

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136512.D
 Acq On : 12 Dec 2023 12:58
 Operator : CG\JU
 Sample : PB157637BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157637BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 13:29:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	128406	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	540039	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	290059	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	545658	20.000	ng	0.00
76) Chrysene-d12	13.980	240	272290	20.000	ng	0.00
86) Perylene-d12	15.456	264	264163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	973857	112.006	ng	0.02
7) Phenol-d6	6.451	99	1220400	112.500	ng	0.00
23) Nitrobenzene-d5	7.363	82	752706	75.349	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	426123	119.147	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1580467	74.349	ng	0.00
79) Terphenyl-d14	12.921	244	1728537	83.671	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	115369	33.547	ng	98
3) Pyridine	3.416	79	268001	32.179	ng	94
4) n-Nitrosodimethylamine	3.381	42	136258	37.658	ng	92
6) Aniline	6.463	93	386633	35.267	ng	# 6
8) 2-Chlorophenol	6.586	128	394337	41.544	ng	100
9) Benzaldehyde	6.351	77	191450	33.648	ng	98
10) Phenol	6.463	94	447898	38.802	ng	82
11) bis(2-Chloroethyl)ether	6.539	93	341750	39.719	ng	98
12) 1,3-Dichlorobenzene	6.739	146	389602	36.497	ng	97
13) 1,4-Dichlorobenzene	6.816	146	403168	37.232	ng	99
14) 1,2-Dichlorobenzene	6.969	146	385292	37.838	ng	99
15) Benzyl Alcohol	6.945	79	302865	41.693	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	416968	37.679	ng	94
17) 2-Methylphenol	7.063	107	314858	41.058	ng	95
18) Hexachloroethane	7.304	117	142101	37.587	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	246349	39.367	ng	99
20) 3+4-Methylphenols	7.216	107	380742	40.000	ng	# 82
22) Acetophenone	7.210	105	528813	39.654	ng	# 95
24) Nitrobenzene	7.381	77	371017	36.920	ng	99
25) Isophorone	7.622	82	704129	39.233	ng	97
26) 2-Nitrophenol	7.698	139	209230	42.351	ng	92
27) 2,4-Dimethylphenol	7.739	122	350798	57.585	ng	98
28) bis(2-Chloroethoxy)met...	7.833	93	439629	39.864	ng	98
29) 2,4-Dichlorophenol	7.939	162	331286	41.200	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	355004	37.863	ng	98
31) Naphthalene	8.098	128	1130170	37.949	ng	99
32) Benzoic acid	7.880	122	261217	43.225	ng	98
33) 4-Chloroaniline	8.151	127	288913	27.212	ng	98
34) Hexachlorobutadiene	8.210	225	202279	36.403	ng	98
35) Caprolactam	8.533	113	110435m	44.599	ng	
36) 4-Chloro-3-methylphenol	8.639	107	355672	41.659	ng	100
37) 2-Methylnaphthalene	8.792	142	750064	39.589	ng	94
38) 1-Methylnaphthalene	8.892	142	696216	37.448	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	362622	40.183	ng	99
41) Hexachlorocyclopentadiene	8.939	237	354940	106.167	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	243744	41.482	ng	99

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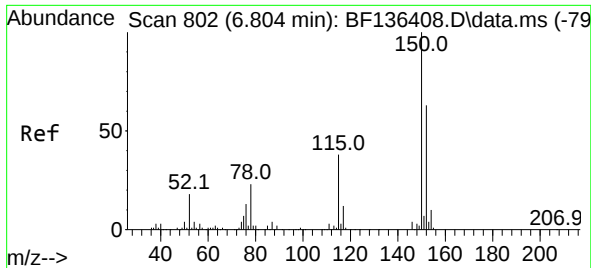
Manual Integrations
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 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 13:29:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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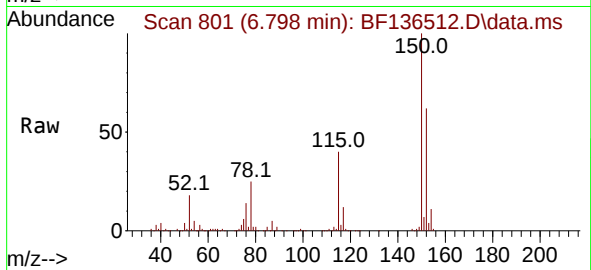
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	264716	40.365	ng	95
46) 1,1'-Biphenyl	9.257	154	974821	39.497	ng	98
47) 2-Chloronaphthalene	9.280	162	732307	38.122	ng	97
48) 2-Nitroaniline	9.380	65	211080	40.969	ng	94
49) Acenaphthylene	9.698	152	1092532	39.925	ng	99
50) Dimethylphthalate	9.569	163	893284	41.830	ng	100
51) 2,6-Dinitrotoluene	9.627	165	196003	40.797	ng	96
52) Acenaphthene	9.869	154	686213	39.132	ng	97
53) 3-Nitroaniline	9.798	138	163363	33.299	ng	98
54) 2,4-Dinitrophenol	9.910	184	213831	88.031	ng	98
55) Dibenzofuran	10.045	168	1014211	39.591	ng	100
56) 4-Nitrophenol	9.974	139	299743	81.501	ng	89
57) 2,4-Dinitrotoluene	10.033	165	255392	40.184	ng	92
58) Fluorene	10.386	166	812020	39.488	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	231489	44.067	ng	99
60) Diethylphthalate	10.269	149	863226	41.108	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	401879	40.089	ng	94
62) 4-Nitroaniline	10.416	138	196508	40.339	ng	96
63) Azobenzene	10.539	77	747476	39.107	ng	96
65) 4,6-Dinitro-2-methylph...	10.445	198	151238	44.754	ng	87
66) n-Nitrosodiphenylamine	10.504	169	734960	41.976	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	260435	41.051	ng	# 92
68) Hexachlorobenzene	10.933	284	293104	39.974	ng	98
69) Atrazine	11.039	200	326257	65.286	ng	98
70) Pentachlorophenol	11.133	266	297683	71.934	ng	99
71) Phenanthrene	11.351	178	1229282	40.987	ng	99
72) Anthracene	11.404	178	1245701	41.237	ng	99
73) Carbazole	11.563	167	1041707	38.962	ng	99
74) Di-n-butylphthalate	11.892	149	1315384	40.132	ng	99
75) Fluoranthene	12.545	202	1159059	36.878	ng	98
77) Benzidine	12.668	184	293975	44.209	ng	99
78) Pyrene	12.774	202	1140794	42.779	ng	98
80) Butylbenzylphthalate	13.398	149	405570	42.723	ng	91
81) Benzo(a)anthracene	13.968	228	784059	41.339	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	247909	46.618	ng	99
83) Chrysene	14.009	228	751712	40.283	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	491701	42.251	ng	98
85) Di-n-octyl phthalate	14.580	149	743492	43.252	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	858422	46.775	ng	99
88) Benzo(b)fluoranthene	15.027	252	736414	40.773	ng	99
89) Benzo(k)fluoranthene	15.057	252	700705	41.166	ng	100
90) Benzo(a)pyrene	15.398	252	635616	42.613	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	707667	47.069	ng	98
92) Benzo(g,h,i)perylene	17.427	276	704200	45.634	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

