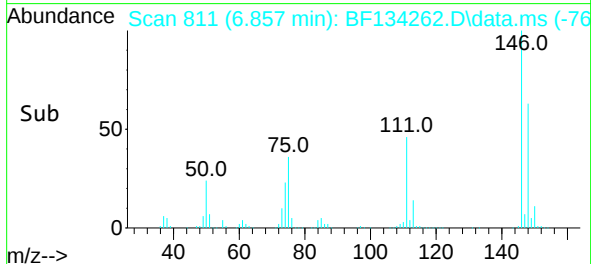
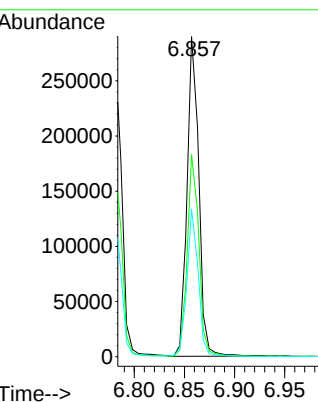
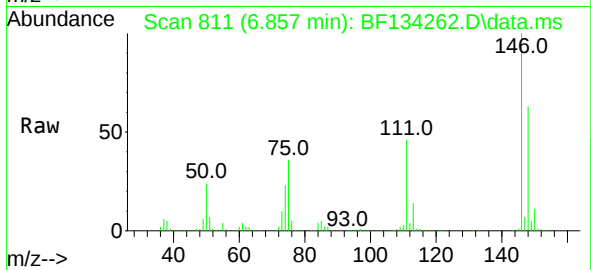
111 46.1 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#14

1,2-Dichlorobenzene

Concen: 45.947 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

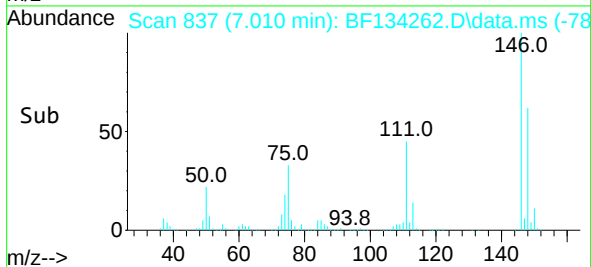
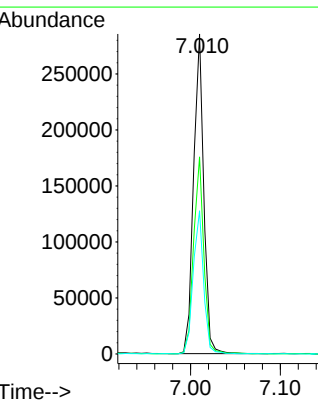
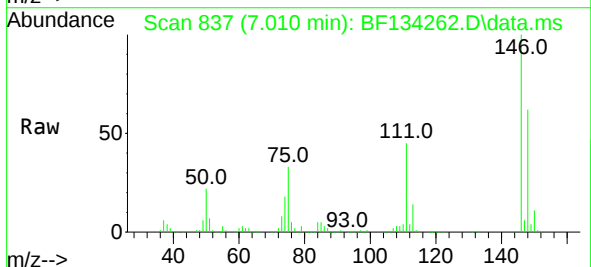
Tgt Ion:146 Resp: 224840

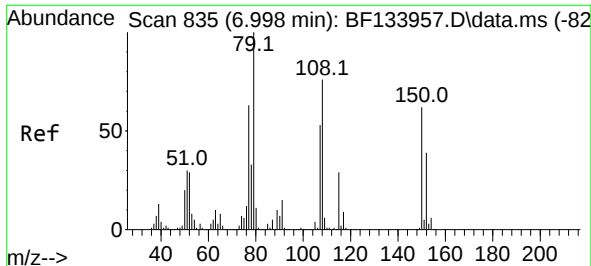
Ion Ratio Lower Upper

146 100

148 61.6 50.6 76.0

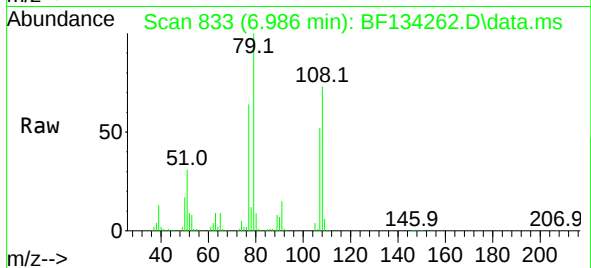
111 44.8 38.0 57.0





#15
Benzyl Alcohol
Concen: 43.252 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

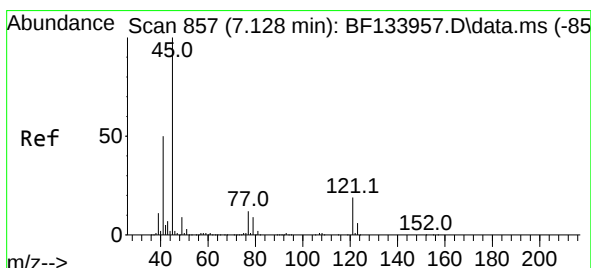
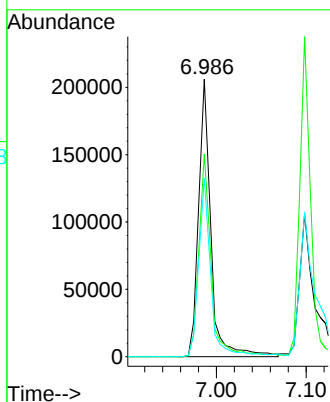
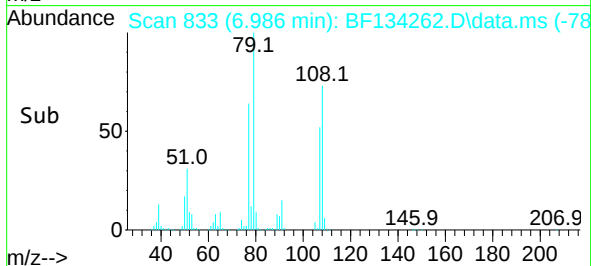
Instrument :
BNA_F
ClientSampleId :
PB153397BS



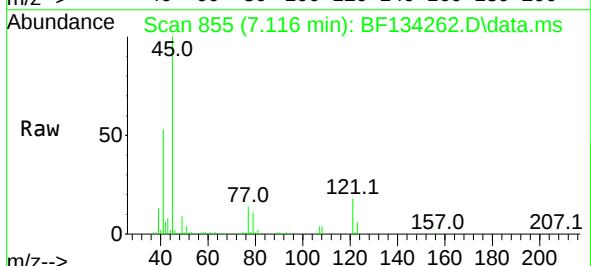
Tgt Ion: 79 Resp: 196000
Ion Ratio Lower Upper
79 100
108 73.0 60.7 91.1
77 64.3 50.6 75.8

Manual Integrations
APPROVED

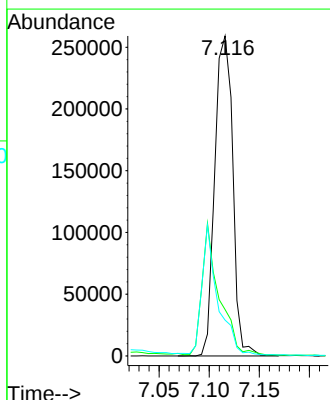
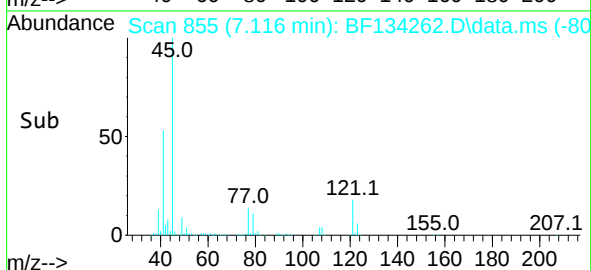
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

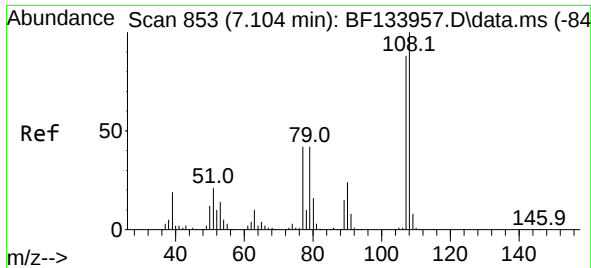


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.030 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



Tgt Ion: 45 Resp: 322246
Ion Ratio Lower Upper
45 100
77 14.5 0.0 32.9
79 11.2 0.0 29.5





#17
2-Methylphenol
Concen: 41.294 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

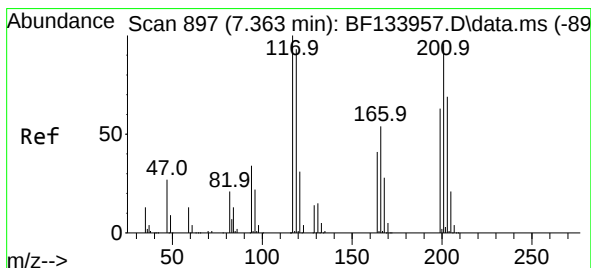
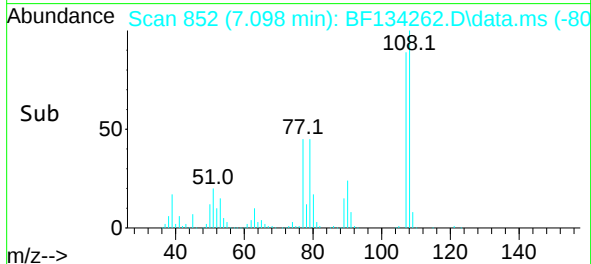
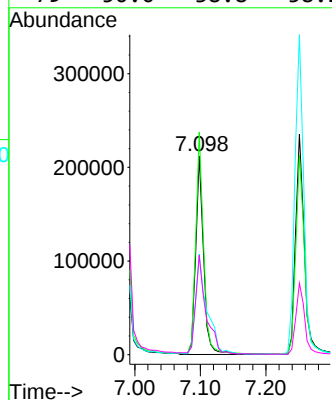
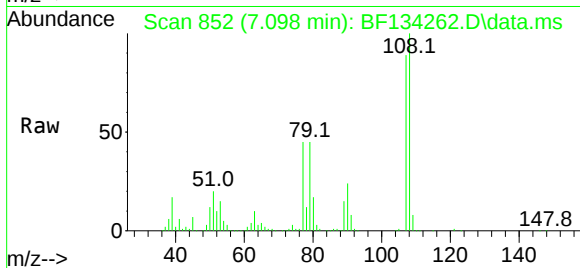
PB153397BS

Tgt Ion:107 Resp: 179420
Ion Ratio Lower Upper
107 100
108 112.0 90.6 136.0
77 50.7 38.3 57.5
79 50.0 38.8 58.2

Manual Integrations

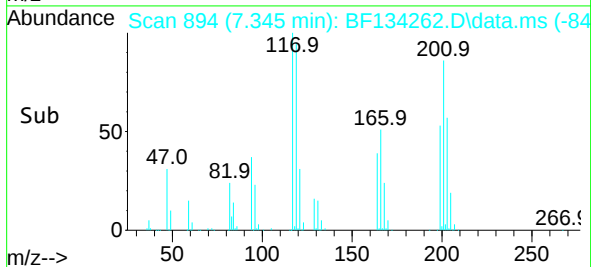
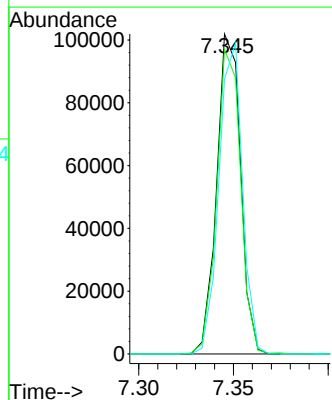
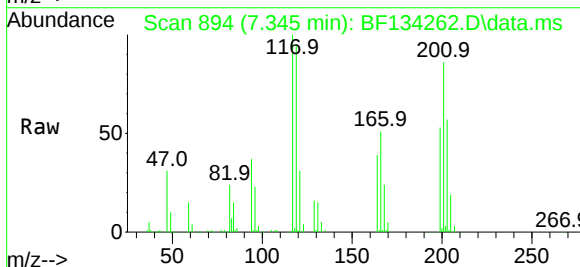
APPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#18
Hexachloroethane
Concen: 46.118 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Tgt Ion:117 Resp: 89348
Ion Ratio Lower Upper
117 100
119 95.2 74.2 111.4
201 85.9 77.2 115.8





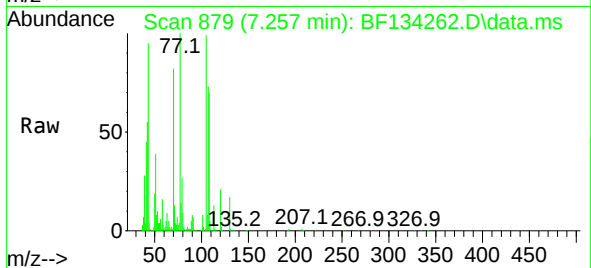
#19
n-Nitroso-di-n-propylamine
Concen: 41.140 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

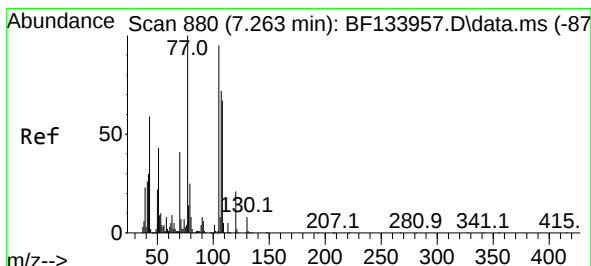
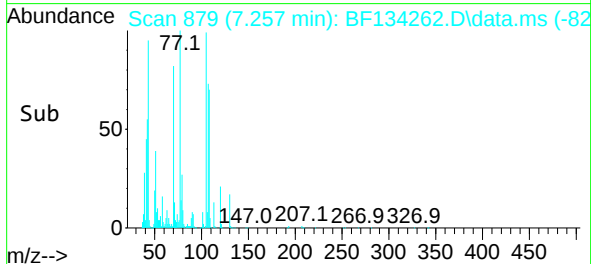
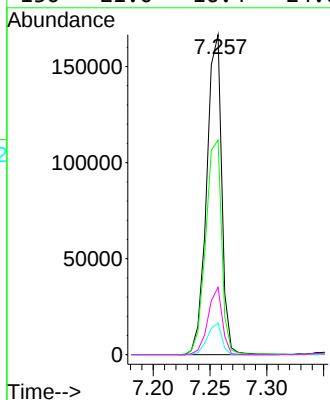
PB153397BS



Tgt Ion: 70 Resp: 153368
Ion Ratio Lower Upper
70 100
42 67.0 54.7 82.1
101 9.9 7.7 11.5
130 21.0 16.4 24.6

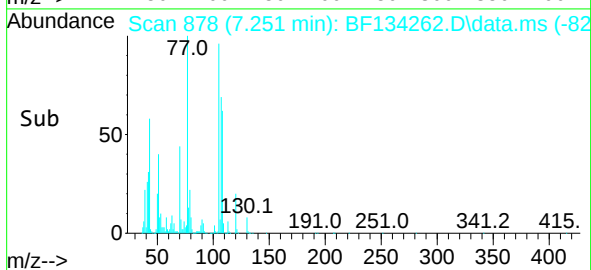
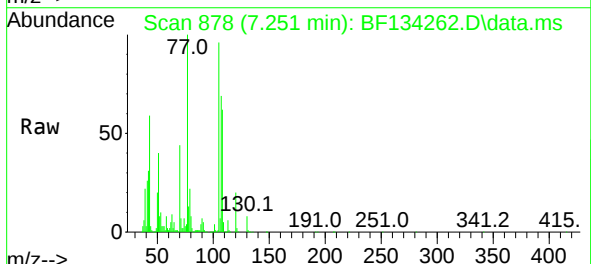
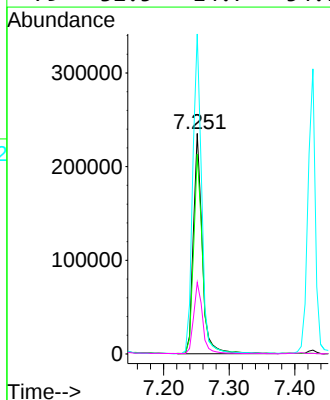
Manual Integrations
APPROVED

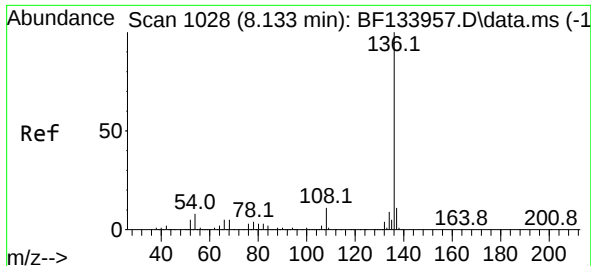
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#20
3+4-Methylphenols
Concen: 42.054 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Tgt Ion:107 Resp: 221681
Ion Ratio Lower Upper
107 100
108 90.6 73.2 113.2
77 145.1 118.3 158.3
79 32.5 14.7 54.7





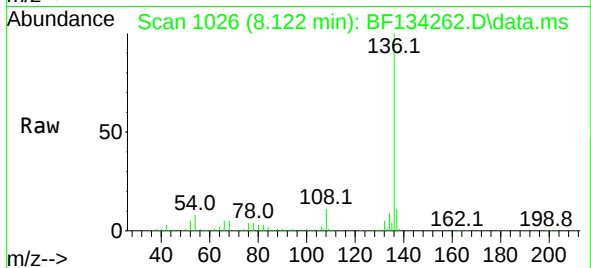
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS

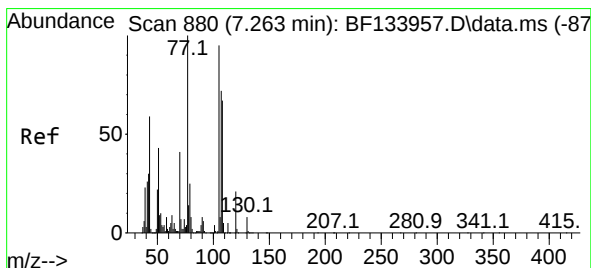
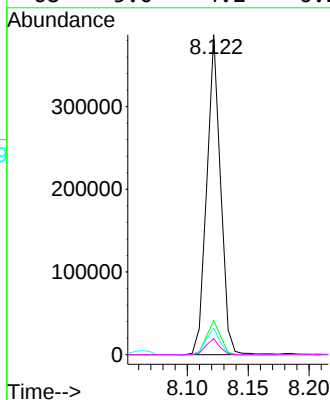
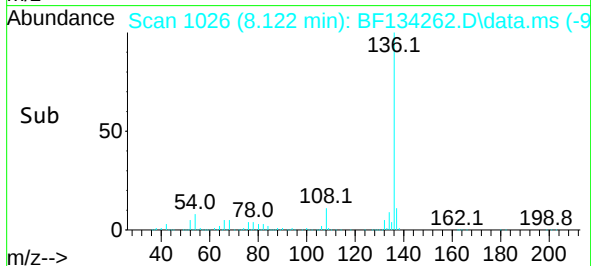


Tgt Ion:136 Resp: 30374
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.3 6.5 9.7
68 5.0 4.2 6.2

Manual Integrations

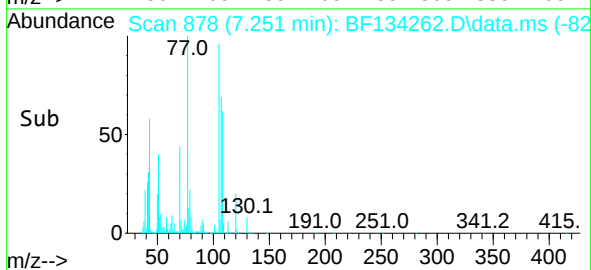
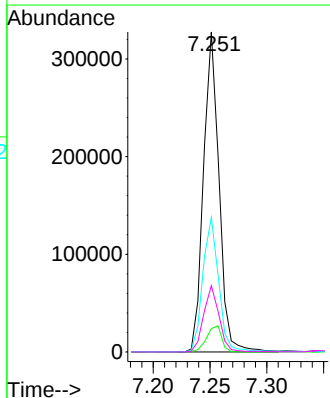
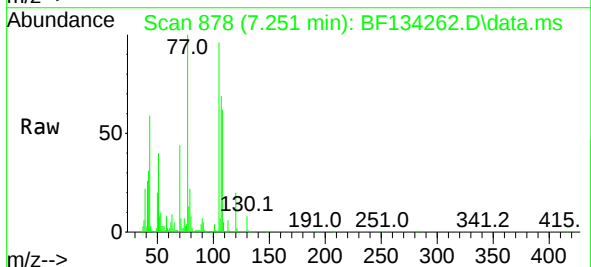
APPROVED

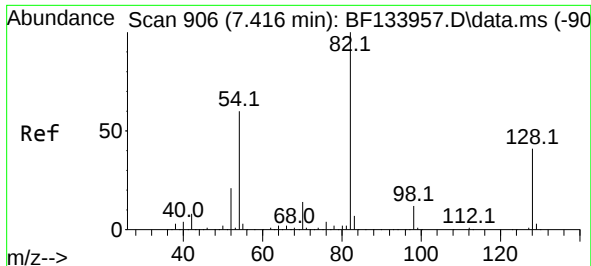
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#22
Acetophenone
Concen: 44.973 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Tgt Ion:105 Resp: 310665
Ion Ratio Lower Upper
105 100
71 7.3 5.5 8.3
51 42.0 36.5 54.7
120 20.7 17.3 25.9





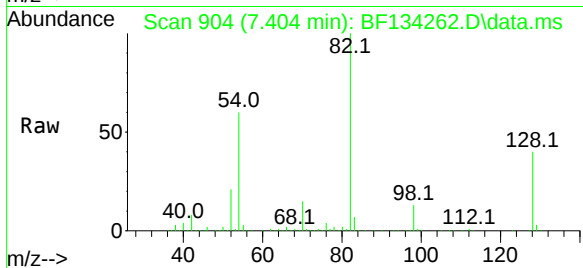
#23
Nitrobenzene-d5
Concen: 79.689 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS



