

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136241.D
 Acq On : 28 Nov 2023 10:51
 Operator : CG\JU
 Sample : PB157023BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157023BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 28 11:40:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	146240	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	638841	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	326291	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	564035	20.000	ng	0.00
76) Chrysene-d12	13.986	240	260711	20.000	ng	0.00
86) Perylene-d12	15.468	264	267068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1419316	135.084	ng	0.01
7) Phenol-d6	6.445	99	1710270	130.183	ng	0.00
23) Nitrobenzene-d5	7.369	82	1055420	87.302	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	511852	128.310	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2169360	84.922	ng	0.00
79) Terphenyl-d14	12.933	244	1956292	86.554	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	164884	41.475	ng	96
3) Pyridine	3.434	79	359676	36.650	ng	99
4) n-Nitrosodimethylamine	3.398	42	215012	43.343	ng	# 96
6) Aniline	6.475	93	510655	41.125	ng	94
8) 2-Chlorophenol	6.592	128	531047	46.419	ng	95
9) Benzaldehyde	6.357	77	84148	11.492	ng	95
10) Phenol	6.463	94	653317	46.353	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	477196	46.152	ng	97
12) 1,3-Dichlorobenzene	6.745	146	559625	43.105	ng	98
13) 1,4-Dichlorobenzene	6.822	146	575401	43.597	ng	98
14) 1,2-Dichlorobenzene	6.975	146	538922	43.132	ng	98
15) Benzyl Alcohol	6.951	79	429564	46.636	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	642442	44.732	ng	100
17) 2-Methylphenol	7.063	107	420849	46.792	ng	99
18) Hexachloroethane	7.316	117	197070	42.569	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	357908	45.551	ng	97
20) 3+4-Methylphenols	7.216	107	524257	44.850	ng	95
22) Acetophenone	7.216	105	756091	45.064	ng	# 98
24) Nitrobenzene	7.386	77	526828	43.002	ng	100
25) Isophorone	7.628	82	974808	44.718	ng	99
26) 2-Nitrophenol	7.704	139	259680	49.748	ng	95
27) 2,4-Dimethylphenol	7.739	122	446312	64.961	ng	99
28) bis(2-Chloroethoxy)met...	7.839	93	590461	44.781	ng	99
29) 2,4-Dichlorophenol	7.939	162	428936	46.286	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	495453	43.668	ng	97
31) Naphthalene	8.104	128	1580723	44.022	ng	98
32) Benzoic acid	7.875	122	301333	48.124	ng	94
33) 4-Chloroaniline	8.157	127	424927	34.814	ng	98
34) Hexachlorobutadiene	8.222	225	270494	40.750	ng	98
35) Caprolactam	8.533	113	117480m	45.348	ng	
36) 4-Chloro-3-methylphenol	8.639	107	456519	45.421	ng	99
37) 2-Methylnaphthalene	8.798	142	978498	43.441	ng	98
38) 1-Methylnaphthalene	8.898	142	918304	41.792	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	464576	44.739	ng	99
41) Hexachlorocyclopentadiene	8.951	237	549242	137.459	ng	96
43) 2,4,6-Trichlorophenol	9.075	196	309233	45.880	ng	96

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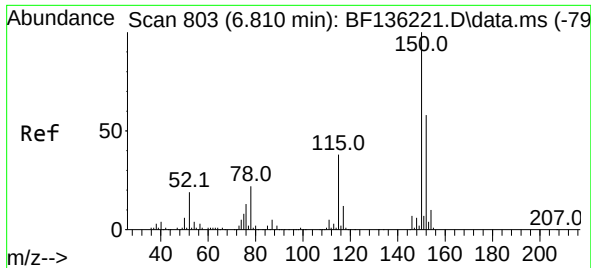
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	319296	43.410	ng	97
46) 1,1'-Biphenyl	9.263	154	1293145	44.941	ng	98
47) 2-Chloronaphthalene	9.286	162	965242	43.196	ng	98
48) 2-Nitroaniline	9.386	65	265865	45.571	ng	97
49) Acenaphthylene	9.704	152	1457349	45.701	ng	100
50) Dimethylphthalate	9.575	163	1101556	44.667	ng	99
51) 2,6-Dinitrotoluene	9.633	165	225968	44.851	ng	94
52) Acenaphthene	9.880	154	880184	43.678	ng	100
53) 3-Nitroaniline	9.798	138	181730	36.353	ng	99
54) 2,4-Dinitrophenol	9.910	184	227720	97.183	ng	91
55) Dibenzofuran	10.051	168	1331692	44.410	ng	100
56) 4-Nitrophenol	9.969	139	316728	83.420	ng	# 84
57) 2,4-Dinitrotoluene	10.039	165	298561	44.363	ng	97
58) Fluorene	10.392	166	1016567	43.219	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	270049	46.144	ng	99
60) Diethylphthalate	10.274	149	1065266	43.182	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	499718	43.748	ng	96
62) 4-Nitroaniline	10.422	138	191320	39.098	ng	98
63) Azobenzene	10.551	77	989828	43.280	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	151148	49.004	ng	88
66) n-Nitrosodiphenylamine	10.510	169	870523	48.161	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	309069	46.968	ng	95
68) Hexachlorobenzene	10.939	284	348554	45.767	ng	# 90
69) Atrazine	11.039	200	163791	30.547	ng	100
70) Pentachlorophenol	11.139	266	357053	82.940	ng	96
71) Phenanthrene	11.363	178	1482016	46.749	ng	100
72) Anthracene	11.410	178	1490462	46.883	ng	99
73) Carbazole	11.569	167	1134867	41.973	ng	99
74) Di-n-butylphthalate	11.904	149	1493045	44.133	ng	99
75) Fluoranthene	12.551	202	1288999	40.053	ng	97
77) Benzidine	12.674	184	166284	38.800	ng	99
78) Pyrene	12.780	202	1271120	44.519	ng	99
80) Butylbenzylphthalate	13.410	149	407804	45.892	ng	99
81) Benzo(a)anthracene	13.974	228	886164	45.762	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	260462	55.876	ng	97
83) Chrysene	14.015	228	863902	46.204	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	525221	49.249	ng	99
85) Di-n-octyl phthalate	14.598	149	951650	54.197	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	914722	45.943	ng	100
88) Benzo(b)fluoranthene	15.033	252	933184	49.804	ng	99
89) Benzo(k)fluoranthene	15.062	252	823704	46.286	ng	98
90) Benzo(a)pyrene	15.404	252	745155	48.648	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	752129	47.003	ng	99
92) Benzo(g,h,i)perylene	17.433	276	727346	45.349	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136241.D
 Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

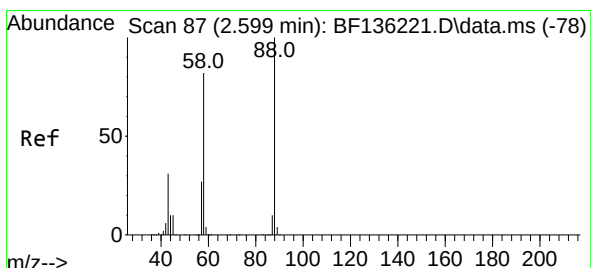
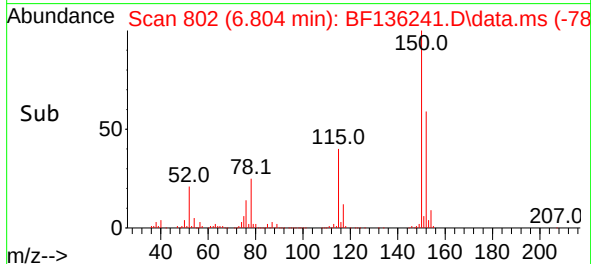
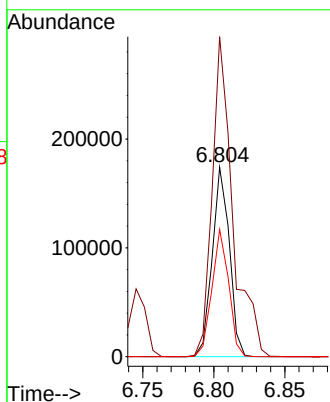
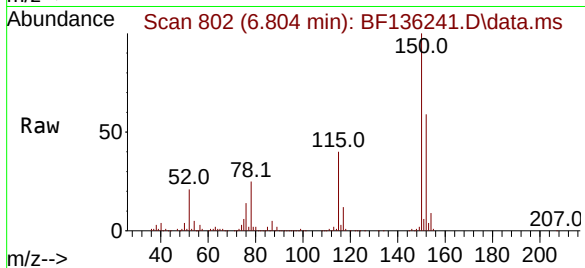
PB157023BS

Tgt Ion:152 Resp: 146240
 Ion Ratio Lower Upper
 152 100
 150 169.0 137.8 206.8
 115 67.2 52.7 79.1

Manual Integrations

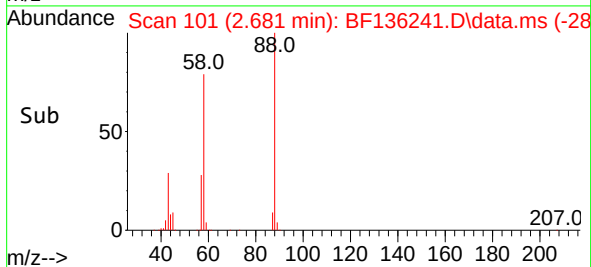
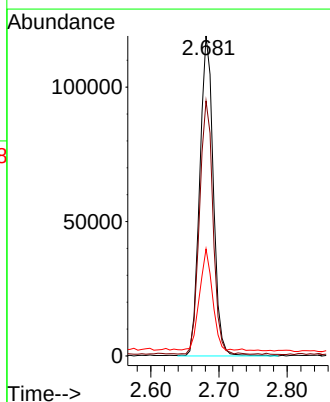
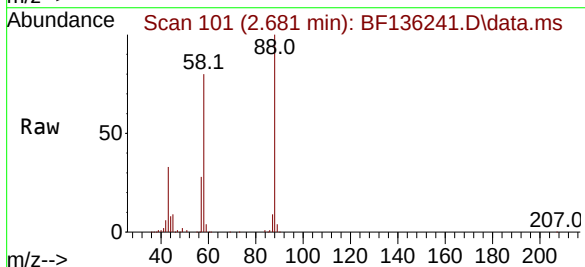
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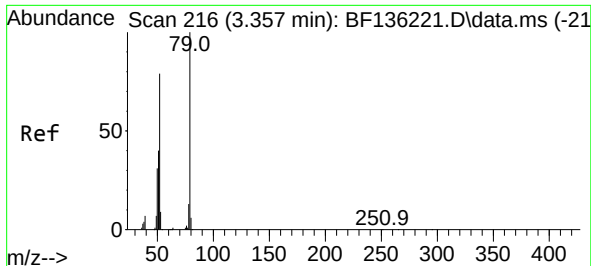
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023



#2
 1,4-Dioxane
 Concen: 41.475 ng
 RT: 2.681 min Scan# 101
 Delta R.T. 0.082 min
 Lab File: BF136241.D
 Acq: 28 Nov 2023 10:51

Tgt Ion: 88 Resp: 164884
 Ion Ratio Lower Upper
 88 100
 58 78.7 65.9 98.9
 43 29.8 24.8 37.2





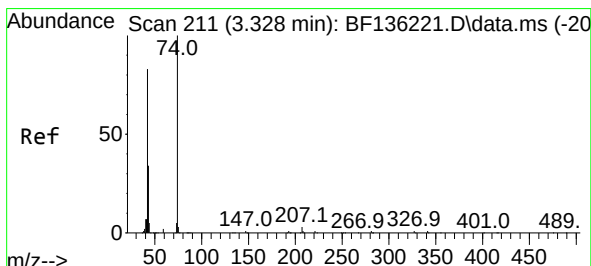
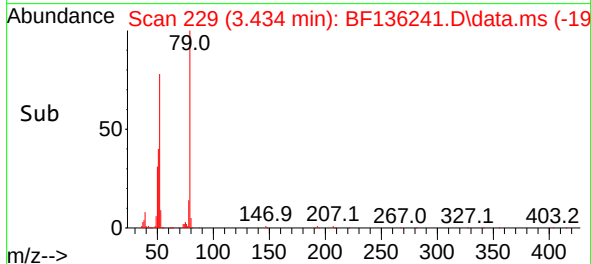
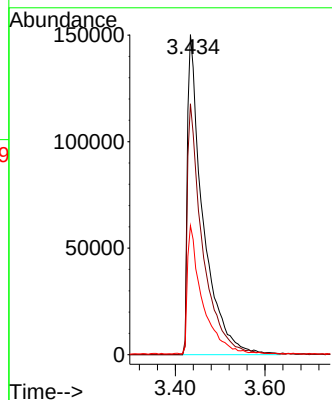
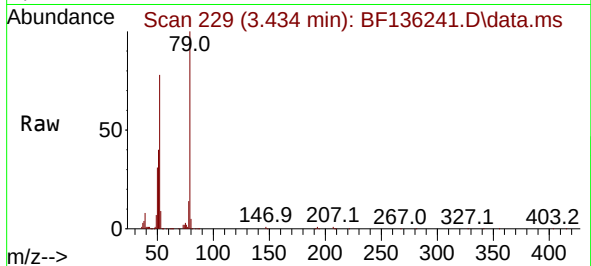
#3
Pyridine
Concen: 36.650 ng
RT: 3.434 min Scan# 216
Delta R.T. 0.076 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :
BNA_F
ClientSampleId :
PB157023BS

Tgt Ion: 79 Resp: 359670
Ion Ratio Lower Upper
79 100
52 78.4 63.2 94.8
51 40.3 32.6 49.0

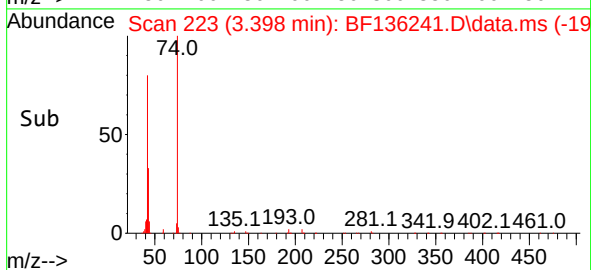
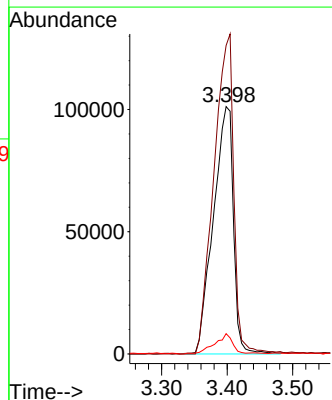
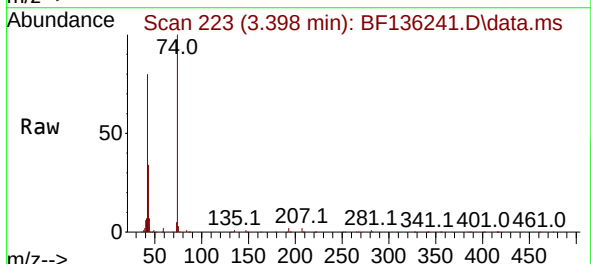
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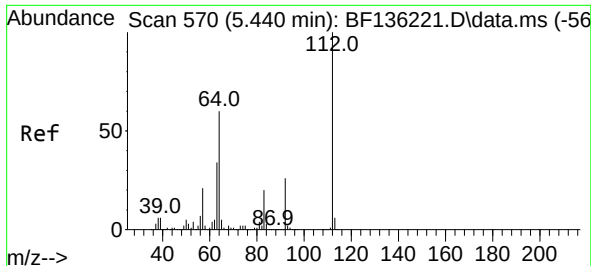
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#4
n-Nitrosodimethylamine
Concen: 43.343 ng
RT: 3.398 min Scan# 223
Delta R.T. 0.071 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion: 42 Resp: 215012
Ion Ratio Lower Upper
42 100
74 124.7 96.6 144.8
44 8.2 5.4 8.2





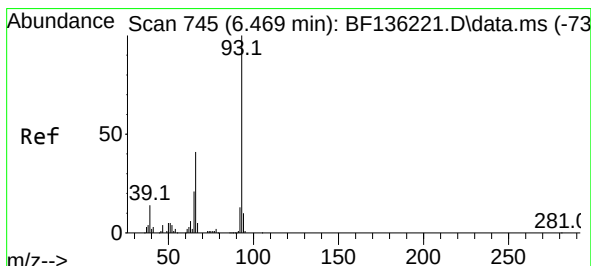
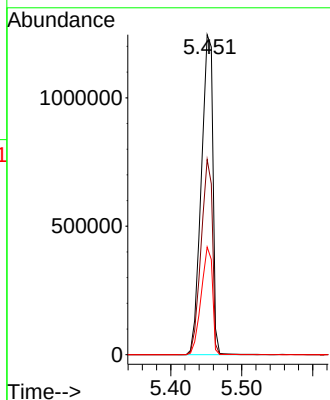
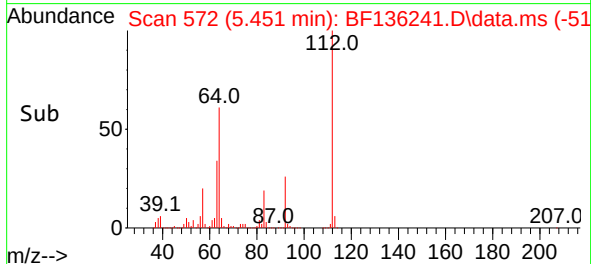
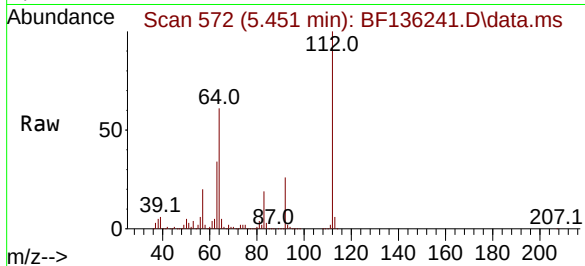
#5
2-Fluorophenol
Concen: 135.084 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :
BNA_F
ClientSampleId :
PB157023BS

Tgt Ion:112 Resp: 1419310
Ion Ratio Lower Upper
112 100
64 61.0 48.2 72.4
63 33.6 27.0 40.6

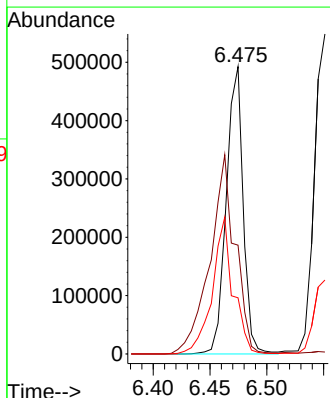
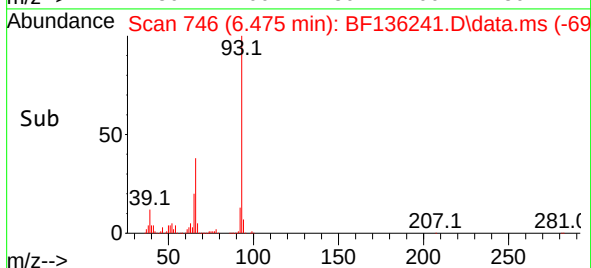
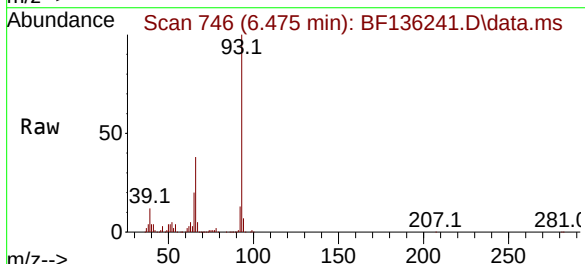
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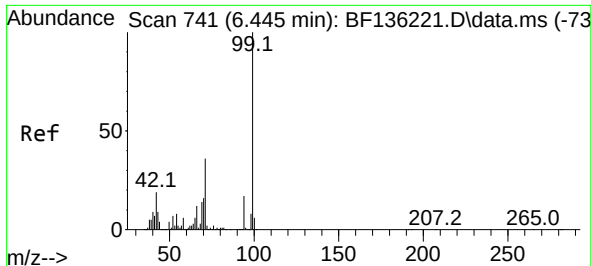
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#6
Aniline
Concen: 41.125 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

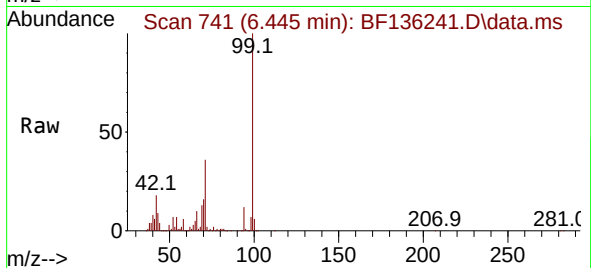
Tgt Ion: 93 Resp: 510655
Ion Ratio Lower Upper
93 100
66 37.8 34.1 51.1
65 19.5 17.3 25.9





#7
Phenol-d6
Concen: 130.183 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

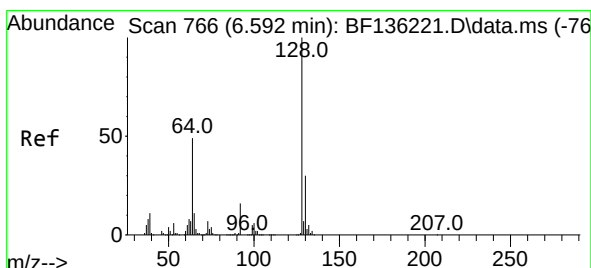
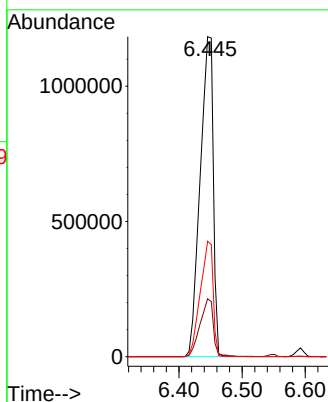
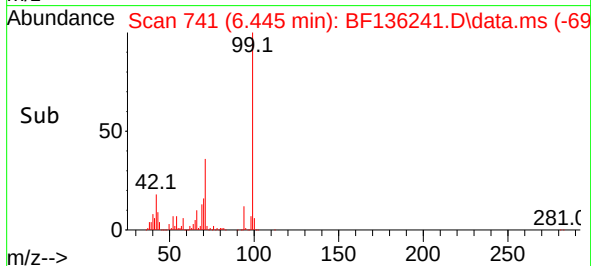
Instrument :
BNA_F
ClientSampleId :
PB157023BS



Tgt Ion: 99 Resp: 1710270
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.6
71 36.1 28.9 43.3

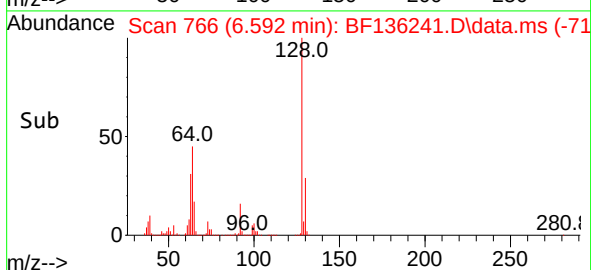
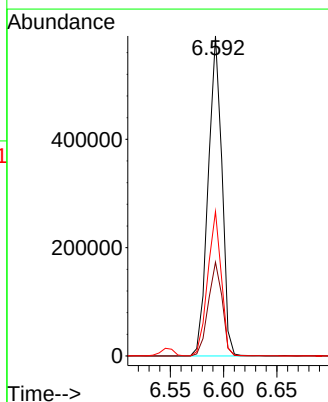
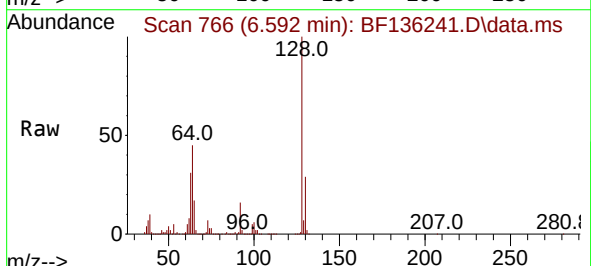
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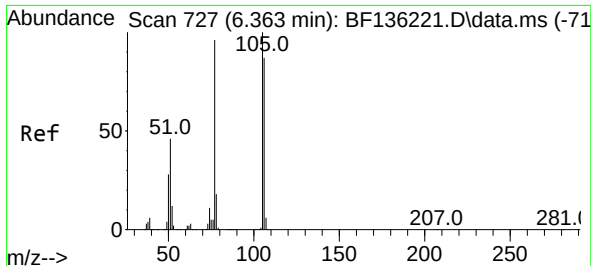
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#8
2-Chlorophenol
Concen: 46.419 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

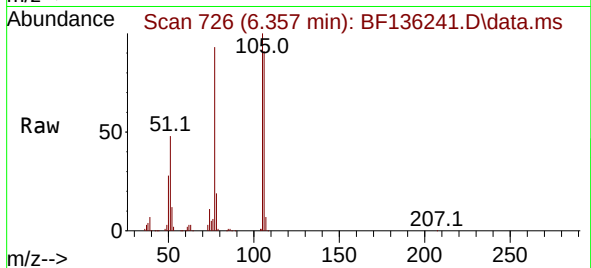
Tgt Ion:128 Resp: 531047
Ion Ratio Lower Upper
128 100
130 29.3 10.3 50.3
64 45.1 30.0 70.0





#9
Benzaldehyde
Concen: 11.492 ng
RT: 6.357 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

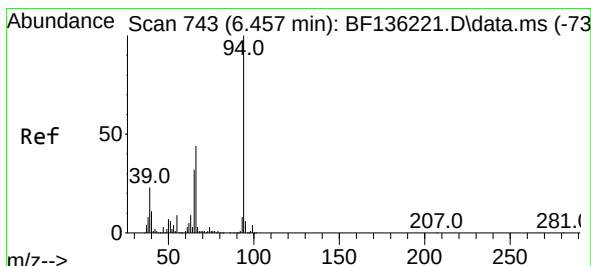
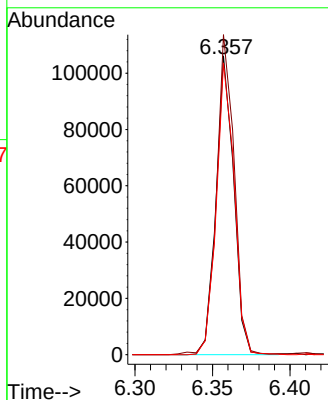
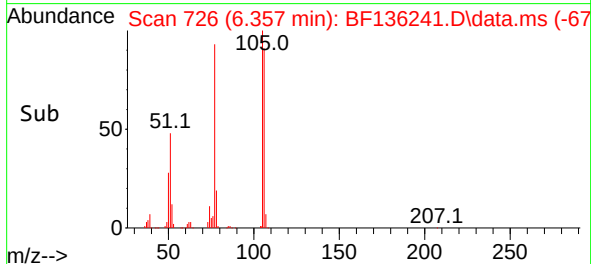
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BNA_F
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PB157023BS