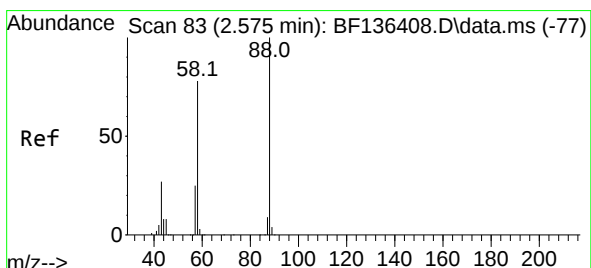
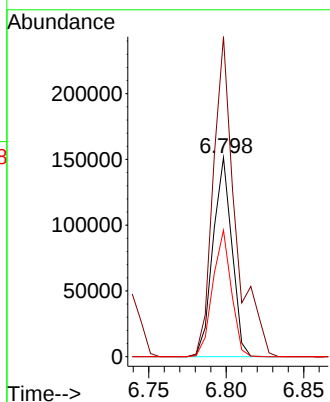
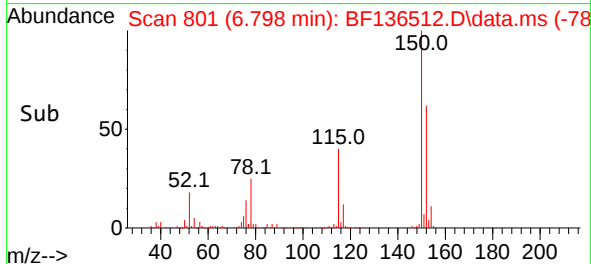
Instrument :
BNA_F
ClientSampleId :
PB157637BS



Tgt Ion:152 Resp: 128400
Ion Ratio Lower Upper
152 100
150 160.7 126.4 189.6
115 63.5 48.2 72.4

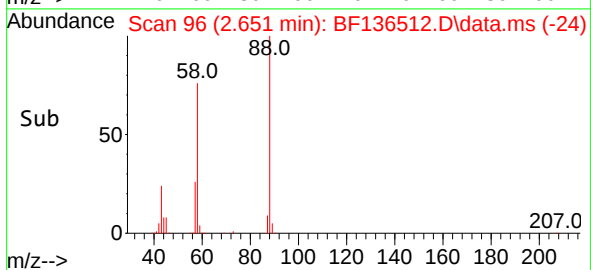
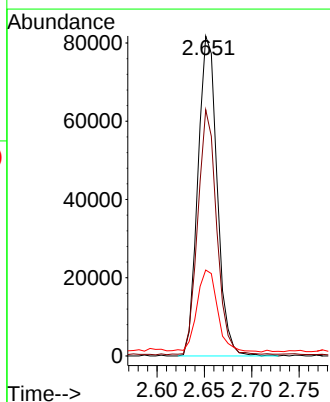
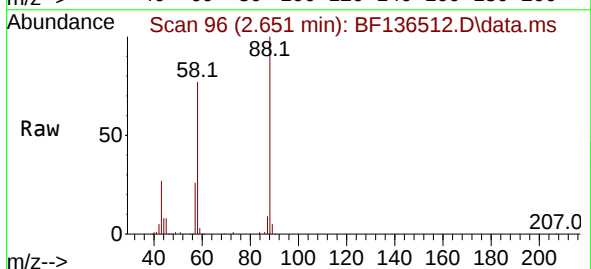
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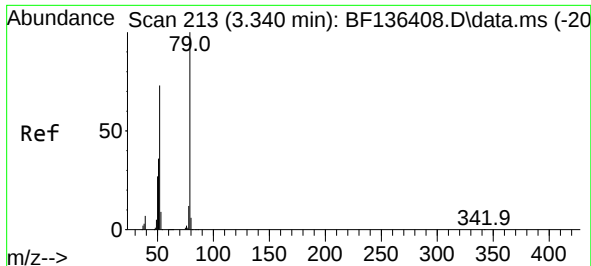
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#2
1,4-Dioxane
Concen: 33.547 ng
RT: 2.651 min Scan# 96
Delta R.T. 0.076 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion: 88 Resp: 115369
Ion Ratio Lower Upper
88 100
58 75.3 62.2 93.2
43 27.6 21.5 32.3