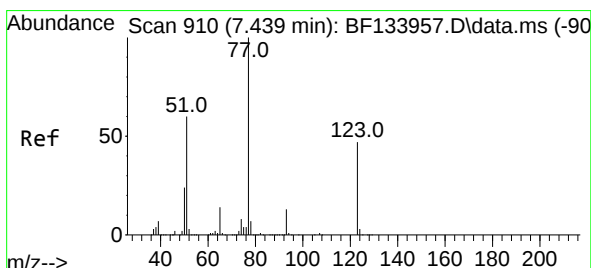
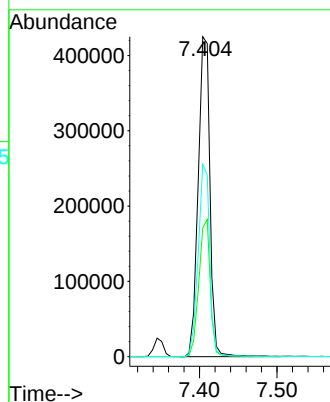
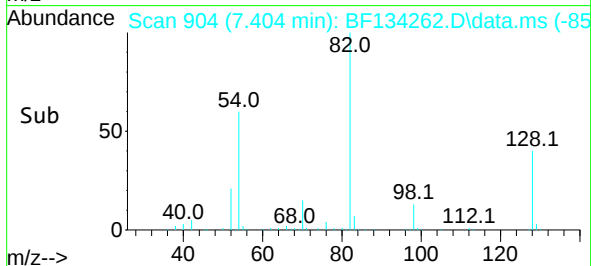
Tgt Ion: 82 Resp: 449021
Ion Ratio Lower Upper
82 100
128 40.2 32.5 48.7
54 60.1 48.2 72.2

Manual Integrations

APPROVED

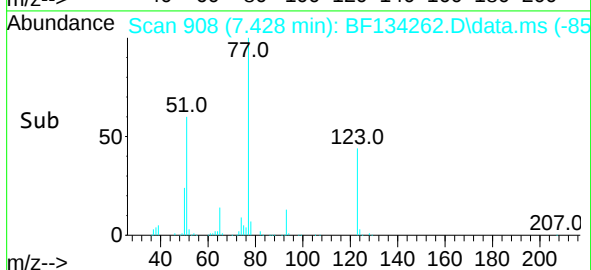
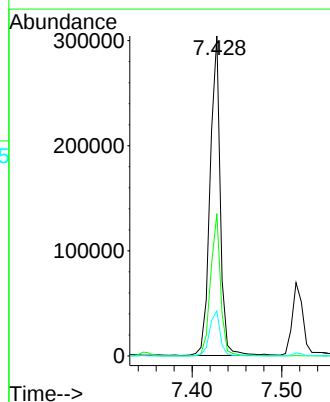
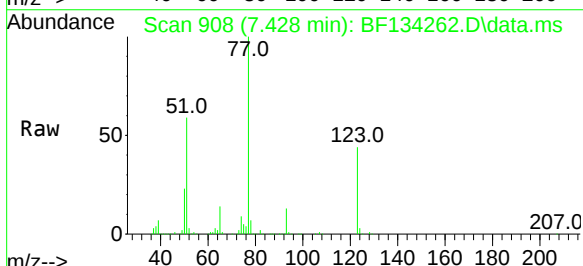
Reviewed By :Yogesh Patel 07/14/2023

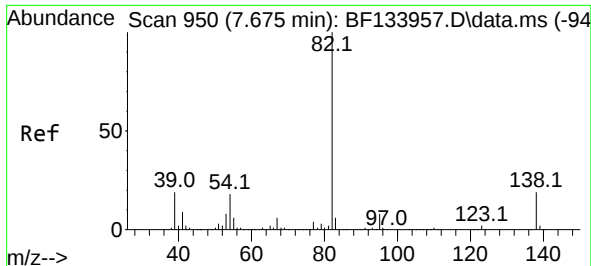
Supervised By :mohammad ahmed 07/14/2023



#24
Nitrobenzene
Concen: 41.955 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Tgt Ion: 77 Resp: 238894
Ion Ratio Lower Upper
77 100
123 44.4 37.8 56.6
65 14.1 11.3 16.9





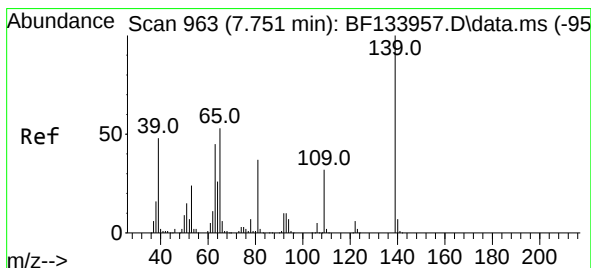
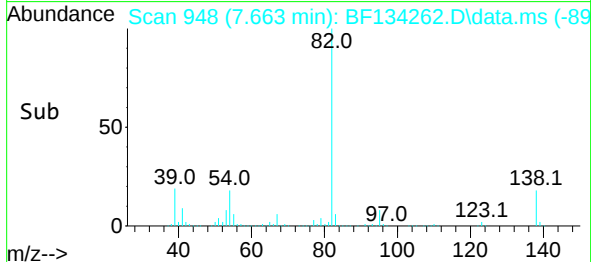
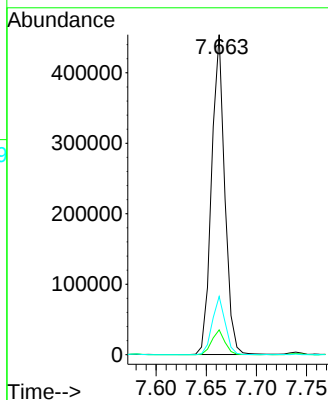
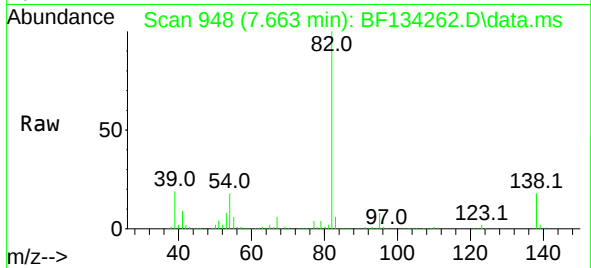
#25
Isophorone
Concen: 40.598 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :
BNA_F
ClientSampleId :
PB153397BS

Tgt Ion: 82 Resp: 415750
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 18.2 15.2 22.8

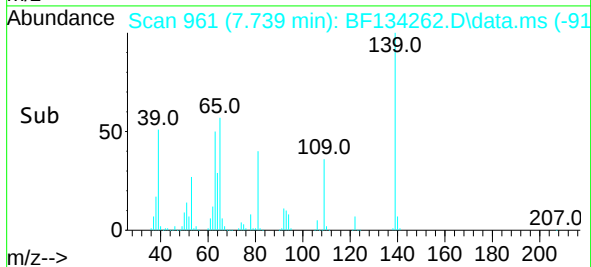
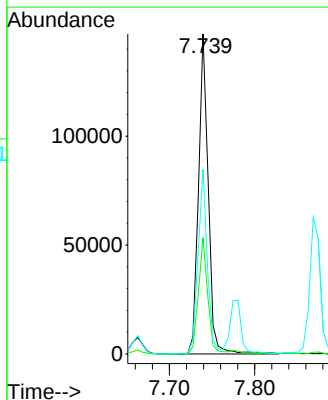
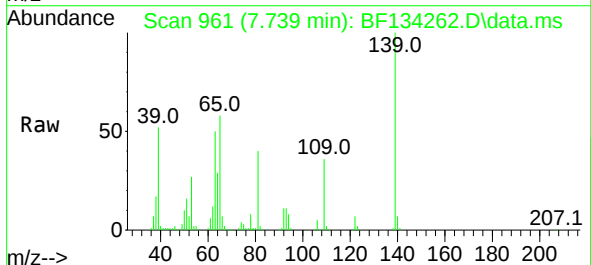
Manual Integrations
APPROVED

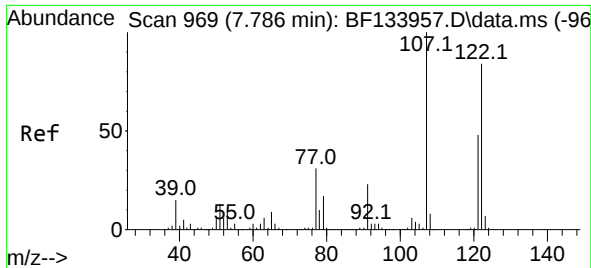
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#26
2-Nitrophenol
Concen: 43.038 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Tgt Ion:139 Resp: 117560
Ion Ratio Lower Upper
139 100
109 36.3 25.8 38.8
65 57.7 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 43.441 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

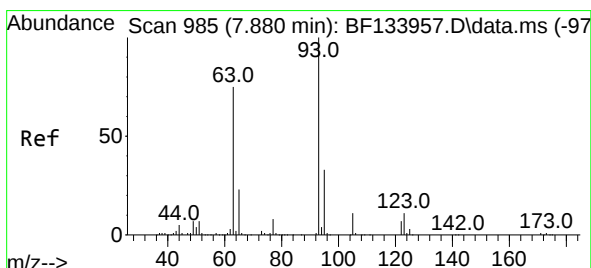
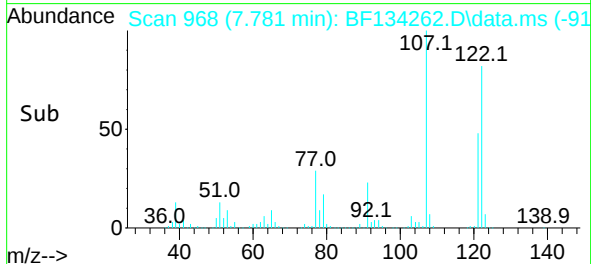
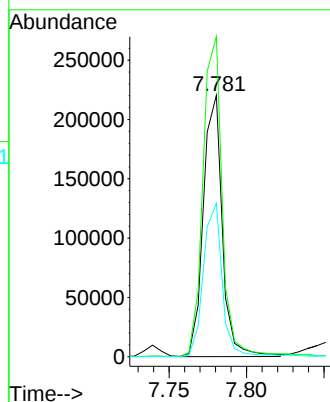
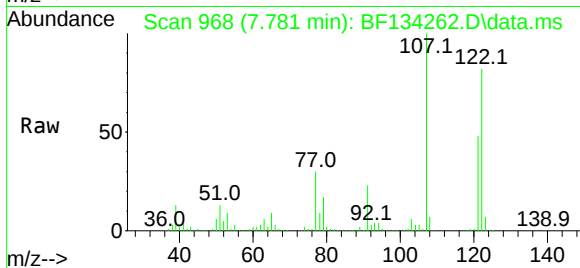
ClientSampleId :

PB153397BS

Tgt Ion:122 Resp: 18783
Ion Ratio Lower Upper
122 100
107 122.5 95.5 143.3
121 58.7 45.5 68.3

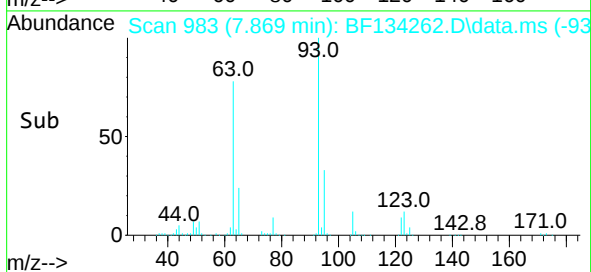
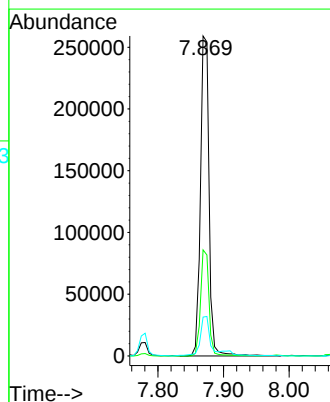
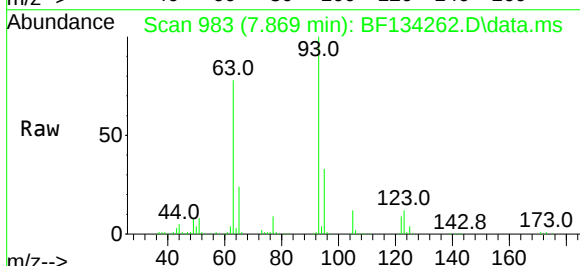
Manual Integrations
APPROVED

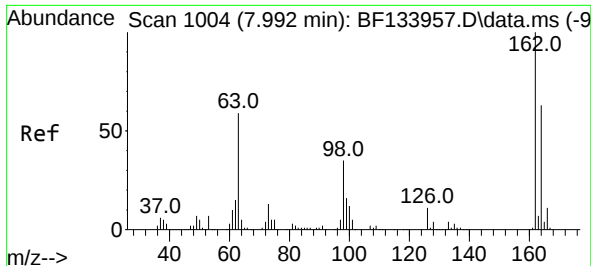
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.095 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Tgt Ion: 93 Resp: 237752
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 12.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.256 ng

RT: 7.980 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF134262.D

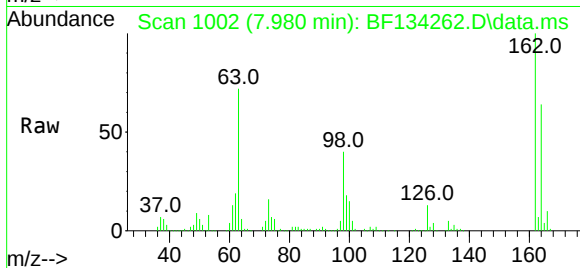
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS



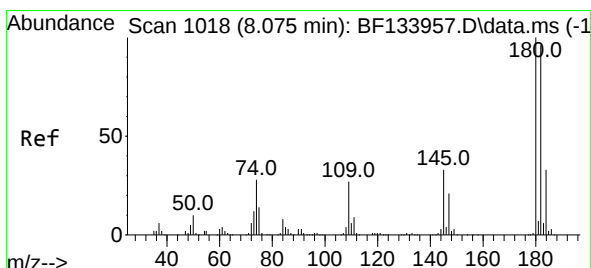
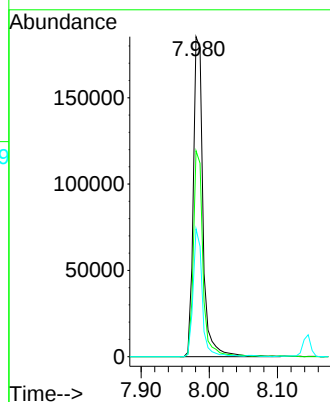
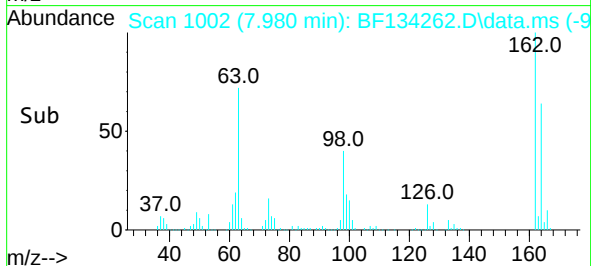
Tgt Ion:	162	Resp:	18117
Ion Ratio	Lower	Upper	
162	100		
164	64.4	43.2	83.2
98	40.0	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.105 ng

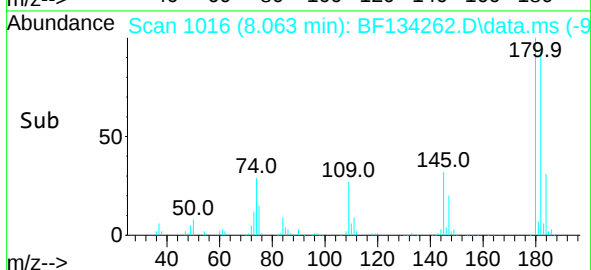
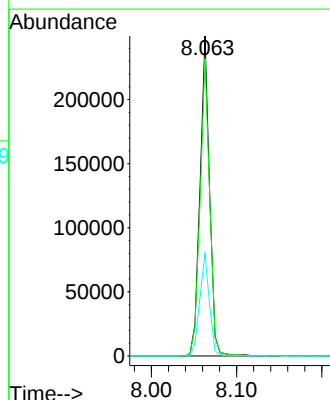
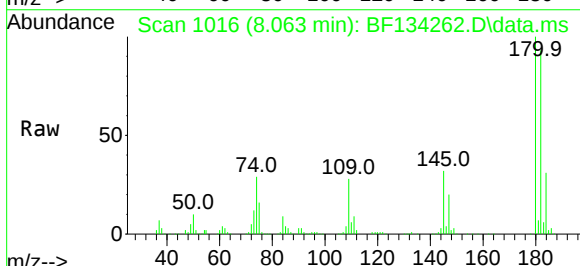
RT: 8.063 min Scan# 1016

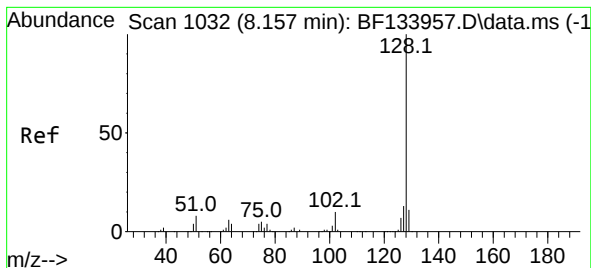
Delta R.T. -0.006 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

Tgt Ion:	180	Resp:	195124
Ion Ratio	Lower	Upper	
180	100		
182	92.9	77.1	115.7
145	32.1	26.0	39.0





#31

Naphthalene

Concen: 41.792 ng

RT: 8.145 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS

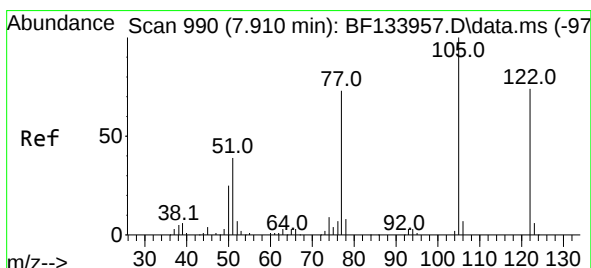
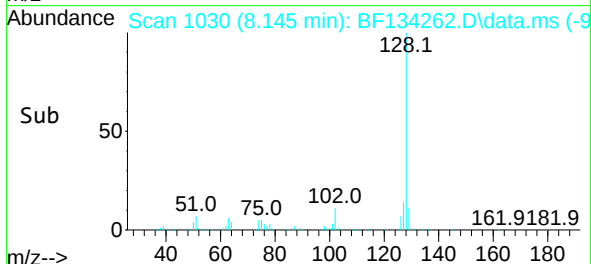
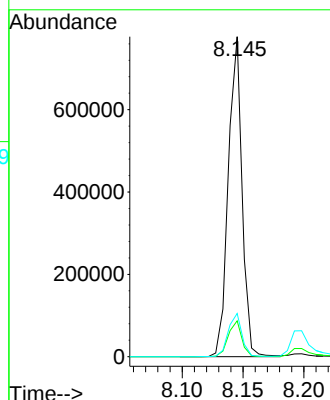
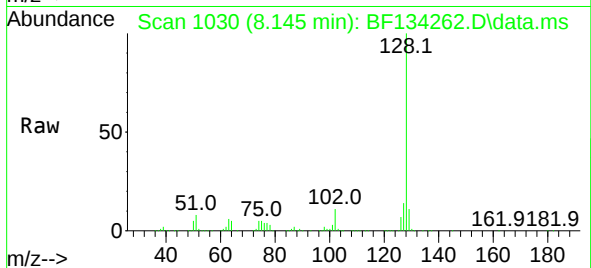
Tgt Ion:128 Resp: 613164
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.7 13.1
 127 13.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#32

Benzoic acid

Concen: 43.975 ng

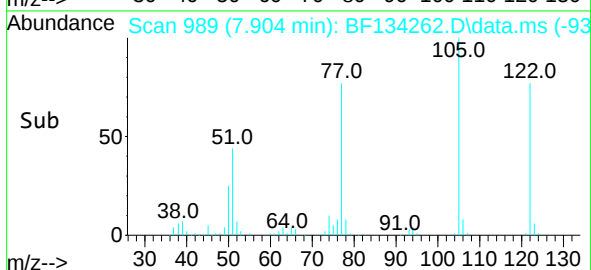
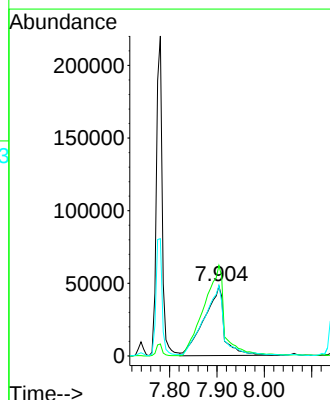
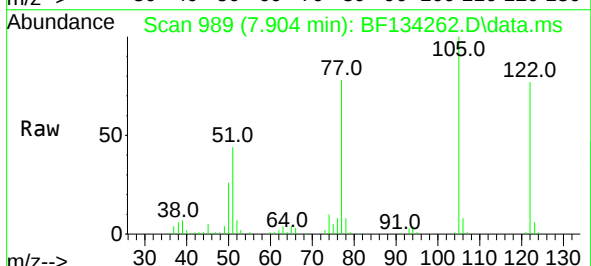
RT: 7.904 min Scan# 989

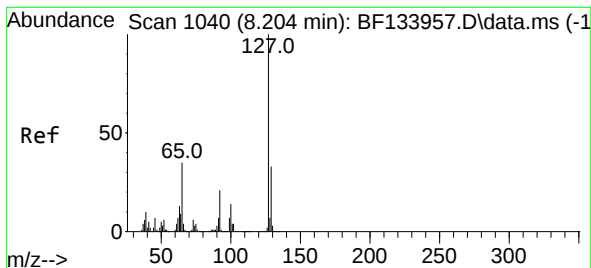
Delta R.T. 0.012 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