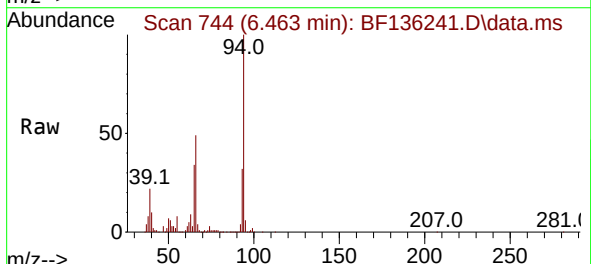
Tgt Ion: 77 Resp: 84148
Ion Ratio Lower Upper
77 100
105 107.1 84.3 124.3
106 97.6 71.0 111.0

Manual Integrations
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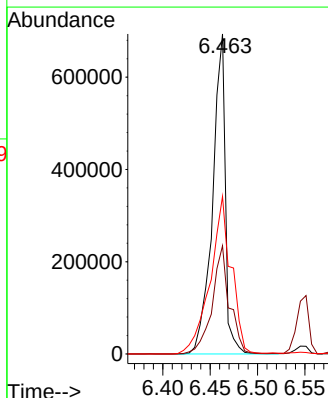
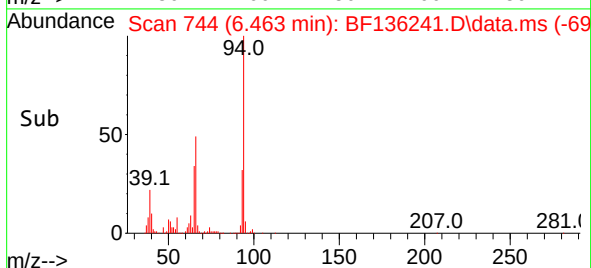
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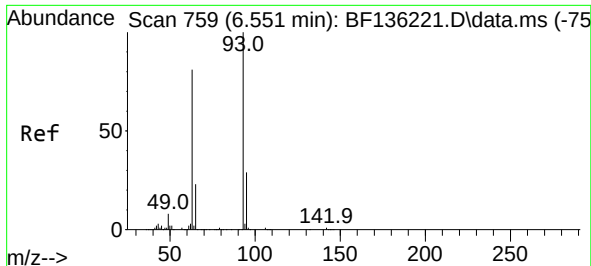


#10
Phenol
Concen: 46.353 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136241.D
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Tgt Ion: 94 Resp: 653317
Ion Ratio Lower Upper
94 100
65 33.8 12.5 52.5
66 49.2 24.1 64.1





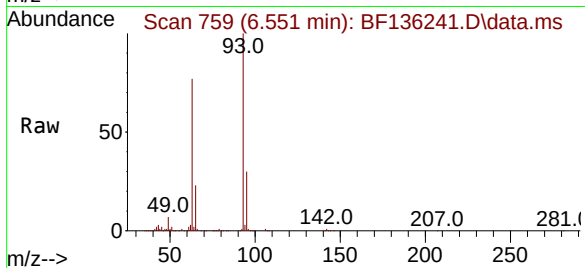
#11
bis(2-Chloroethyl)ether
Concen: 46.152 ng
RT: 6.551 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

PB157023BS

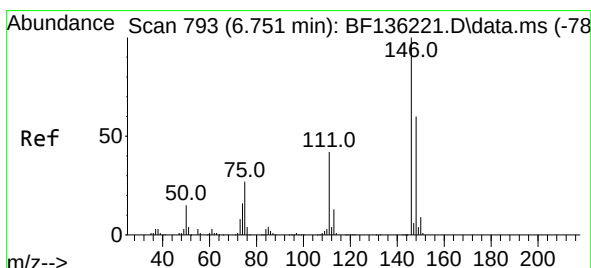
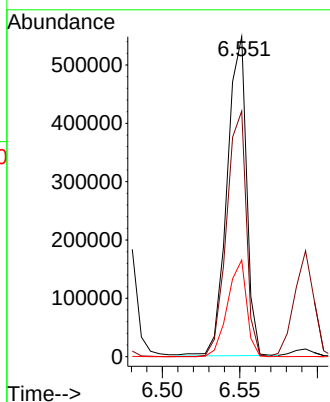
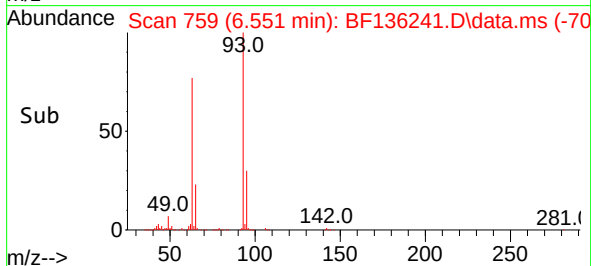


Tgt Ion: 93 Resp: 477190
Ion Ratio Lower Upper
93 100
63 76.8 60.2 100.2
95 30.2 9.1 49.1

Manual Integrations

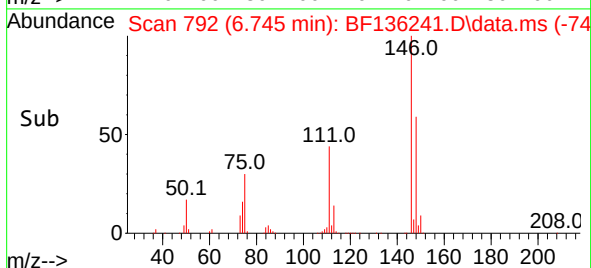
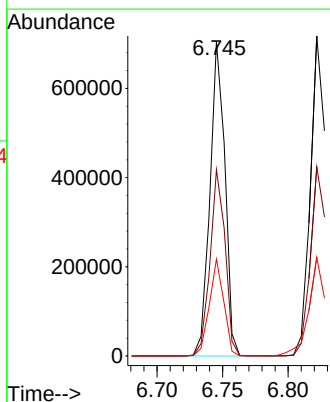
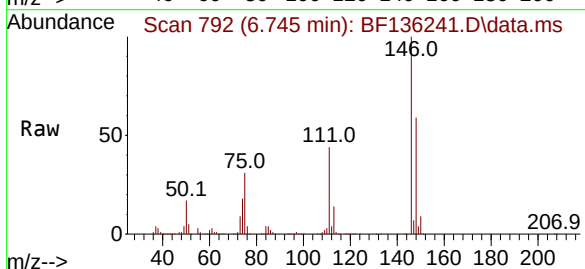
APPROVED

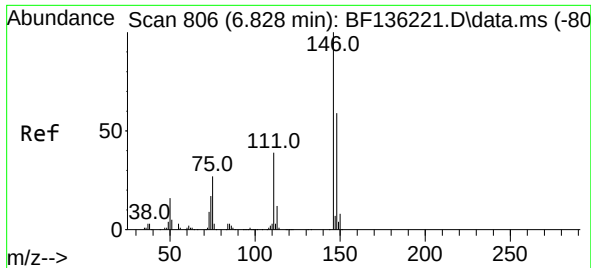
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#12
1,3-Dichlorobenzene
Concen: 43.105 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:146 Resp: 559625
Ion Ratio Lower Upper
146 100
148 59.2 47.8 71.6
75 30.8 22.0 33.0





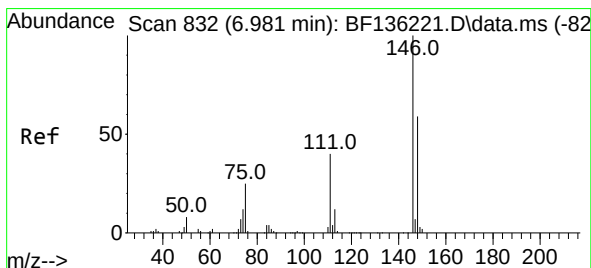
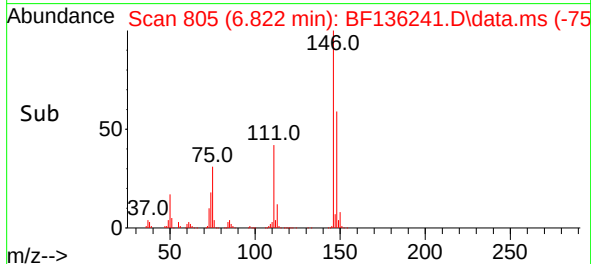
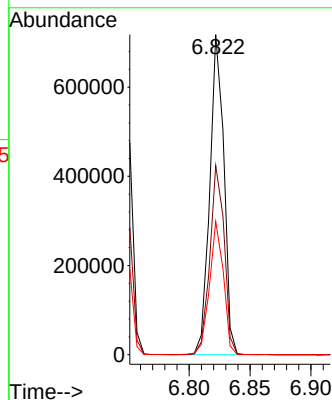
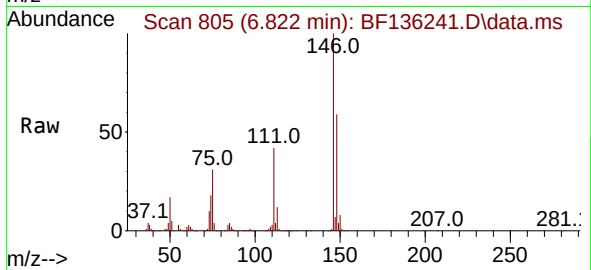
#13
1,4-Dichlorobenzene
Concen: 43.597 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :
BNA_F
ClientSampleId :
PB157023BS

Tgt Ion:146 Resp: 57540
Ion Ratio Lower Upper
146 100
148 59.1 47.0 70.6
111 41.6 31.5 47.3

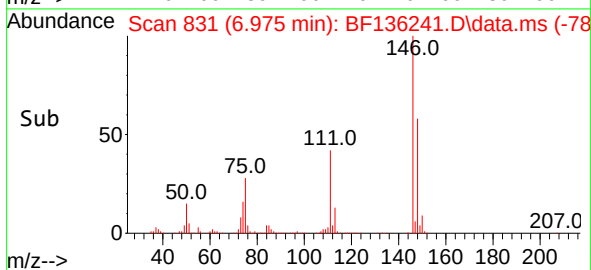
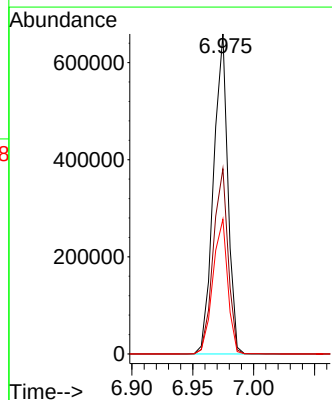
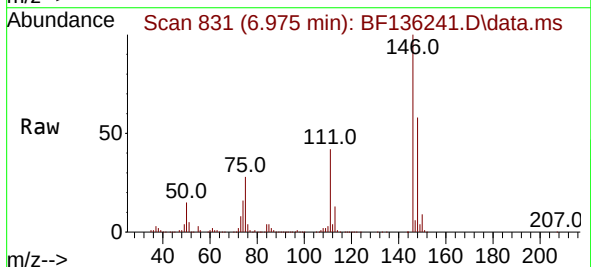
Manual Integrations
APPROVED

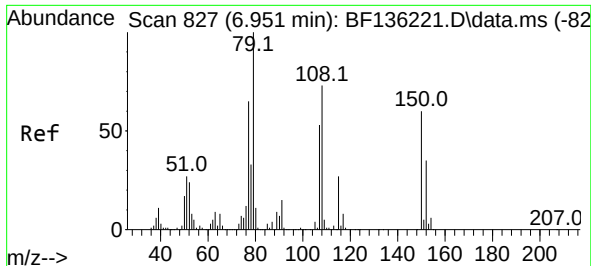
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#14
1,2-Dichlorobenzene
Concen: 43.132 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

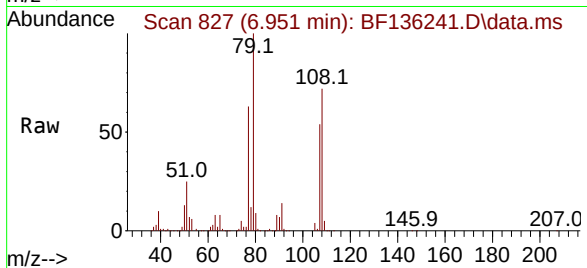
Tgt Ion:146 Resp: 538922
Ion Ratio Lower Upper
146 100
148 57.9 47.3 70.9
111 42.1 32.4 48.6





#15
Benzyl Alcohol
Concen: 46.636 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

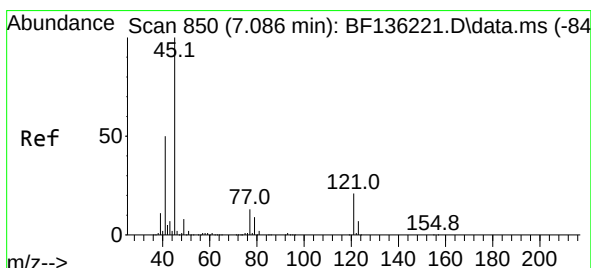
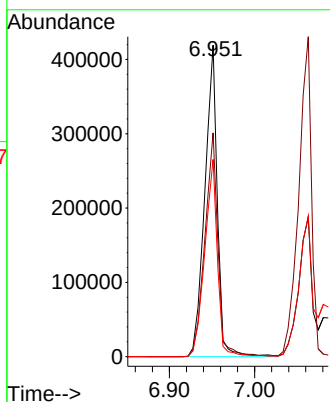
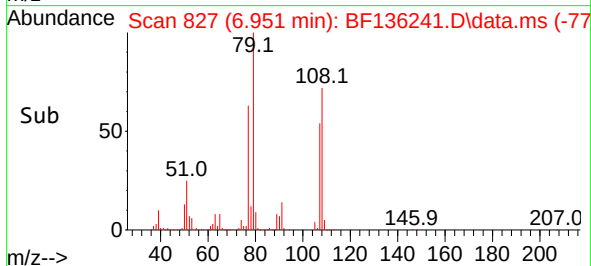
Instrument :
BNA_F
ClientSampleId :
PB157023BS



Tgt Ion: 79 Resp: 429564
Ion Ratio Lower Upper
79 100
108 71.9 58.1 87.1
77 63.3 51.8 77.8

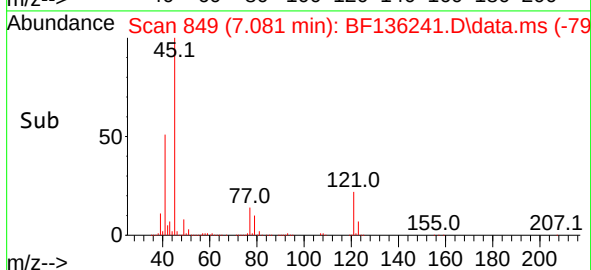
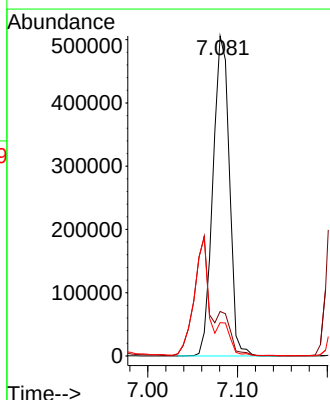
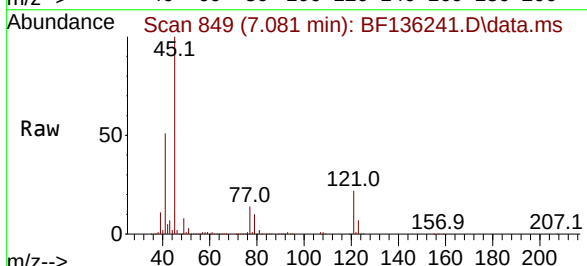
Manual Integrations
APPROVED

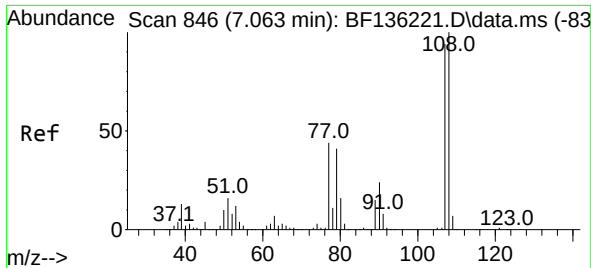
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.732 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion: 45 Resp: 642442
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.0
79 10.4 0.0 30.1





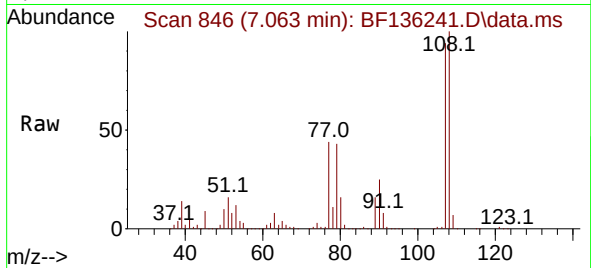
#17
2-Methylphenol
Concen: 46.792 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

PB157023BS

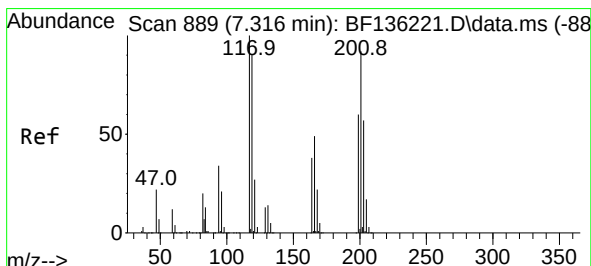
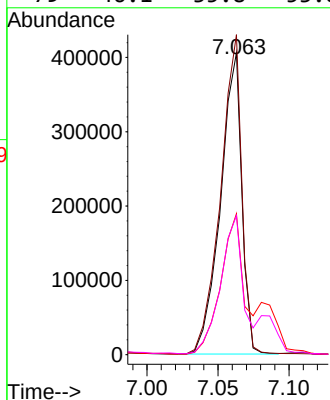
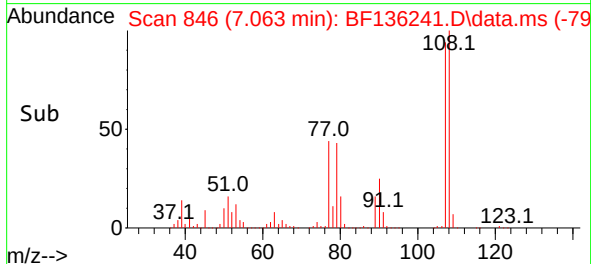


Tgt Ion:107 Resp: 420849
Ion Ratio Lower Upper
107 100
108 106.0 85.4 128.0
77 46.7 37.4 56.2
79 46.1 35.8 53.8

Manual Integrations

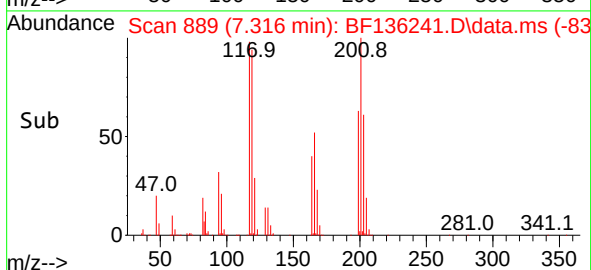
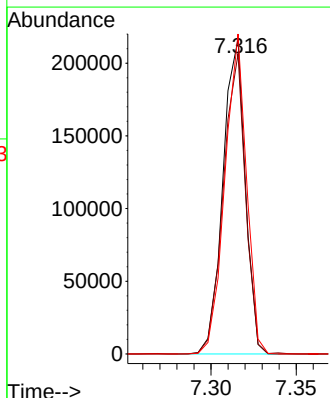
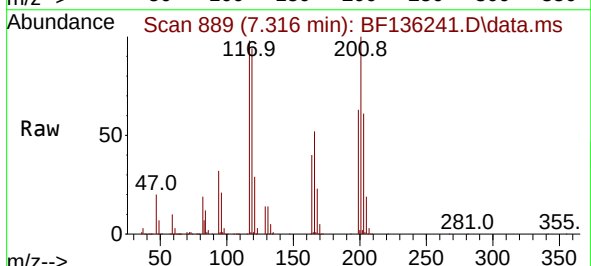
APPROVED

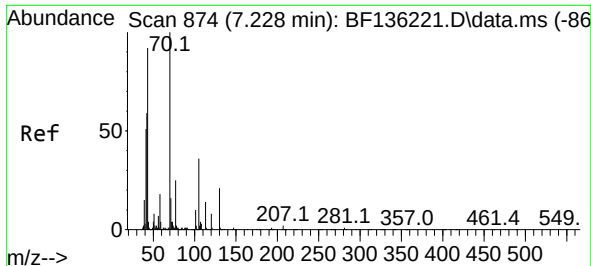
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 42.569 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:117 Resp: 197070
Ion Ratio Lower Upper
117 100
119 95.4 71.6 107.4
201 101.7 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 45.551 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

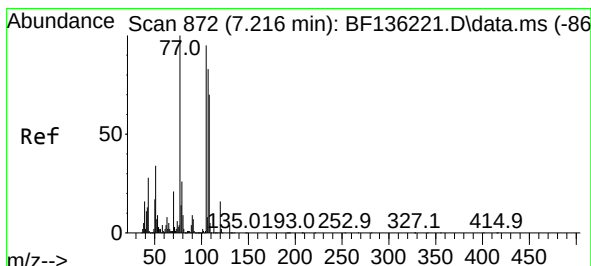
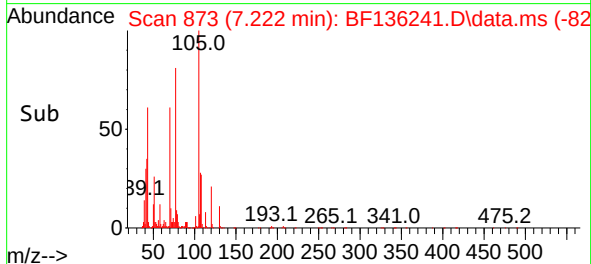
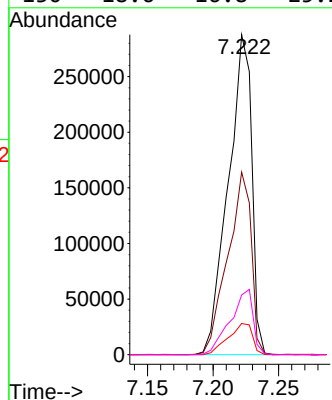
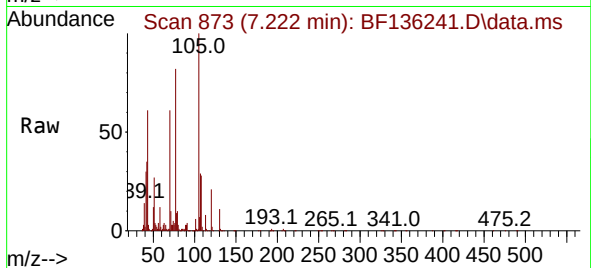
PB157023BS

Tgt Ion: 70 Resp: 357908
Ion Ratio Lower Upper
70 100
42 57.1 47.0 70.4
101 9.8 7.8 11.8
130 18.6 16.8 25.2

Manual Integrations

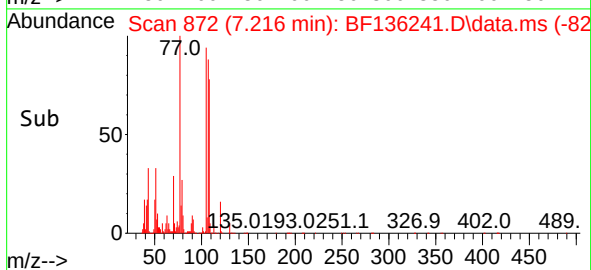
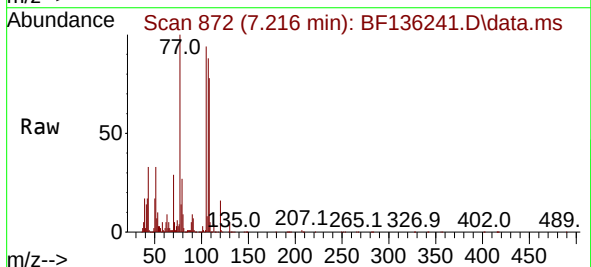
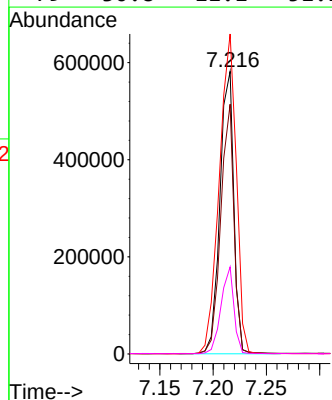
APPROVED

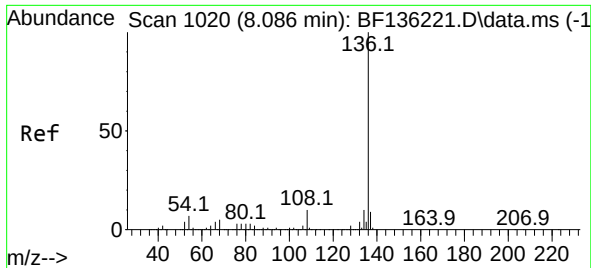
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#20
3+4-Methylphenols
Concen: 44.850 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:107 Resp: 524257
Ion Ratio Lower Upper
107 100
108 88.4 63.9 103.9
77 113.3 100.2 140.2
79 30.8 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

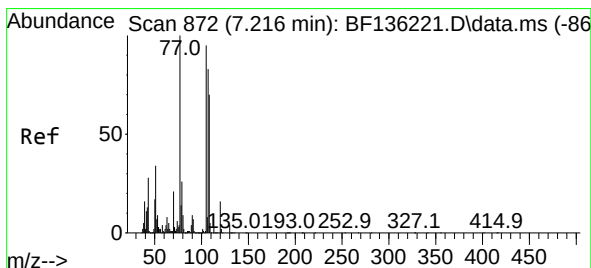
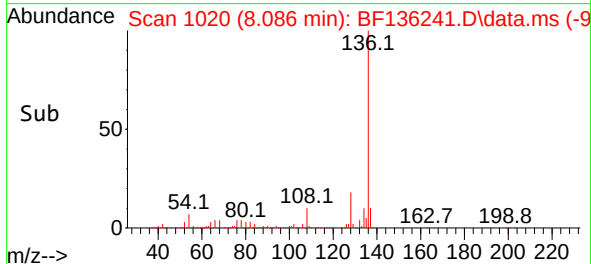
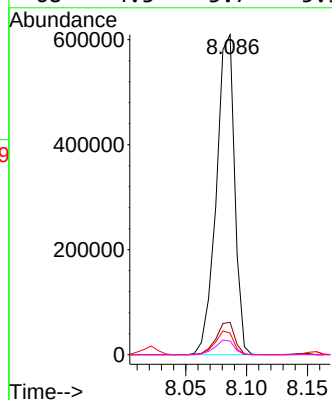
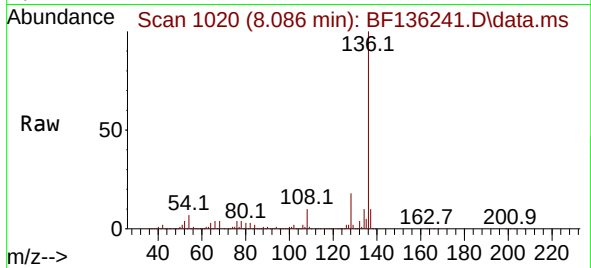
PB157023BS