#3

Pyridine

Concen: 32.179 ng

RT: 3.416 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

Tgt Ion: 79 Resp: 26800

Ion Ratio Lower Upper

79 100

52 68.2 58.2 87.2

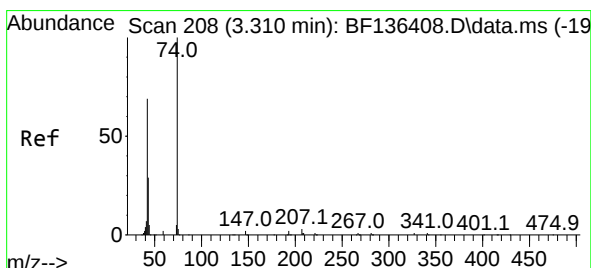
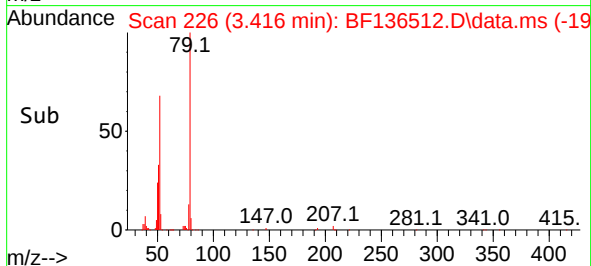
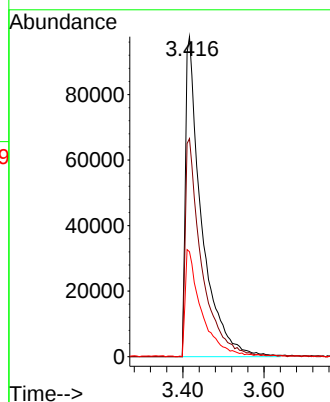
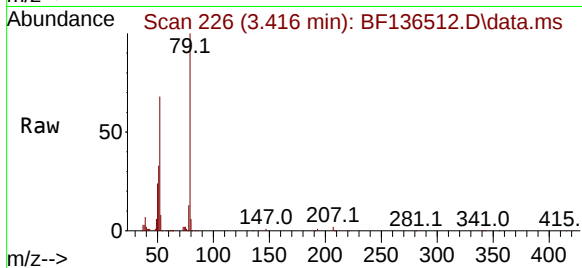
51 32.8 29.1 43.7

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2023



#4

n-Nitrosodimethylamine

Concen: 37.658 ng

RT: 3.381 min Scan# 220

Delta R.T. 0.070 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

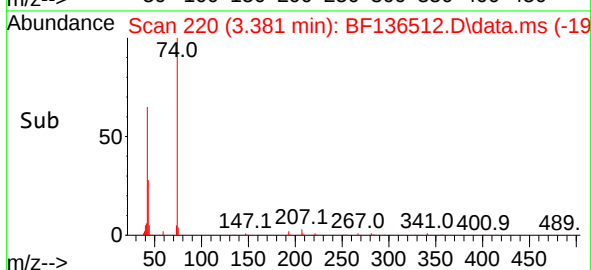
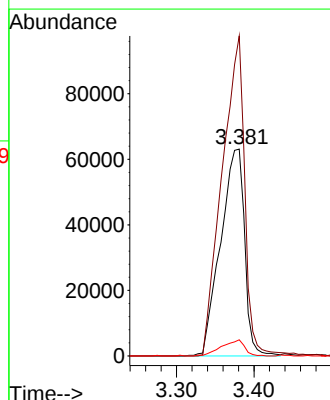
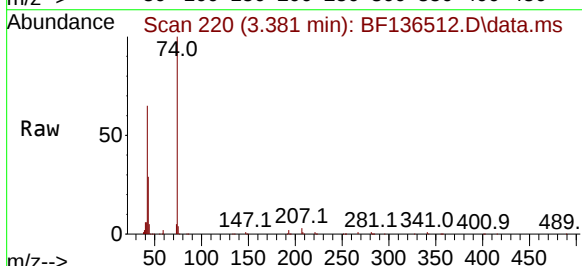
Tgt Ion: 42 Resp: 136258

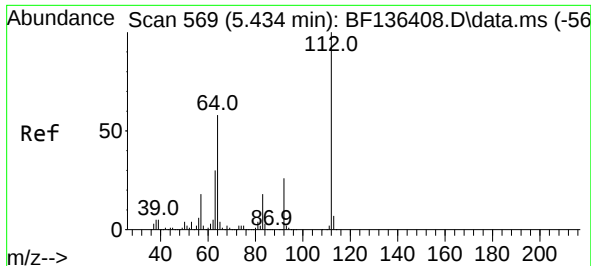
Ion Ratio Lower Upper

42 100

74 154.7 115.4 173.0

44 7.8 6.2 9.2





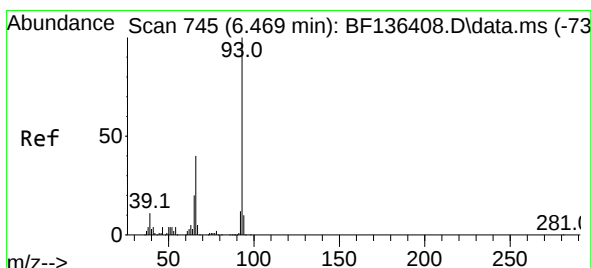
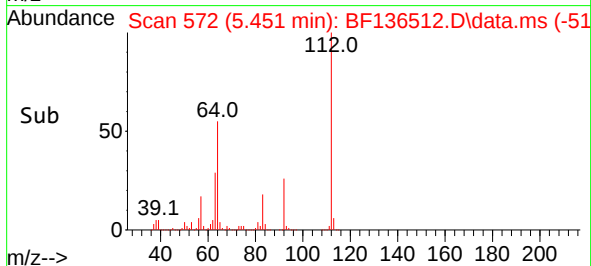
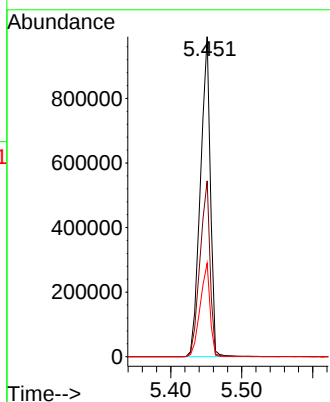
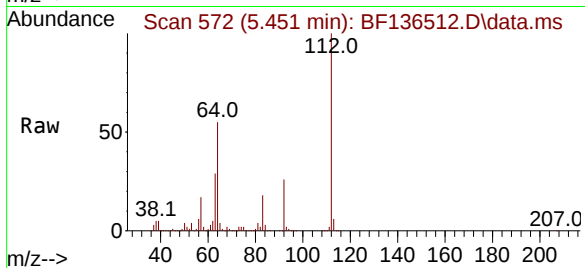
#5
2-Fluorophenol
Concen: 112.006 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB157637BS

Tgt Ion:112 Resp: 97385
Ion Ratio Lower Upper
112 100
64 55.0 46.5 69.7
63 29.2 23.9 35.9