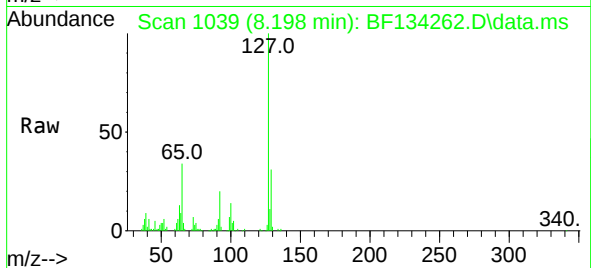
Tgt Ion:122 Resp: 142477
 Ion Ratio Lower Upper
 122 100
 105 129.7 109.7 149.7
 77 101.2 76.0 116.0





#33
4-Chloroaniline
Concen: 12.594 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

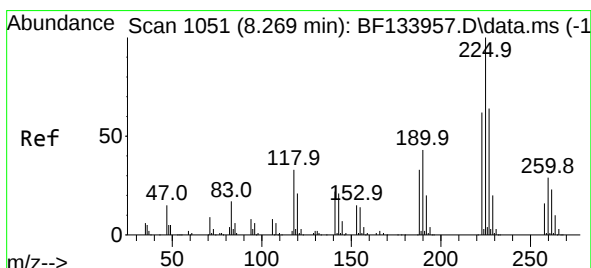
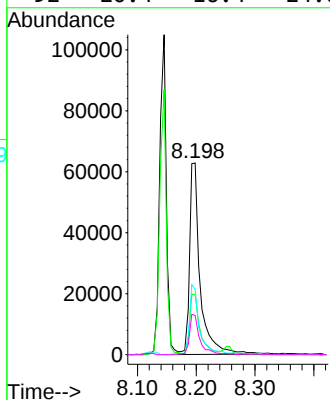
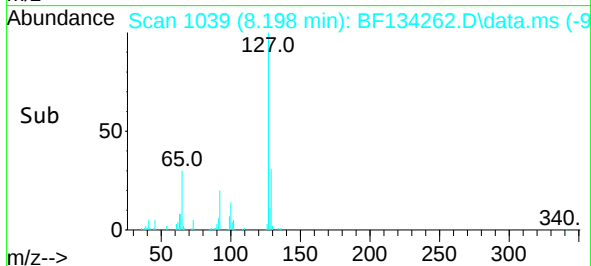
Instrument :
BNA_F
ClientSampleId :
PB153397BS



Tgt Ion:127 Resp: 7904
Ion Ratio Lower Upper
127 100
129 31.4 26.4 39.6
65 34.2 27.8 41.8
92 20.4 16.4 24.6

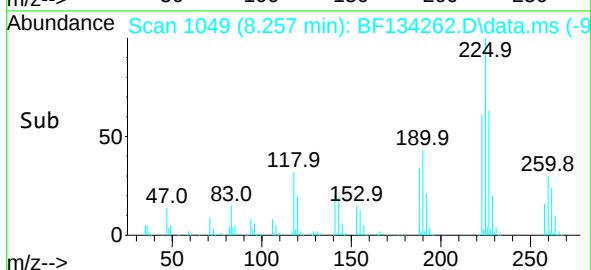
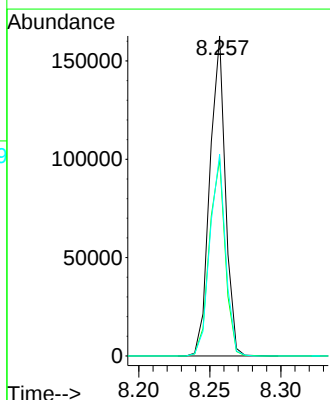
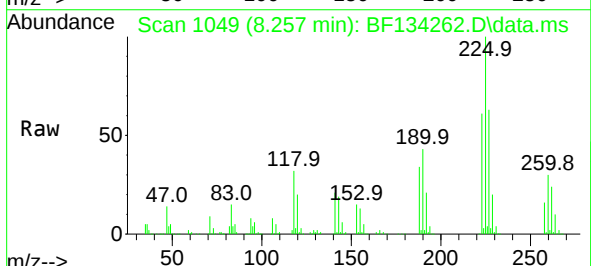
Manual Integrations
APPROVED

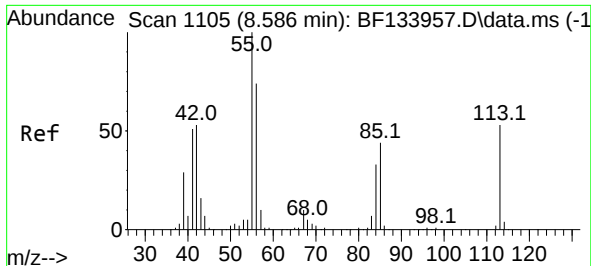
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#34
Hexachlorobutadiene
Concen: 44.361 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

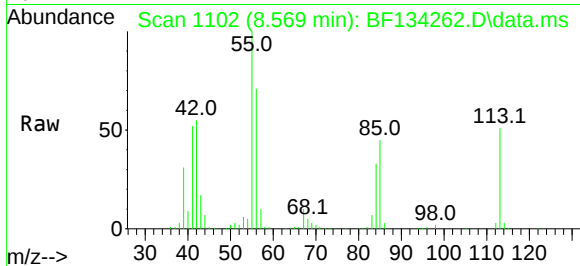
Tgt Ion:225 Resp: 123798
Ion Ratio Lower Upper
225 100
223 61.5 49.8 74.8
227 63.0 51.0 76.4





#35
 Caprolactam
 Concen: 42.860 ng m
 RT: 8.569 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF134262.D
 Acq: 13 Jul 2023 15:10

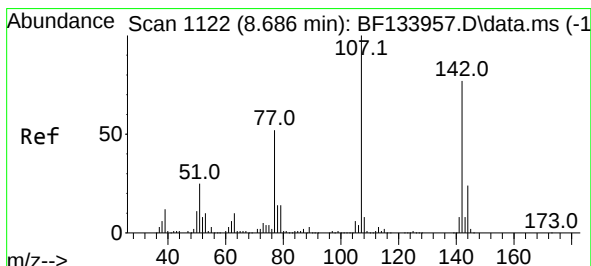
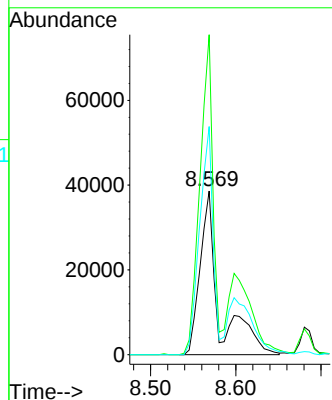
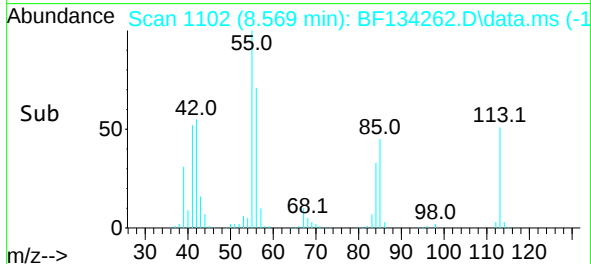
Instrument :
 BNA_F
 ClientSampleId :
 PB153397BS



Tgt Ion:113 Resp: 6050
 Ion Ratio Lower Upper
 113 100
 55 195.4 170.2 210.2
 56 139.4 121.4 161.4

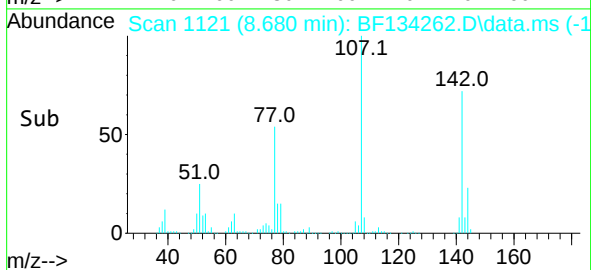
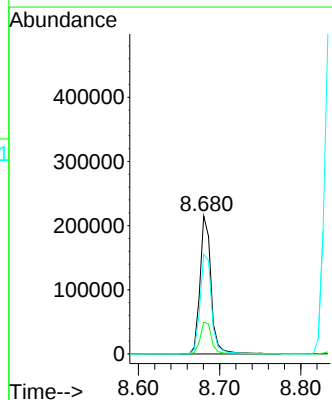
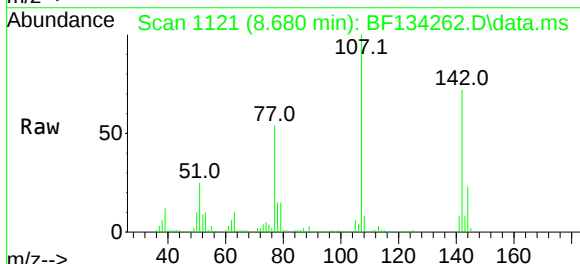
Manual Integrations
 APPROVED

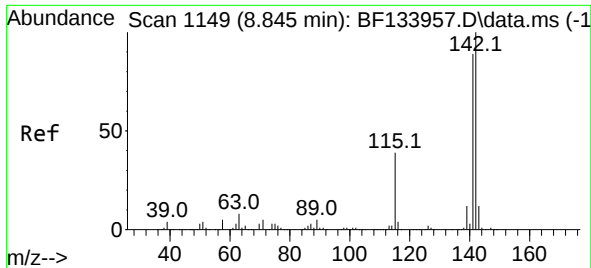
Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



#36
 4-Chloro-3-methylphenol
 Concen: 42.591 ng
 RT: 8.680 min Scan# 1121
 Delta R.T. -0.000 min
 Lab File: BF134262.D
 Acq: 13 Jul 2023 15:10

Tgt Ion:107 Resp: 205144
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.6 29.4
 142 72.0 61.4 92.2





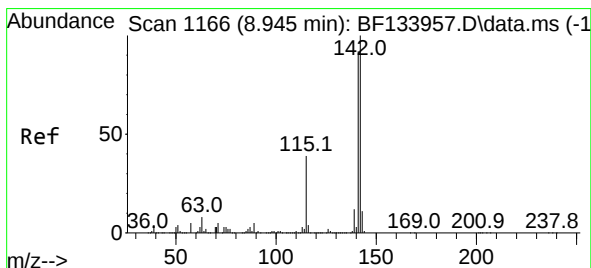
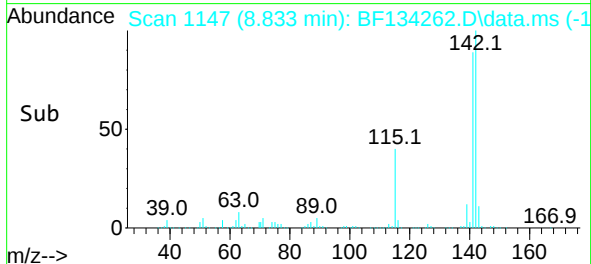
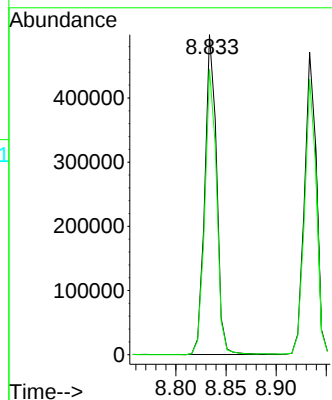
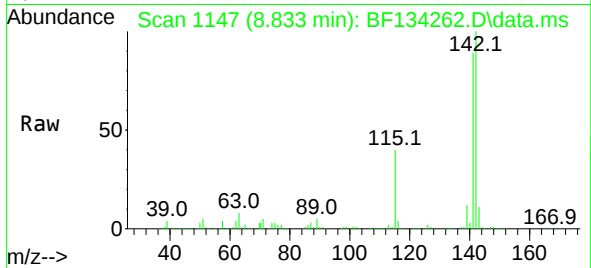
#37
2-Methylnaphthalene
Concen: 39.410 ng
RT: 8.833 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :
BNA_F
ClientSampleId :
PB153397BS

Tgt Ion:142 Resp: 40889
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.4

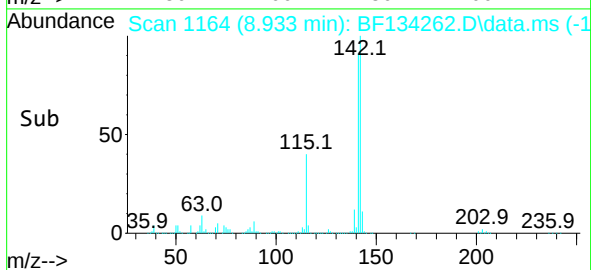
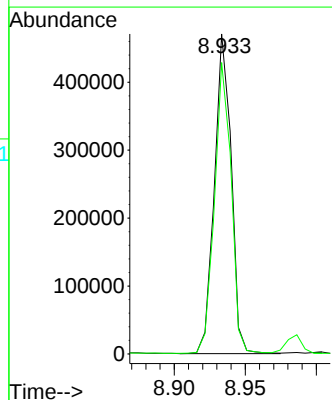
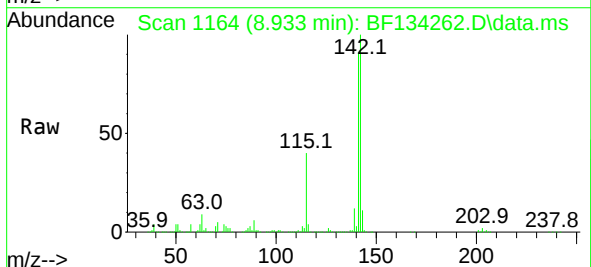
Manual Integrations
APPROVED

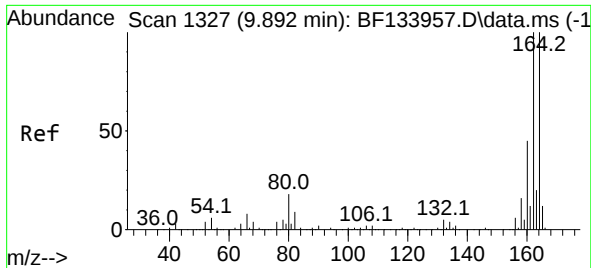
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#38
1-Methylnaphthalene
Concen: 40.027 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

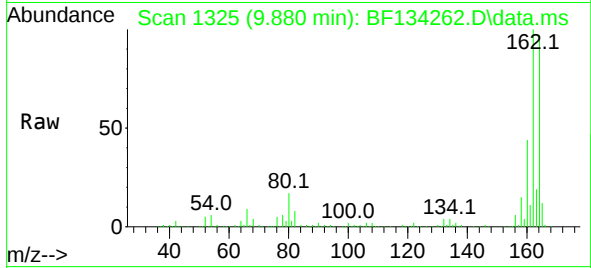
Tgt Ion:142 Resp: 386075
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

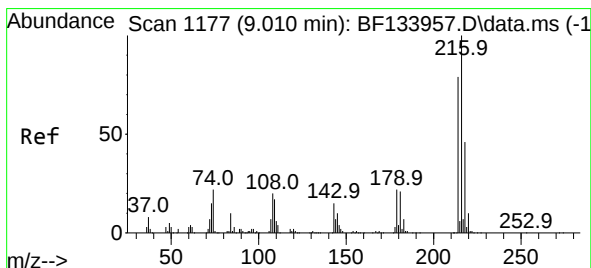
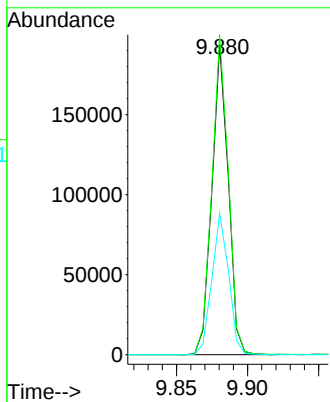
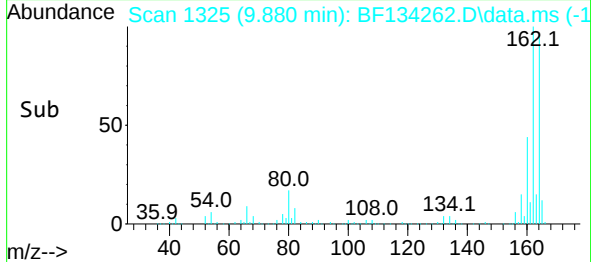
Instrument :
BNA_F
ClientSampleId :
PB153397BS



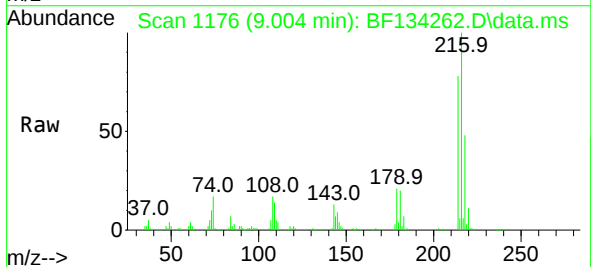
Tgt Ion:164 Resp: 154715
Ion Ratio Lower Upper
164 100
162 103.3 80.0 120.0
160 45.6 35.9 53.9

Manual Integrations
APPROVED

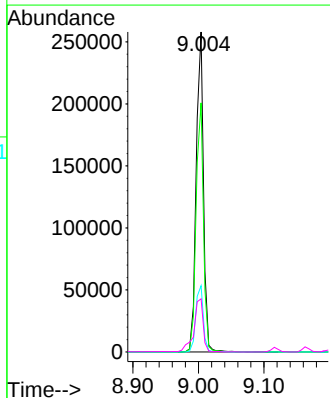
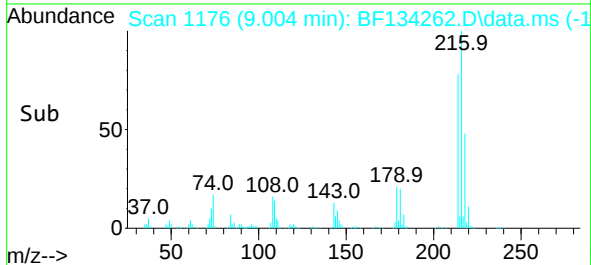
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.459 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



Tgt Ion:216 Resp: 199204
Ion Ratio Lower Upper
216 100
214 78.9 64.1 96.1
179 21.6 17.3 25.9
108 21.7 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 77.451 ng
RT: 8.986 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

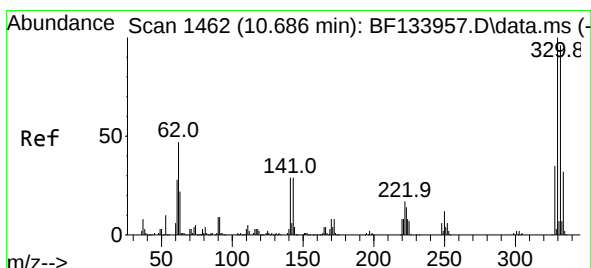
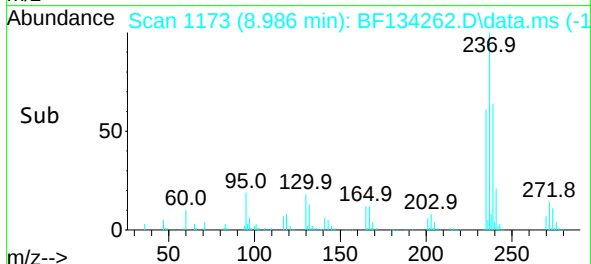
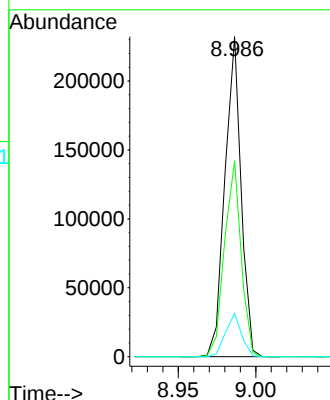
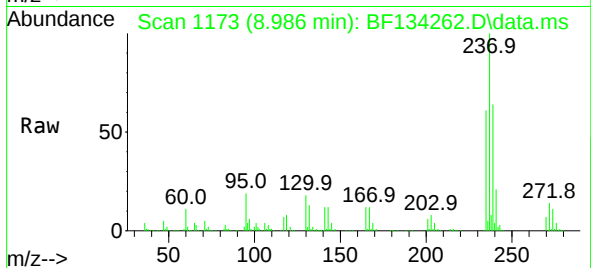
PB153397BS

Tgt Ion:237 Resp: 168424
Ion Ratio Lower Upper
237 100
235 61.2 42.8 82.8
272 13.5 0.0 34.6

Manual Integrations

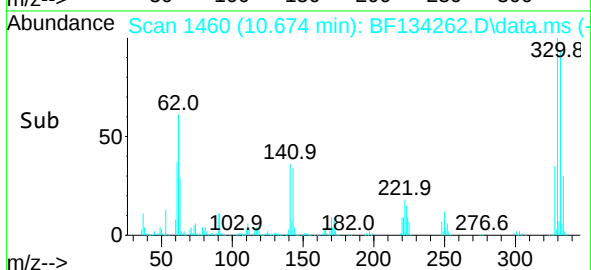
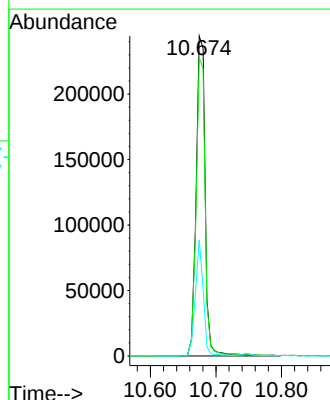
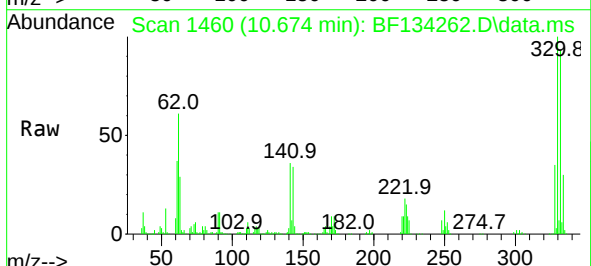
APPROVED