Tgt Ion:136 Resp: 63884
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 6.8 5.5 8.3
68 4.3 3.7 5.5

Manual Integrations

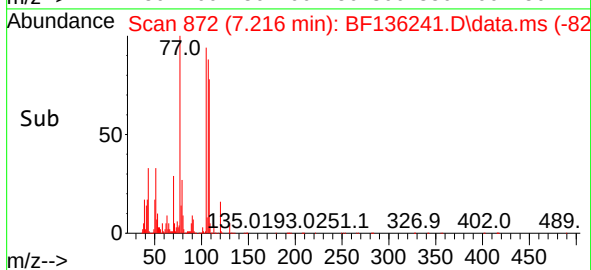
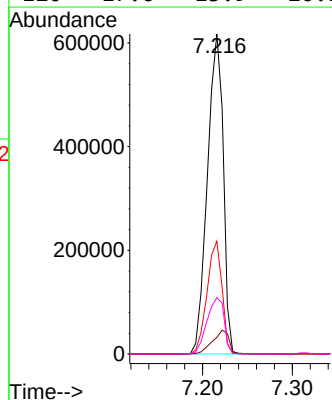
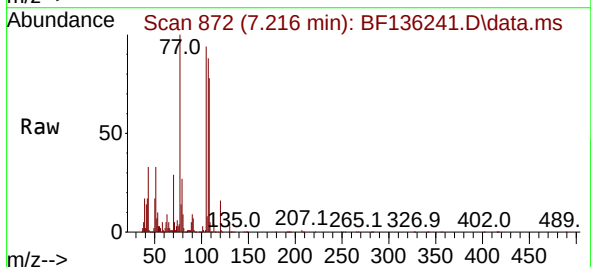
APPROVED

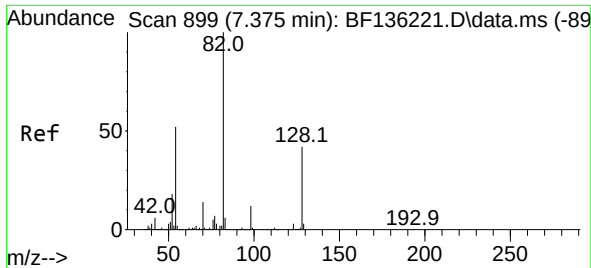
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 45.064 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:105 Resp: 756091
Ion Ratio Lower Upper
105 100
71 5.2 2.8 4.2#
51 35.3 29.0 43.6
120 17.6 13.9 20.9





#23

Nitrobenzene-d5

Concen: 87.302 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

PB157023BS

Tgt Ion: 82 Resp: 1055420

Ion Ratio Lower Upper

82 100

128 40.9 33.4 50.2

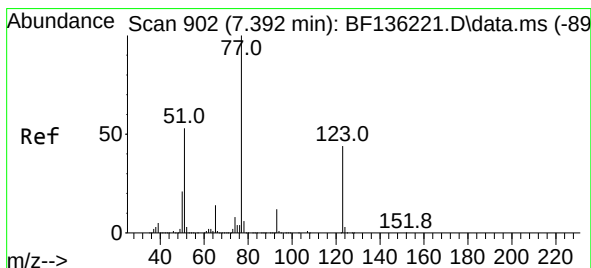
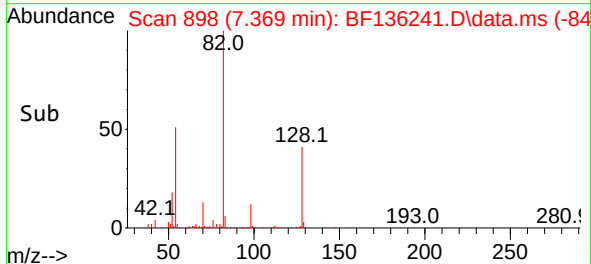
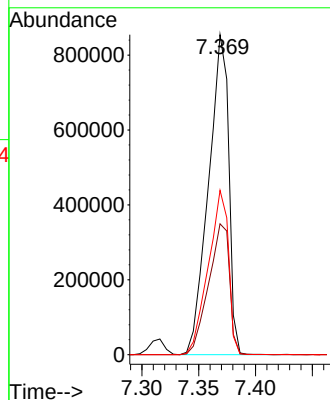
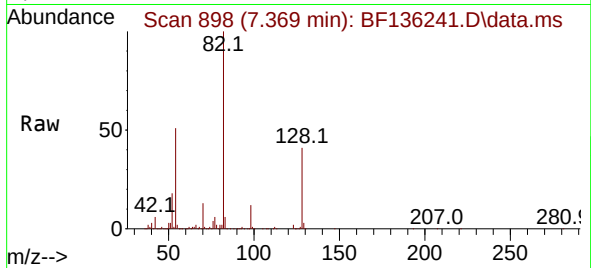
54 51.4 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#24

Nitrobenzene

Concen: 43.002 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

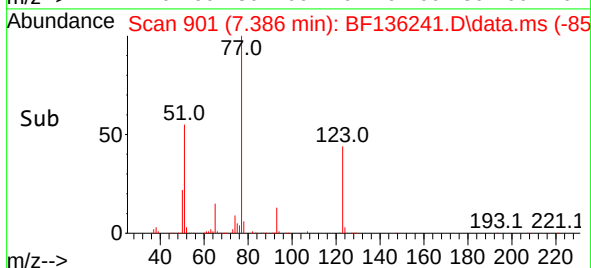
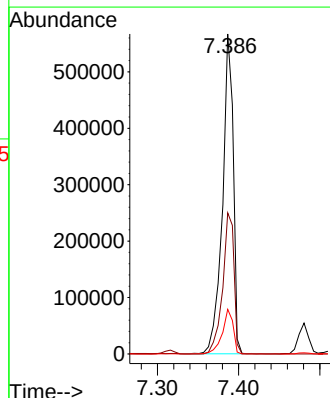
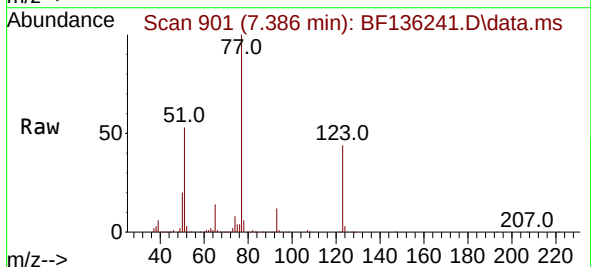
Tgt Ion: 77 Resp: 526828

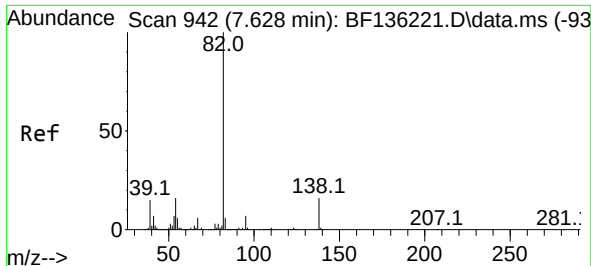
Ion Ratio Lower Upper

77 100

123 44.1 35.4 53.2

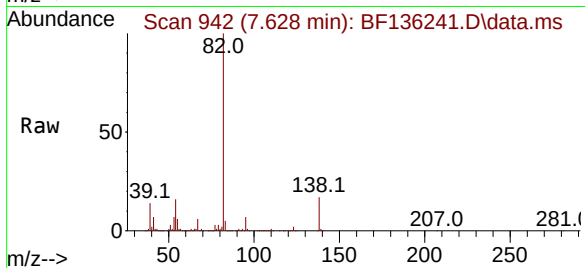
65 14.0 11.0 16.6





#25
Isophorone
Concen: 44.718 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

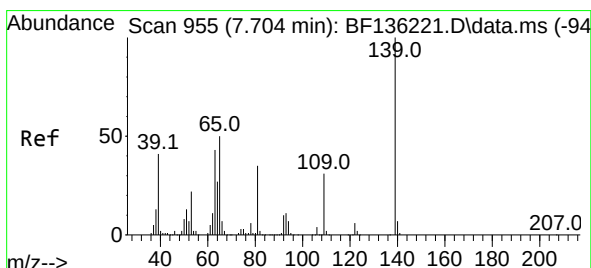
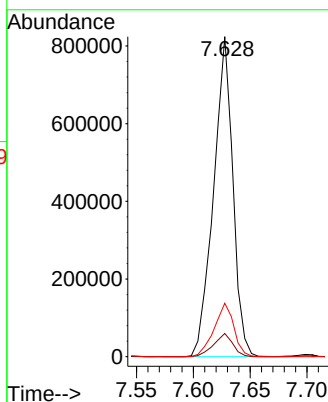
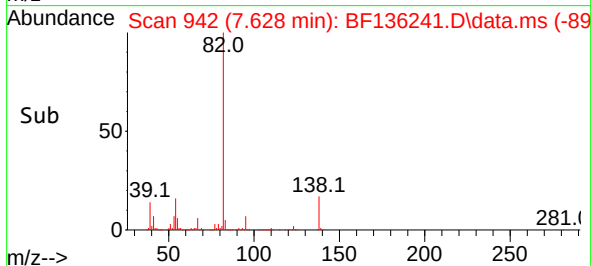
Instrument :
BNA_F
ClientSampleId :
PB157023BS



Tgt Ion: 82 Resp: 974808
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.7 12.8 19.2

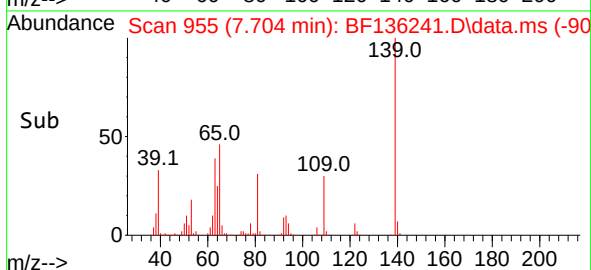
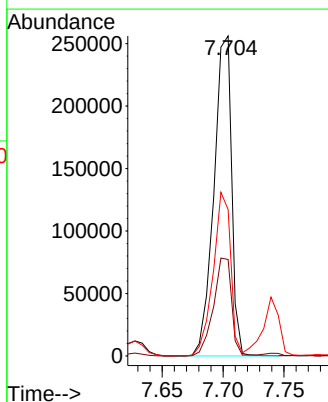
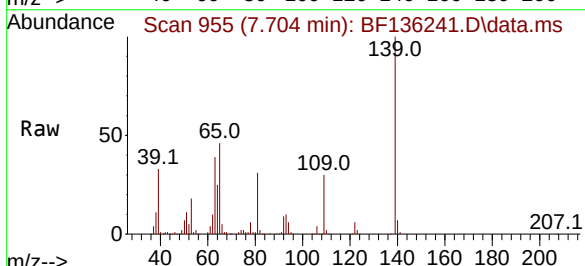
Manual Integrations
APPROVED

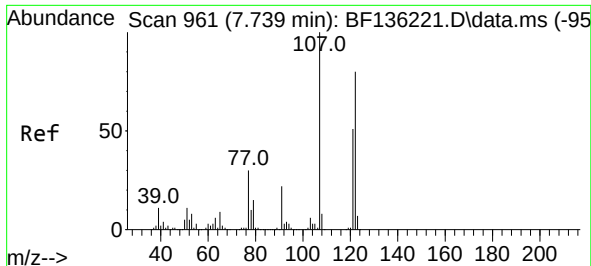
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#26
2-Nitrophenol
Concen: 49.748 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:139 Resp: 259680
Ion Ratio Lower Upper
139 100
109 30.2 25.0 37.6
65 45.8 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 64.961 ng

RT: 7.739 min Scan# 961

Delta R.T. -0.000 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

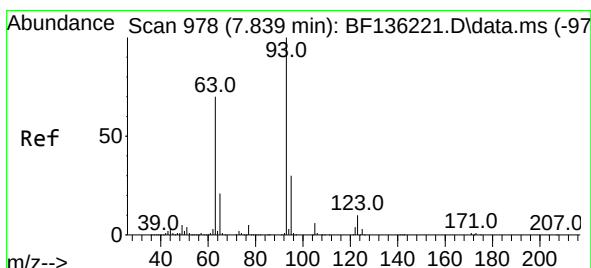
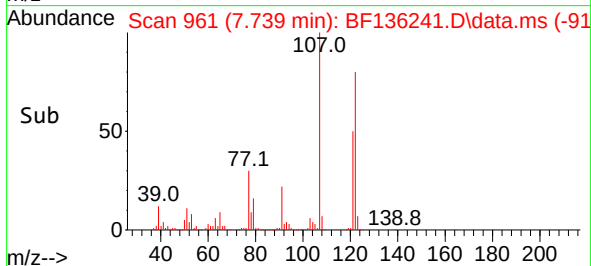
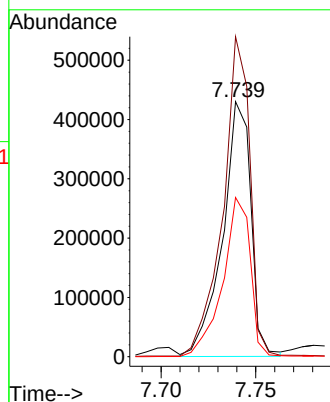
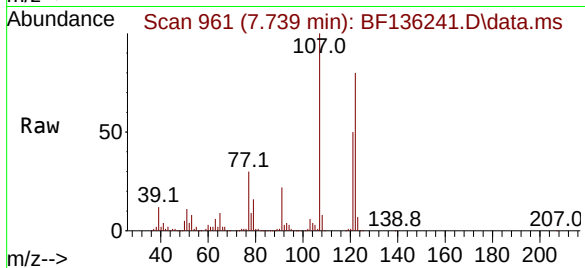
PB157023BS

Tgt Ion:122 Resp: 446312
 Ion Ratio Lower Upper
 122 100
 107 125.4 100.0 150.0
 121 62.4 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.781 ng

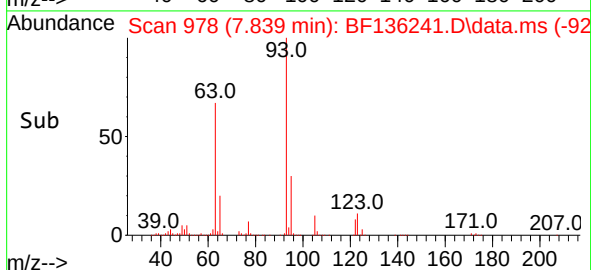
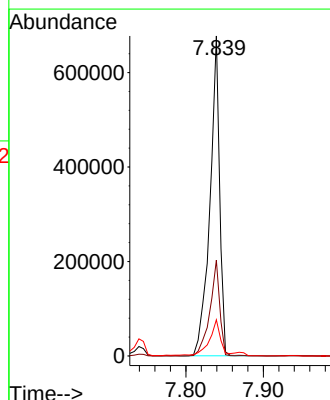
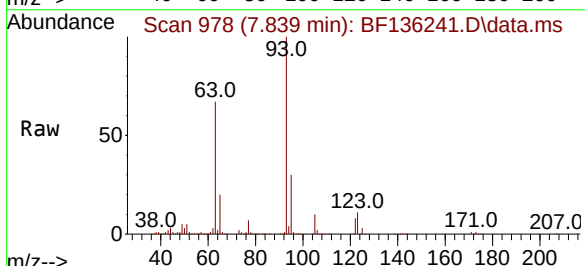
RT: 7.839 min Scan# 978

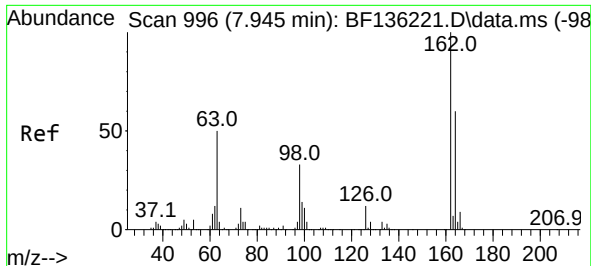
Delta R.T. -0.000 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

Tgt Ion: 93 Resp: 590461
 Ion Ratio Lower Upper
 93 100
 95 30.0 23.8 35.6
 123 11.3 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 46.286 ng

RT: 7.939 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

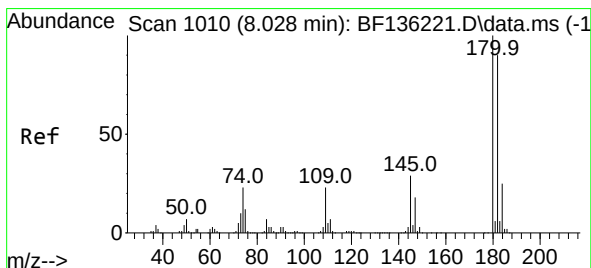
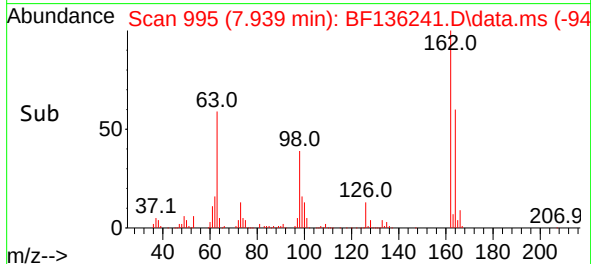
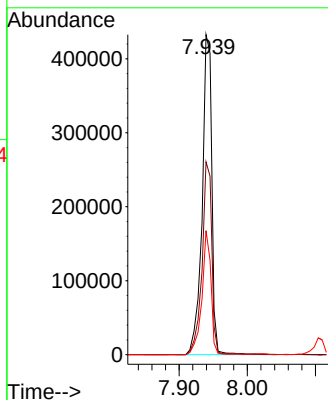
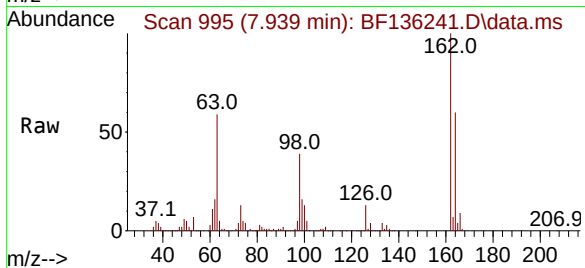
PB157023BS

Tgt Ion:162 Resp: 428930
 Ion Ratio Lower Upper
 162 100
 164 60.2 40.3 80.3
 98 38.8 13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.668 ng

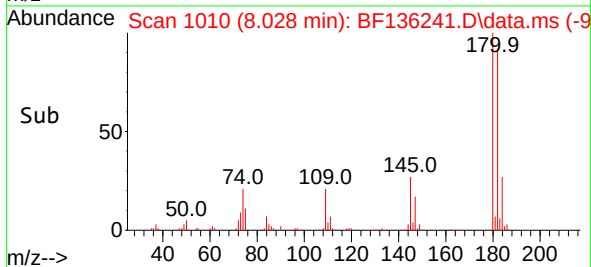
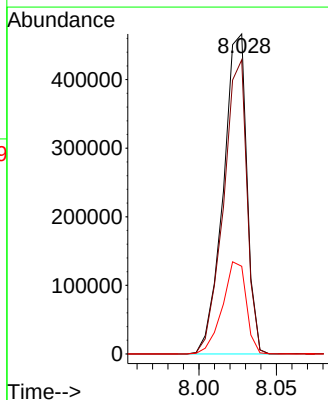
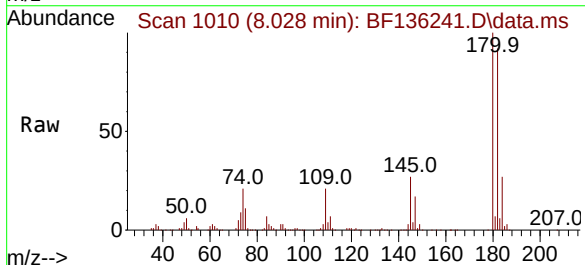
RT: 8.028 min Scan# 1010

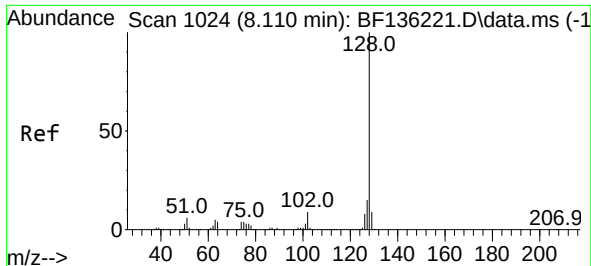
Delta R.T. -0.000 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

Tgt Ion:180 Resp: 495453
 Ion Ratio Lower Upper
 180 100
 182 91.9 71.6 107.4
 145 27.4 23.0 34.4





#31
Naphthalene
Concen: 44.022 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

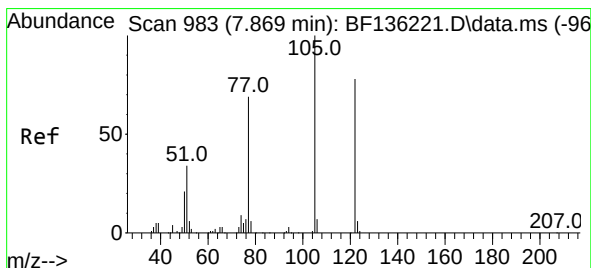
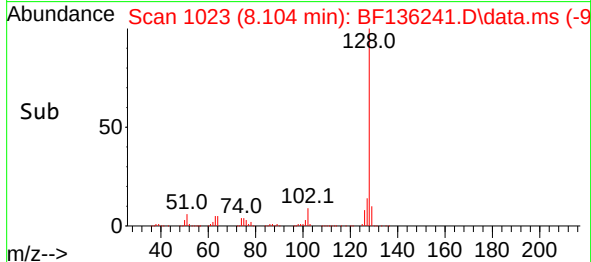
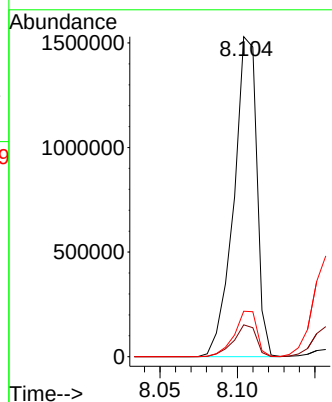
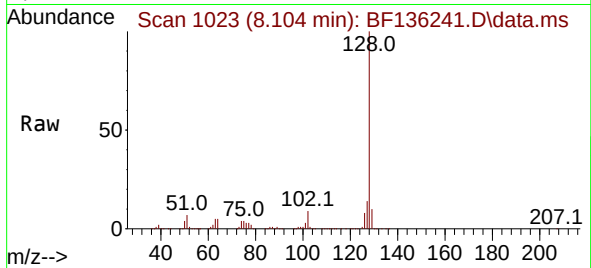
ClientSampleId :

PB157023BS

Tgt Ion:128 Resp: 158072
Ion Ratio Lower Upper
128 100
129 9.9 7.3 10.9
127 14.2 11.8 17.6

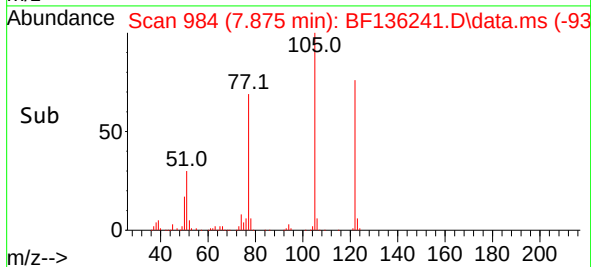
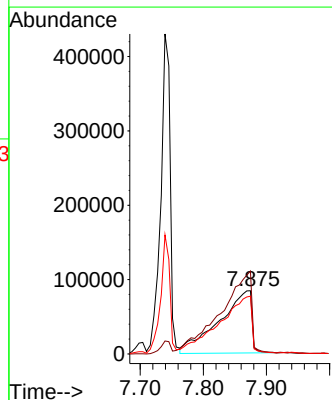
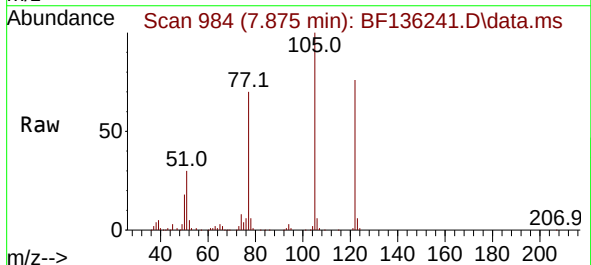
Manual Integrations
APPROVED

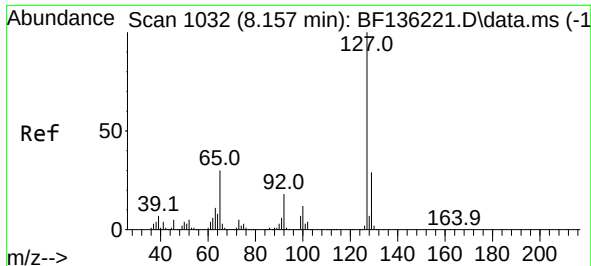
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 48.124 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:122 Resp: 301333
Ion Ratio Lower Upper
122 100
105 131.1 103.7 143.7
77 91.3 66.8 106.8





#33
4-Chloroaniline
Concen: 34.814 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