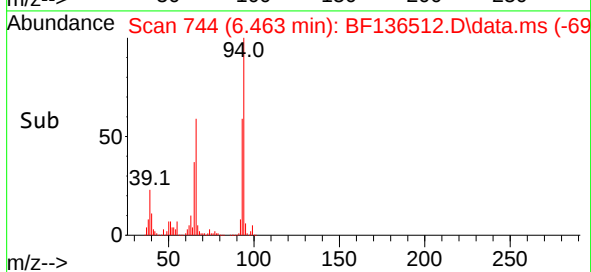
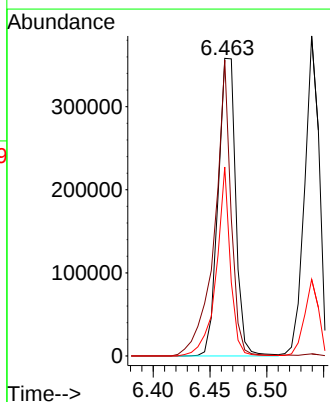
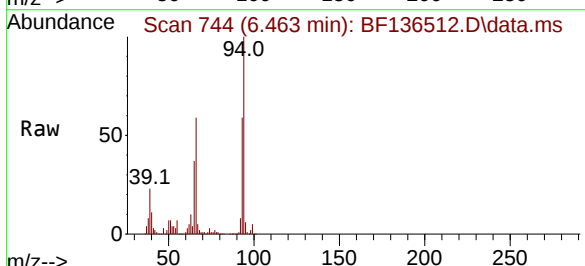
Manual Integrations
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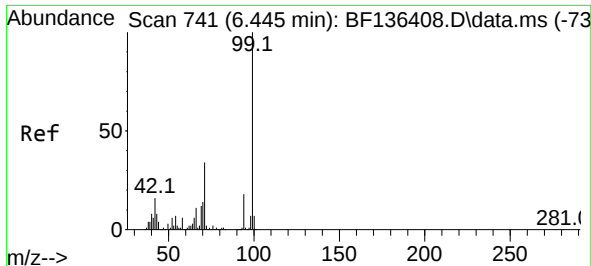
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#6
Aniline
Concen: 35.267 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion: 93 Resp: 386633
Ion Ratio Lower Upper
93 100
66 99.4 32.5 48.7#
65 63.5 16.4 24.6#





#7

Phenol-d6

Concen: 112.500 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

Tgt Ion: 99 Resp: 1220400

Ion Ratio Lower Upper

99 100

42 15.3 12.8 19.2

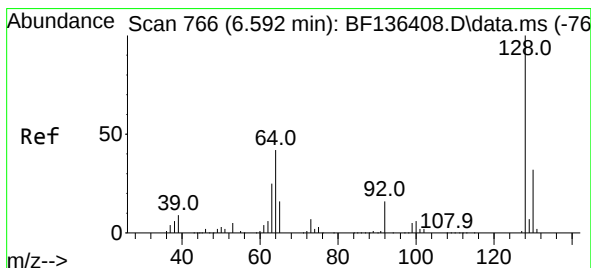
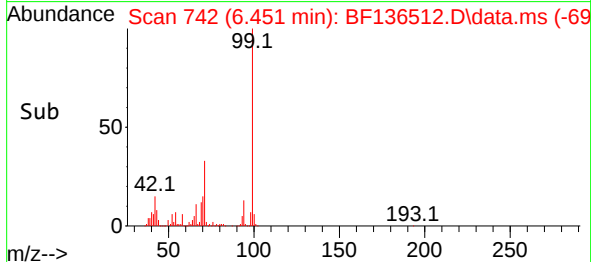
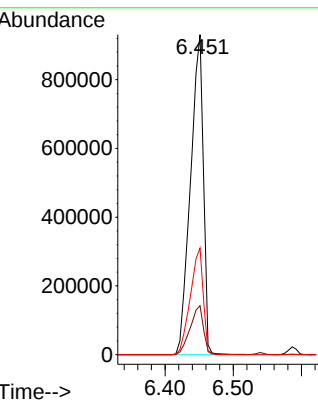
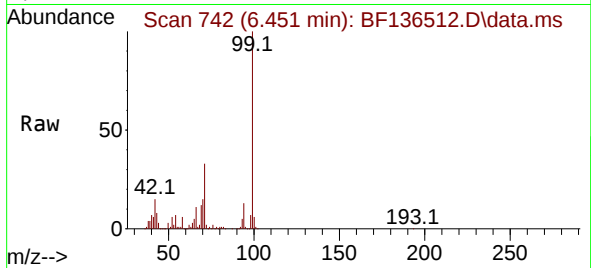
71 33.3 27.0 40.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.544 ng

RT: 6.586 min Scan# 765

Delta R.T. -0.006 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

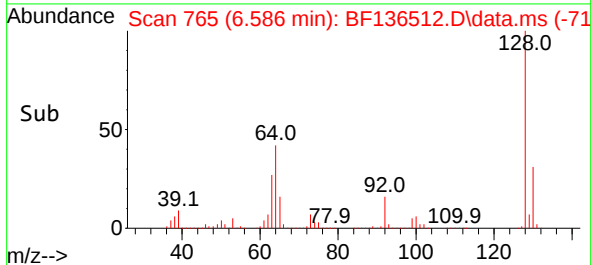
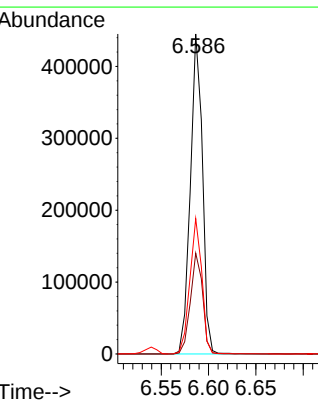
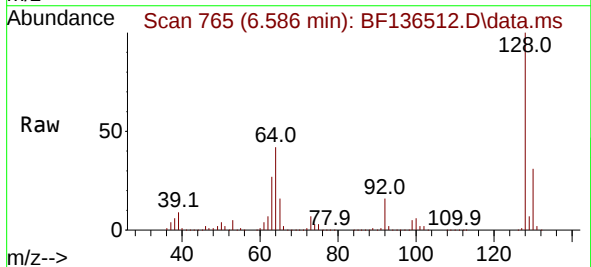
Tgt Ion:128 Resp: 394337