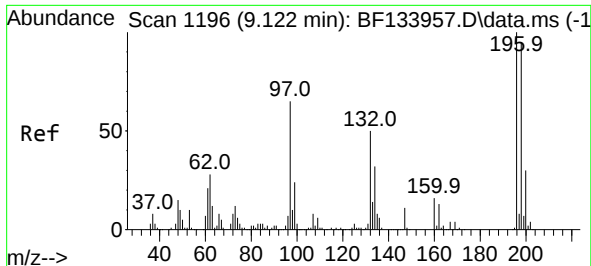
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#42
2,4,6-Tribromophenol
Concen: 120.652 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Tgt Ion:330 Resp: 234043
Ion Ratio Lower Upper
330 100
332 92.8 77.0 115.6
141 32.1 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 41.988 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134262.D

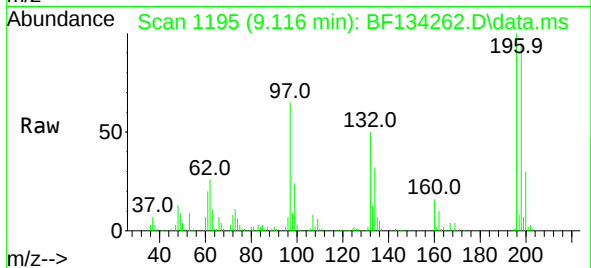
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS



Tgt Ion:196 Resp: 131010

Ion Ratio Lower Upper

196 100

198 95.5 75.6 113.4

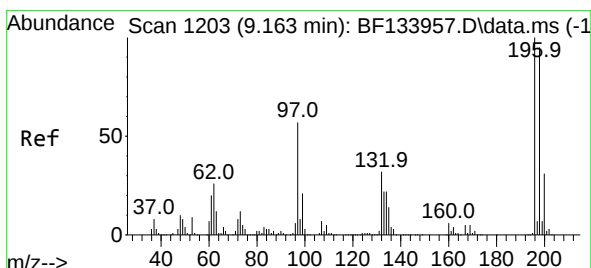
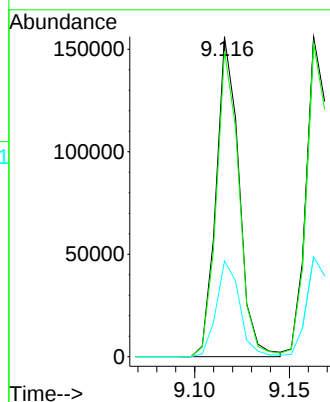
200 29.9 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#44

2,4,5-Trichlorophenol

Concen: 37.264 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

Tgt Ion:196 Resp: 136770

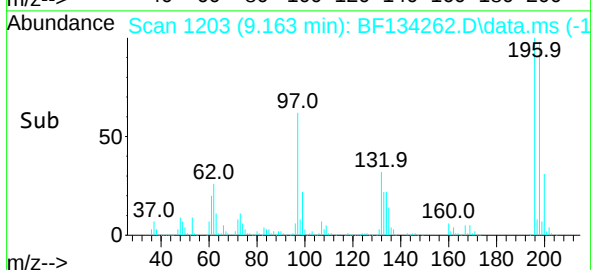
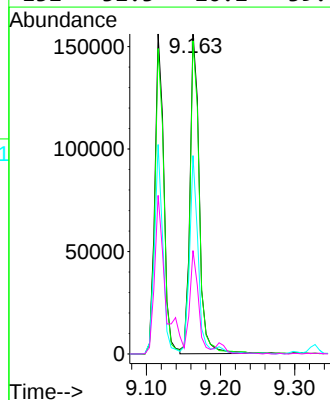
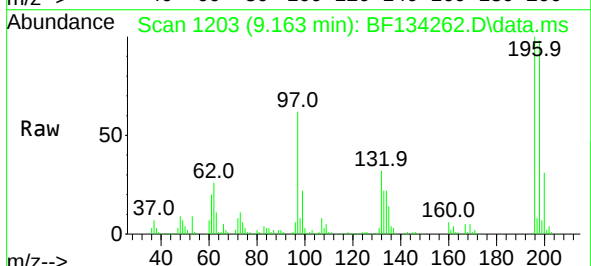
Ion Ratio Lower Upper

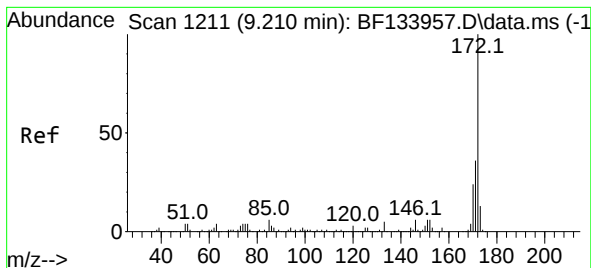
196 100

198 97.9 75.7 113.5

97 62.0 45.8 68.6

132 32.3 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 80.367 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

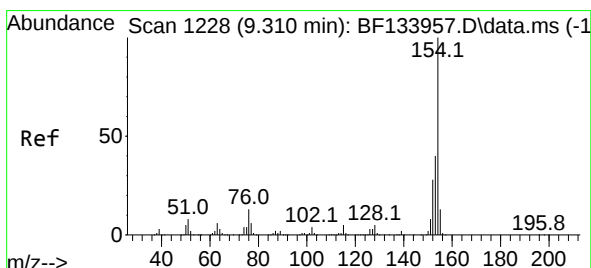
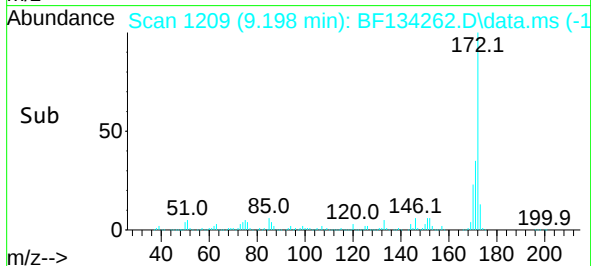
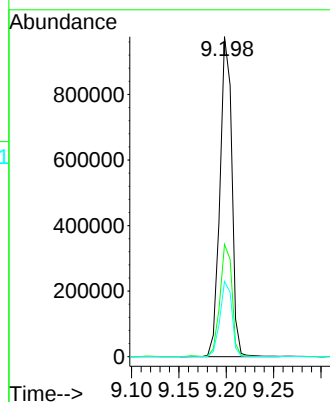
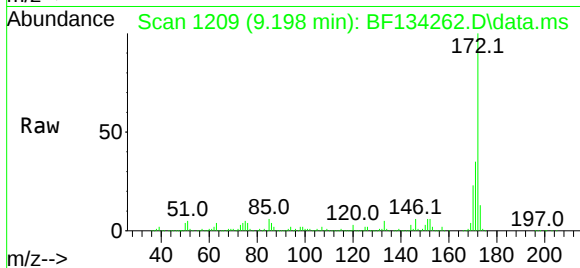
PB153397BS

Tgt Ion:172	Resp: 855220
Ion Ratio	Lower Upper
172	100
171	35.1 28.6 43.0
170	23.5 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#46

1,1'-Biphenyl

Concen: 42.287 ng

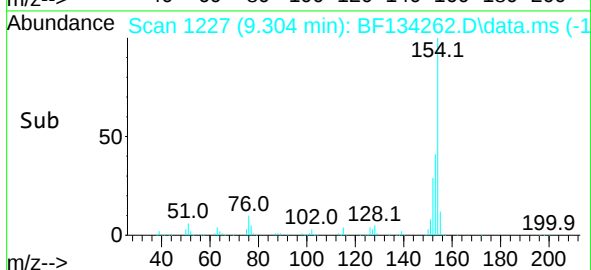
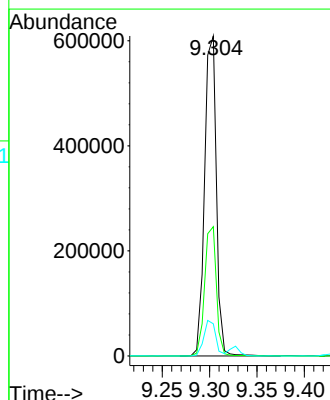
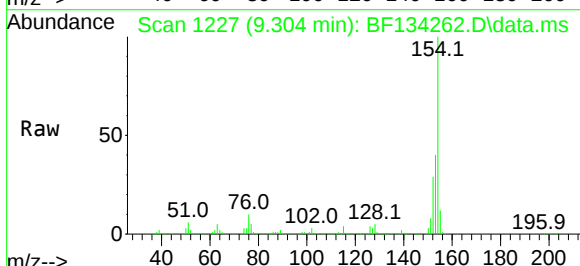
RT: 9.304 min Scan# 1227

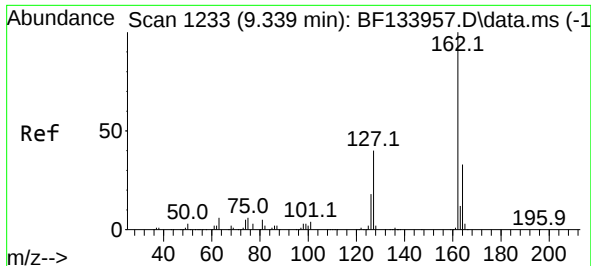
Delta R.T. -0.000 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

Tgt Ion:154	Resp: 524810
Ion Ratio	Lower Upper
154	100
153	40.4 19.8 59.8
76	10.1 0.0 32.9





#47

2-Chloronaphthalene

Concen: 42.143 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF134262.D

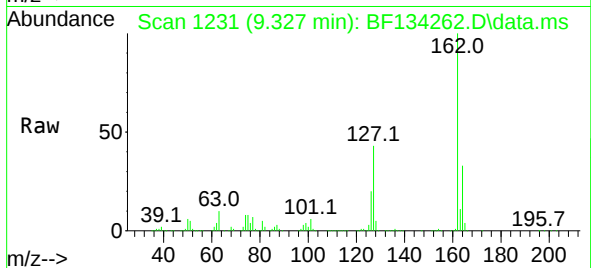
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS



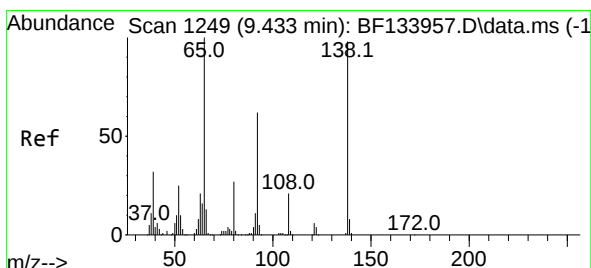
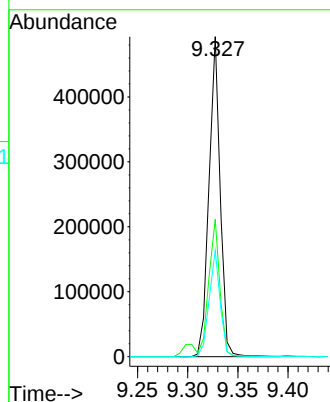
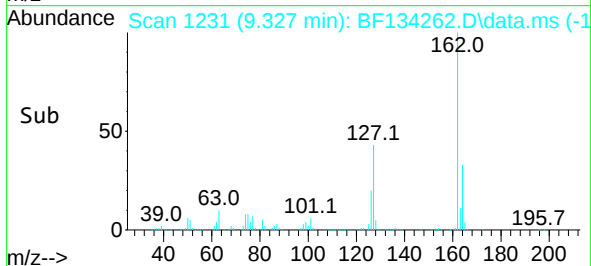
Tgt Ion:	162	Resp:	38267
Ion Ratio	Lower	Upper	
162	100		
127	42.9	32.9	49.3
164	33.3	26.1	39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#48

2-Nitroaniline

Concen: 40.837 ng

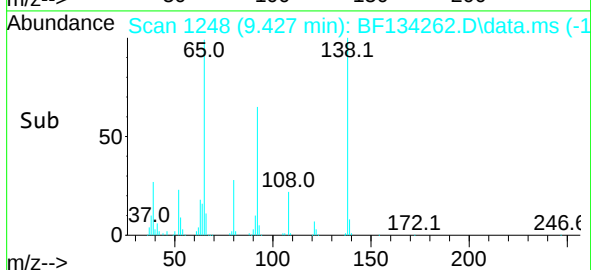
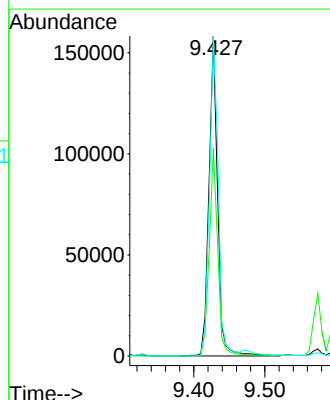
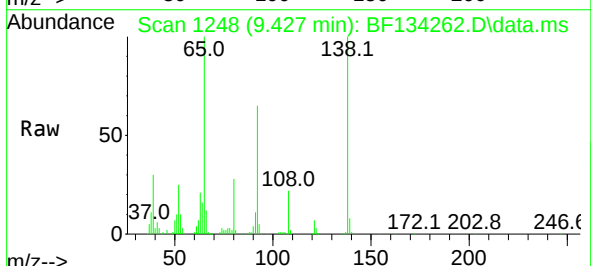
RT: 9.427 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

Tgt Ion:	65	Resp:	135144
Ion Ratio	Lower	Upper	
65	100		
92	64.9	49.5	74.3
138	99.8	78.0	117.0





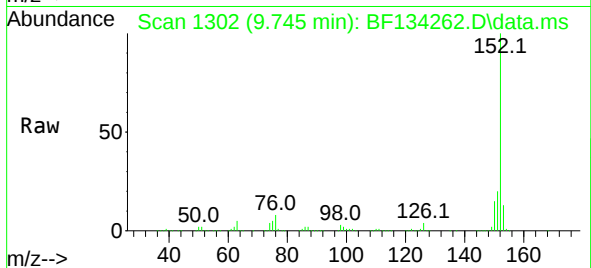
#49
Acenaphthylene
Concen: 40.244 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS



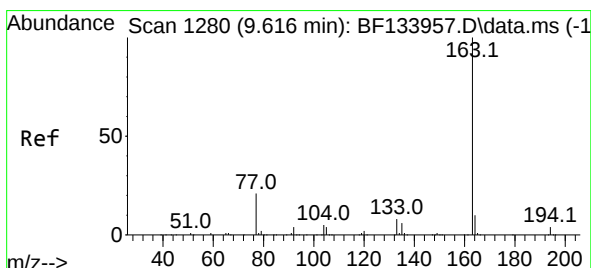
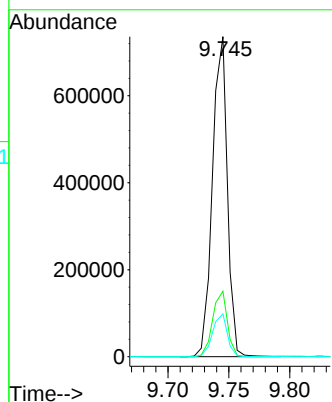
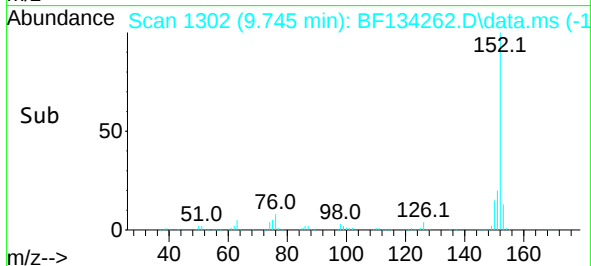
Tgt Ion:152 Resp: 62425
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.4 10.8 16.2

Manual Integrations

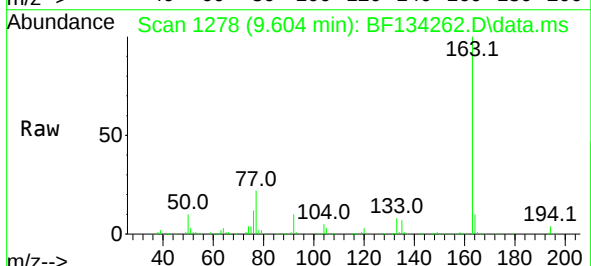
APPROVED

Reviewed By :Yogesh Patel 07/14/2023

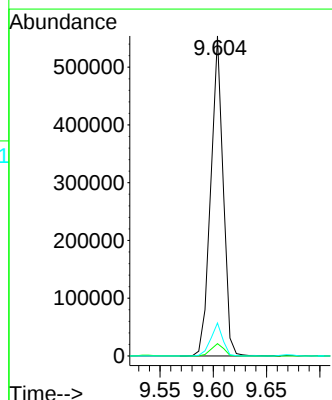
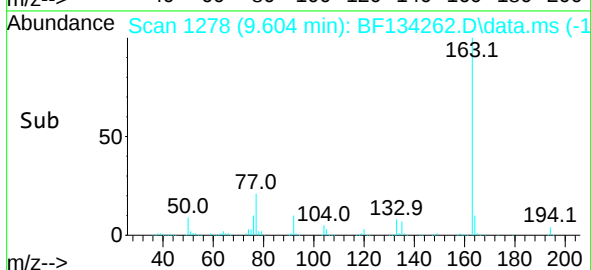
Supervised By :mohammad ahmed 07/14/2023

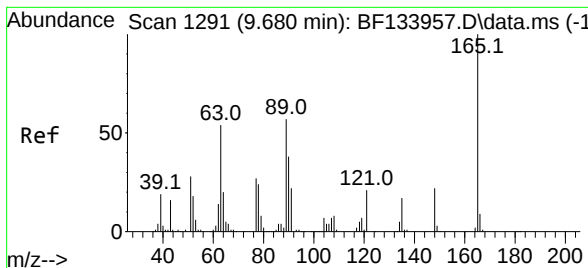


#50
Dimethylphthalate
Concen: 40.088 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



Tgt Ion:163 Resp: 450220
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 41.707 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

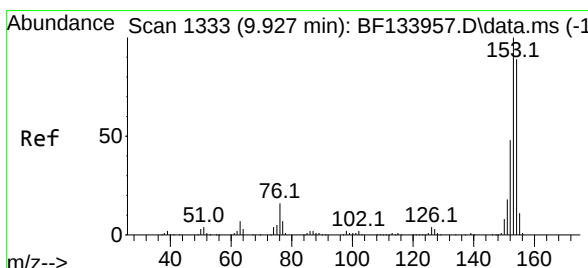
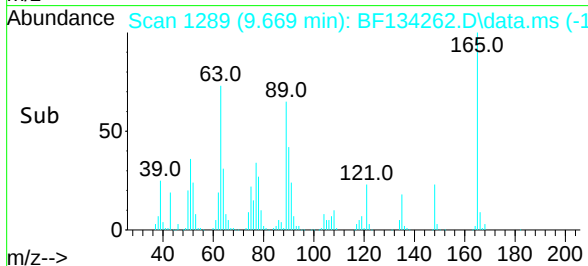
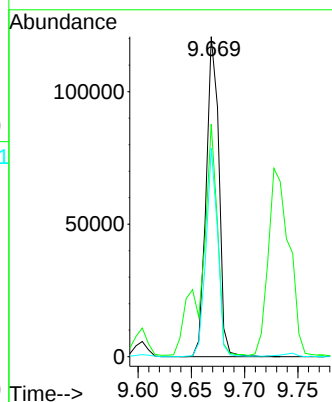
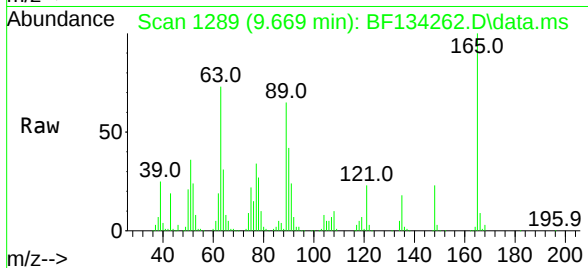
PB153397BS

Tgt Ion:165 Resp: 100889
Ion Ratio Lower Upper
165 100
63 72.7 48.5 72.7
89 65.2 45.5 68.3

Manual Integrations

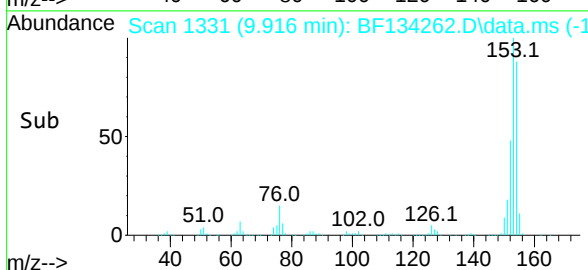
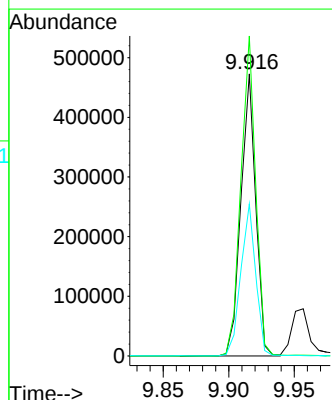
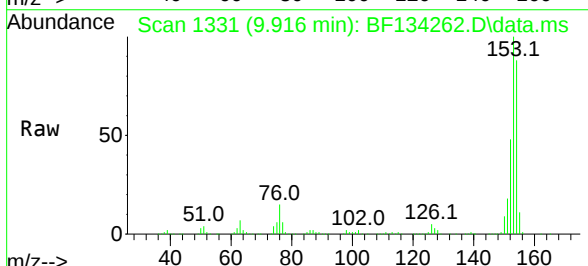
APPROVED

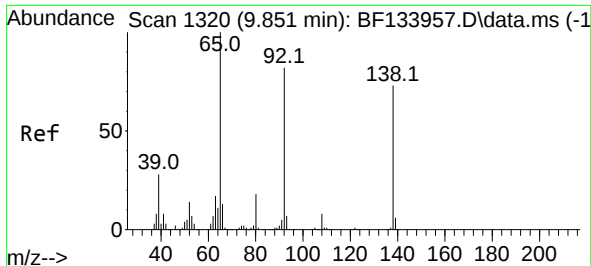
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#52
Acenaphthene
Concen: 41.496 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Tgt Ion:154 Resp: 373490
Ion Ratio Lower Upper
154 100
153 113.5 89.4 134.2
152 53.9 42.8 64.2