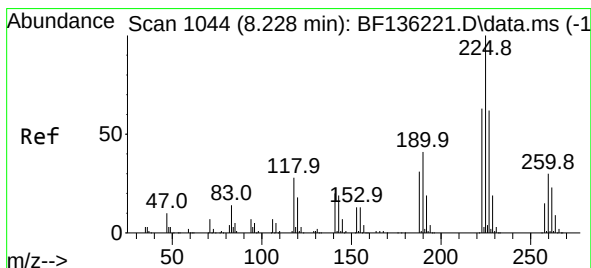
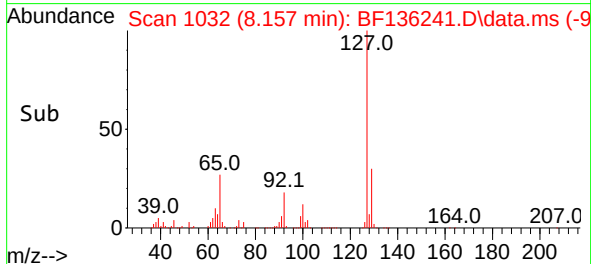
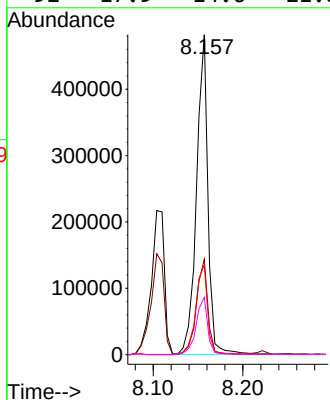
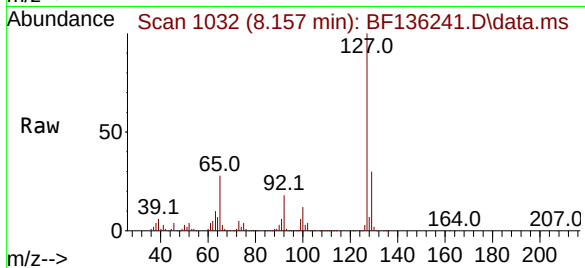
PB157023BS

Tgt Ion:127 Resp: 424927
Ion Ratio Lower Upper
127 100
129 29.9 23.4 35.2
65 28.1 23.8 35.6
92 17.9 14.6 21.8

Manual Integrations

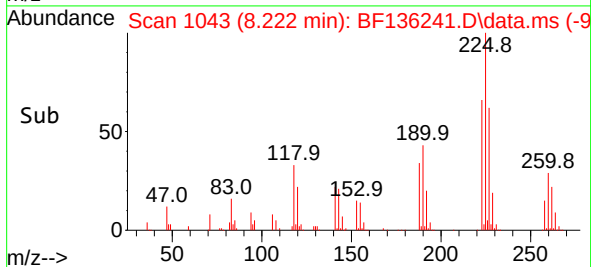
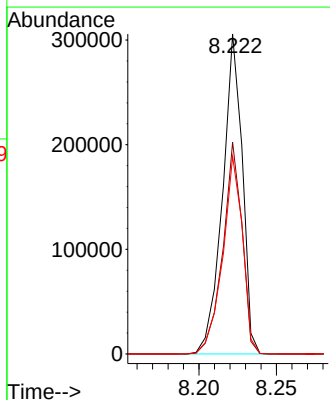
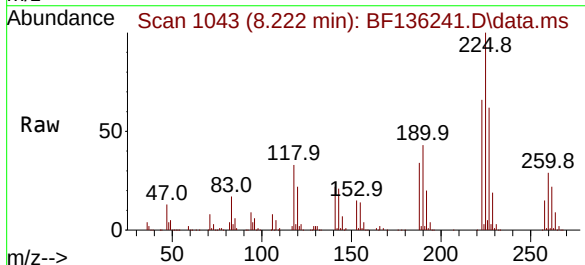
APPROVED

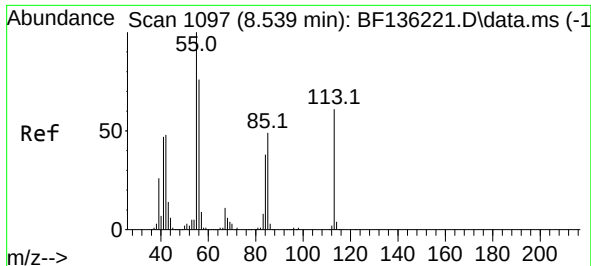
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 40.750 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

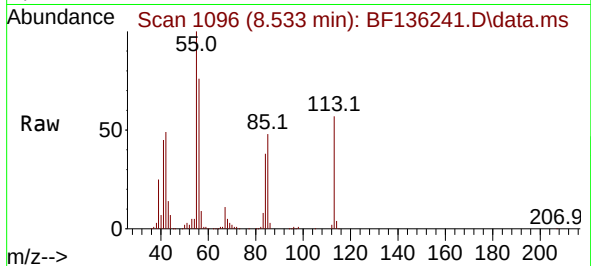
Tgt Ion:225 Resp: 270494
Ion Ratio Lower Upper
225 100
223 66.2 50.6 75.8
227 61.7 49.6 74.4





#35
Caprolactam
Concen: 45.348 ng m
RT: 8.533 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

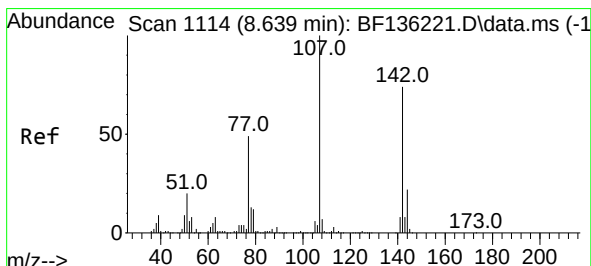
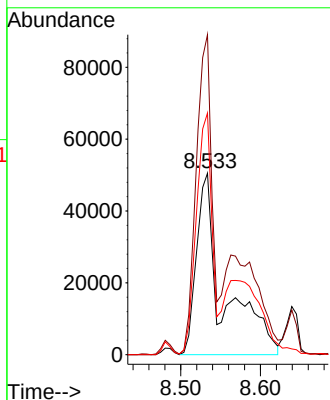
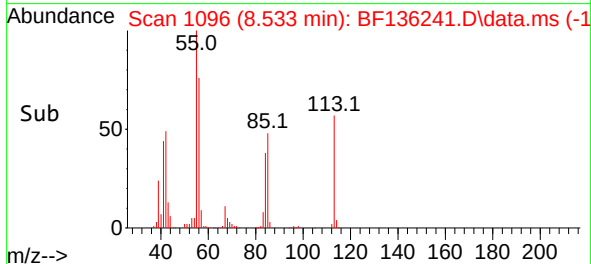
Instrument :
BNA_F
ClientSampleId :
PB157023BS



Tgt Ion:113 Resp: 117480
Ion Ratio Lower Upper
113 100
55 176.4 143.1 183.1
56 133.2 103.6 143.6

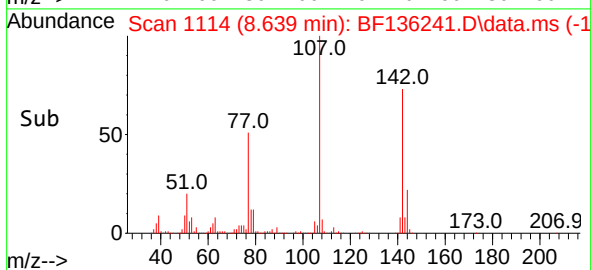
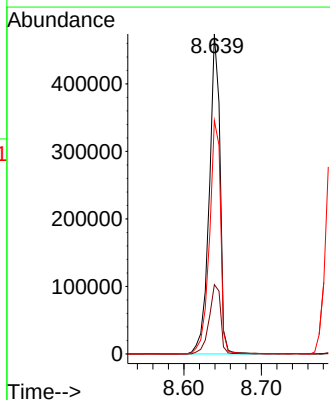
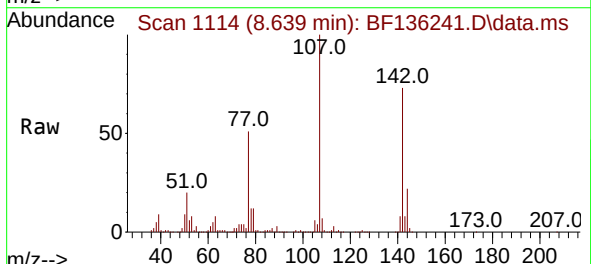
Manual Integrations
APPROVED

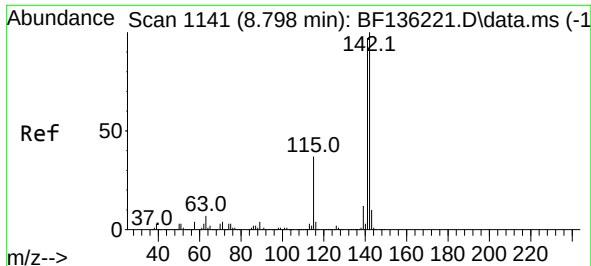
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#36
4-Chloro-3-methylphenol
Concen: 45.421 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:107 Resp: 456519
Ion Ratio Lower Upper
107 100
144 21.7 17.8 26.8
142 72.9 59.4 89.0





#37
2-Methylnaphthalene
Concen: 43.441 ng
RT: 8.798 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

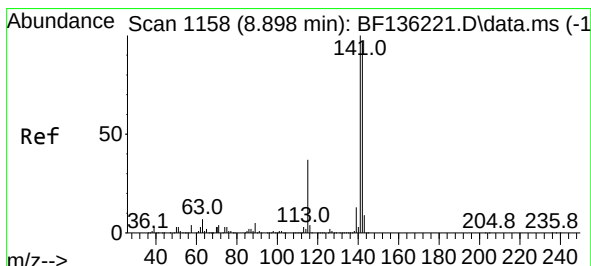
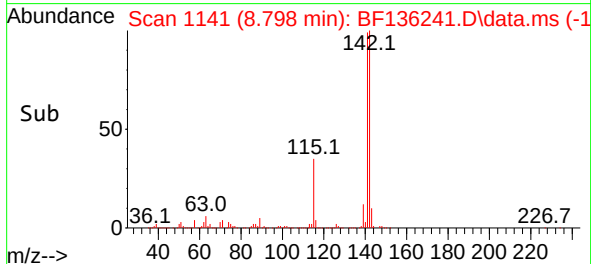
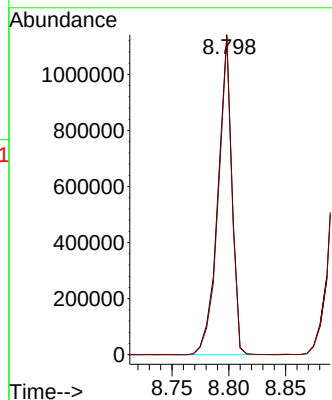
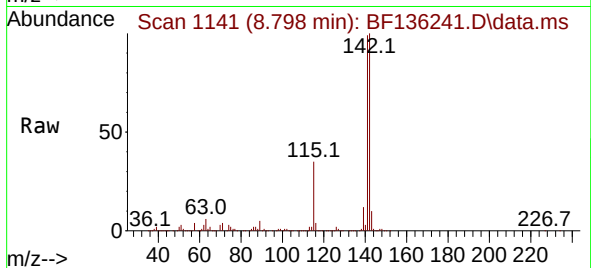
PB157023BS

Tgt Ion:142 Resp: 978498
Ion Ratio Lower Upper
142 100
141 99.2 77.8 116.8

Manual Integrations

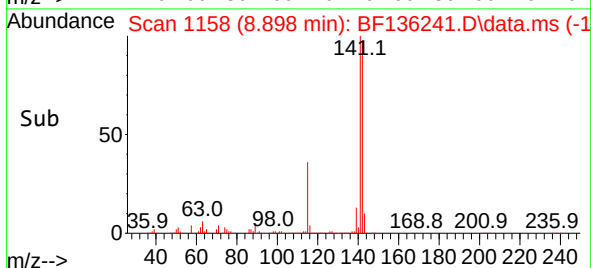
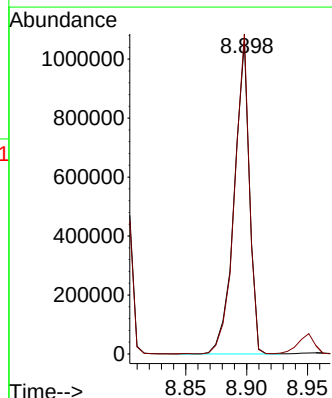
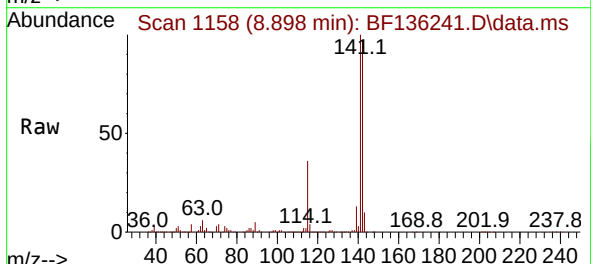
APPROVED

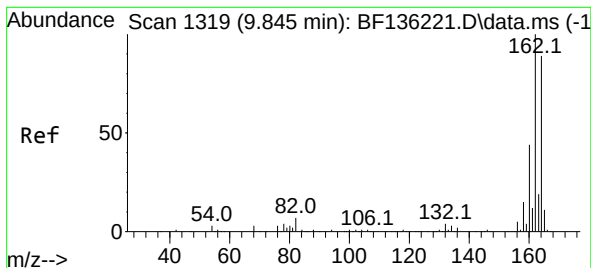
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 41.792 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:142 Resp: 918304
Ion Ratio Lower Upper
142 100
141 102.6 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF136241.D

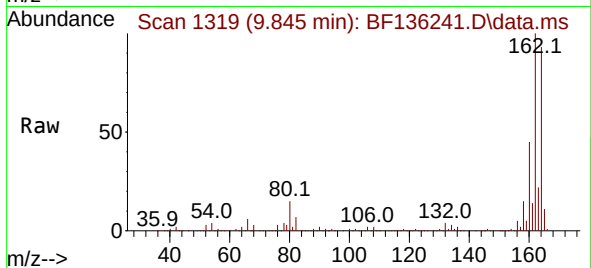
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

PB157023BS



Tgt Ion:164 Resp: 32629

Ion Ratio Lower Upper

164 100

162 107.1 89.5 134.3

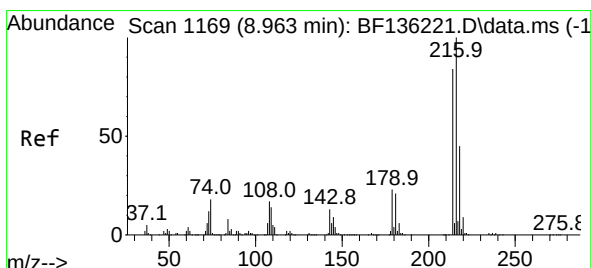
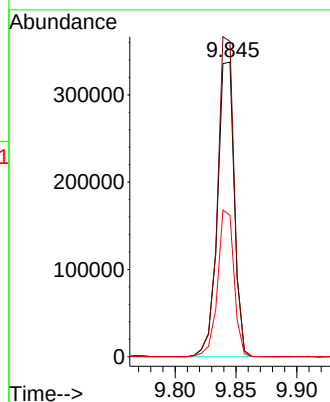
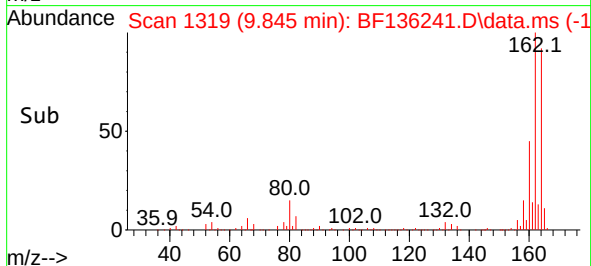
160 48.1 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.739 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

Tgt Ion:216 Resp: 464576

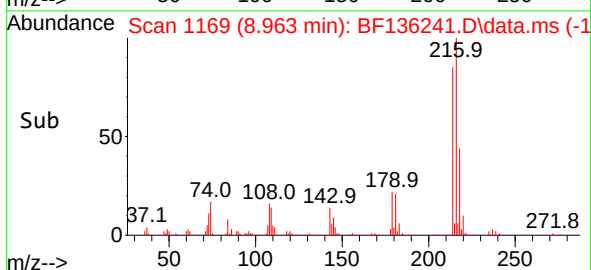
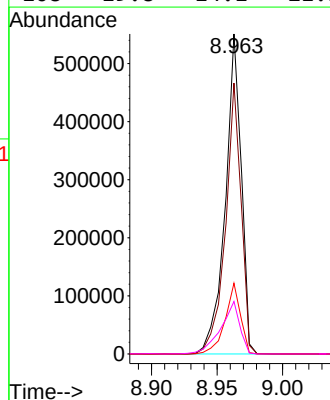
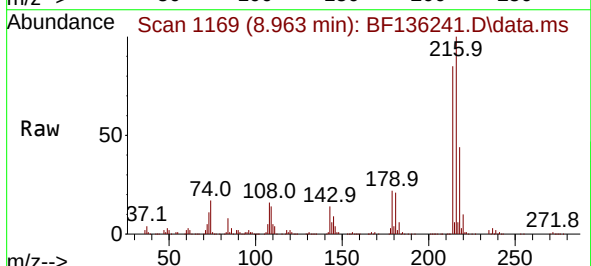
Ion Ratio Lower Upper

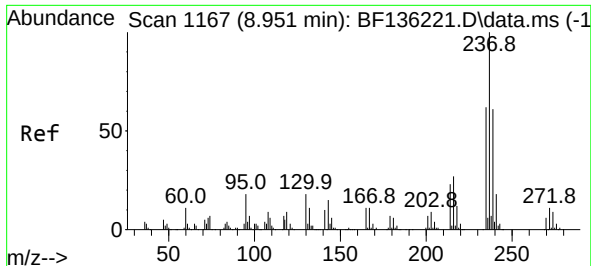
216 100

214 82.6 65.8 98.8

179 21.4 17.4 26.0

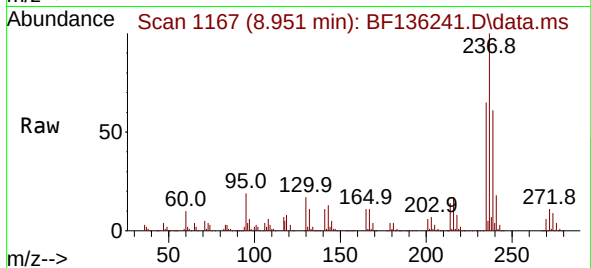
108 19.8 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 137.459 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

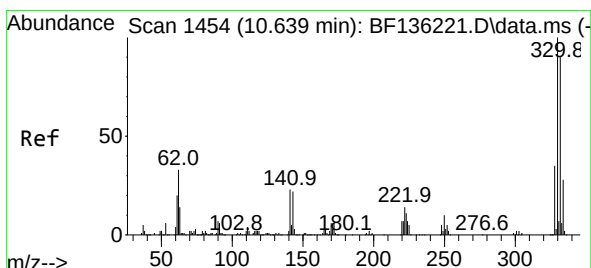
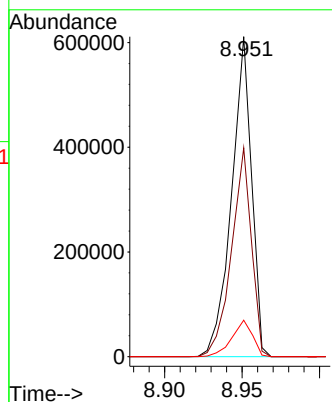
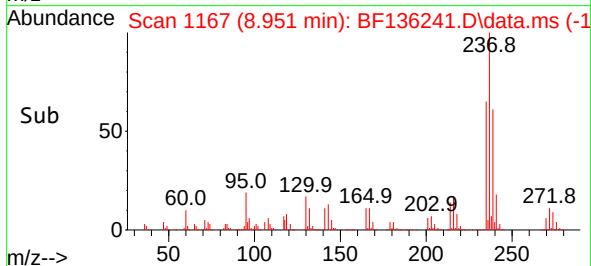
Instrument :
BNA_F
ClientSampleId :
PB157023BS



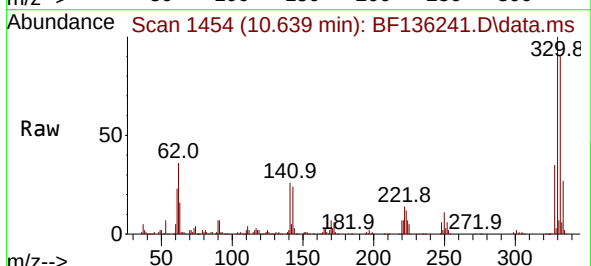
Tgt Ion:237 Resp: 54924
Ion Ratio Lower Upper
237 100
235 65.3 42.1 82.1
272 11.4 0.0 31.0

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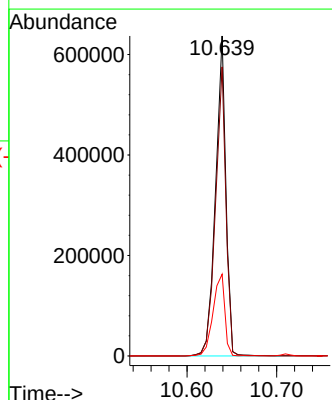
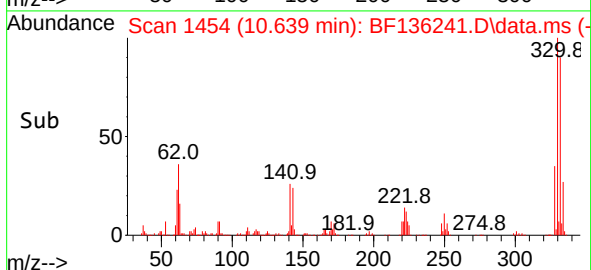
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

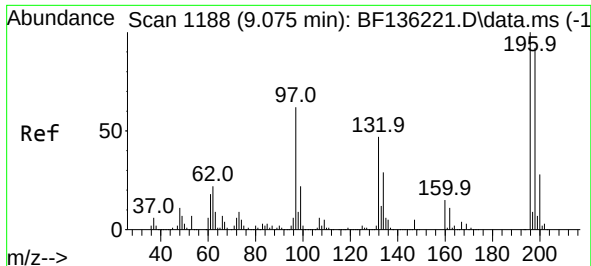


#42
2,4,6-Tribromophenol
Concen: 128.310 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51



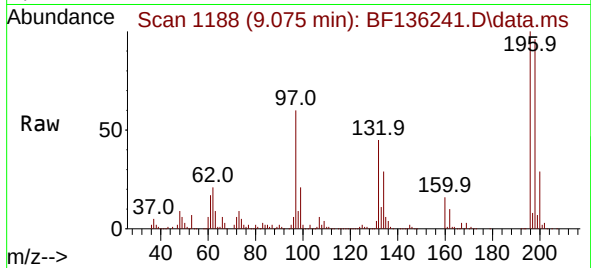
Tgt Ion:330 Resp: 511852
Ion Ratio Lower Upper
330 100
332 91.7 73.0 109.6
141 29.1 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 45.880 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

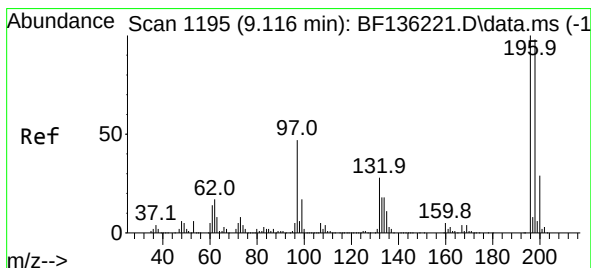
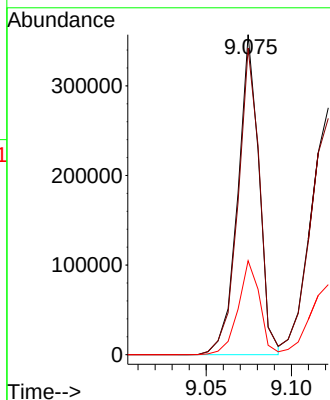
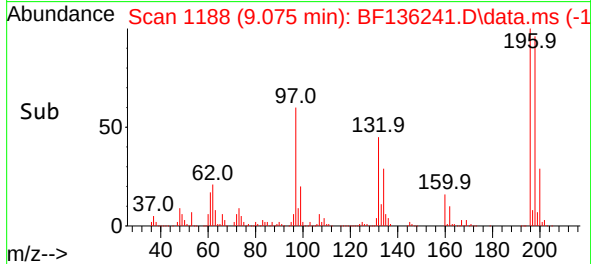
Instrument :
BNA_F
ClientSampleId :
PB157023BS



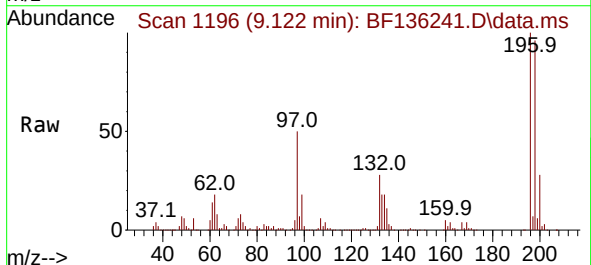
Tgt Ion:196 Resp: 30923
Ion Ratio Lower Upper
196 100
198 95.8 73.2 109.8
200 29.3 22.4 33.6

Manual Integrations
APPROVED

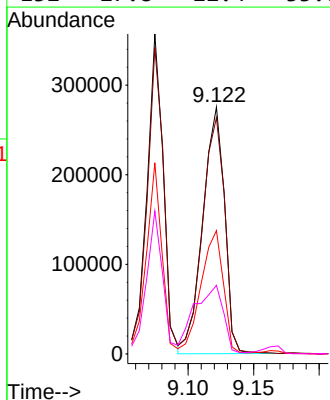
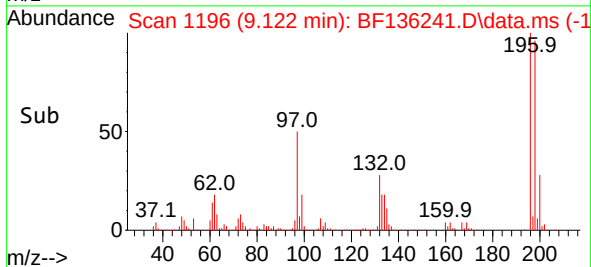
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

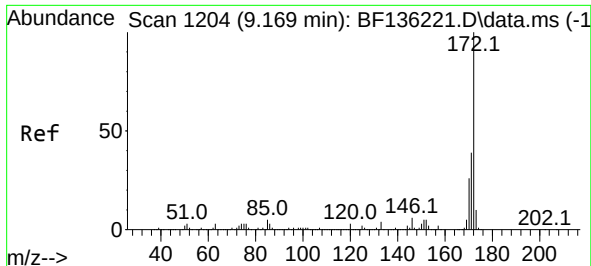


#44
2,4,5-Trichlorophenol
Concen: 43.410 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51



Tgt Ion:196 Resp: 319296
Ion Ratio Lower Upper
196 100
198 95.8 78.8 118.2
97 50.0 37.8 56.8
132 27.8 22.4 33.6