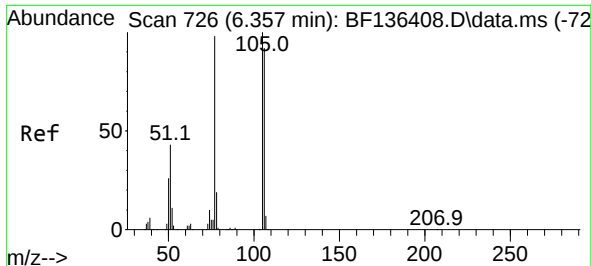
Ion Ratio Lower Upper

128 100

130 31.5 11.7 51.7

64 42.3 22.5 62.5





#9

Benzaldehyde

Concen: 33.648 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136512.D

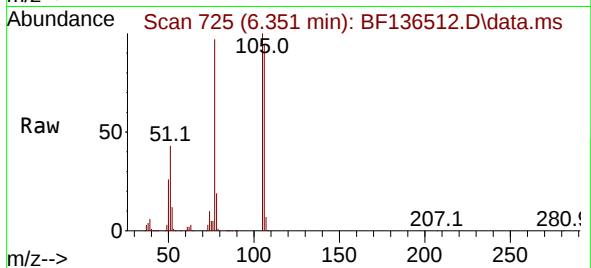
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS



Tgt Ion: 77 Resp: 191450

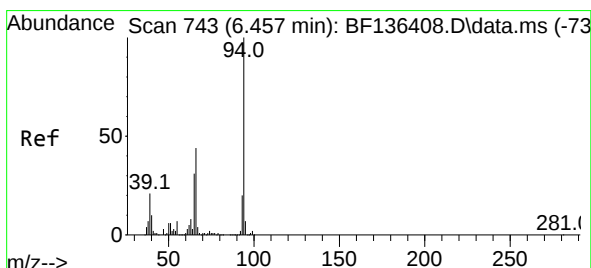
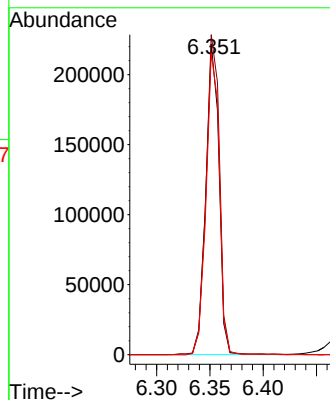
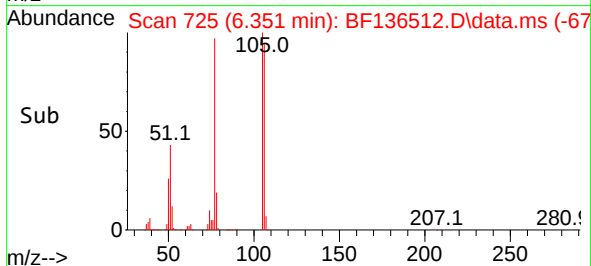
Ion	Ratio	Lower	Upper
77	100		
105	103.0	82.5	122.5
106	97.0	74.5	114.5

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2023



#10

Phenol

Concen: 38.802 ng

RT: 6.463 min Scan# 744

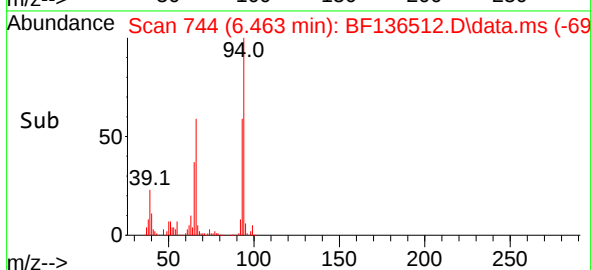
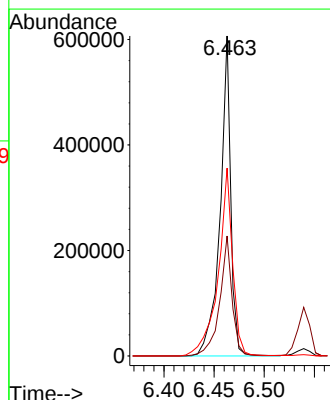
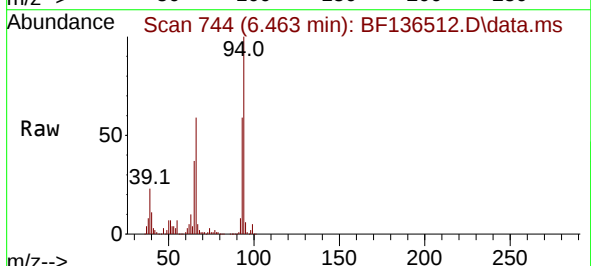
Delta R.T. 0.006 min

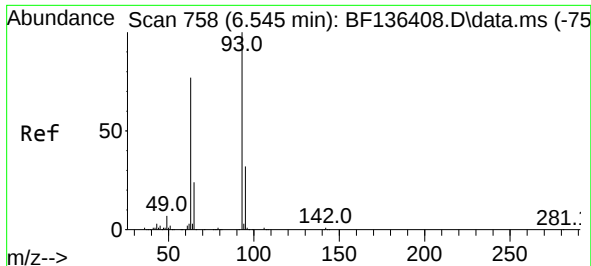
Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Tgt Ion: 94 Resp: 447898

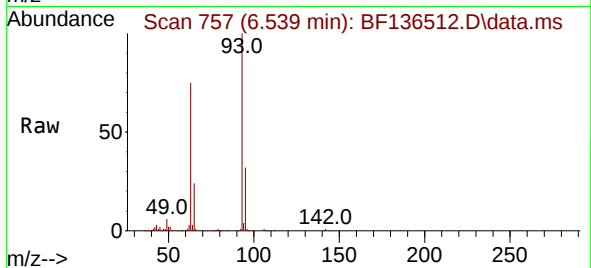
Ion	Ratio	Lower	Upper
94	100		
65	37.5	11.2	51.2
66	58.7	24.2	64.2





#11
bis(2-Chloroethyl)ether
Concen: 39.719 ng
RT: 6.539 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