#53
3-Nitroaniline
Concen: 28.758 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

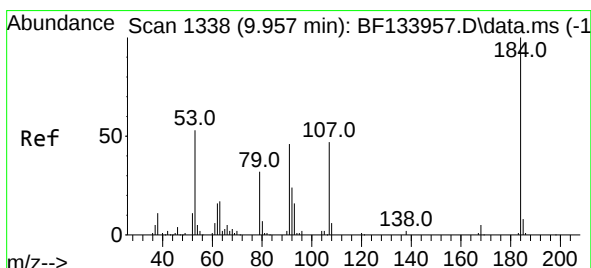
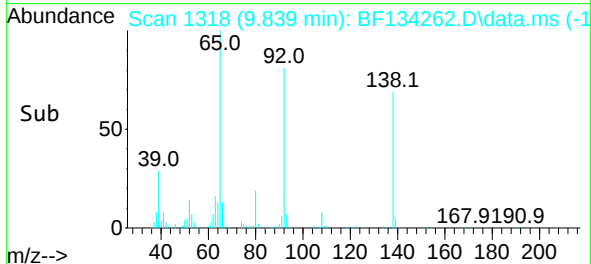
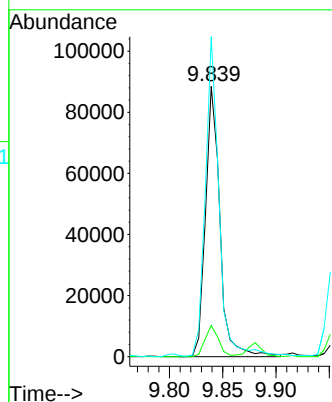
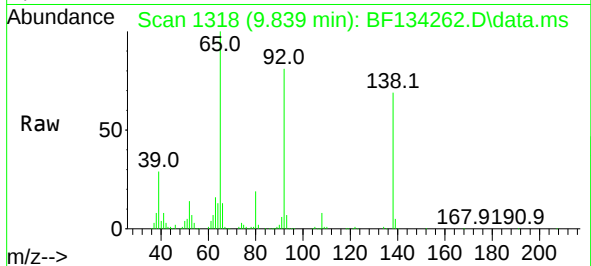
PB153397BS

Tgt Ion:138 Resp: 83454
Ion Ratio Lower Upper
138 100
108 11.6 8.4 12.6
92 118.4 90.1 135.1

Manual Integrations

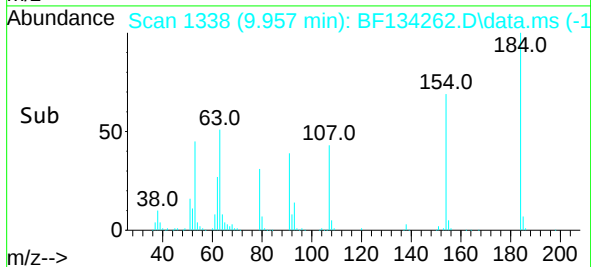
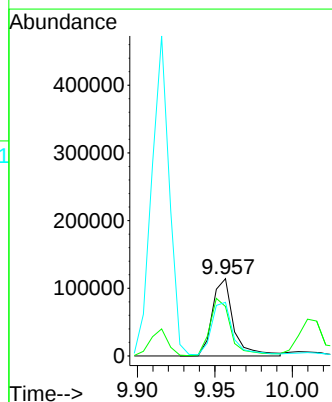
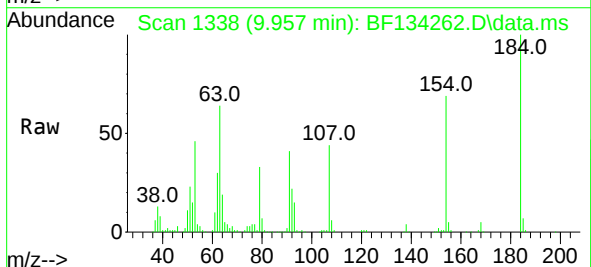
APPROVED

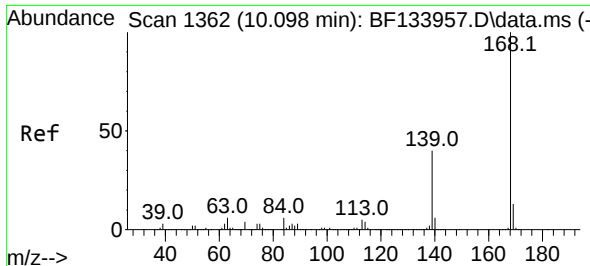
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#54
2,4-Dinitrophenol
Concen: 77.776 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

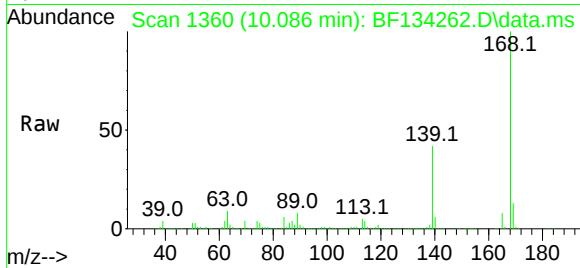
Tgt Ion:184 Resp: 108491
Ion Ratio Lower Upper
184 100
63 64.0 56.9 85.3
154 69.4 55.4 83.0





#55
Dibenzofuran
Concen: 40.399 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

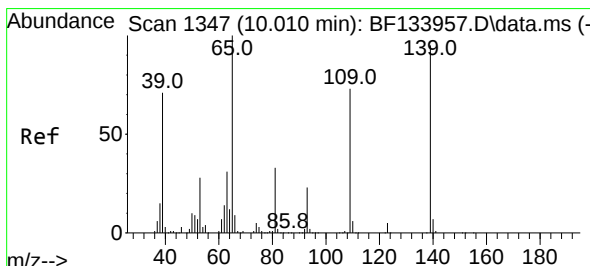
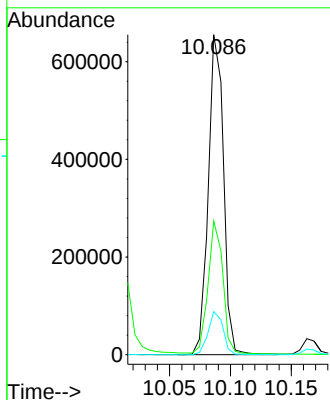
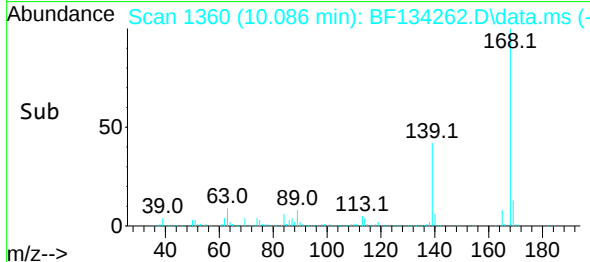
Instrument :
BNA_F
ClientSampleId :
PB153397BS



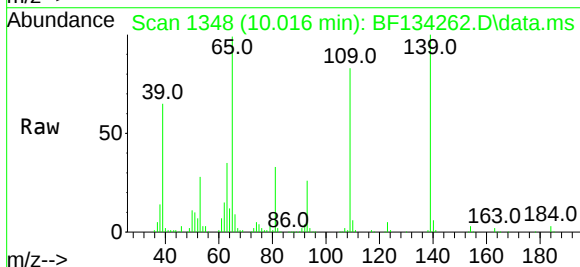
Tgt Ion:168 Resp: 56827
Ion Ratio Lower Upper
168 100
139 41.8 32.0 48.0
169 13.4 10.6 16.0

Manual Integrations
APPROVED

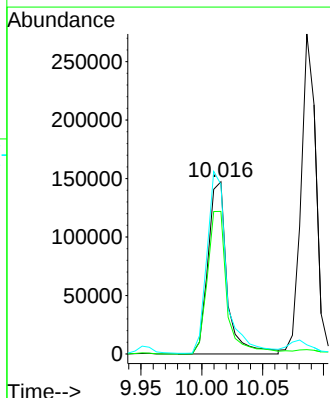
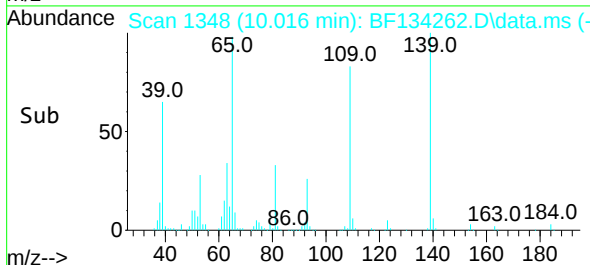
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

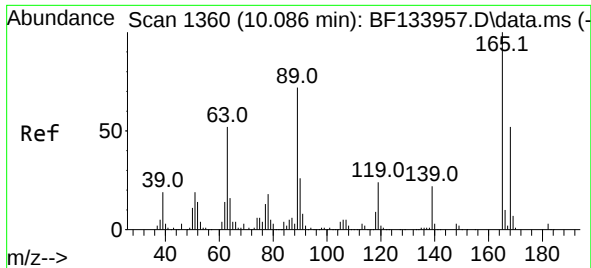


#56
4-Nitrophenol
Concen: 78.999 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



Tgt Ion:139 Resp: 160357
Ion Ratio Lower Upper
139 100
109 82.8 56.8 96.8
65 98.5 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 42.632 ng
RT: 10.080 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

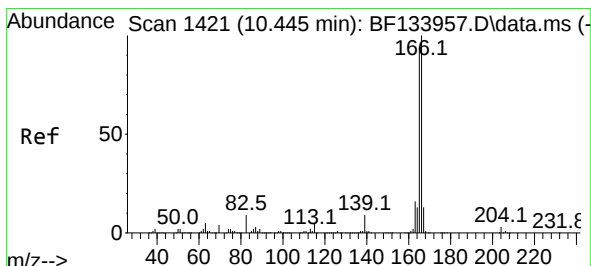
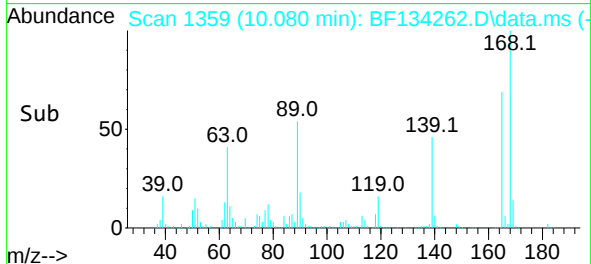
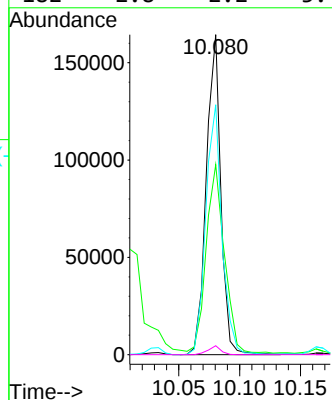
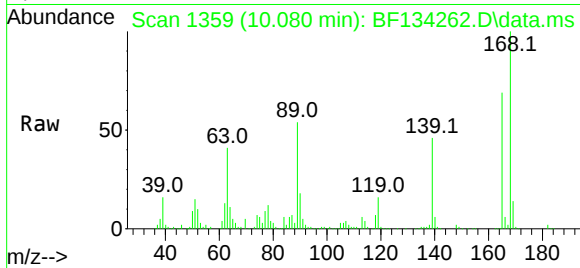
PB153397BS

Tgt Ion:165 Resp: 13618
Ion Ratio Lower Upper
165 100
63 59.4 42.2 63.2
89 78.1 57.4 86.2
182 2.8 2.2 3.4

Manual Integrations

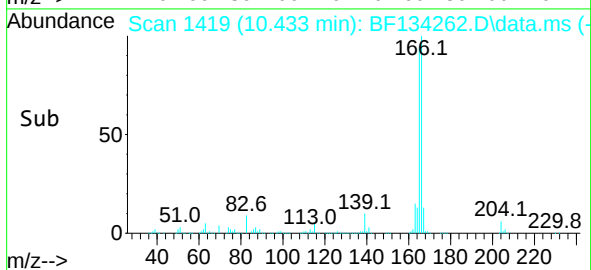
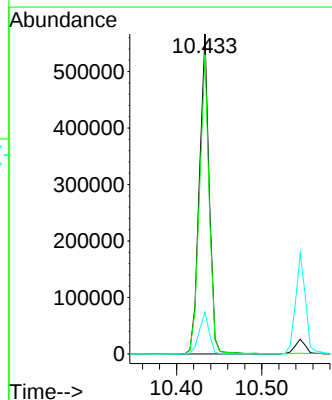
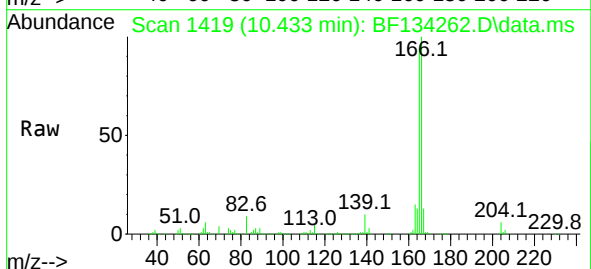
APPROVED

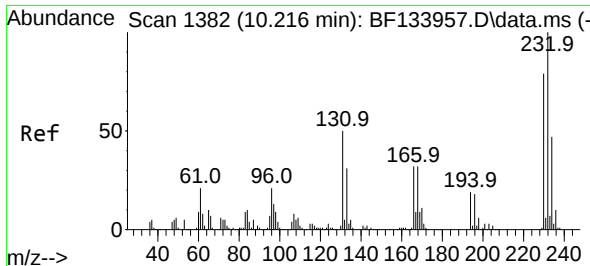
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#58
Fluorene
Concen: 41.725 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

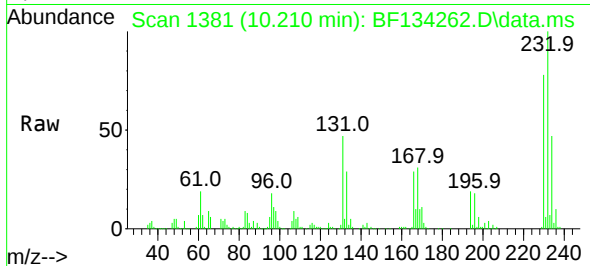
Tgt Ion:166 Resp: 456629
Ion Ratio Lower Upper
166 100
165 93.5 75.0 112.4
167 13.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.683 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

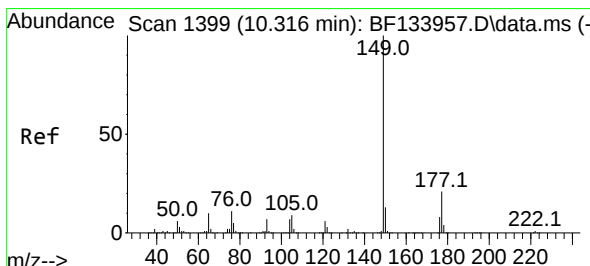
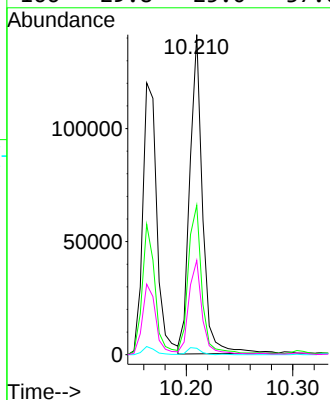
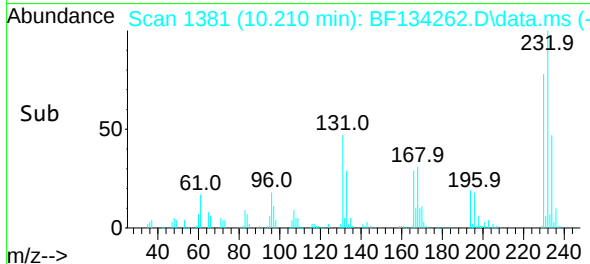
Instrument :
BNA_F
ClientSampleId :
PB153397BS



Tgt Ion:232 Resp: 11778
Ion Ratio Lower Upper
232 100
131 48.8 39.3 58.9
130 2.3 1.8 2.6
166 29.8 25.0 37.6

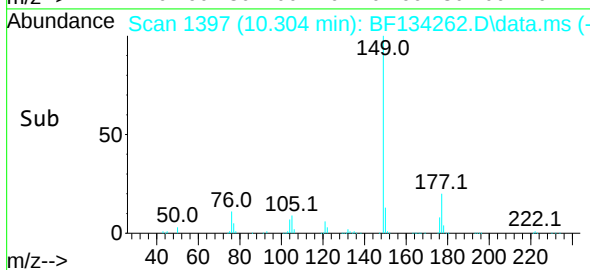
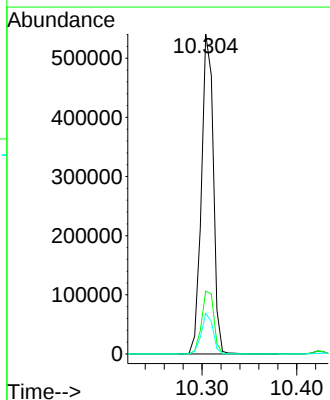
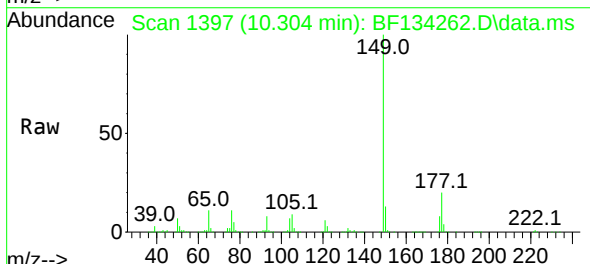
Manual Integrations
APPROVED

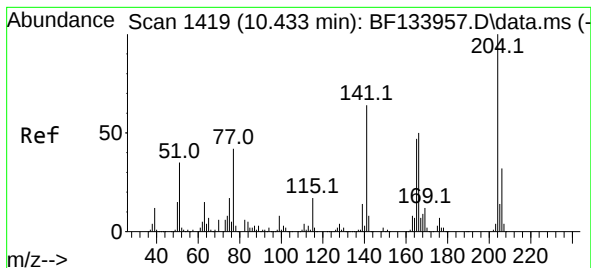
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#60
Diethylphthalate
Concen: 40.427 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

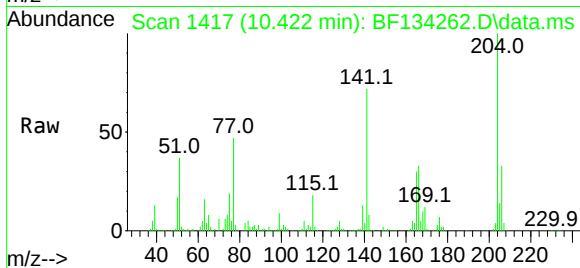
Tgt Ion:149 Resp: 473022
Ion Ratio Lower Upper
149 100
177 19.7 17.0 25.6
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.801 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

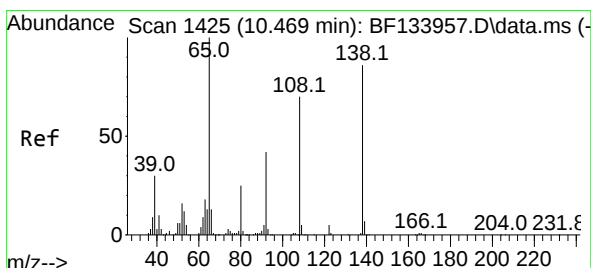
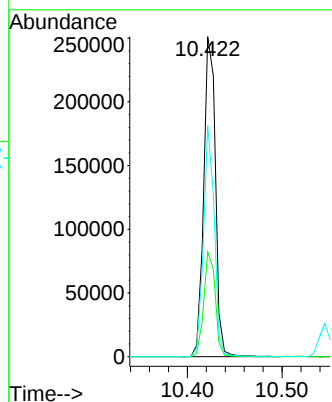
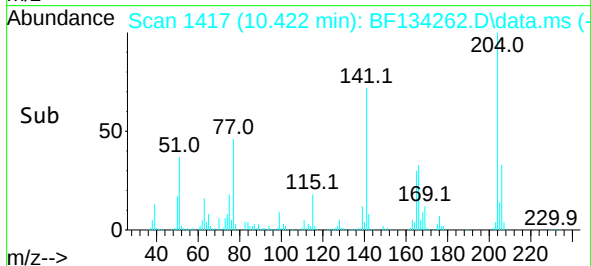
Instrument :
BNA_F
ClientSampleId :
PB153397BS



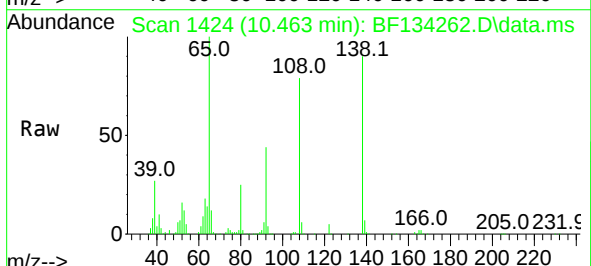
Tgt Ion:204 Resp: 215184
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 72.2 51.5 77.3

Manual Integrations
APPROVED

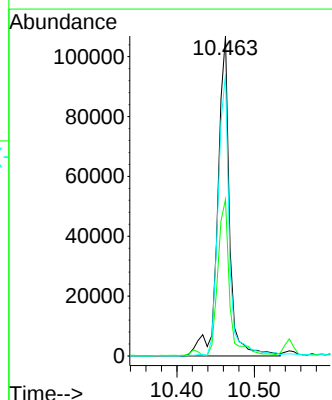
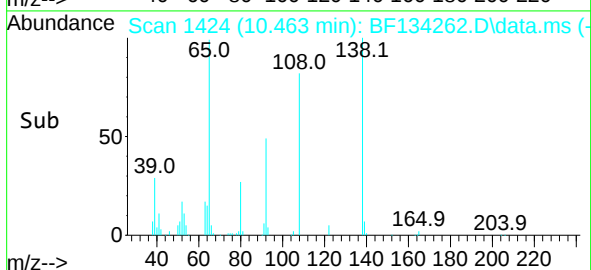
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