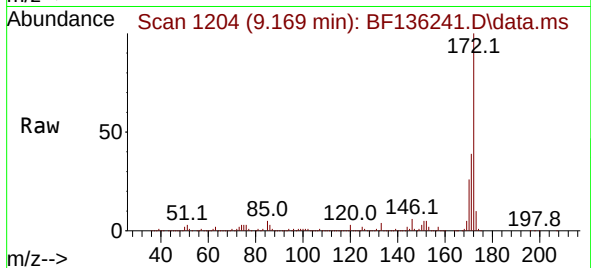
#45
2-Fluorobiphenyl
Concen: 84.922 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

PB157023BS

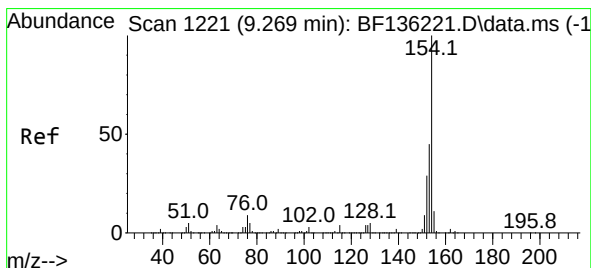
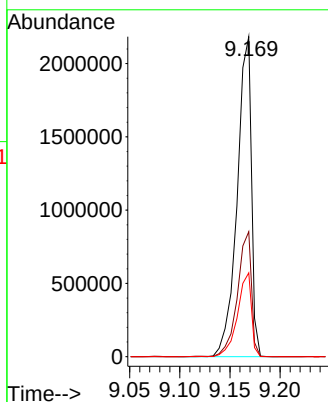
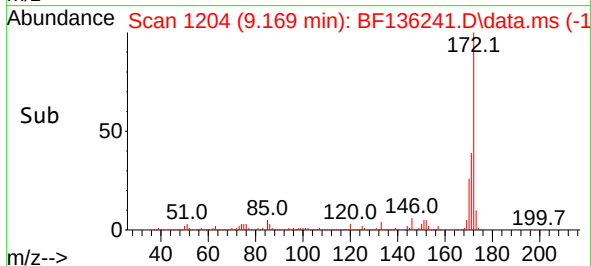


Tgt Ion:172 Resp: 2169360
Ion Ratio Lower Upper
172 100
171 39.0 31.5 47.3
170 26.2 20.8 31.2

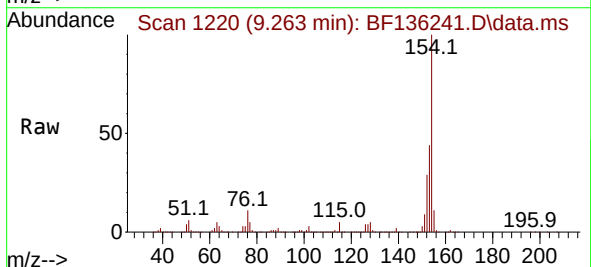
Manual Integrations

APPROVED

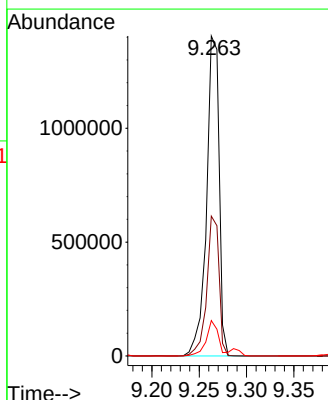
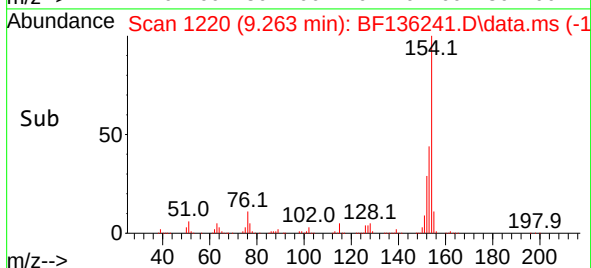
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

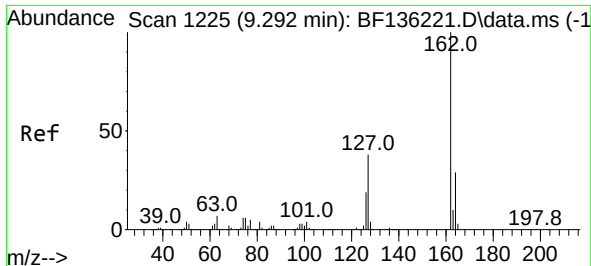


#46
1,1'-Biphenyl
Concen: 44.941 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51



Tgt Ion:154 Resp: 1293145
Ion Ratio Lower Upper
154 100
153 43.7 24.6 64.6
76 11.0 0.0 29.4





#47
2-Chloronaphthalene
Concen: 43.196 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

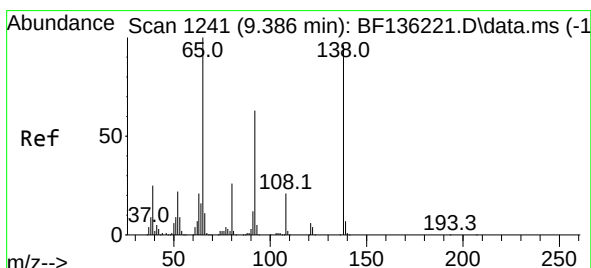
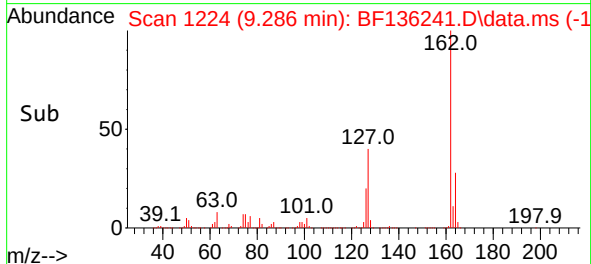
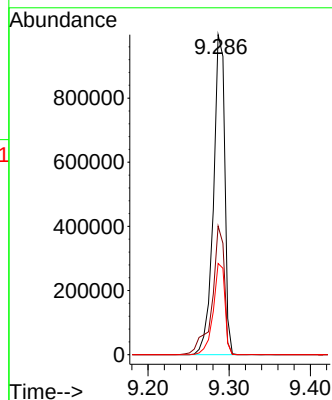
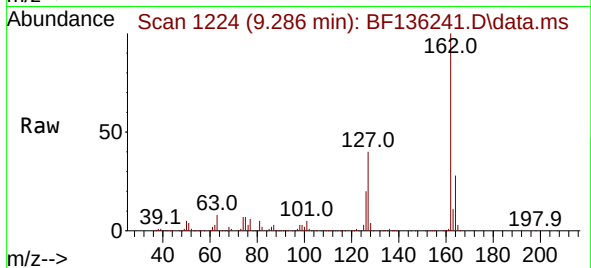
PB157023BS

Tgt Ion:162 Resp: 96524
Ion Ratio Lower Upper
162 100
127 40.2 30.2 45.2
164 28.5 22.8 34.2

Manual Integrations

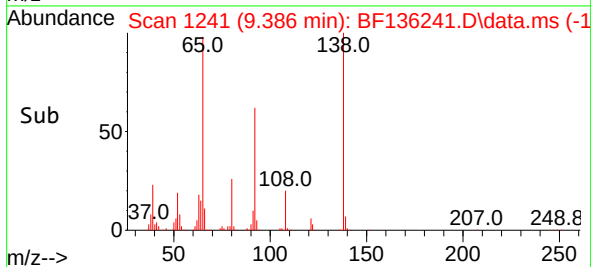
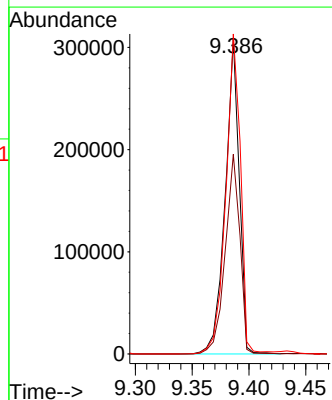
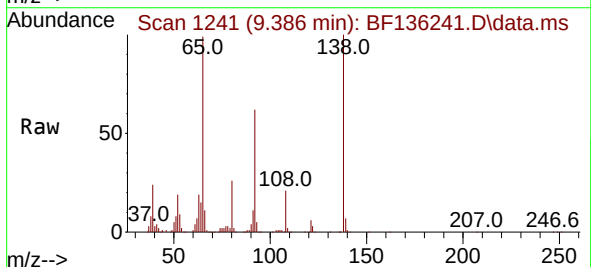
APPROVED

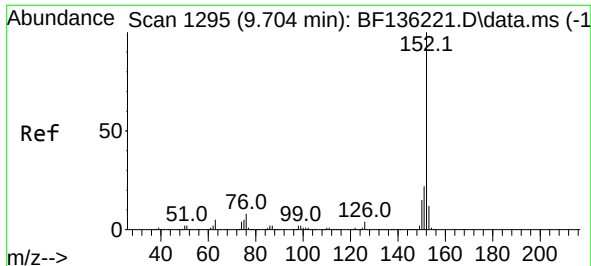
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#48
2-Nitroaniline
Concen: 45.571 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion: 65 Resp: 265865
Ion Ratio Lower Upper
65 100
92 63.3 50.6 75.8
138 101.3 76.7 115.1





#49

Acenaphthylene

Concen: 45.701 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

PB157023BS

Tgt Ion:152 Resp: 1457349

Ion Ratio Lower Upper

152 100

151 21.6 17.5 26.3

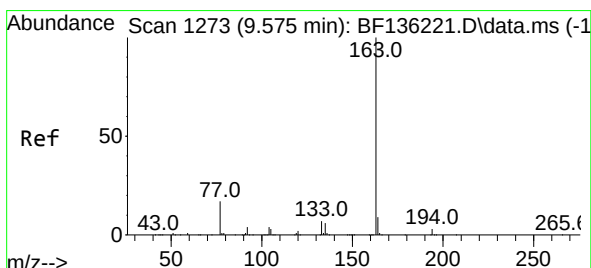
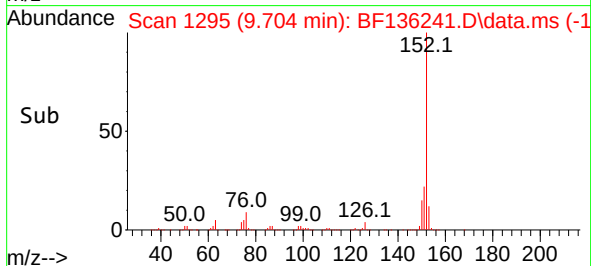
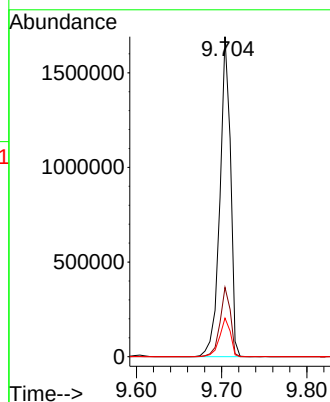
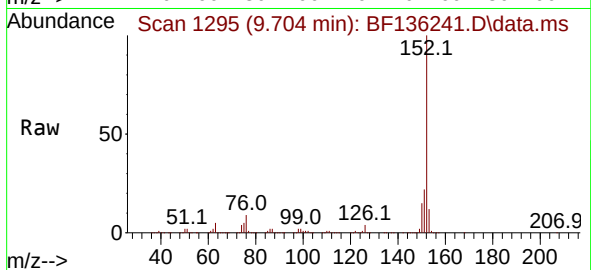
153 12.1 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#50

Dimethylphthalate

Concen: 44.667 ng

RT: 9.575 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

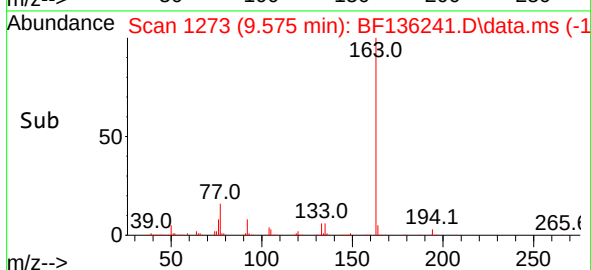
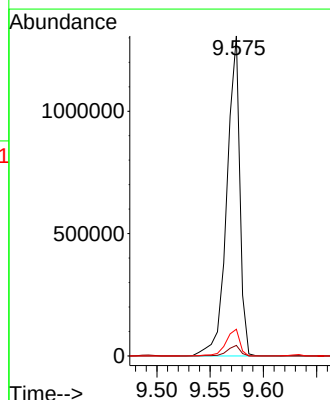
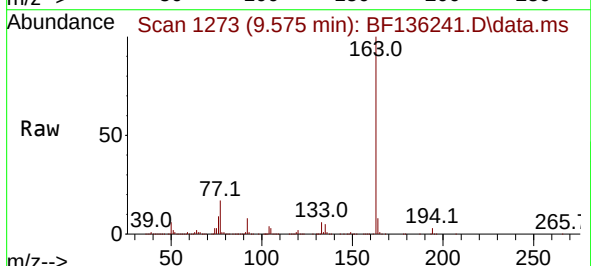
Tgt Ion:163 Resp: 1101556

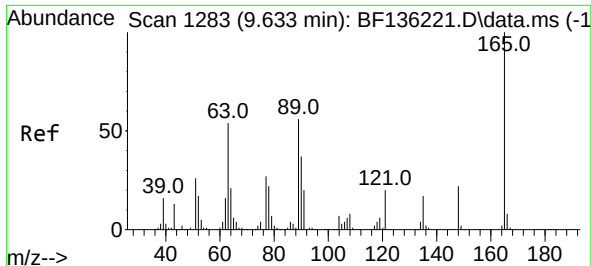
Ion Ratio Lower Upper

163 100

194 3.3 2.5 3.7

164 8.4 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 44.851 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

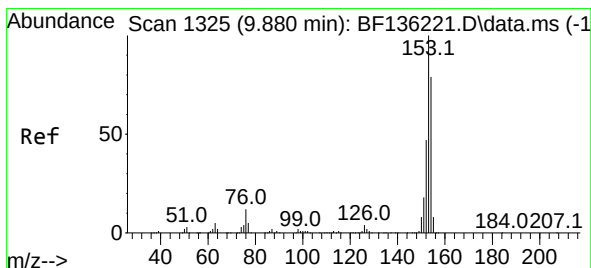
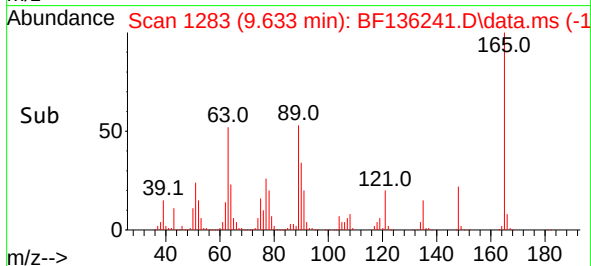
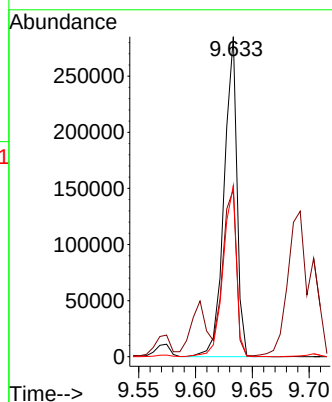
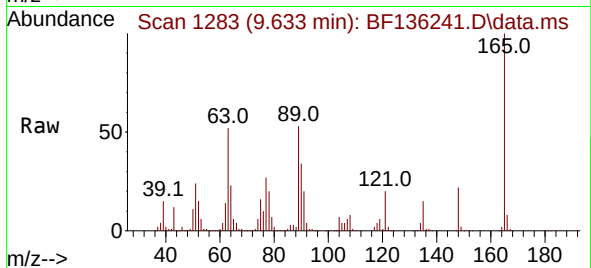
ClientSampleId :

PB157023BS

Tgt Ion:165 Resp: 225968
Ion Ratio Lower Upper
165 100
63 52.1 46.2 69.2
89 53.5 44.9 67.3

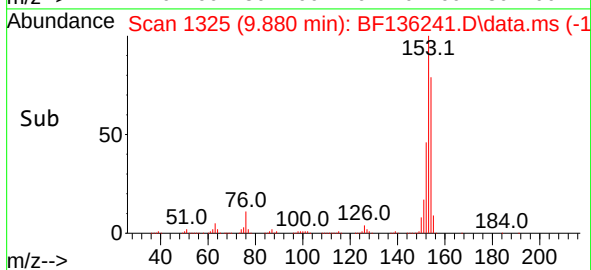
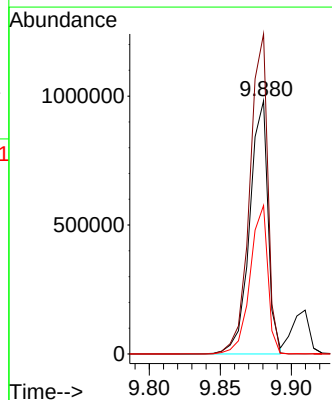
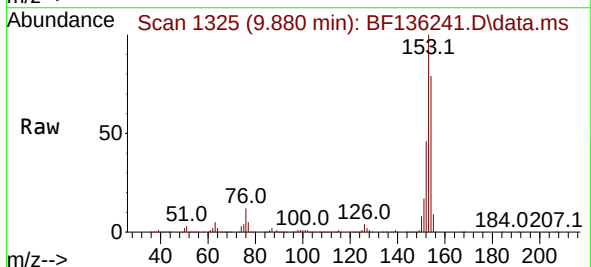
Manual Integrations
APPROVED

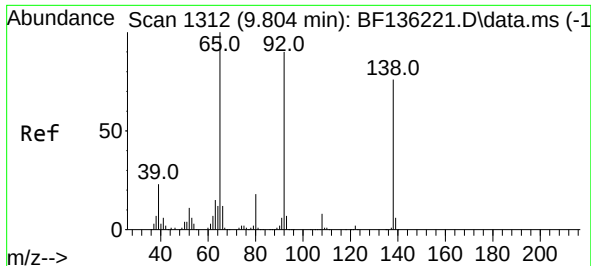
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#52
Acenaphthene
Concen: 43.678 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:154 Resp: 880184
Ion Ratio Lower Upper
154 100
153 126.4 100.8 151.2
152 58.7 47.0 70.6





#53
3-Nitroaniline
Concen: 36.353 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

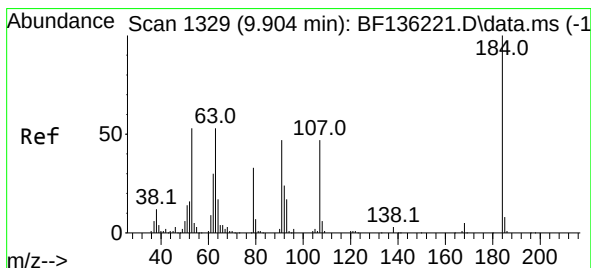
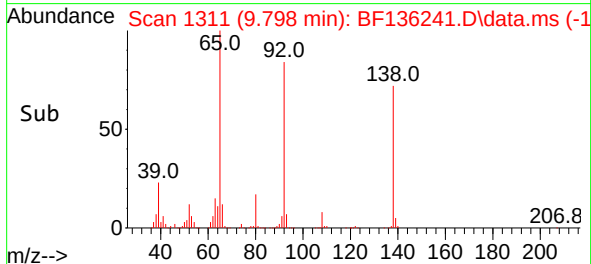
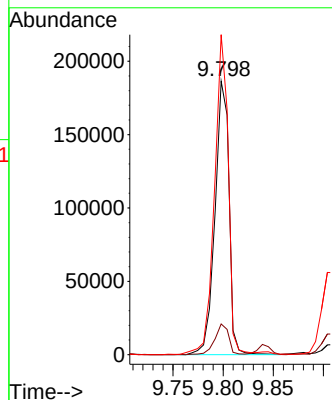
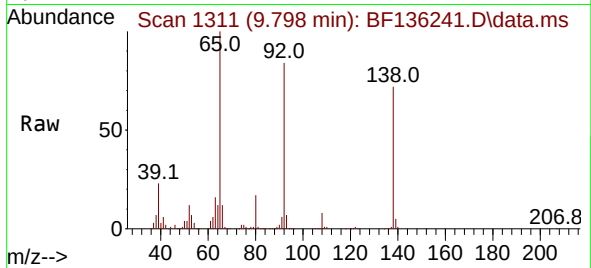
ClientSampleId :

PB157023BS

Tgt Ion:138 Resp: 181730
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 117.0 94.2 141.4

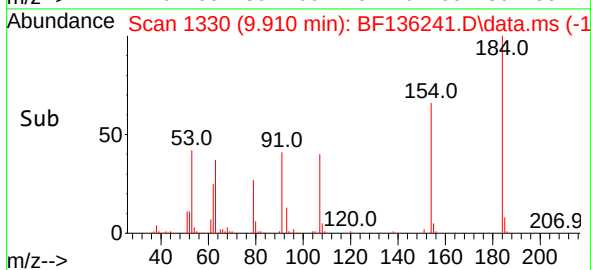
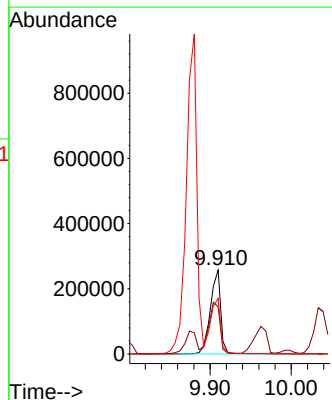
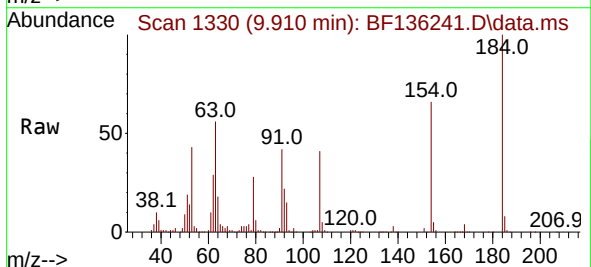
Manual Integrations
APPROVED

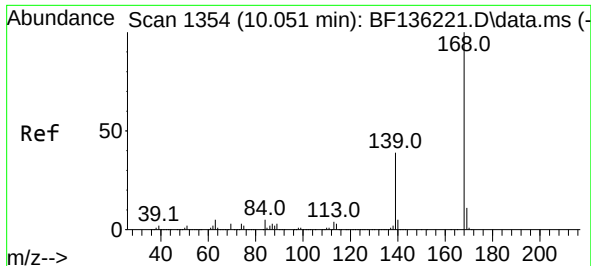
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#54
2,4-Dinitrophenol
Concen: 97.183 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:184 Resp: 227720
Ion Ratio Lower Upper
184 100
63 56.2 55.0 82.4
154 66.2 54.9 82.3





#55
Dibenzenofuran
Concen: 44.410 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

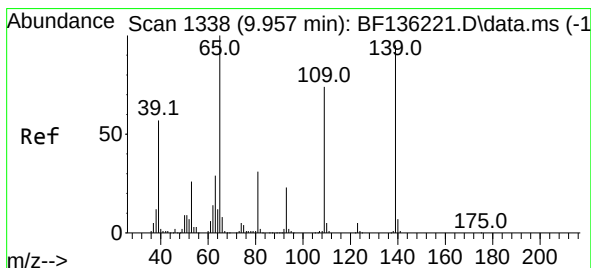
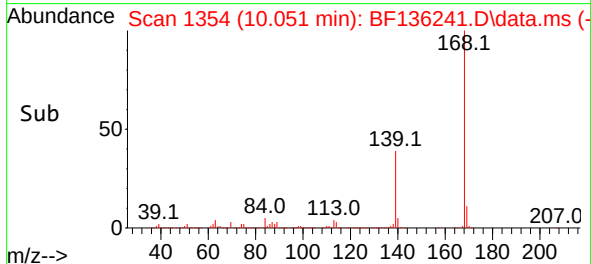
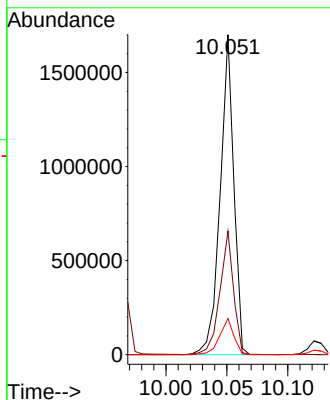
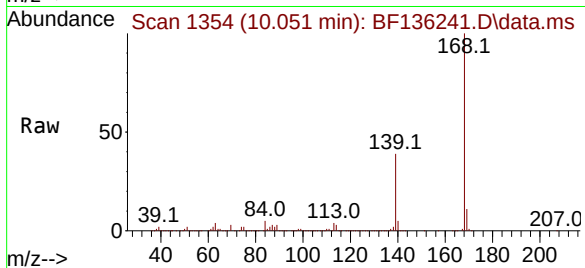
PB157023BS

Tgt Ion:168 Resp: 1331692
Ion Ratio Lower Upper
168 100
139 38.6 30.9 46.3
169 11.3 9.1 13.7

Manual Integrations

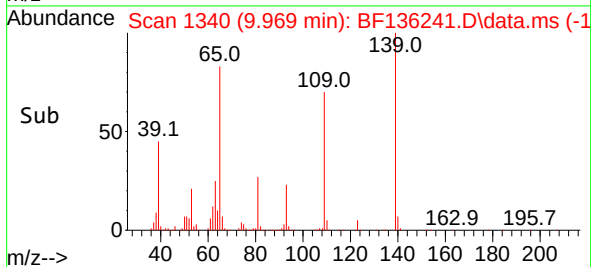
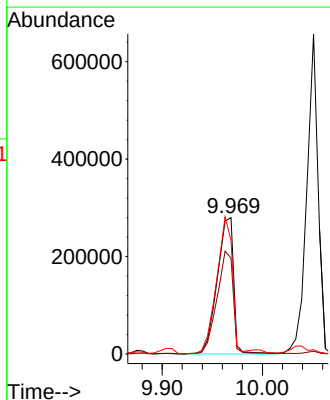
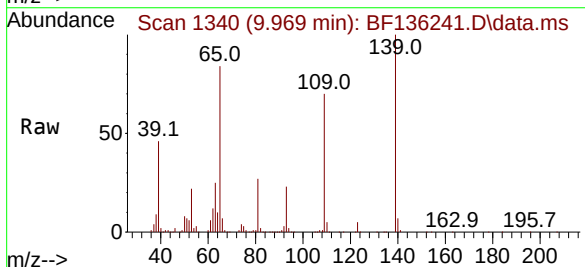
APPROVED