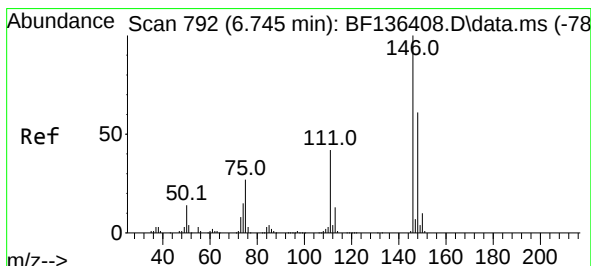
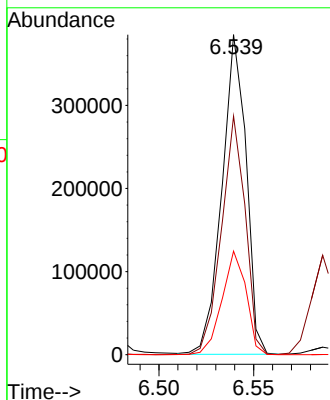
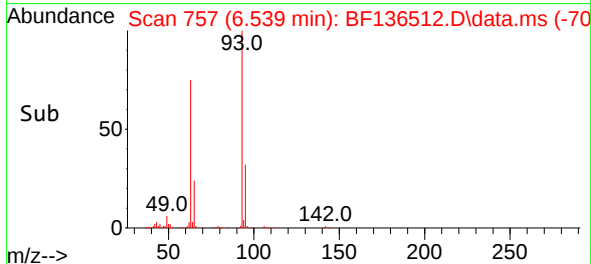
Instrument :
BNA_F
ClientSampleId :
PB157637BS



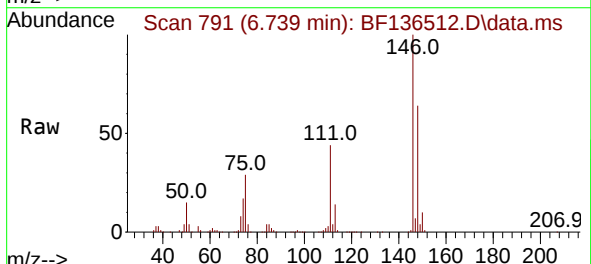
Tgt Ion: 93 Resp: 341750
Ion Ratio Lower Upper
93 100
63 74.5 56.8 96.8
95 32.4 11.8 51.8

Manual Integrations
APPROVED

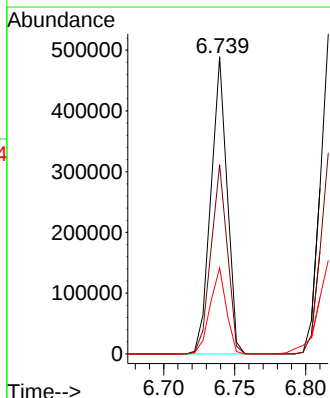
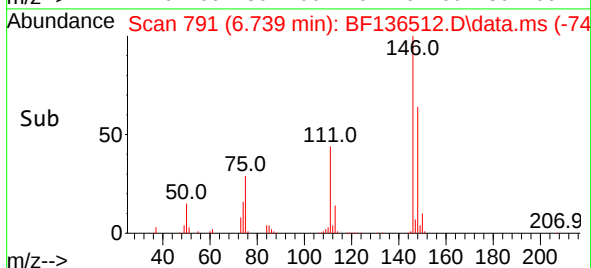
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

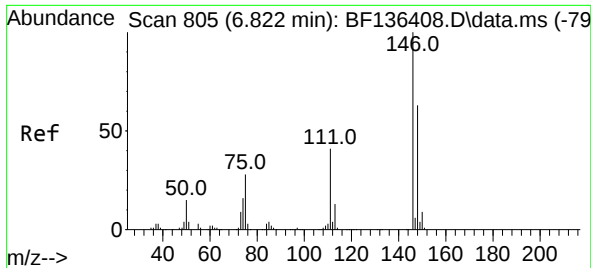


#12
1,3-Dichlorobenzene
Concen: 36.497 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



Tgt Ion:146 Resp: 389602
Ion Ratio Lower Upper
146 100
148 63.7 49.0 73.6
75 29.0 21.8 32.6





#13
1,4-Dichlorobenzene
Concen: 37.232 ng
RT: 6.816 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

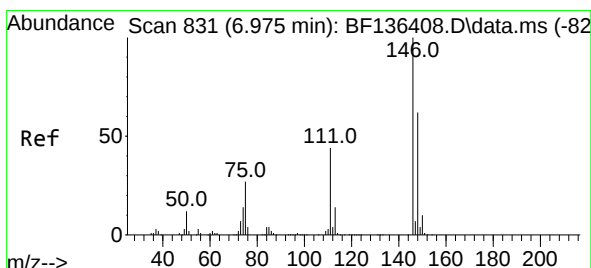
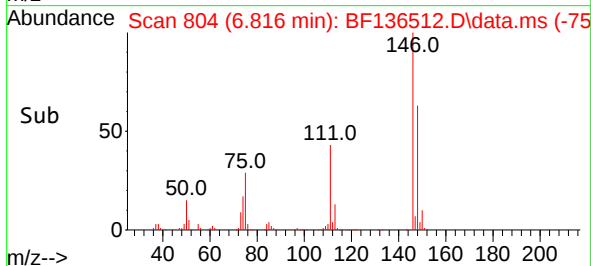
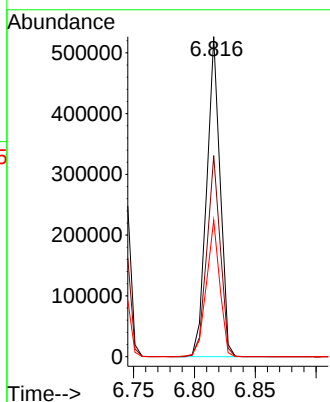
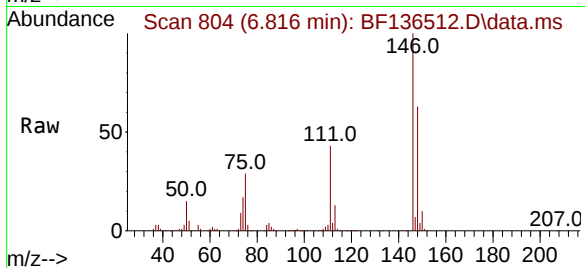
ClientSampleId :