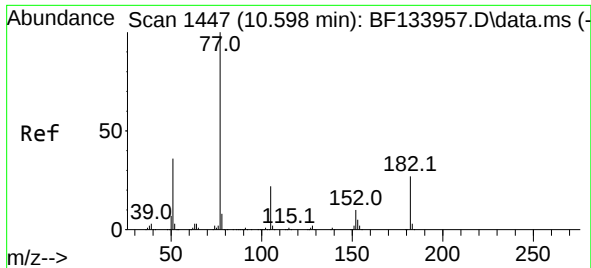


#62
4-Nitroaniline
Concen: 38.649 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



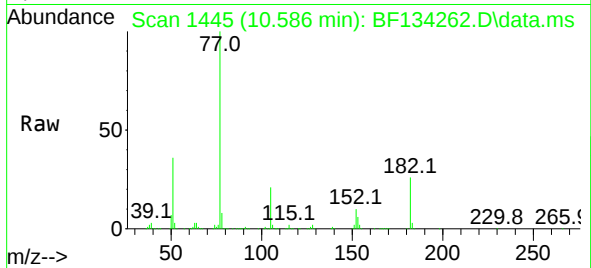
Tgt Ion:138 Resp: 113030
Ion Ratio Lower Upper
138 100
92 48.9 29.7 69.7
108 88.0 62.1 102.1





#63
Azobenzene
Concen: 39.334 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

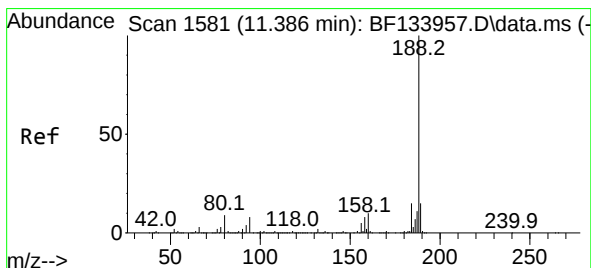
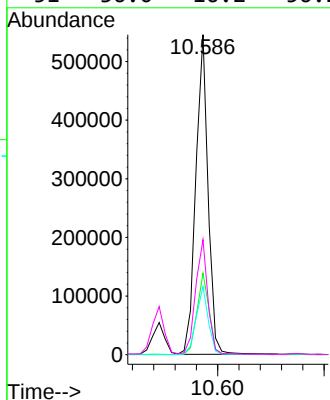
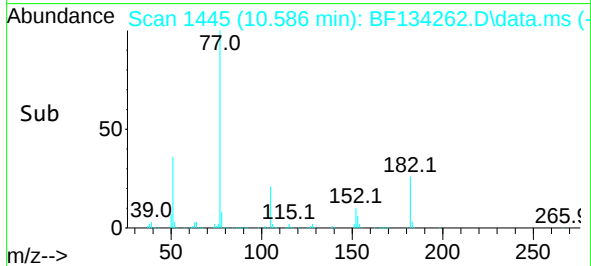
Instrument :
BNA_F
ClientSampleId :
PB153397BS



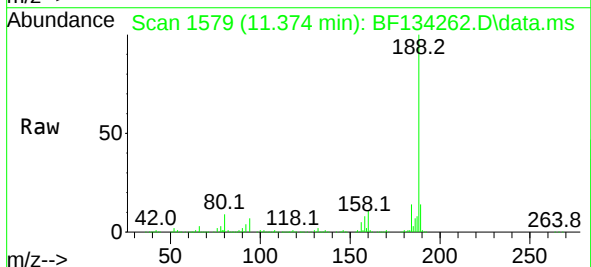
Tgt Ion: 77 Resp: 435348
Ion Ratio Lower Upper
77 100
182 25.5 6.8 46.8
105 21.3 2.3 42.3
51 36.0 16.2 56.2

Manual Integrations
APPROVED

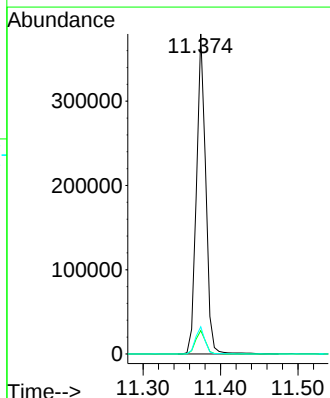
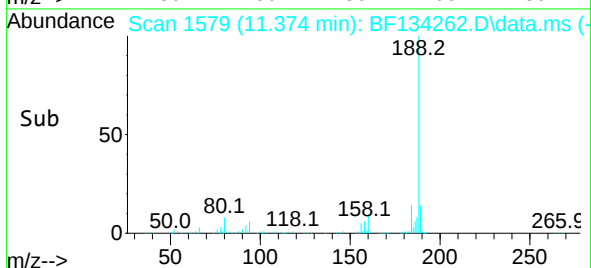
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

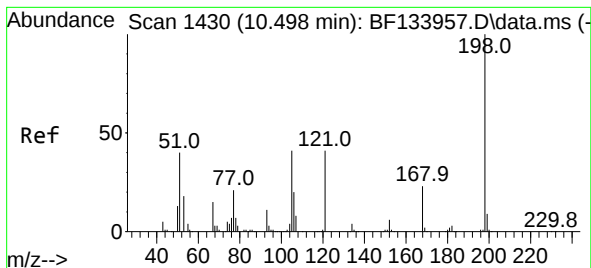


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



Tgt Ion:188 Resp: 315026
Ion Ratio Lower Upper
188 100
94 7.3 6.4 9.6
80 8.5 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 44.242 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

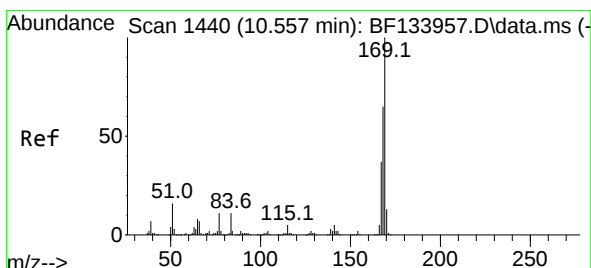
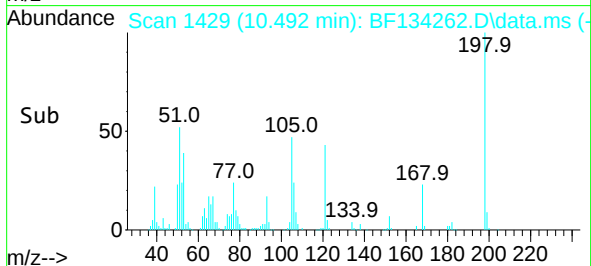
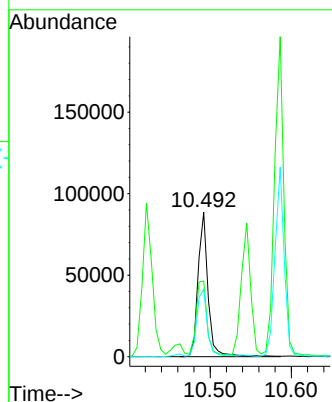
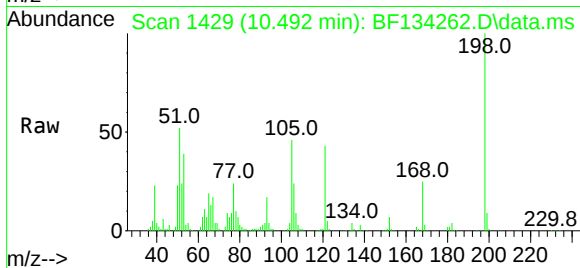
PB153397BS

Tgt Ion:198 Resp: 75980
Ion Ratio Lower Upper
198 100
51 52.4 29.3 69.3
105 46.5 22.4 62.4

Manual Integrations

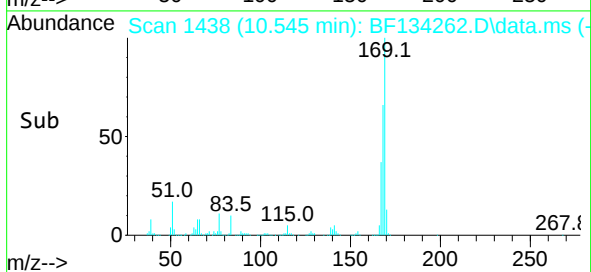
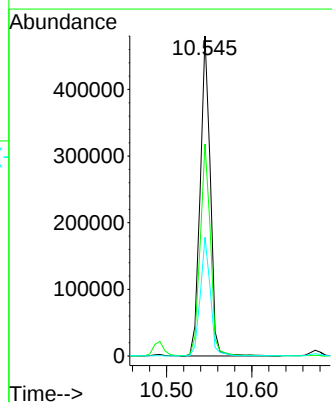
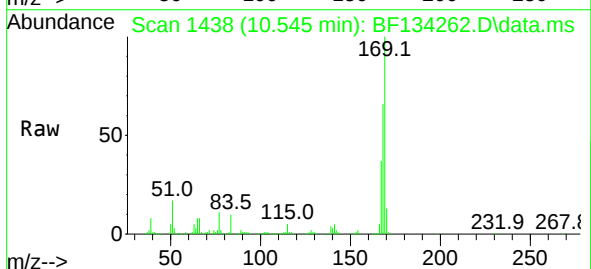
APPROVED

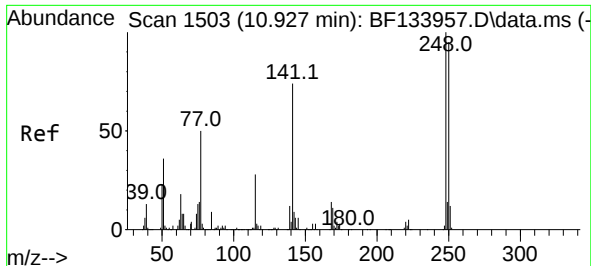
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#66
n-Nitrosodiphenylamine
Concen: 39.311 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Tgt Ion:169 Resp: 395674
Ion Ratio Lower Upper
169 100
168 66.3 52.3 78.5
167 37.1 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 39.812 ng

RT: 10.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS

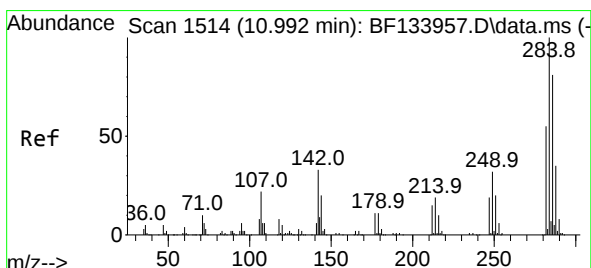
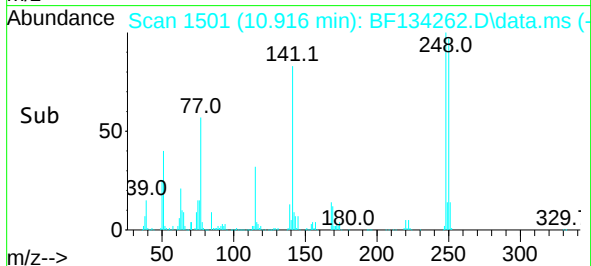
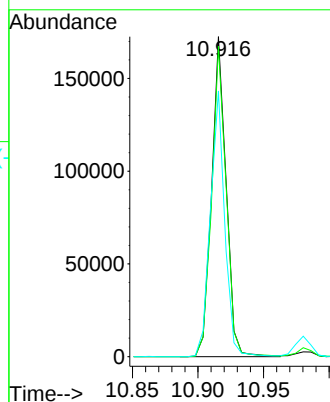
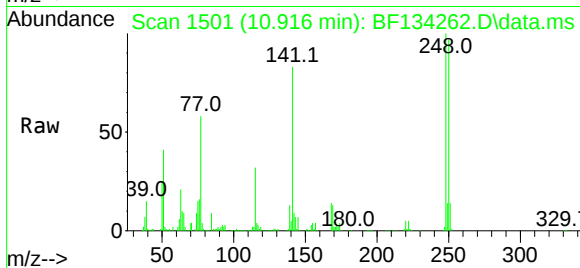
Tgt Ion:248	Resp:	133304
Ion Ratio	Lower	Upper
248	100	
250	97.0	76.2 114.4
141	83.0	59.0 88.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#68

Hexachlorobenzene

Concen: 44.141 ng

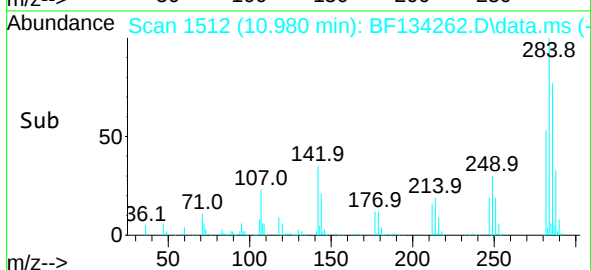
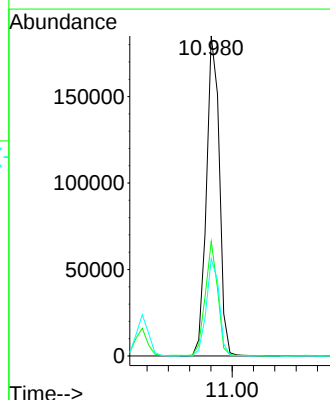
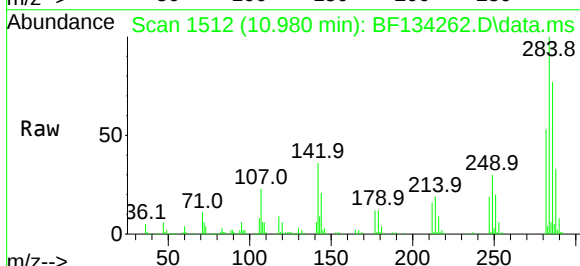
RT: 10.980 min Scan# 1512

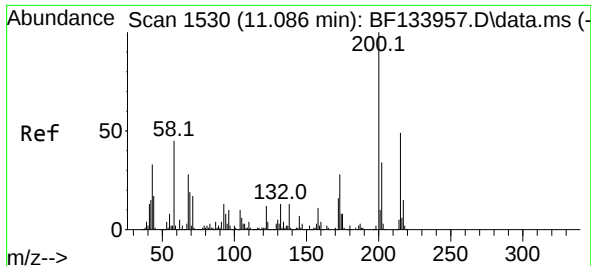
Delta R.T. -0.006 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

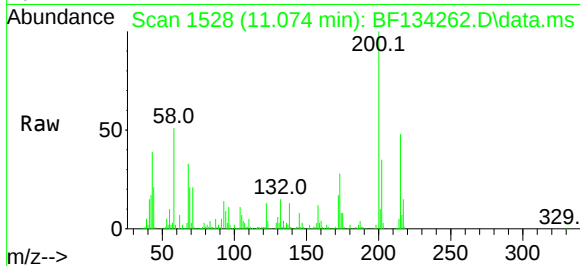
Tgt Ion:284	Resp:	156928
Ion Ratio	Lower	Upper
284	100	
142	35.7	26.6 40.0
249	30.4	25.5 38.3





#69
Atrazine
Concen: 37.880 ng
RT: 11.074 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

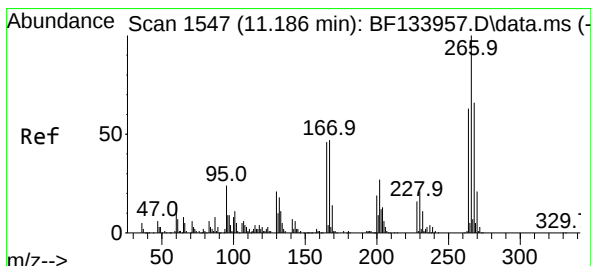
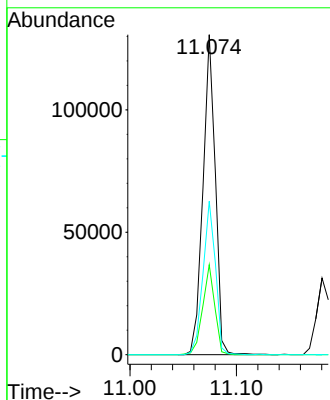
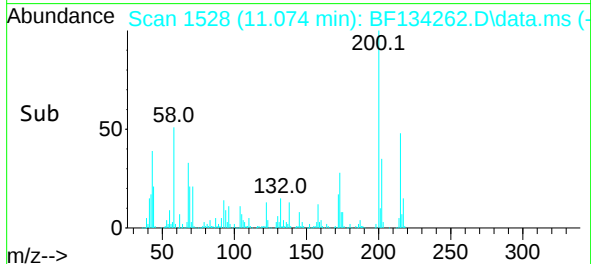
Instrument :
BNA_F
ClientSampleId :
PB153397BS



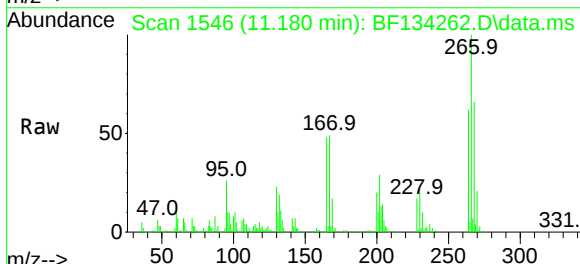
Tgt Ion:200 Resp: 105463
Ion Ratio Lower Upper
200 100
173 28.1 8.0 48.0
215 48.0 29.3 69.3

Manual Integrations
APPROVED

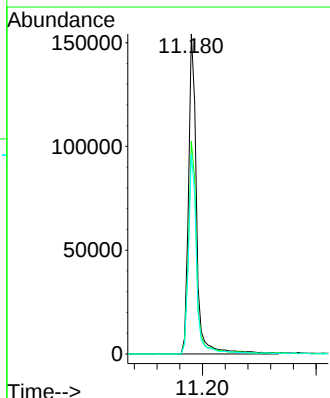
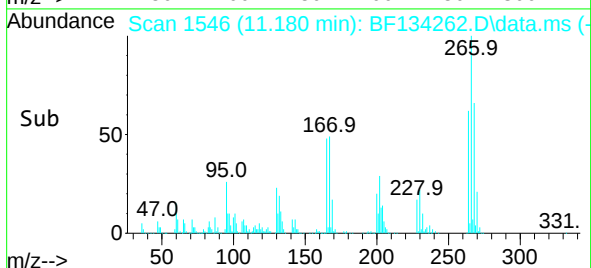
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

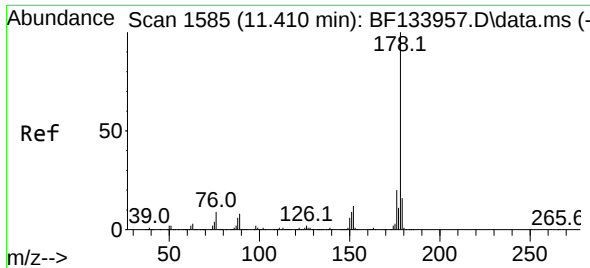


#70
Pentachlorophenol
Concen: 70.905 ng
RT: 11.180 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



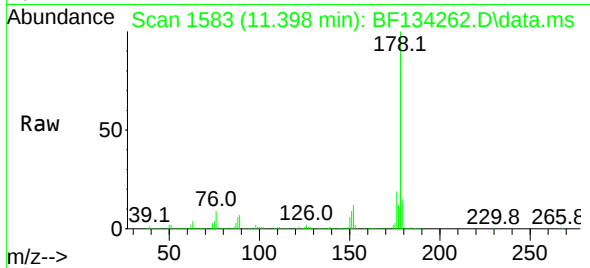
Tgt Ion:266 Resp: 150722
Ion Ratio Lower Upper
266 100
268 66.4 52.6 79.0
264 62.3 50.6 76.0





#71
Phenanthrene
Concen: 41.333 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

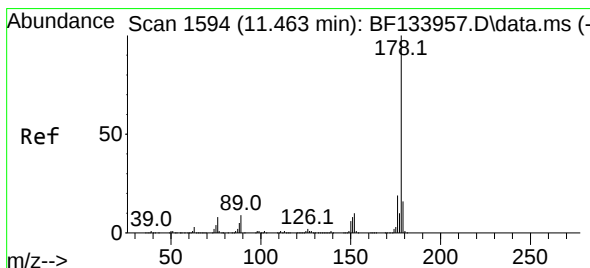
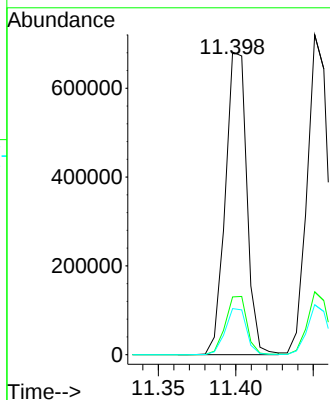
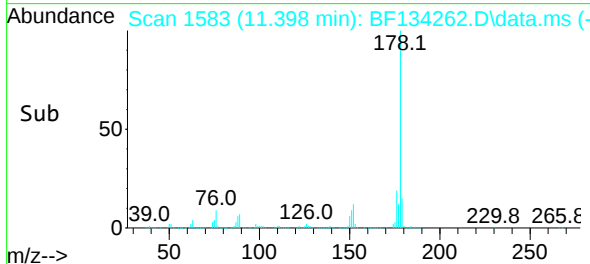
Instrument :
BNA_F
ClientSampleId :
PB153397BS



Tgt Ion:178 Resp: 655500
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.2 12.4 18.6