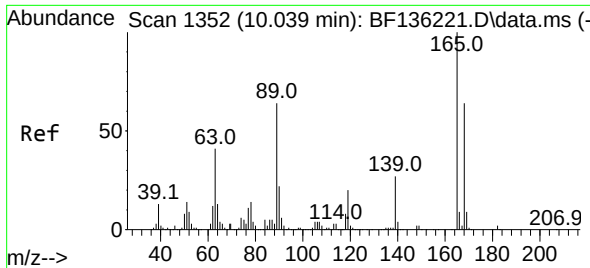
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 83.420 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:139 Resp: 316728
Ion Ratio Lower Upper
139 100
109 70.4 57.8 97.8
65 83.6 86.0 126.0#





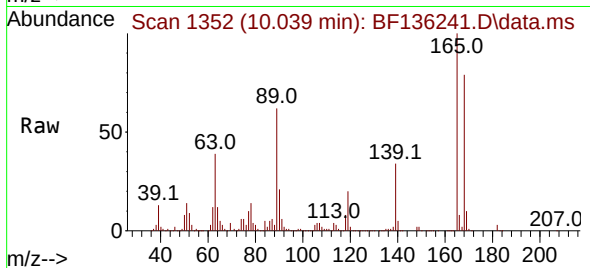
#57
2,4-Dinitrotoluene
Concen: 44.363 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

PB157023BS

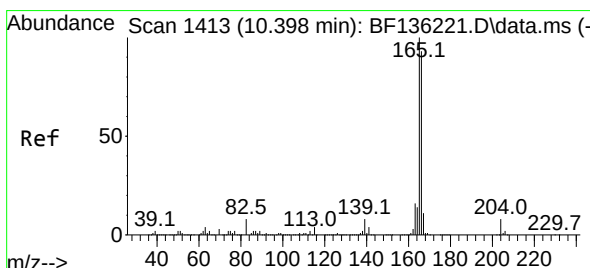
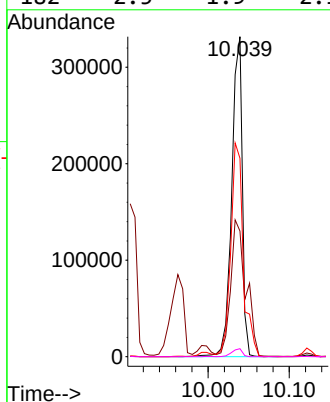
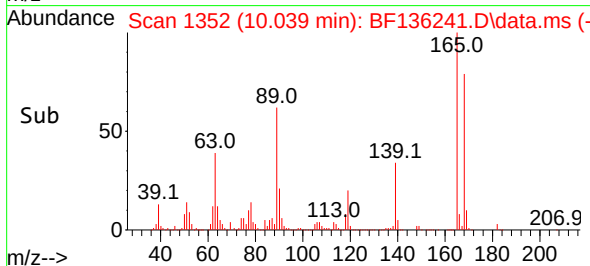


Tgt Ion:165 Resp: 29856
Ion Ratio Lower Upper
165 100
63 39.2 33.0 49.4
89 62.0 51.5 77.3
182 2.5 1.9 2.9

Manual Integrations

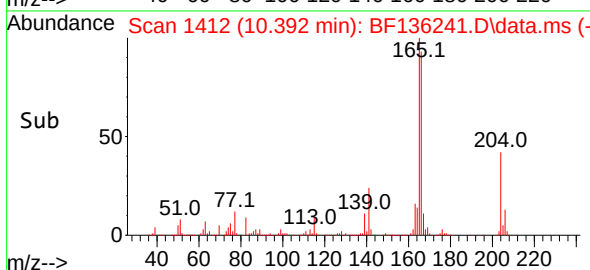
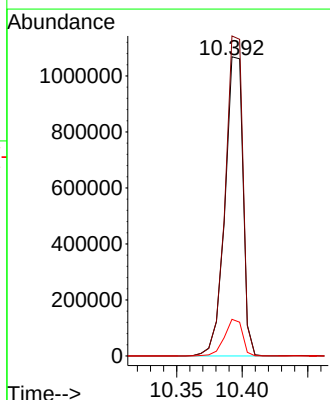
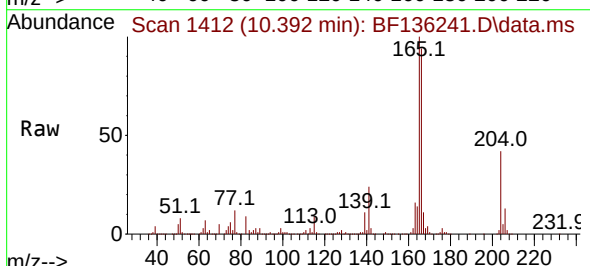
APPROVED

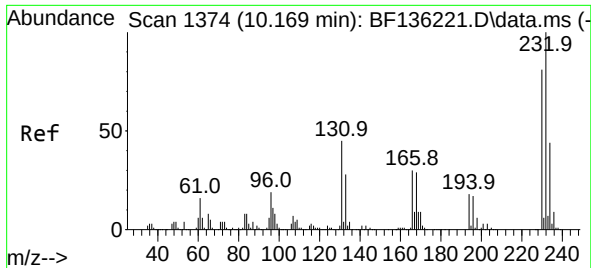
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 43.219 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:166 Resp: 1016567
Ion Ratio Lower Upper
166 100
165 106.9 86.2 129.4
167 12.2 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.144 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

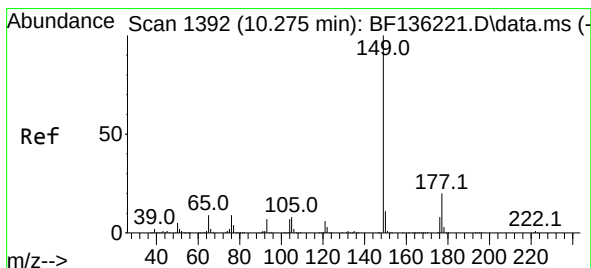
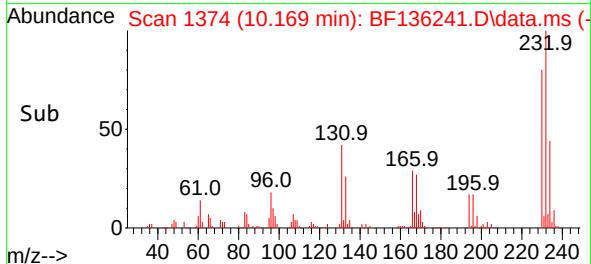
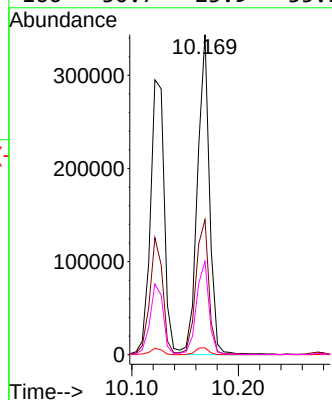
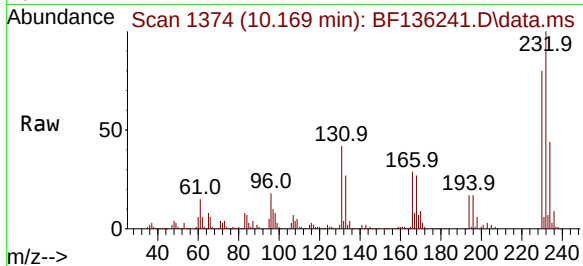
PB157023BS

Tgt Ion:232 Resp: 270049
Ion Ratio Lower Upper
232 100
131 44.9 36.4 54.6
130 2.4 1.9 2.9
166 30.7 23.9 35.9

Manual Integrations

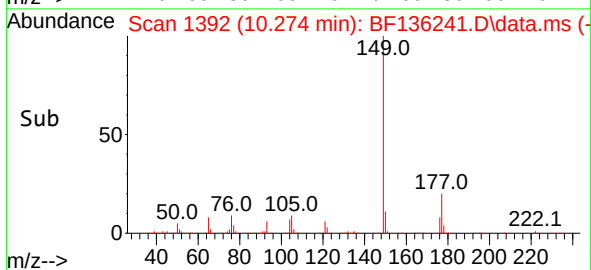
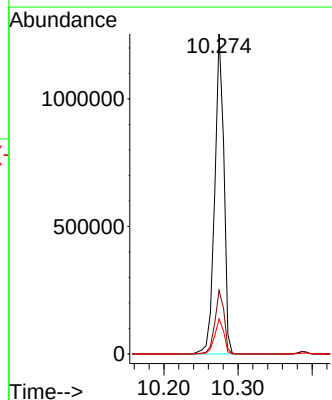
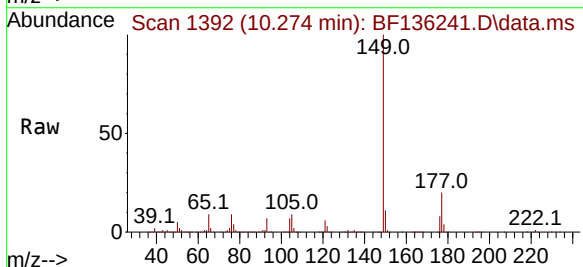
APPROVED

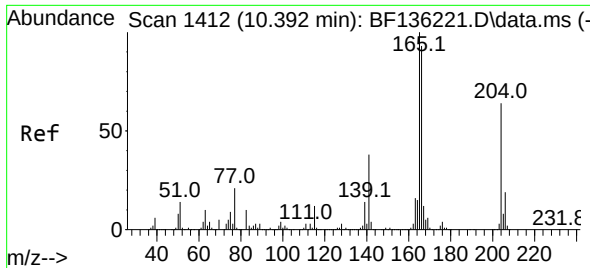
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#60
Diethylphthalate
Concen: 43.182 ng
RT: 10.274 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:149 Resp: 1065266
Ion Ratio Lower Upper
149 100
177 19.9 15.8 23.6
150 10.9 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 43.748 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

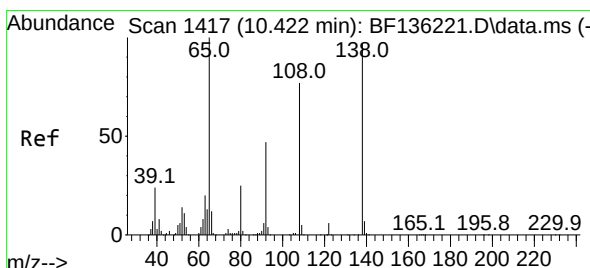
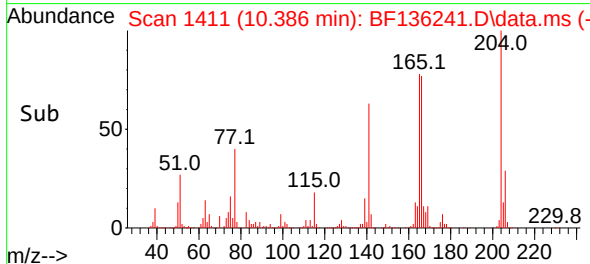
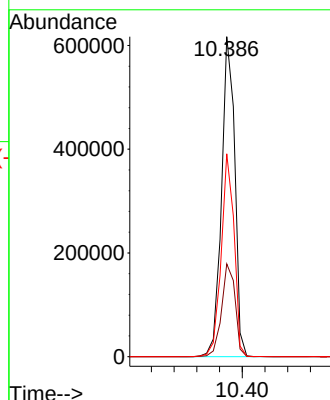
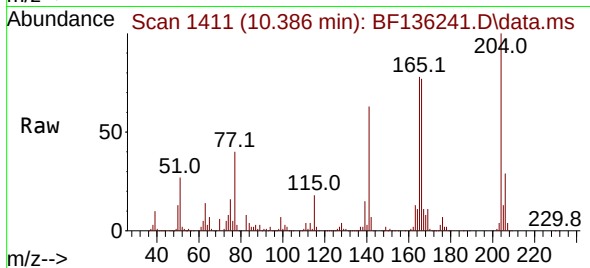
PB157023BS

Tgt Ion:204 Resp: 499718
Ion Ratio Lower Upper
204 100
206 29.0 23.4 35.0
141 63.4 47.6 71.4

Manual Integrations

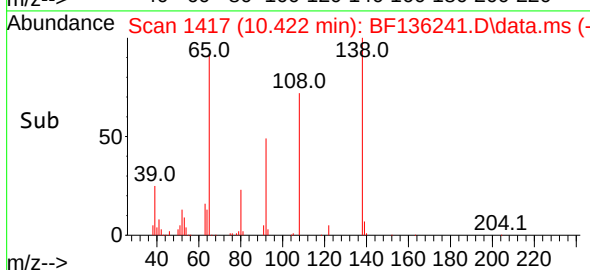
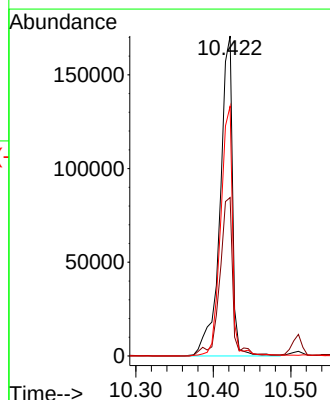
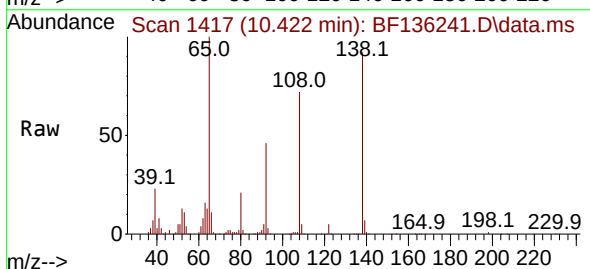
APPROVED

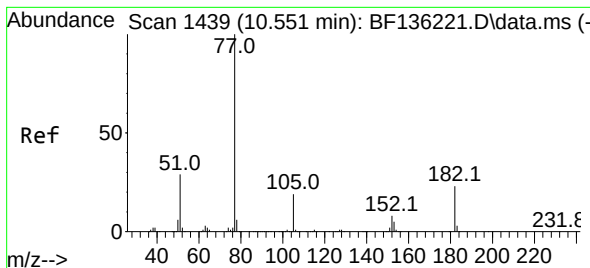
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#62
4-Nitroaniline
Concen: 39.098 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:138 Resp: 191320
Ion Ratio Lower Upper
138 100
92 49.5 28.5 68.5
108 78.1 59.8 99.8





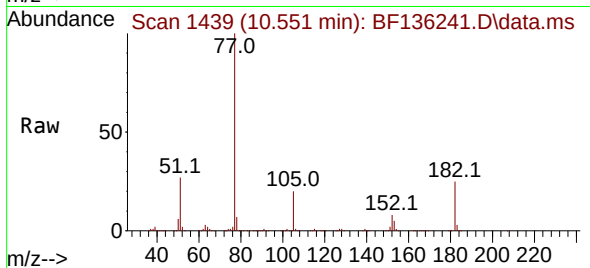
#63
Azobenzene
Concen: 43.280 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

PB157023BS



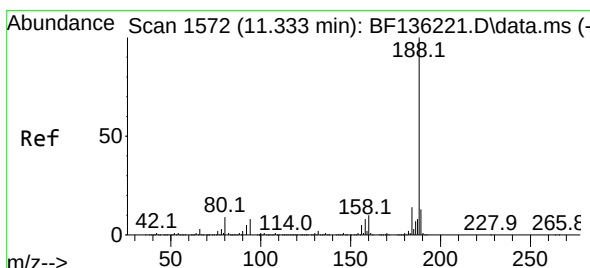
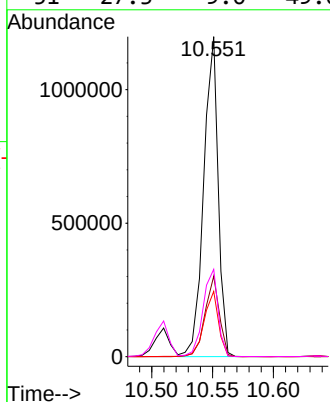
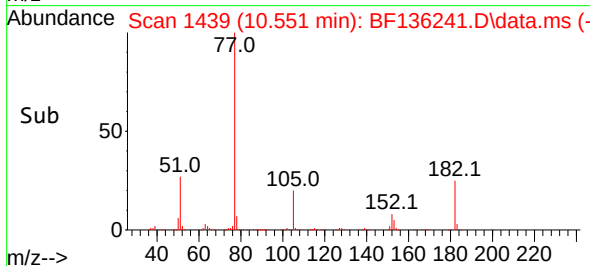
Tgt Ion: 77 Resp: 989828
Ion Ratio Lower Upper
77 100
182 25.1 3.3 43.3
105 20.4 0.0 39.5
51 27.3 9.0 49.0

Manual Integrations

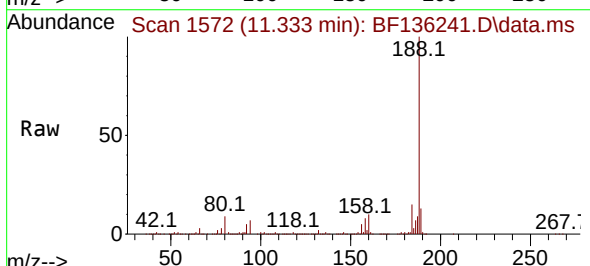
APPROVED

Reviewed By :Yogesh Patel 11/29/2023

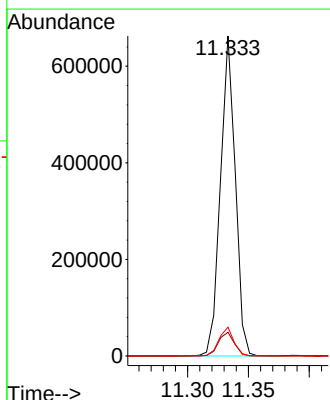
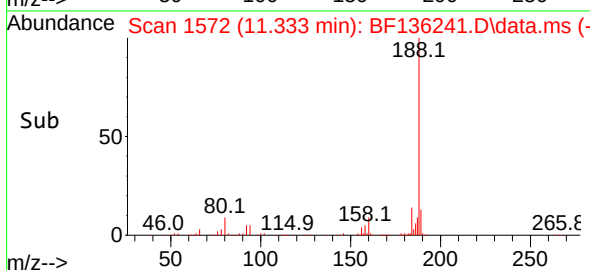
Supervised By :mohammad ahmed 12/01/2023

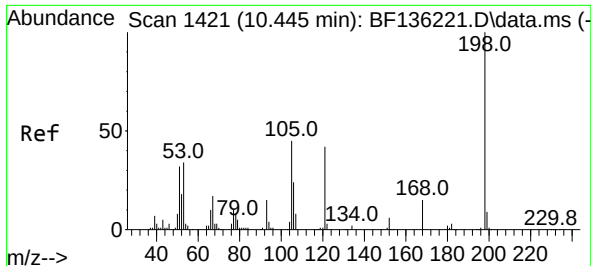


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51



Tgt Ion:188 Resp: 564035
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 9.0 7.2 10.8





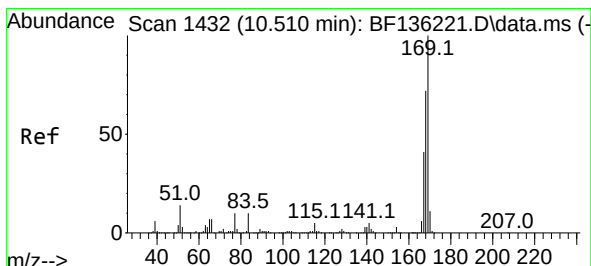
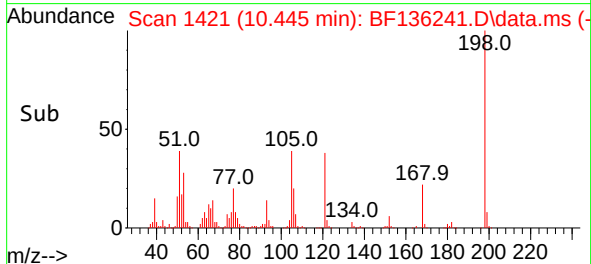
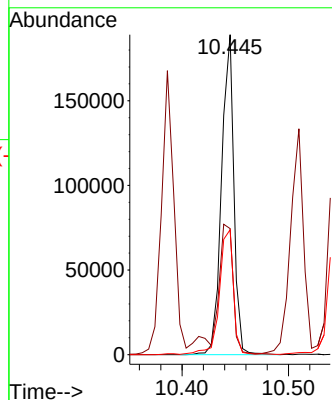
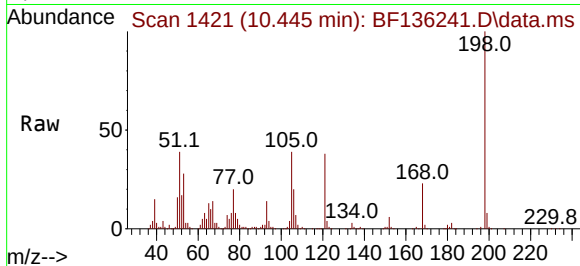
#65
4,6-Dinitro-2-methylphenol
Concen: 49.004 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :
BNA_F
ClientSampleId :
PB157023BS

Tgt Ion:198 Resp: 15114
Ion Ratio Lower Upper
198 100
51 39.4 28.2 68.2
105 39.1 25.7 65.7

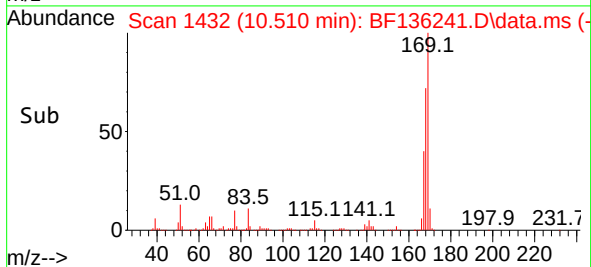
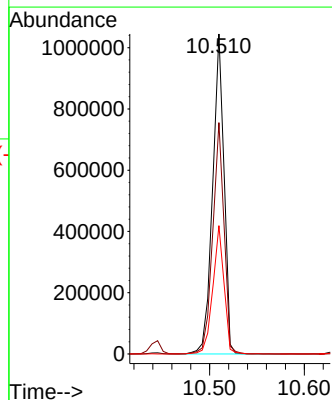
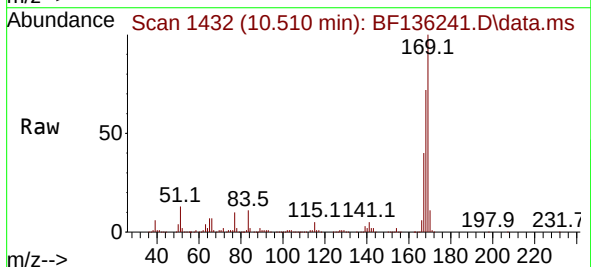
Manual Integrations
APPROVED

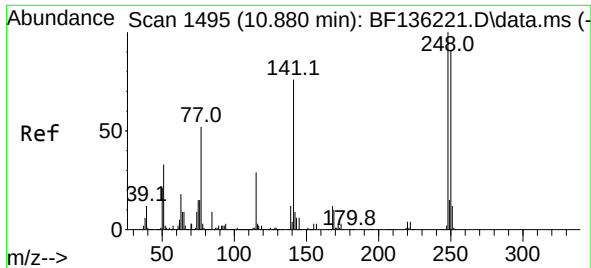
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 48.161 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

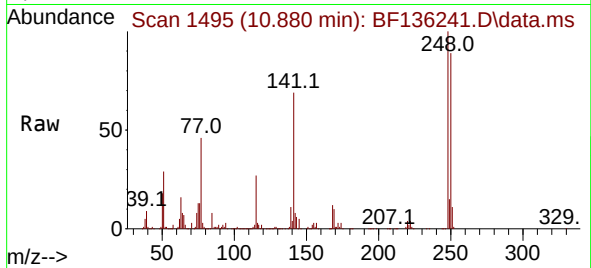
Tgt Ion:169 Resp: 870523
Ion Ratio Lower Upper
169 100
168 72.3 57.8 86.6
167 40.1 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 46.968 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

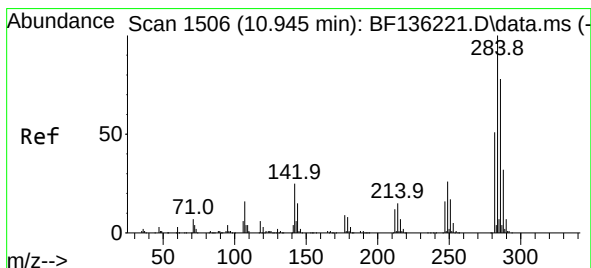
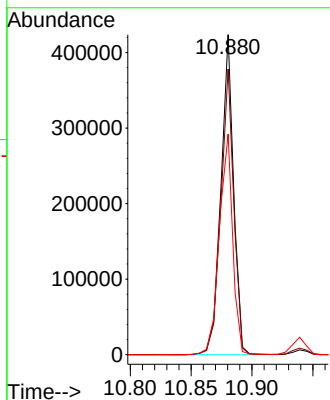
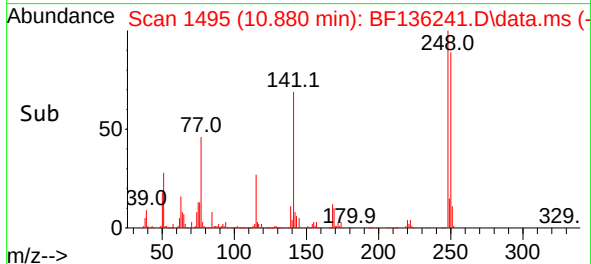
Instrument :
BNA_F
ClientSampleId :
PB157023BS



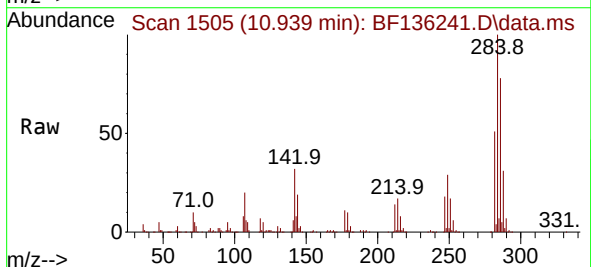
Tgt Ion:248 Resp: 309069
Ion Ratio Lower Upper
248 100
250 89.2 72.5 108.7
141 68.9 60.8 91.2

Manual Integrations
APPROVED

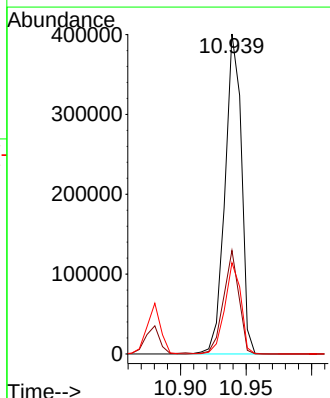
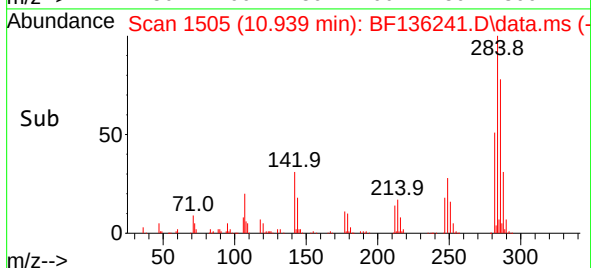
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