PB157637BS

Tgt Ion:146 Resp: 403168
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
111 42.7 32.6 49.0

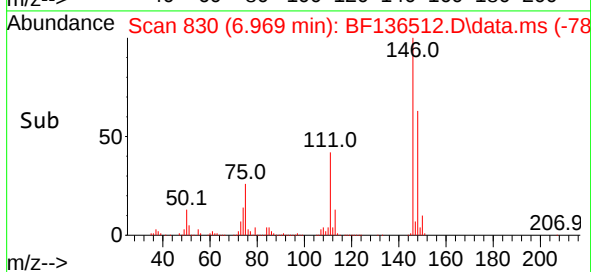
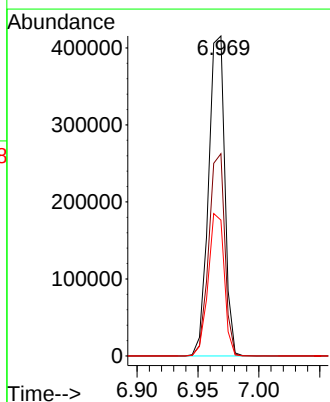
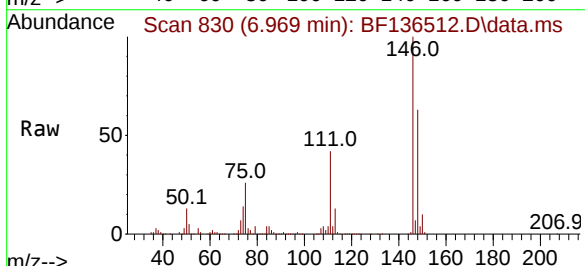
Manual Integrations
APPROVED

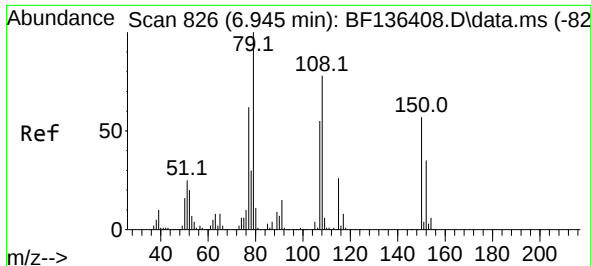
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#14
1,2-Dichlorobenzene
Concen: 37.838 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion:146 Resp: 385292
Ion Ratio Lower Upper
146 100
148 63.2 49.8 74.6
111 42.5 34.9 52.3





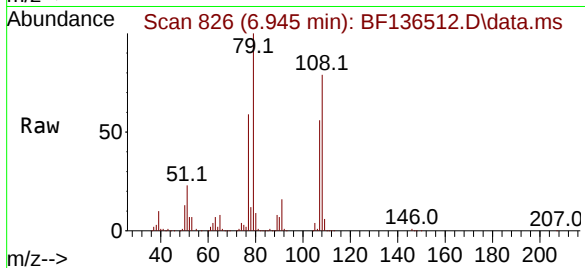
#15
Benzyl Alcohol
Concen: 41.693 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

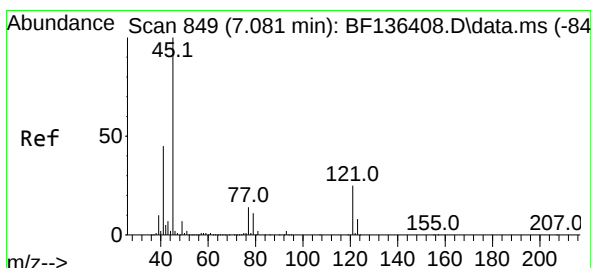
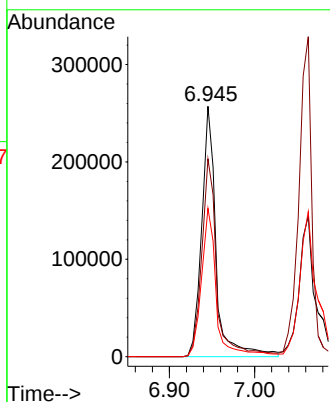
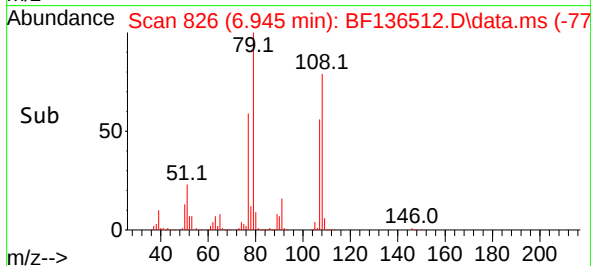
PB157637BS



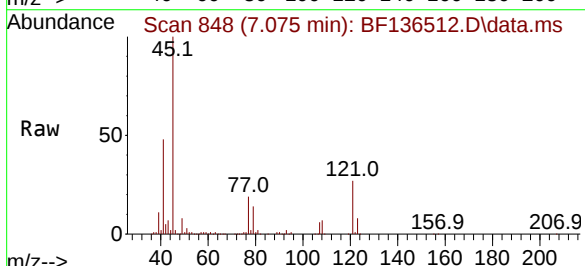
Tgt Ion: 79 Resp: 30286
Ion Ratio Lower Upper
79 100
108 79.0 62.3 93.5
77 59.2 49.8 74.8

Manual Integrations
APPROVED

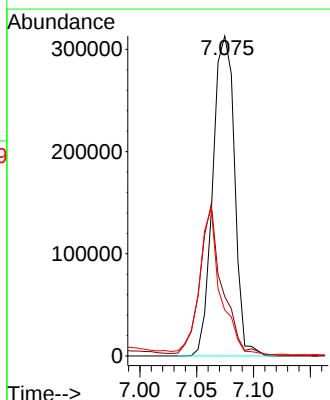
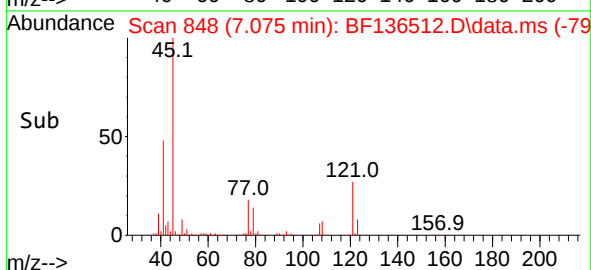
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