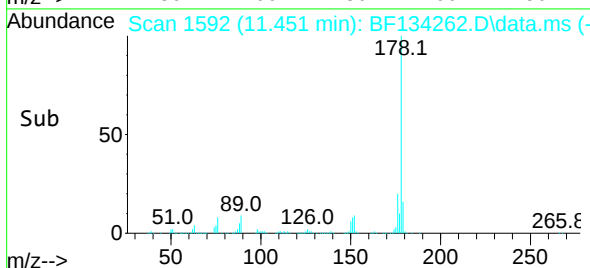
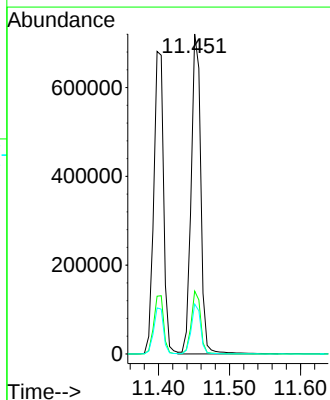
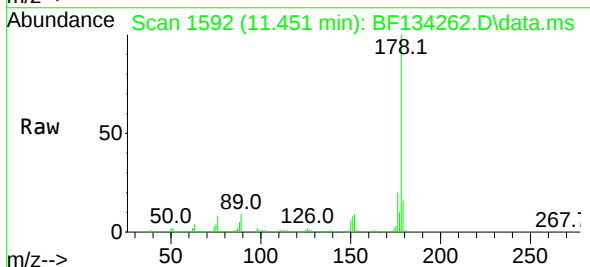
Manual Integrations
APPROVED

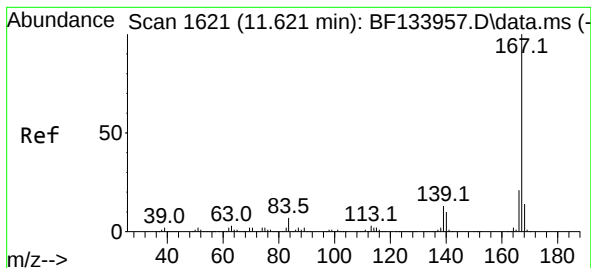
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#72
Anthracene
Concen: 41.176 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Tgt Ion:178 Resp: 679208
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.6 12.4 18.6





#73

Carbazole

Concen: 43.818 ng

RT: 11.610 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BF134262.D

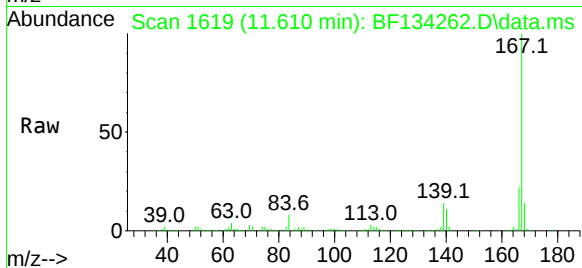
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS



Tgt Ion:167 Resp: 66157

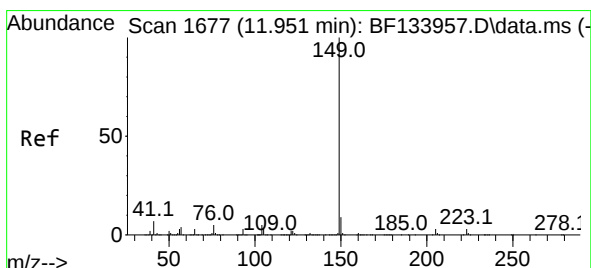
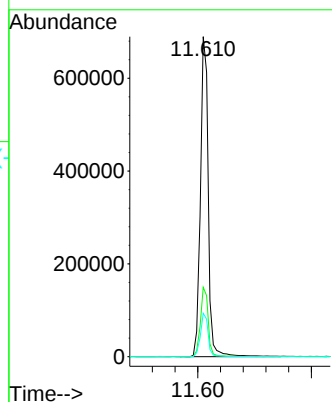
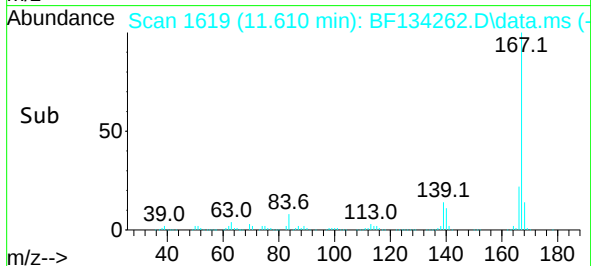
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	13.6	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#74

Di-n-butylphthalate

Concen: 41.361 ng

RT: 11.939 min Scan# 1675

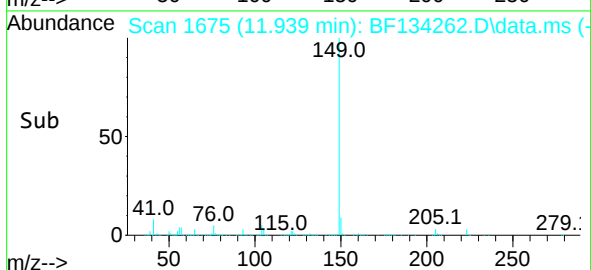
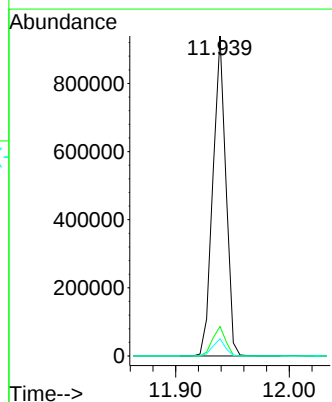
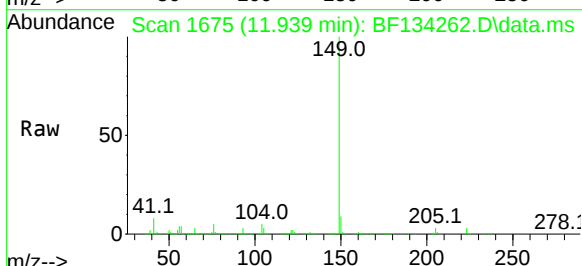
Delta R.T. -0.006 min

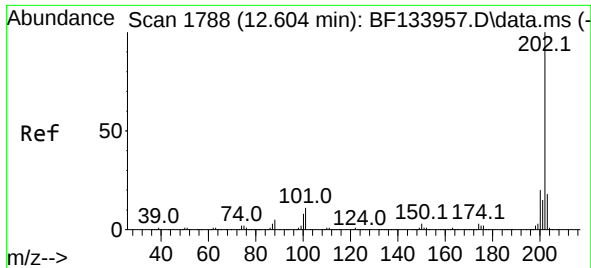
Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

Tgt Ion:149 Resp: 742616

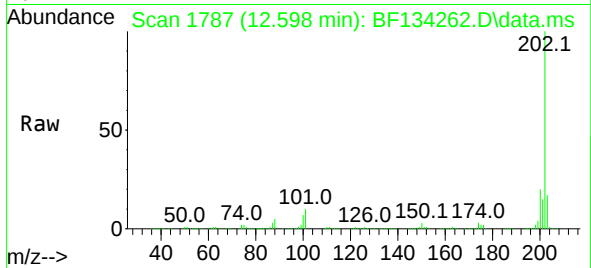
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.1	10.7
104	5.4	4.0	6.0





#75
Fluoranthene
Concen: 44.265 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

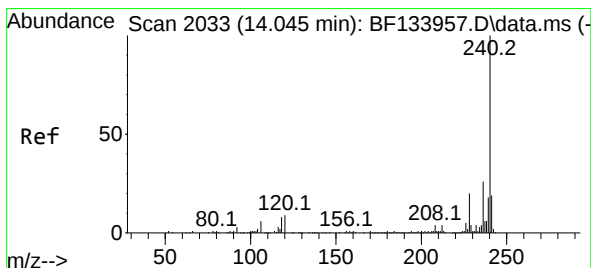
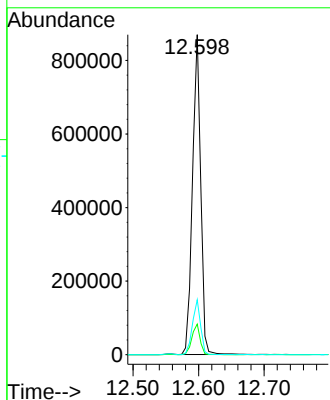
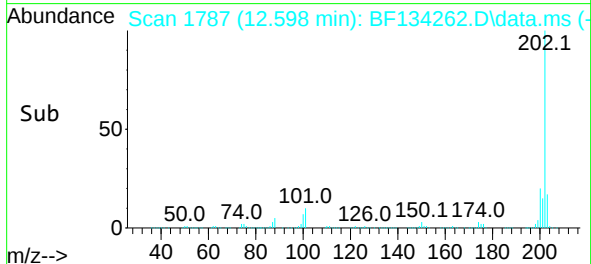
Instrument :
BNA_F
ClientSampleId :
PB153397BS



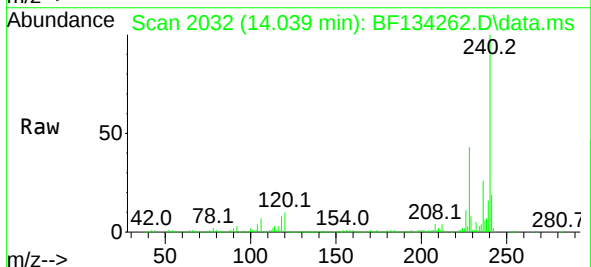
Tgt Ion:202 Resp: 758915
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.0
203 17.1 0.0 37.6

Manual Integrations
APPROVED

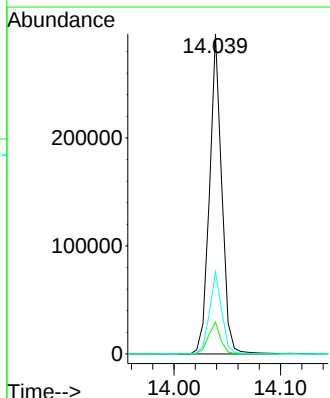
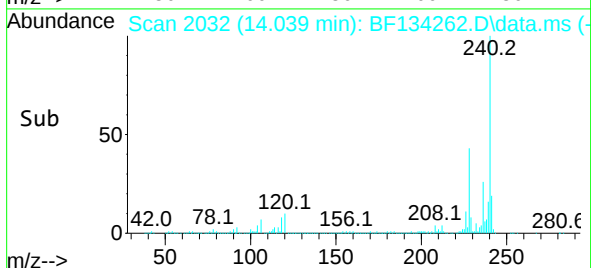
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

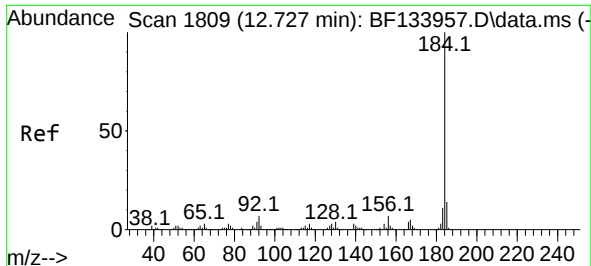


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



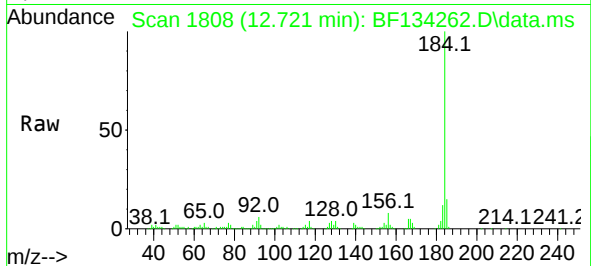
Tgt Ion:240 Resp: 236829
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 25.7 21.0 31.6





#77
Benzidine
Concen: 21.615 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

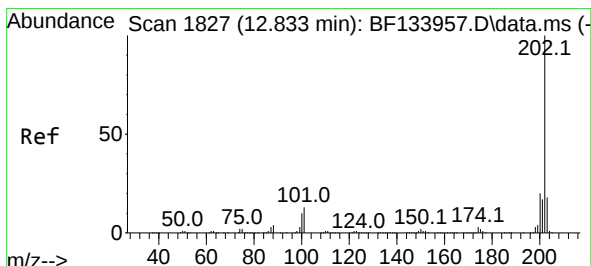
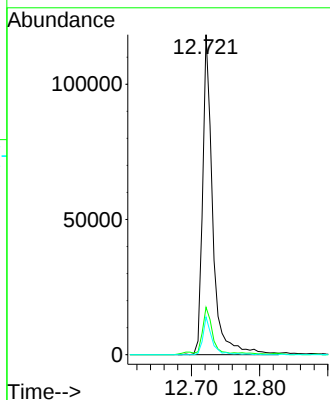
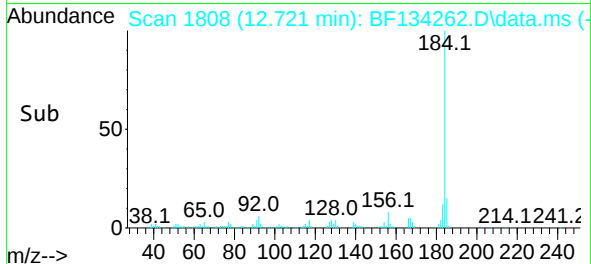
Instrument :
BNA_F
ClientSampleId :
PB153397BS



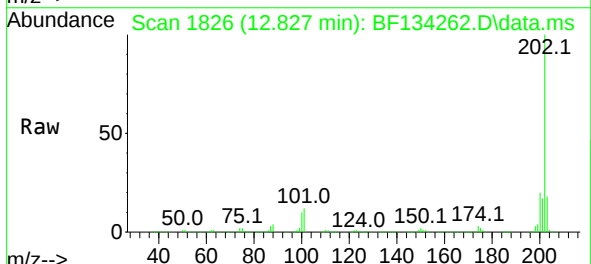
Tgt Ion:184 Resp: 121804
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 11.8 8.8 13.2

Manual Integrations
APPROVED

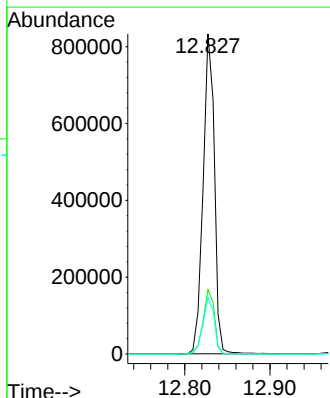
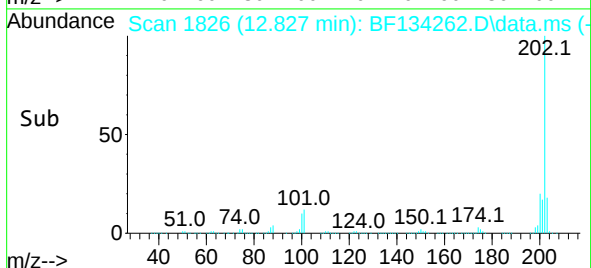
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

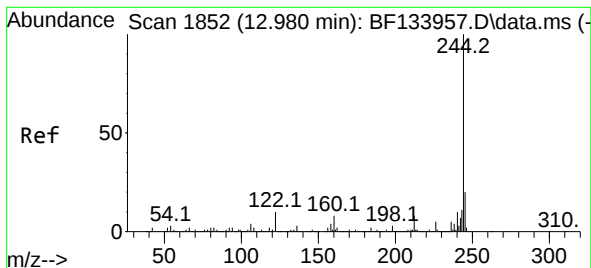


#78
Pyrene
Concen: 34.873 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



Tgt Ion:202 Resp: 768596
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 73.876 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF134262.D

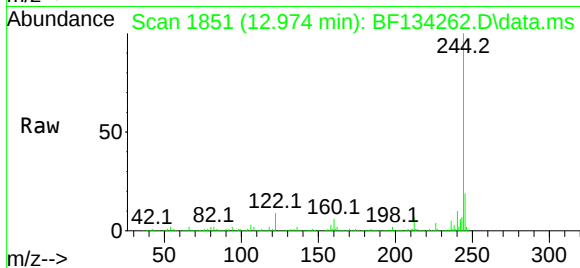
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS



Tgt Ion:244 Resp: 108710

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

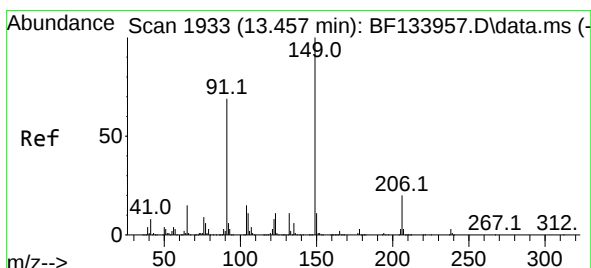
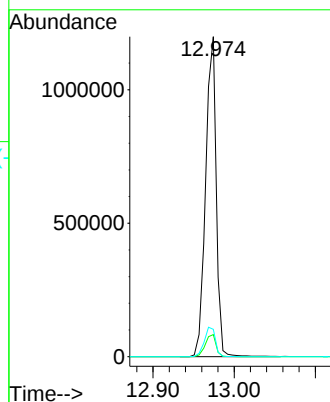
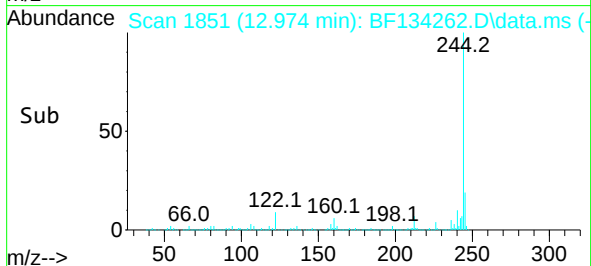
122 8.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#80

Butylbenzylphthalate

Concen: 39.814 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

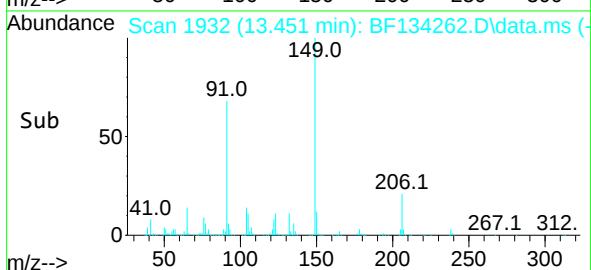
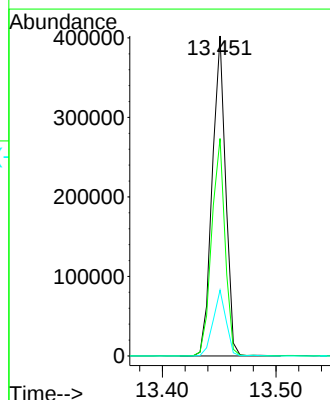
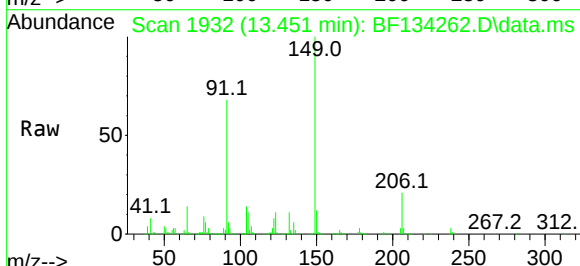
Tgt Ion:149 Resp: 329108

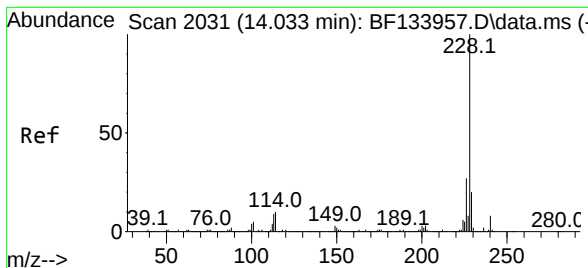
Ion Ratio Lower Upper

149 100

91 68.0 55.1 82.7

206 20.6 15.7 23.5





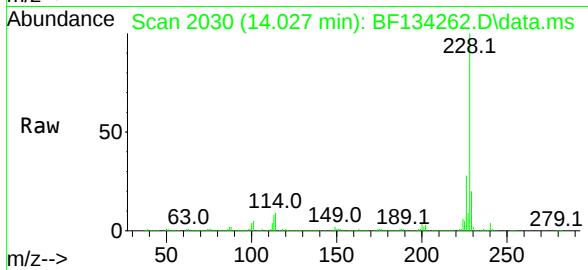
#81
Benzo(a)anthracene
Concen: 41.716 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS



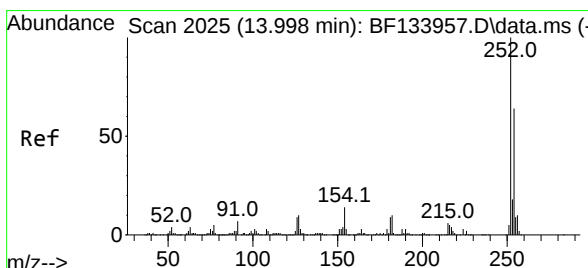
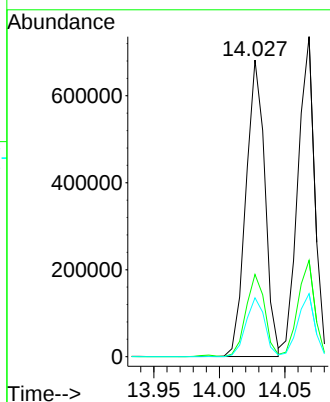
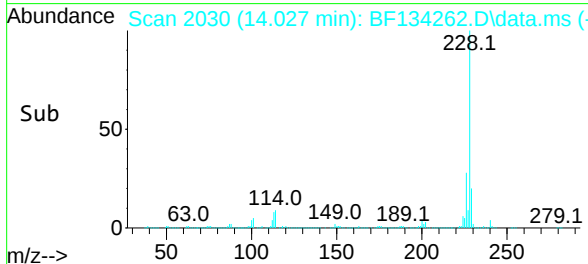
Tgt Ion:228 Resp: 685170
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 19.9 16.3 24.5