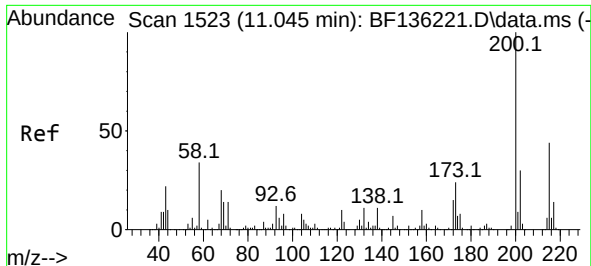


#68
Hexachlorobenzene
Concen: 45.767 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51



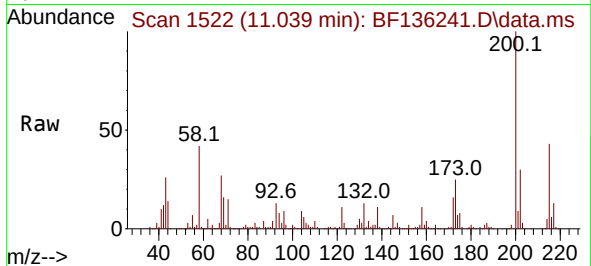
Tgt Ion:284 Resp: 348554
Ion Ratio Lower Upper
284 100
142 32.4 19.8 29.8#
249 28.5 21.0 31.4





#69
Atrazine
Concen: 30.547 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

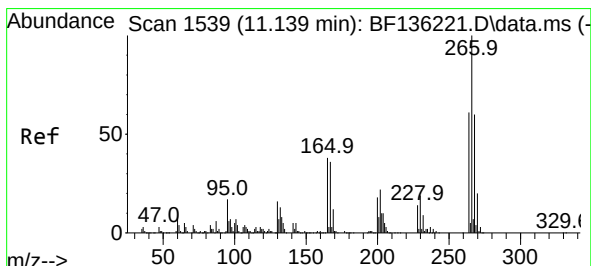
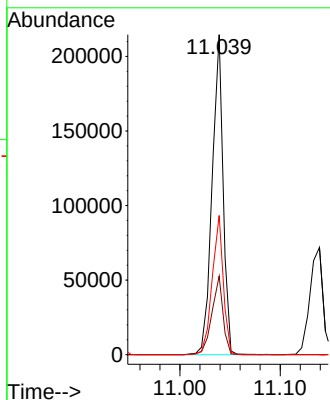
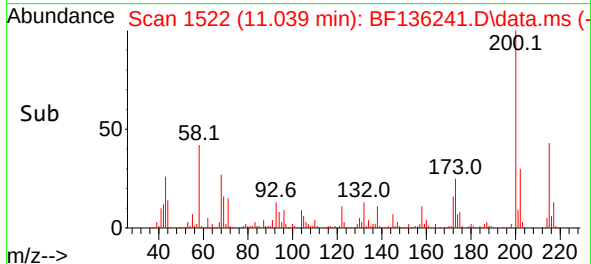
Instrument :
BNA_F
ClientSampleId :
PB157023BS



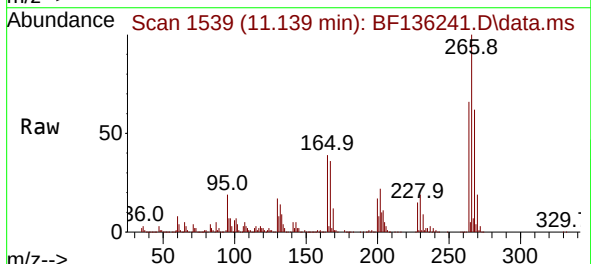
Tgt Ion:200 Resp: 16379
Ion Ratio Lower Upper
200 100
173 24.5 4.3 44.3
215 43.5 23.8 63.8

Manual Integrations
APPROVED

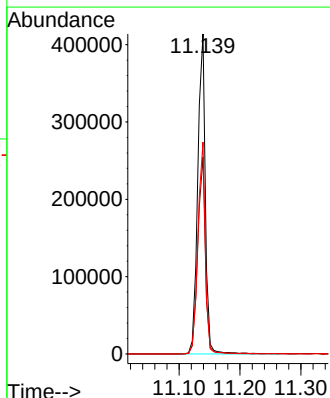
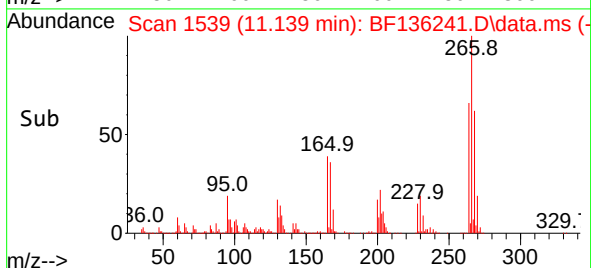
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

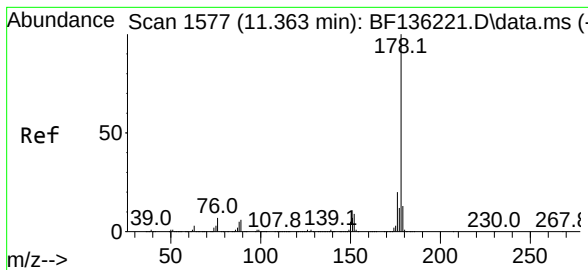


#70
Pentachlorophenol
Concen: 82.940 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51



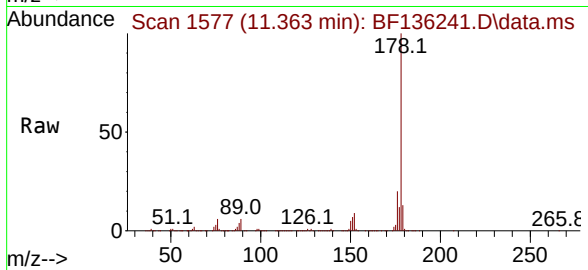
Tgt Ion:266 Resp: 357053
Ion Ratio Lower Upper
266 100
268 61.5 47.9 71.9
264 66.2 49.1 73.7





#71
Phenanthrene
Concen: 46.749 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

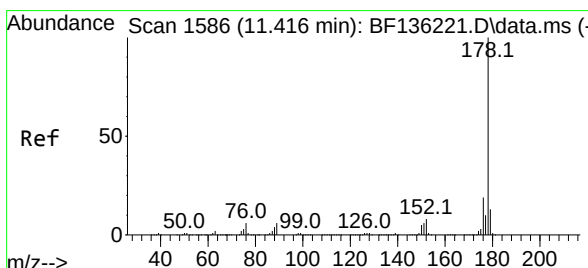
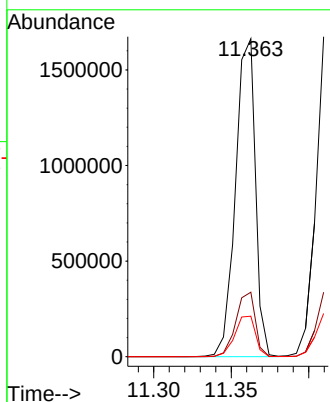
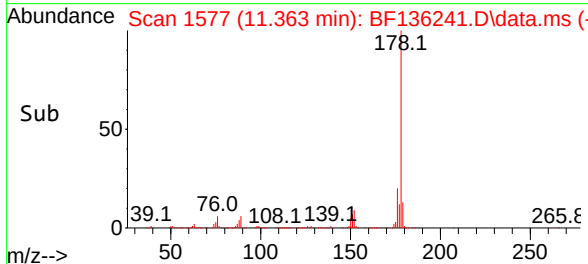
Instrument :
BNA_F
ClientSampleId :
PB157023BS



Tgt Ion:178 Resp: 1482010
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 12.8 10.3 15.5

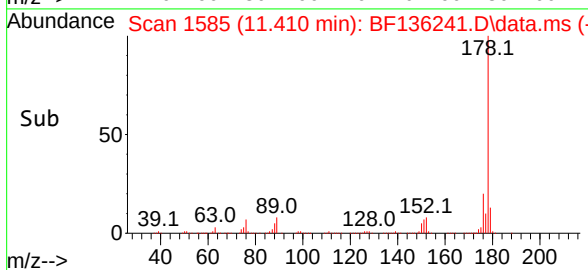
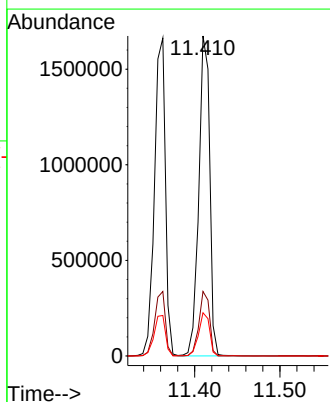
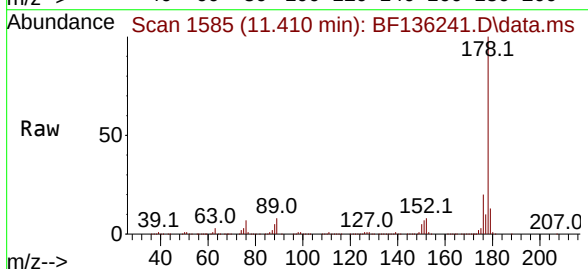
Manual Integrations
APPROVED

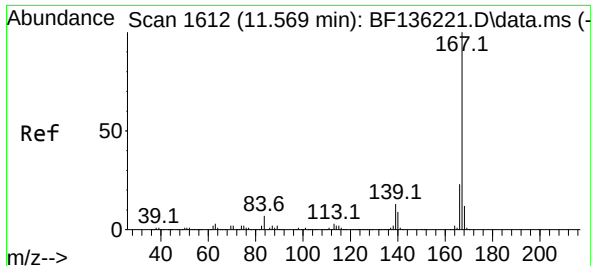
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 46.883 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

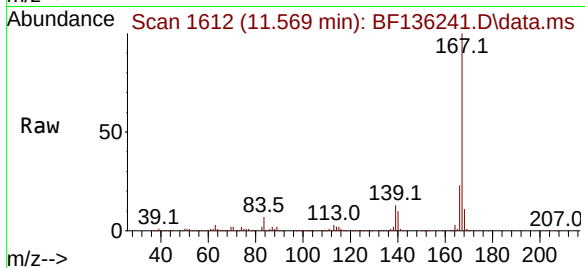
Tgt Ion:178 Resp: 1490462
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 13.5 10.5 15.7





#73
 Carbazole
 Concen: 41.973 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF136241.D
 Acq: 28 Nov 2023 10:51

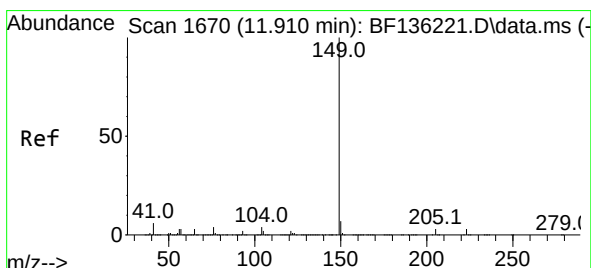
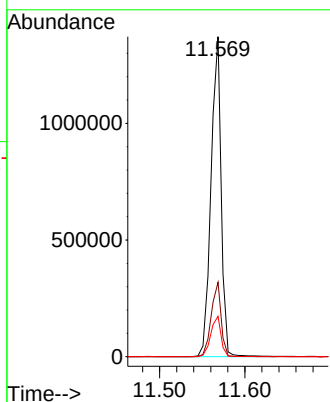
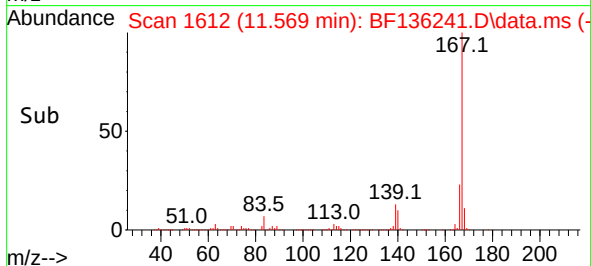
Instrument :
 BNA_F
 ClientSampleId :
 PB157023BS



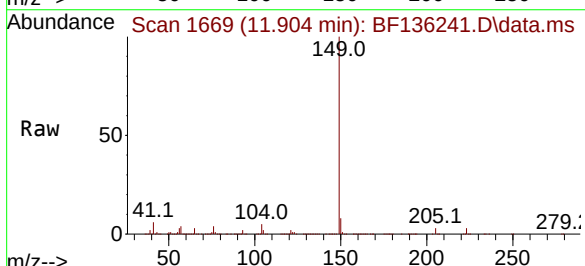
Tgt Ion:167 Resp: 113486
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.4 27.6
 139 12.6 10.5 15.7

Manual Integrations
 APPROVED

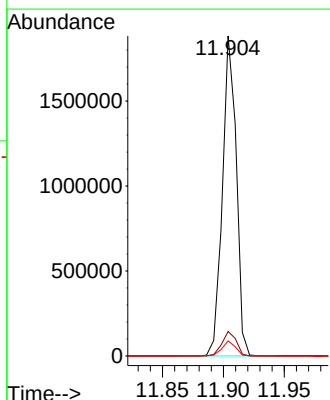
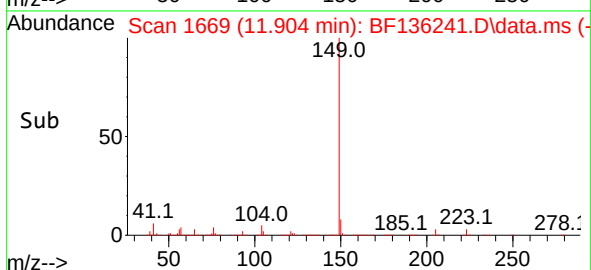
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

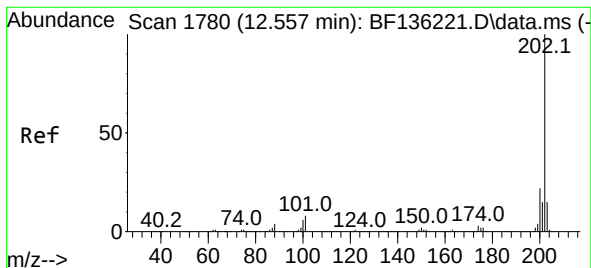


#74
 Di-n-butylphthalate
 Concen: 44.133 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136241.D
 Acq: 28 Nov 2023 10:51



Tgt Ion:149 Resp: 1493045
 Ion Ratio Lower Upper
 149 100
 150 7.6 6.0 9.0
 104 4.7 3.5 5.3





#75

Fluoranthene

Concen: 40.053 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

PB157023BS

Tgt Ion:202 Resp: 1288999

Ion Ratio Lower Upper

202 100

101 9.1 0.0 27.8

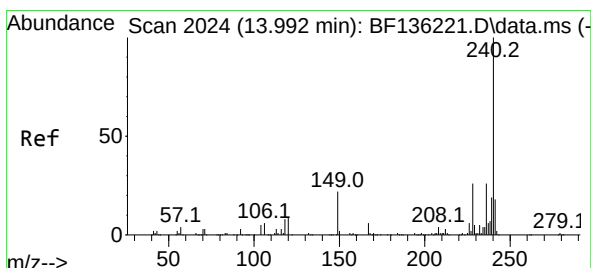
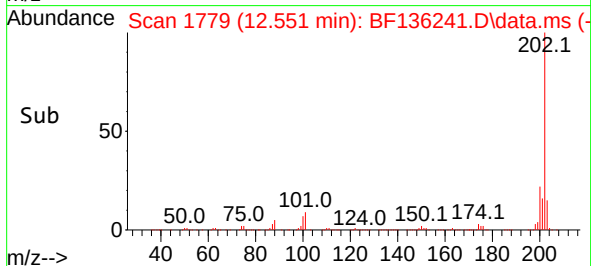
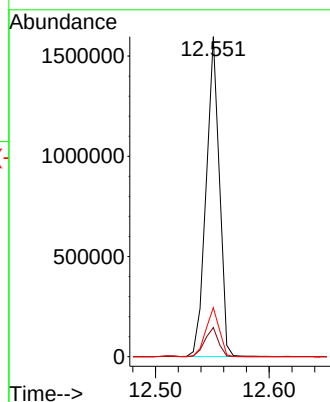
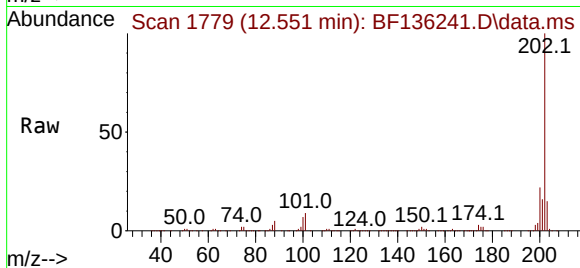
203 15.3 0.0 34.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

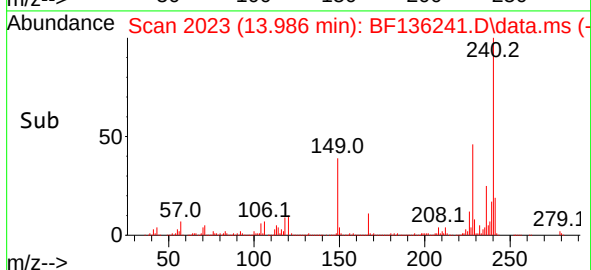
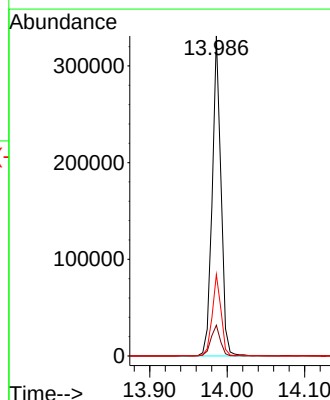
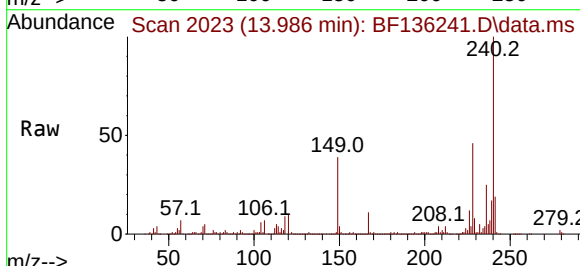
Tgt Ion:240 Resp: 260711

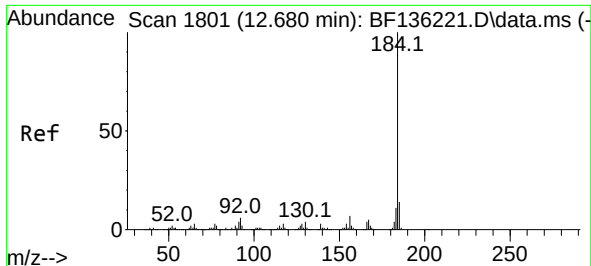
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.2

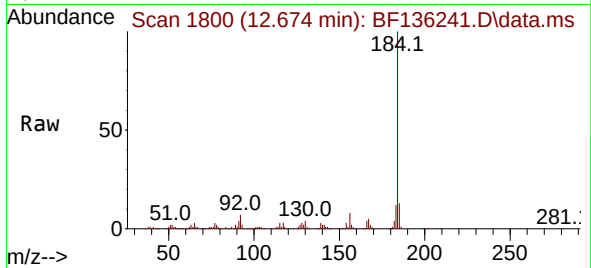
236 25.5 21.1 31.7





#77
Benzidine
Concen: 38.800 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

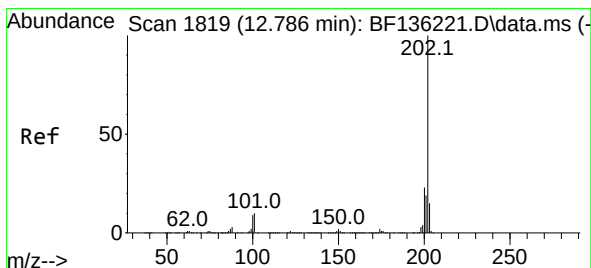
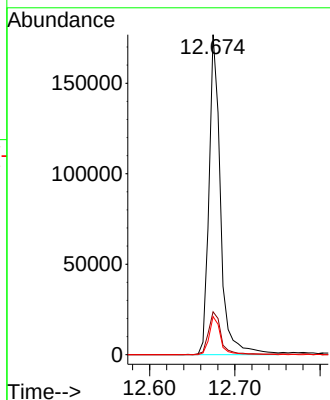
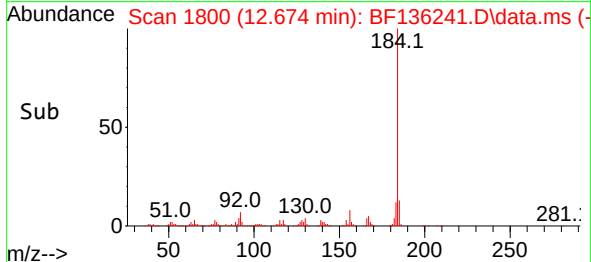
Instrument :
BNA_F
ClientSampleId :
PB157023BS



Tgt Ion:184 Resp: 166284
Ion Ratio Lower Upper
184 100
185 13.4 11.0 16.6
183 11.9 9.0 13.4

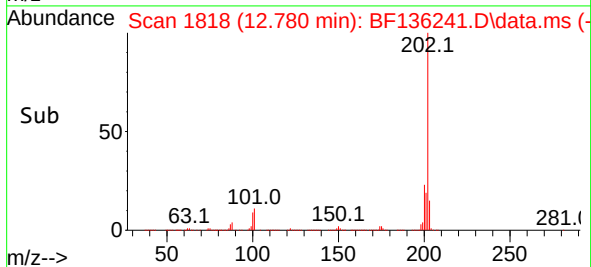
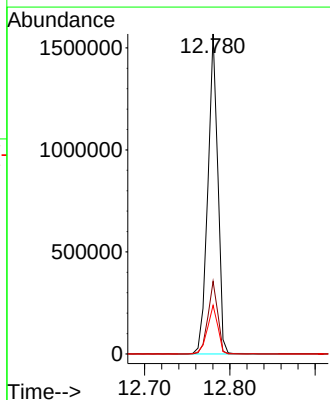
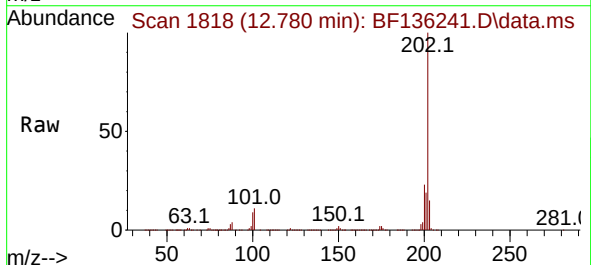
Manual Integrations
APPROVED

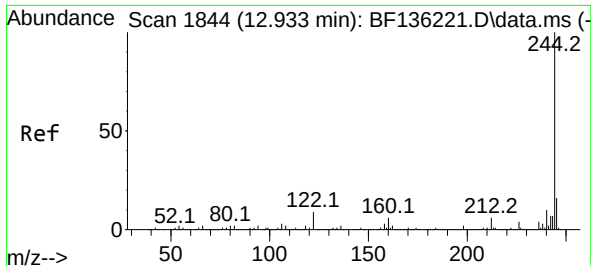
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#78
Pyrene
Concen: 44.519 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:202 Resp: 1271120
Ion Ratio Lower Upper
202 100
200 22.7 18.4 27.6
203 15.2 11.8 17.6





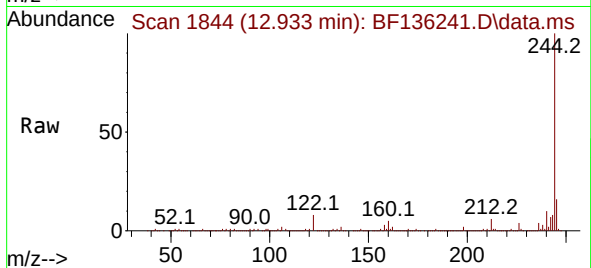
#79
 Terphenyl-d14
 Concen: 86.554 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF136241.D
 Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

PB157023BS



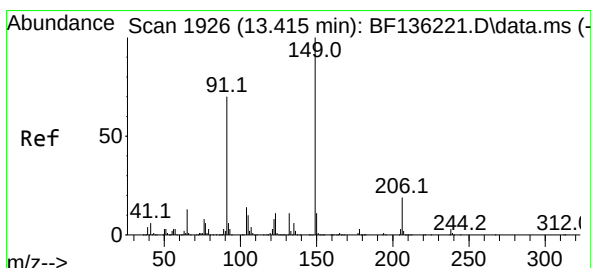
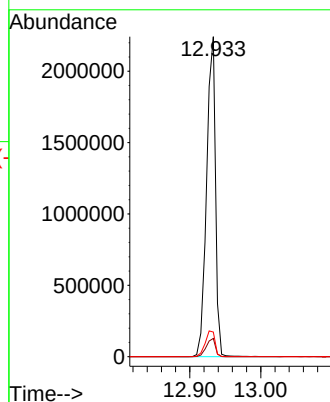
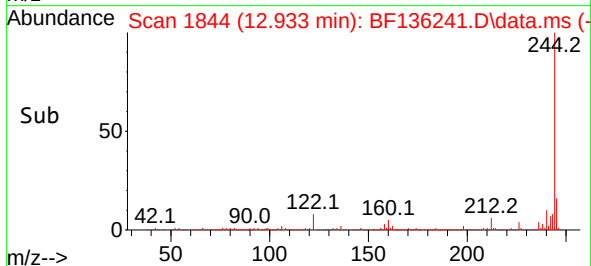
Tgt Ion:244 Resp: 1956292
 Ion Ratio Lower Upper
 244 100
 212 5.7 4.6 7.0
 122 7.7 7.3 10.9