Manual Integrations

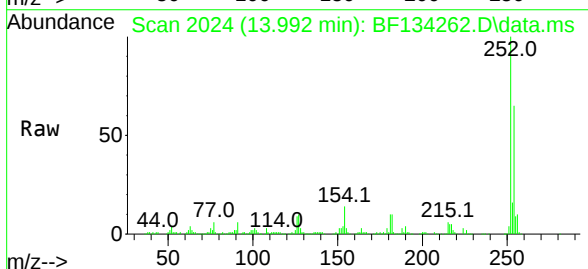
APPROVED

Reviewed By :Yogesh Patel 07/14/2023

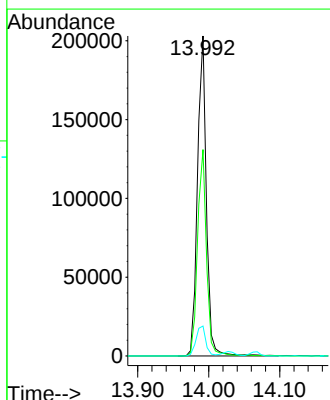
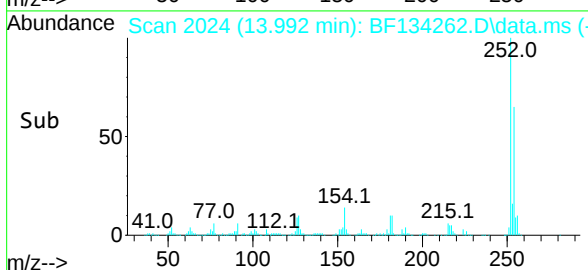
Supervised By :mohammad ahmed 07/14/2023

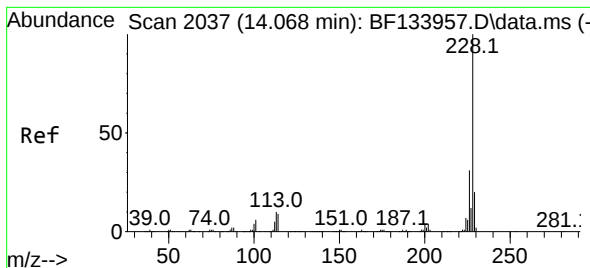


#82
3,3'-Dichlorobenzidine
Concen: 34.151 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



Tgt Ion:252 Resp: 177709
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.0
126 9.4 7.4 11.2





#83

Chrysene

Concen: 41.856 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF134262.D

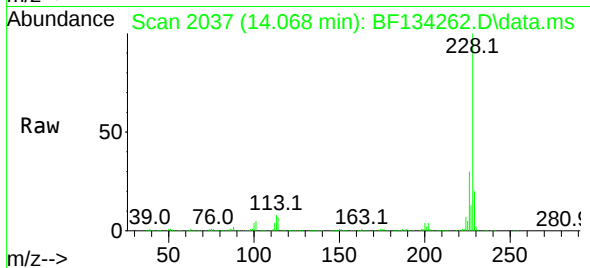
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS



Tgt Ion:228 Resp: 66585

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

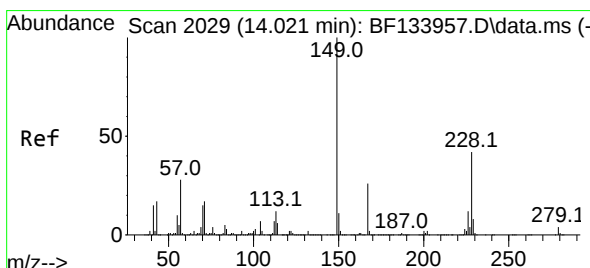
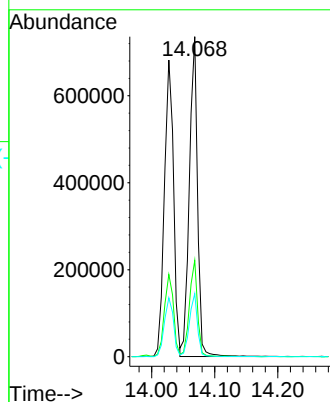
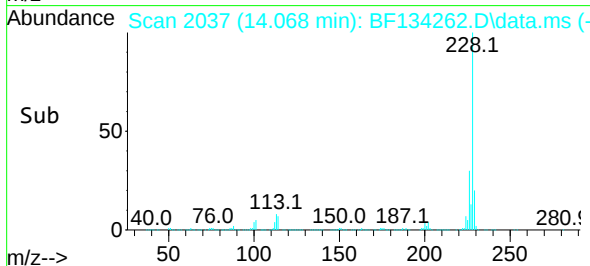
229 19.7 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.094 ng

RT: 14.009 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

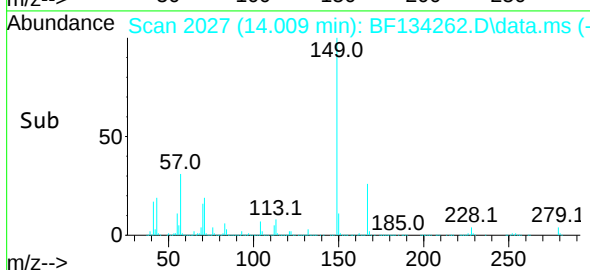
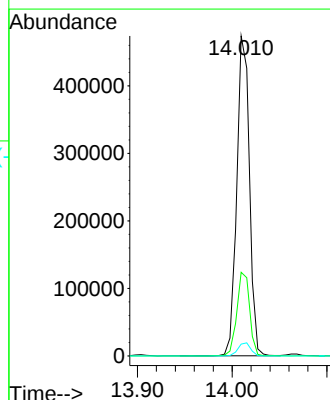
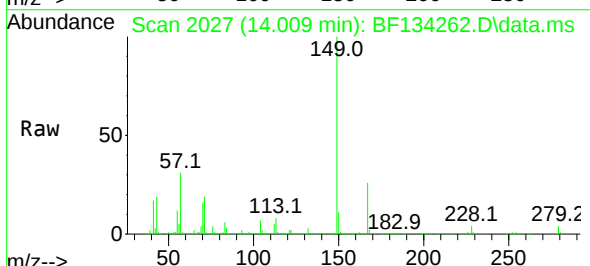
Tgt Ion:149 Resp: 437814

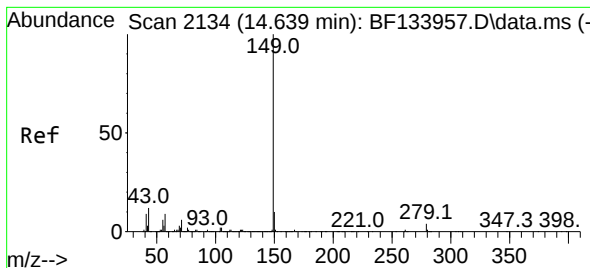
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 52.335 ng

RT: 14.633 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS

Tgt Ion:149 Resp: 73041

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

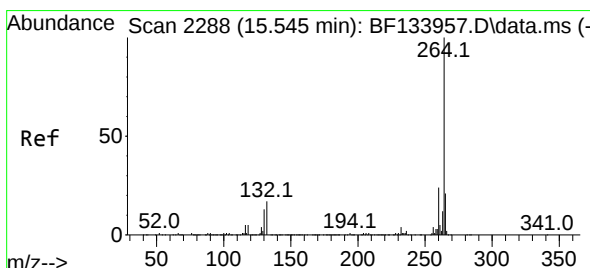
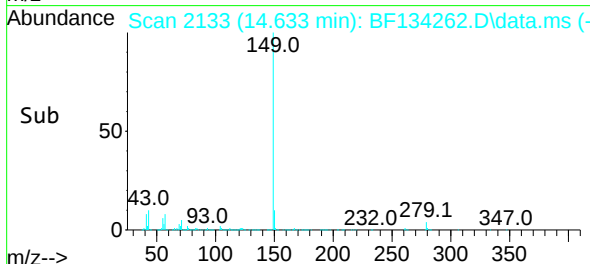
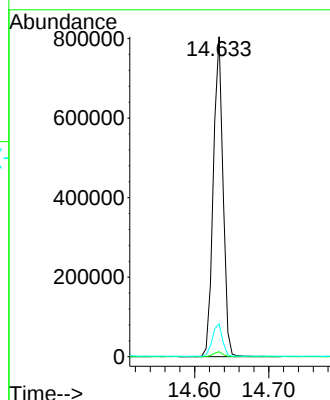
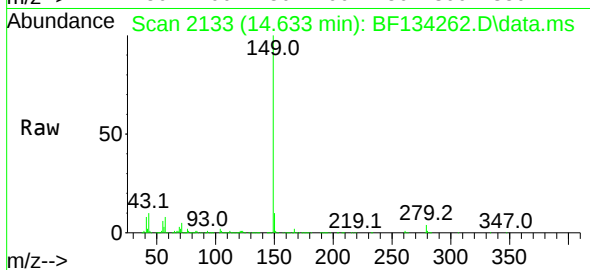
43 10.7 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF134262.D

Acq: 13 Jul 2023 15:10

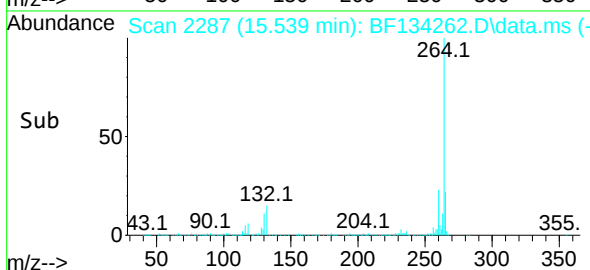
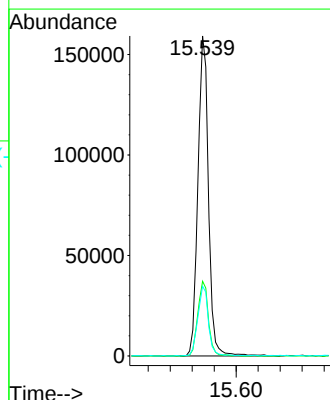
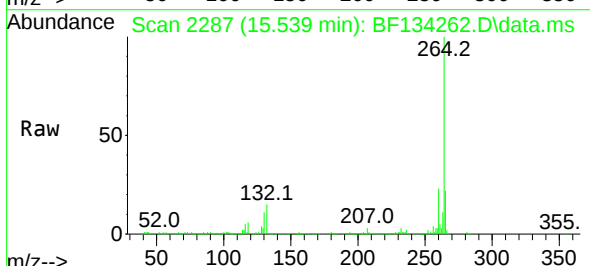
Tgt Ion:264 Resp: 212072

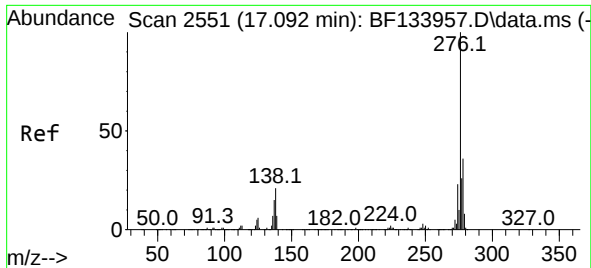
Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.8 16.6 25.0





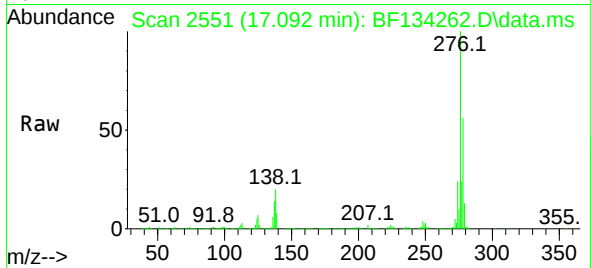
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.824 ng
RT: 17.092 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PB153397BS

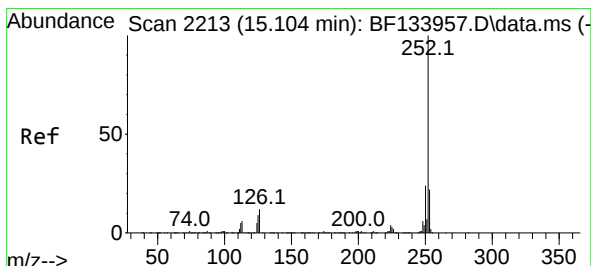
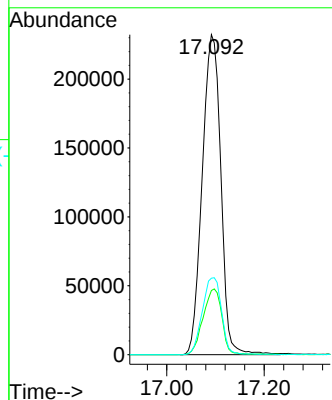
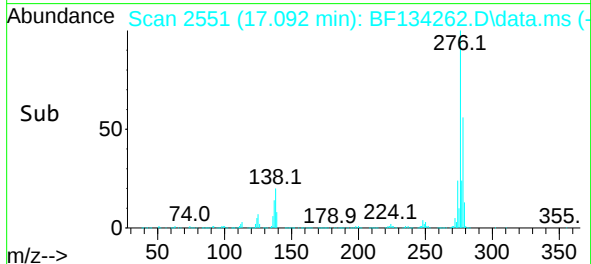


Tgt Ion:276 Resp: 615470
Ion Ratio Lower Upper
276 100
138 20.8 18.7 28.1
277 24.8 19.9 29.9

Manual Integrations

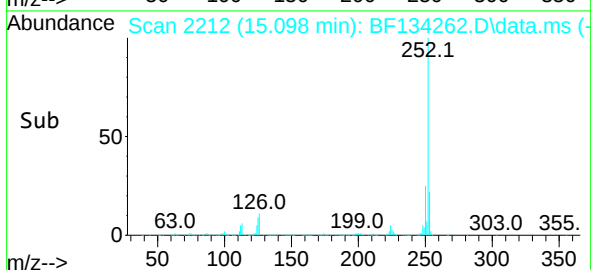
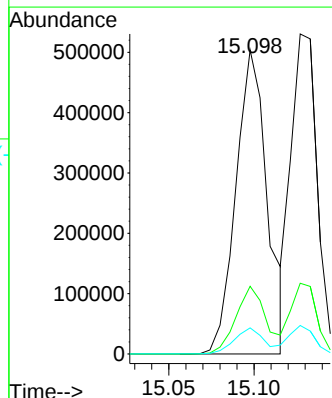
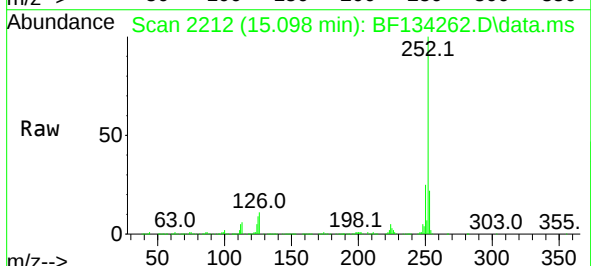
APPROVED

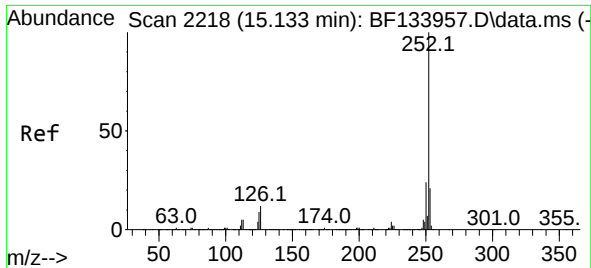
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#88
Benzo(b)fluoranthene
Concen: 51.748 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

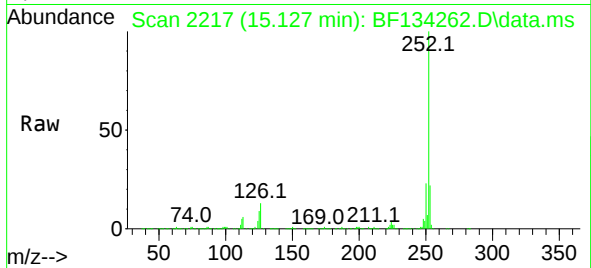
Tgt Ion:252 Resp: 645297
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.6 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 45.450 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

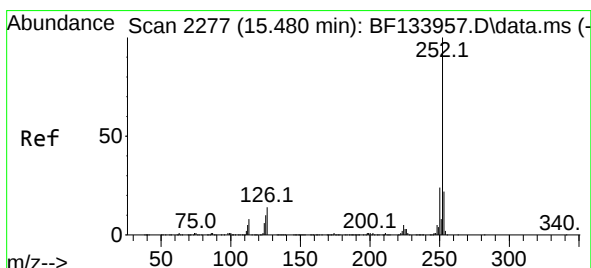
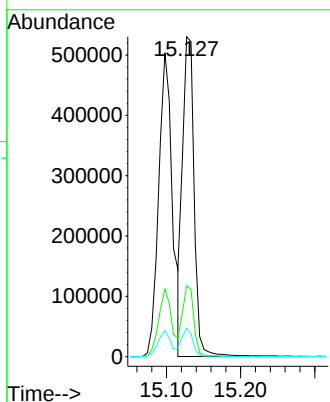
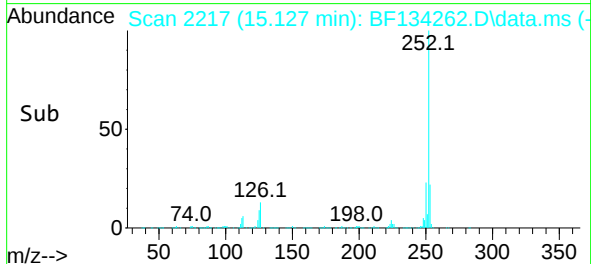
Instrument :
BNA_F
ClientSampleId :
PB153397BS



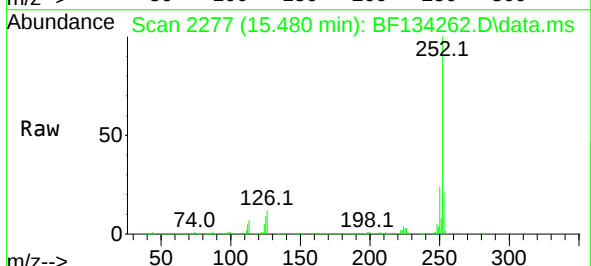
Tgt Ion:252 Resp: 57704
Ion Ratio Lower Upper
252 100
253 22.1 16.9 25.3
125 8.9 7.4 11.2

Manual Integrations
APPROVED

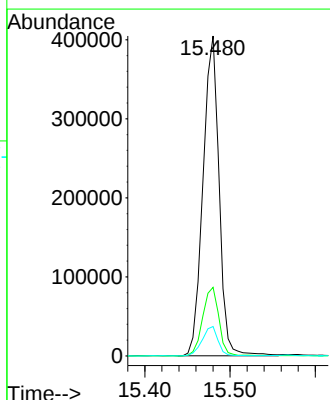
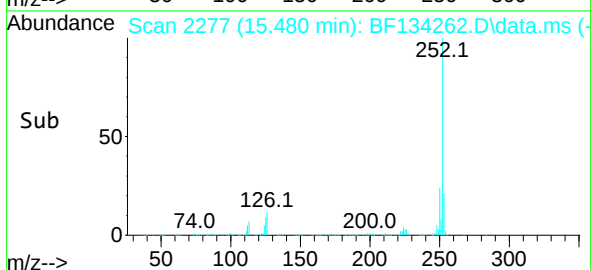
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

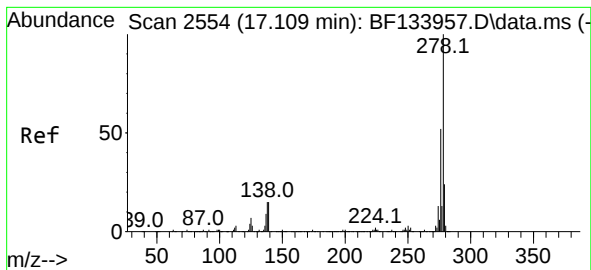


#90
Benzo(a)pyrene
Concen: 43.950 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10



Tgt Ion:252 Resp: 529965
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.2 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 42.702 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Instrument :

BNA_F

ClientSampleId :

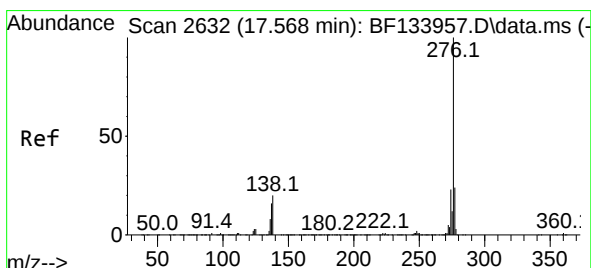
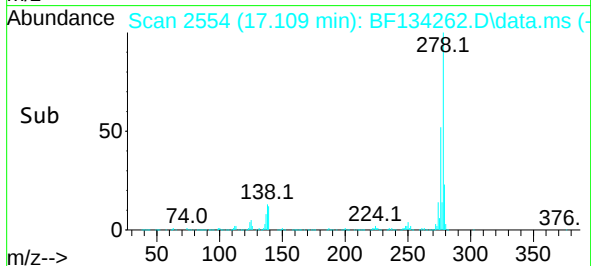
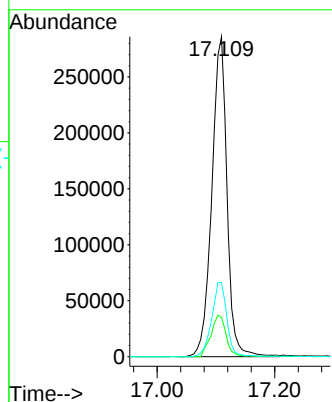
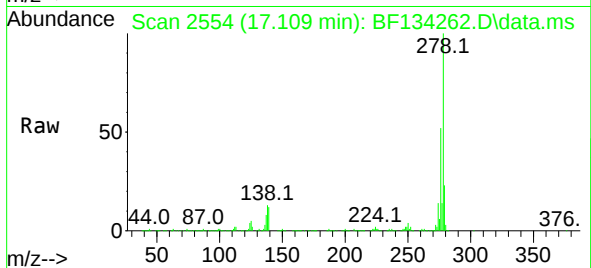
PB153397BS

Tgt Ion:278 Resp: 51325
Ion Ratio Lower Upper
278 100
139 12.3 12.2 18.4
279 23.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#92
Benzo(g,h,i)perylene
Concen: 40.511 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.006 min
Lab File: BF134262.D
Acq: 13 Jul 2023 15:10

Tgt Ion:276 Resp: 502140
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 18.8 16.2 24.2