Manual Integrations

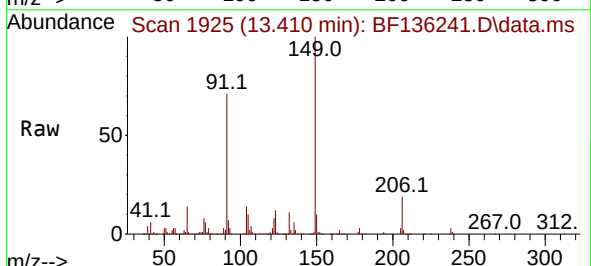
APPROVED

Reviewed By :Yogesh Patel 11/29/2023

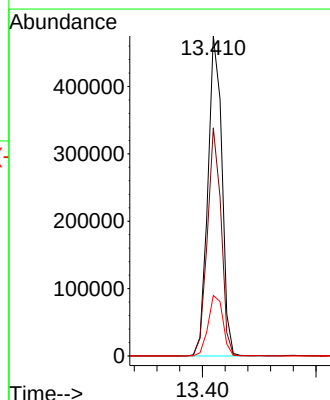
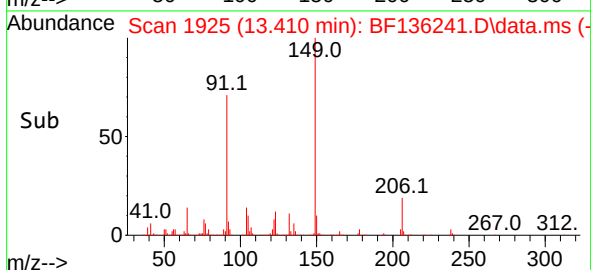
Supervised By :mohammad ahmed 12/01/2023

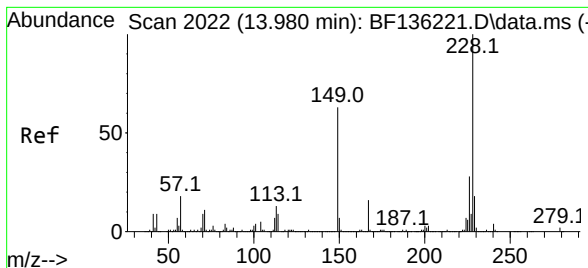


#80
 Butylbenzylphthalate
 Concen: 45.892 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136241.D
 Acq: 28 Nov 2023 10:51



Tgt Ion:149 Resp: 407804
 Ion Ratio Lower Upper
 149 100
 91 71.3 56.4 84.6
 206 18.9 14.8 22.2





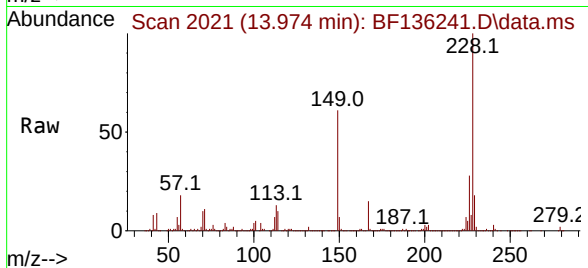
#81
Benzo(a)anthracene
Concen: 45.762 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

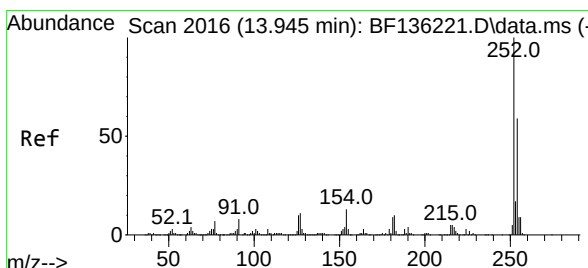
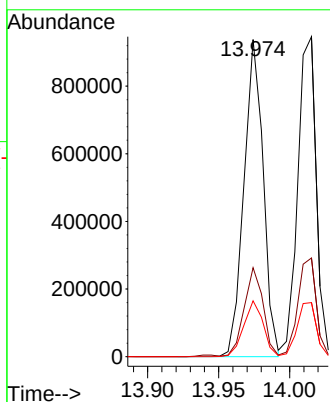
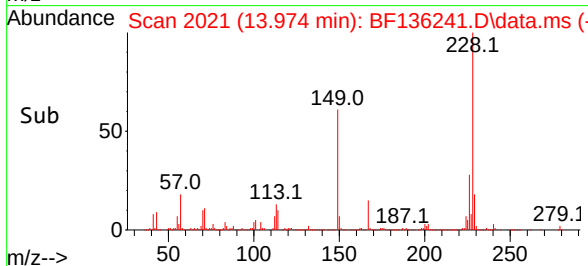
PB157023BS



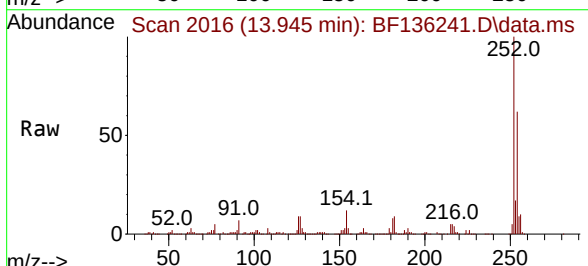
Tgt Ion:228 Resp: 886164
Ion Ratio Lower Upper
228 100
226 28.1 22.6 34.0
229 17.6 14.0 21.0

Manual Integrations
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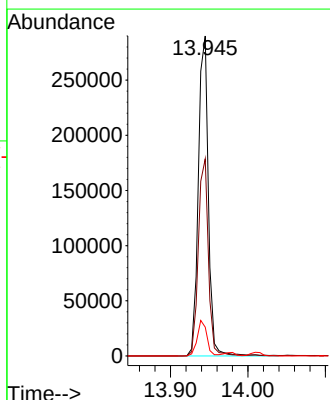
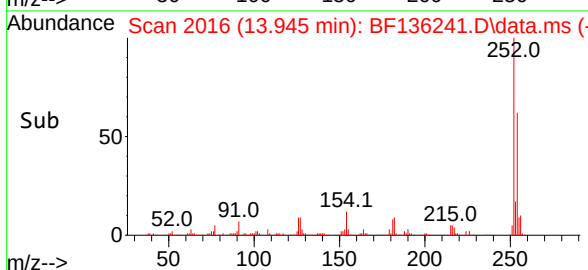
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

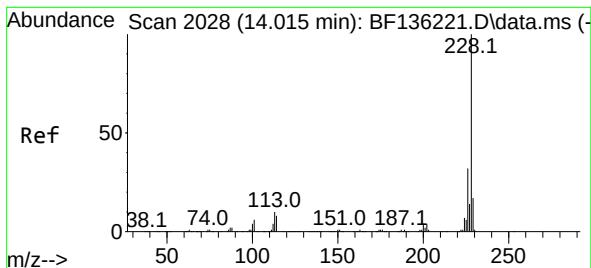


#82
3,3'-Dichlorobenzidine
Concen: 55.876 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51



Tgt Ion:252 Resp: 260462
Ion Ratio Lower Upper
252 100
254 61.6 47.4 71.2
126 9.0 8.3 12.5





#83

Chrysene

Concen: 46.204 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

PB157023BS

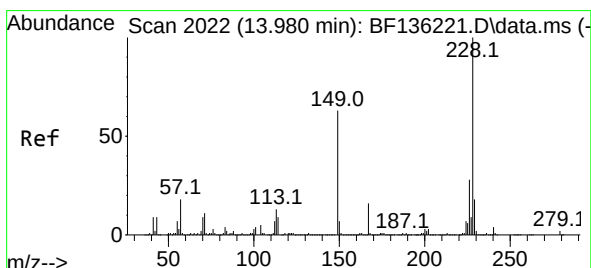
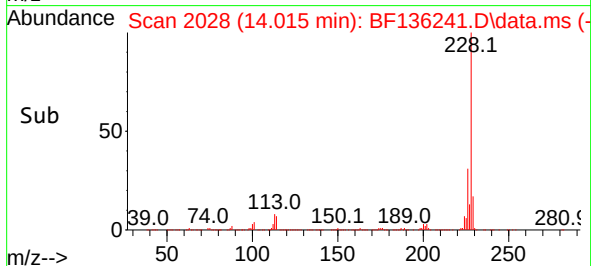
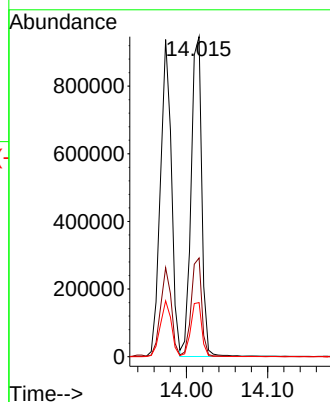
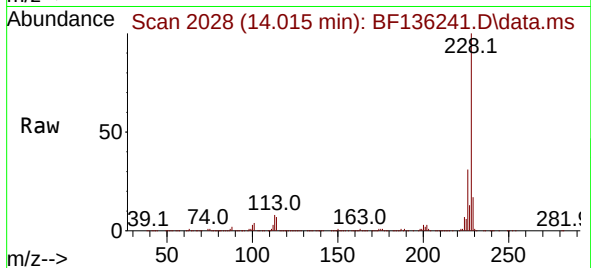
Tgt Ion:228	Resp: 86390
Ion Ratio	Lower Upper
228 100	
226 30.9	25.5 38.3
229 16.9	13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.249 ng

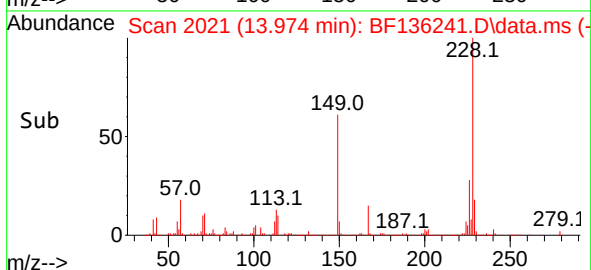
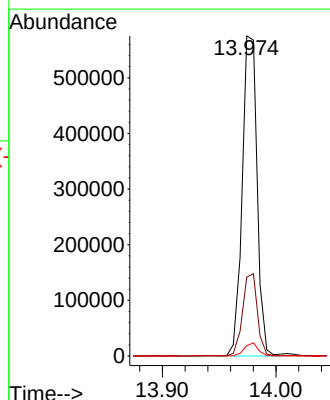
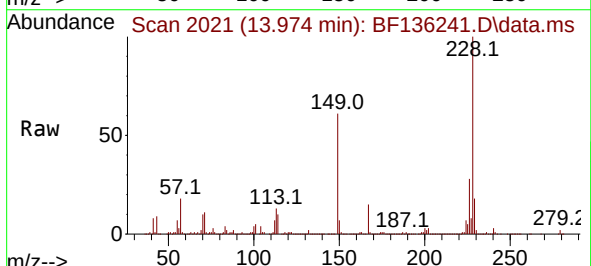
RT: 13.974 min Scan# 2021

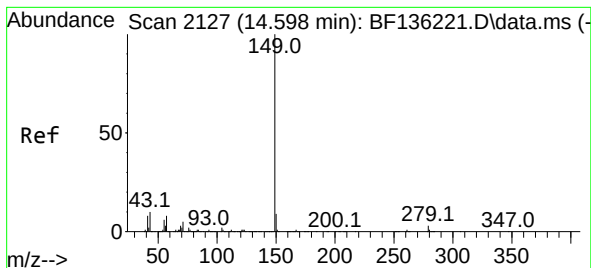
Delta R.T. -0.006 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

Tgt Ion:149	Resp: 525221
Ion Ratio	Lower Upper
149 100	
167 24.7	20.2 30.2
279 3.2	2.4 3.6





#85

Di-n-octyl phthalate

Concen: 54.197 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

PB157023BS

Tgt Ion:149 Resp: 951650

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

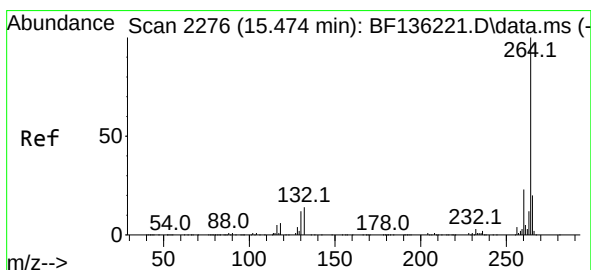
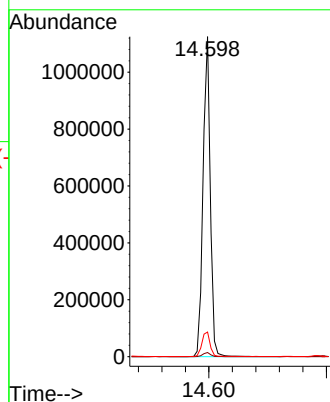
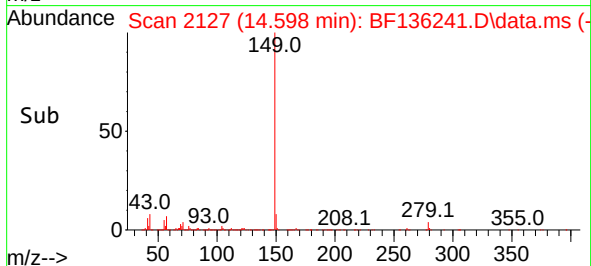
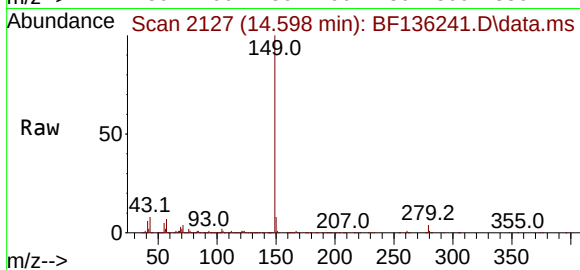
43 8.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136241.D

Acq: 28 Nov 2023 10:51

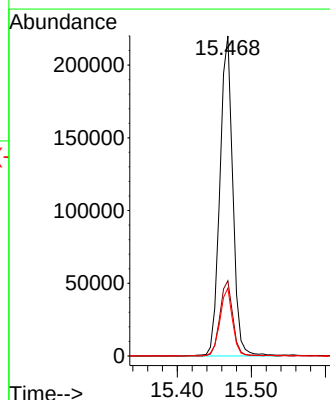
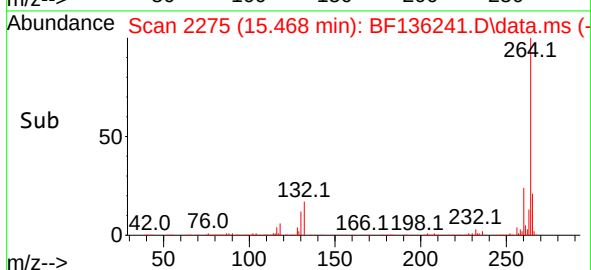
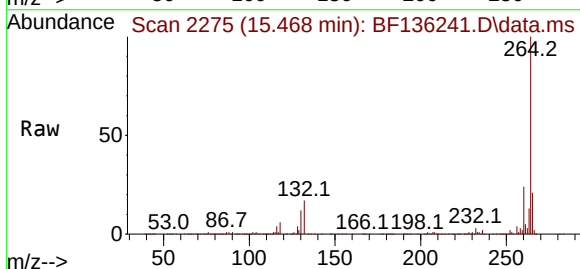
Tgt Ion:264 Resp: 267068

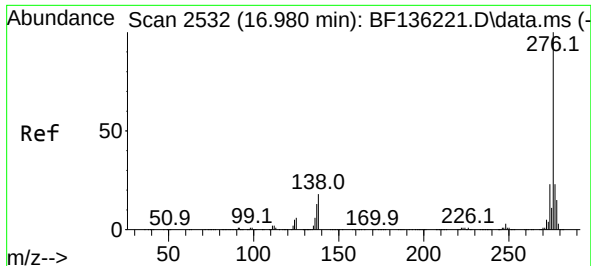
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.2 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.943 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

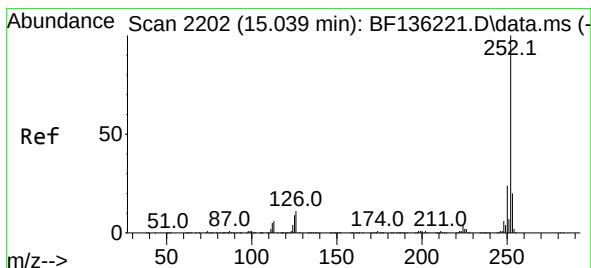
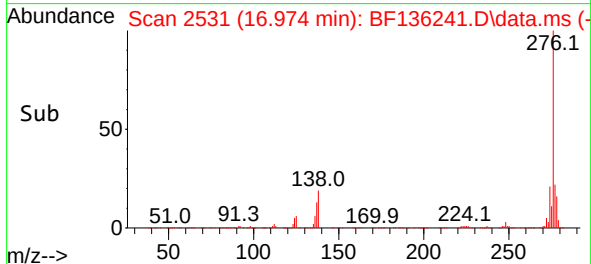
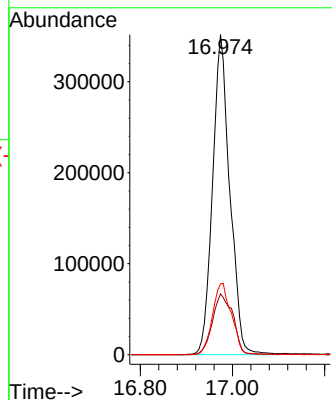
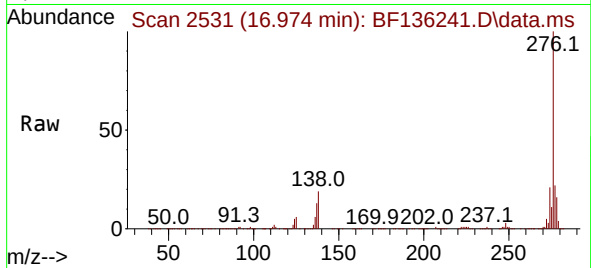
PB157023BS

Tgt Ion:276 Resp: 91472
Ion Ratio Lower Upper
276 100
138 22.5 17.7 26.5
277 24.6 19.6 29.4

Manual Integrations

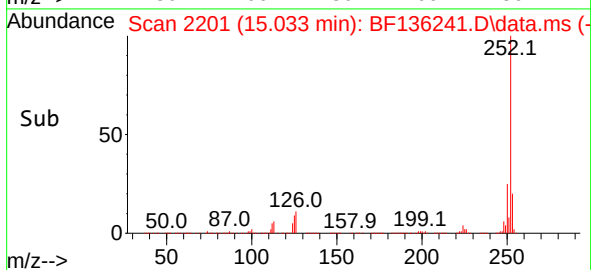
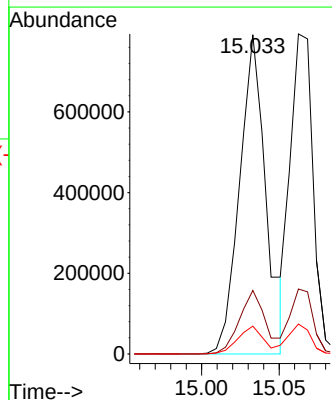
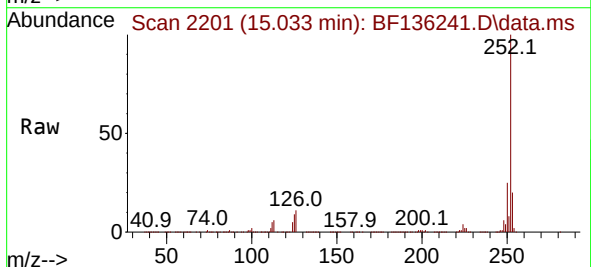
APPROVED

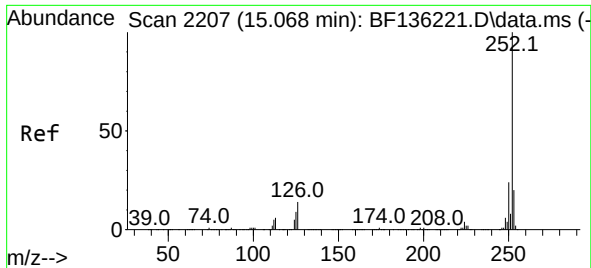
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#88
Benzo(b)fluoranthene
Concen: 49.804 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:252 Resp: 933184
Ion Ratio Lower Upper
252 100
253 19.9 16.2 24.2
125 8.7 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 46.286 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

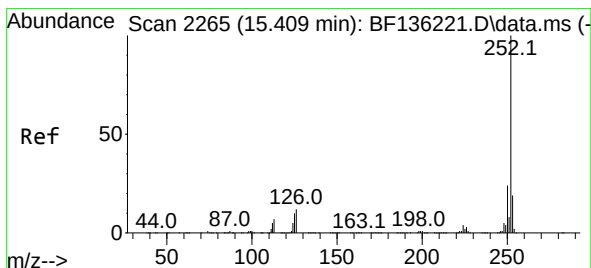
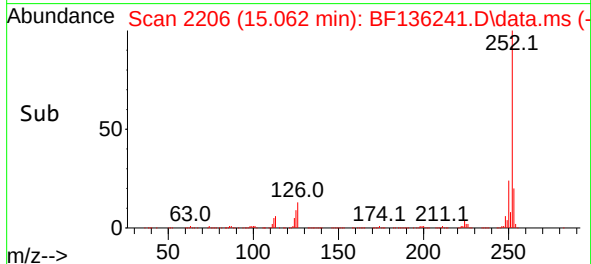
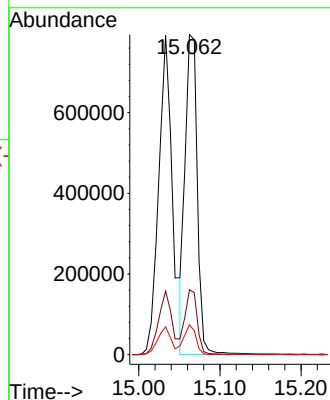
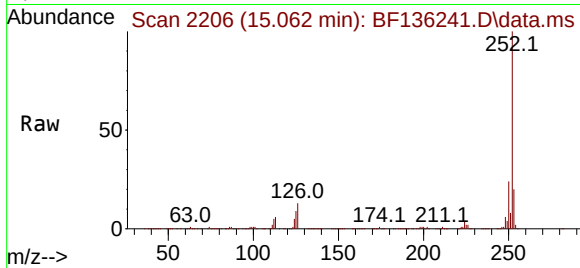
PB157023BS

Tgt Ion:252 Resp: 823704
Ion Ratio Lower Upper
252 100
253 20.3 15.6 23.4
125 9.4 7.0 10.4

Manual Integrations

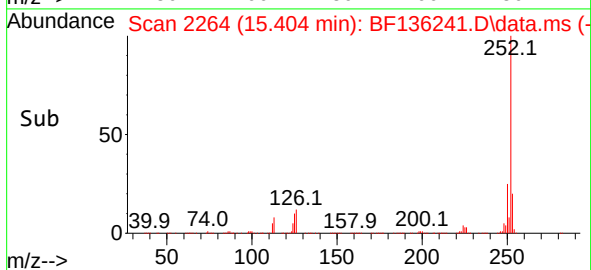
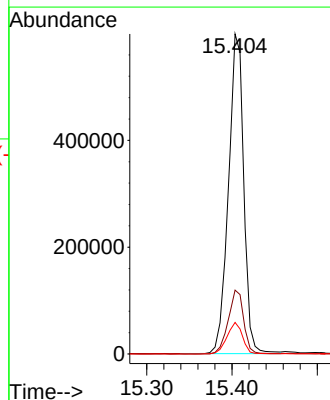
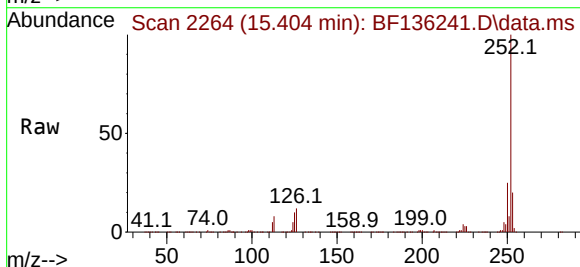
APPROVED

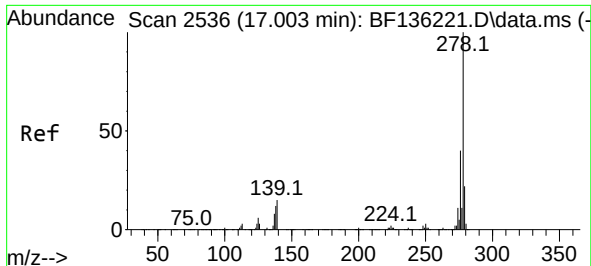
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#90
Benzo(a)pyrene
Concen: 48.648 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.005 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:252 Resp: 745155
Ion Ratio Lower Upper
252 100
253 19.9 15.5 23.3
125 9.9 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 47.003 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Instrument :

BNA_F

ClientSampleId :

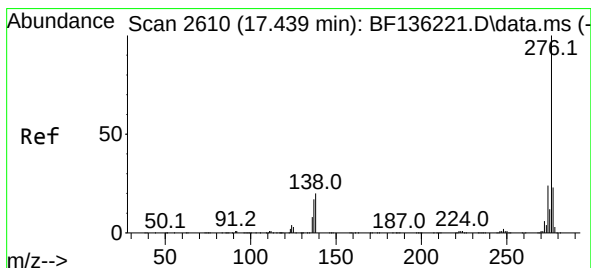
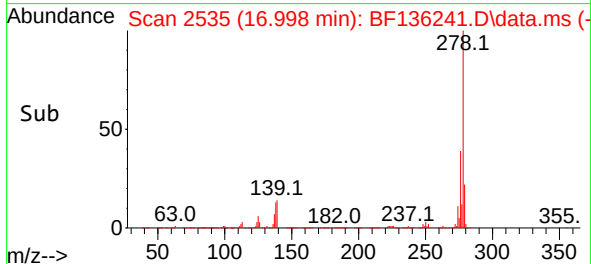
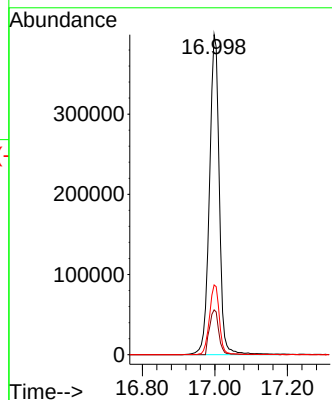
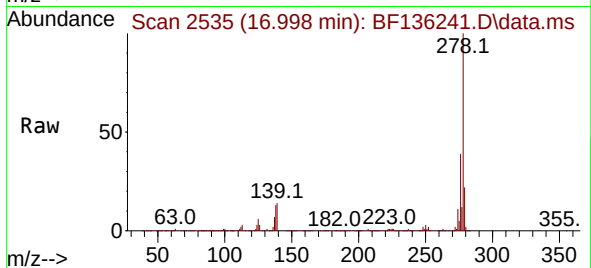
PB157023BS

Tgt Ion:278 Resp: 752129
Ion Ratio Lower Upper
278 100
139 14.0 11.7 17.5
279 21.8 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#92
Benzo(g,h,i)perylene
Concen: 45.349 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136241.D
Acq: 28 Nov 2023 10:51

Tgt Ion:276 Resp: 727346
Ion Ratio Lower Upper
276 100
277 23.0 18.6 27.8
138 19.2 15.8 23.8