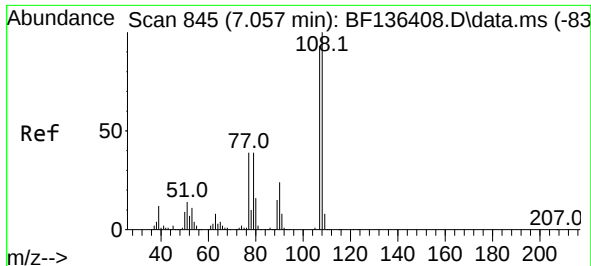


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.679 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



Tgt Ion: 45 Resp: 416968
Ion Ratio Lower Upper
45 100
77 18.6 0.0 35.3
79 14.4 0.0 32.5





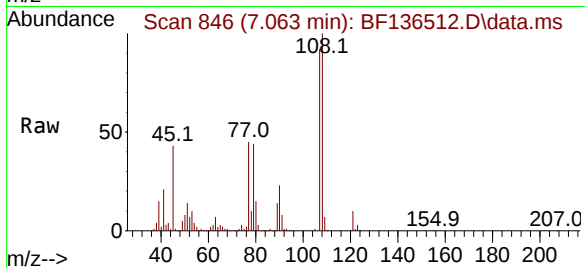
#17
2-Methylphenol
Concen: 41.058 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

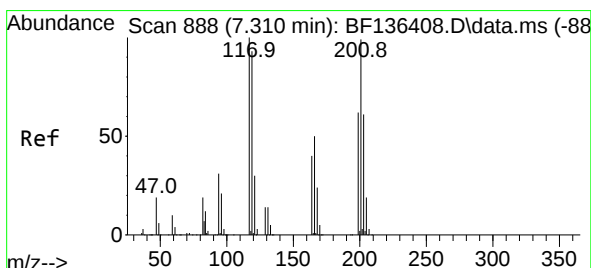
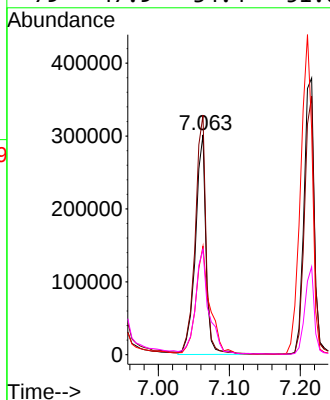
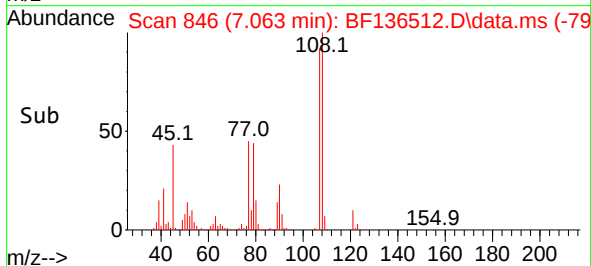


Tgt Ion:107 Resp: 314858
Ion Ratio Lower Upper
107 100
108 109.0 86.5 129.7
77 49.3 33.8 50.8
79 47.9 34.4 51.6

Manual Integrations

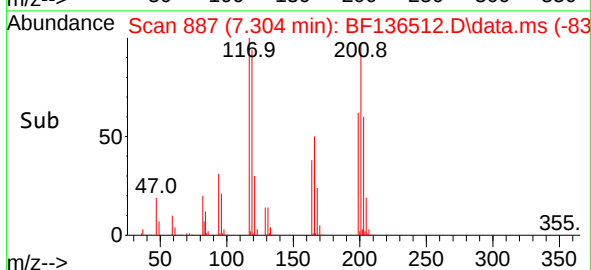
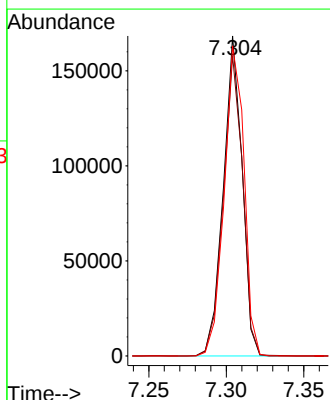
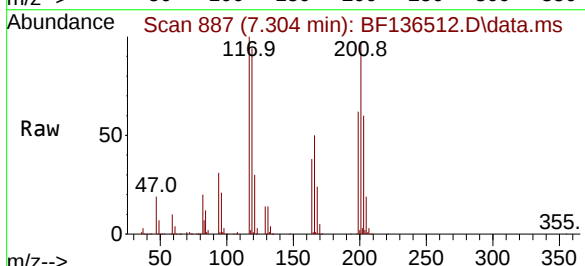
APPROVED

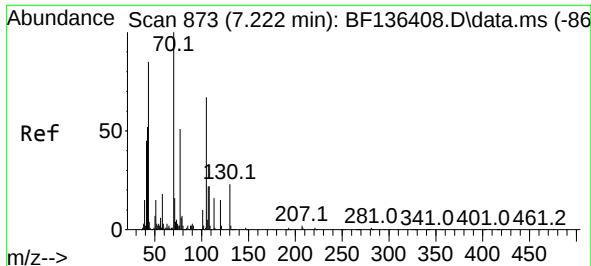
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#18
Hexachloroethane
Concen: 37.587 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion:117 Resp: 142101
Ion Ratio Lower Upper
117 100
119 93.8 74.3 111.5
201 96.9 79.3 118.9





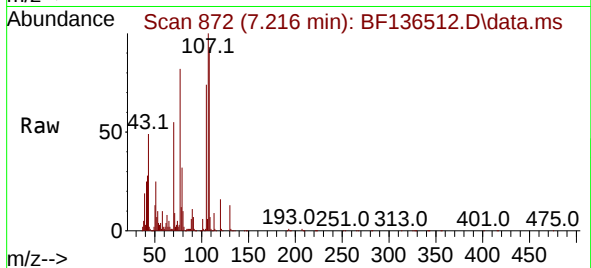
#19
n-Nitroso-di-n-propylamine
Concen: 39.367 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

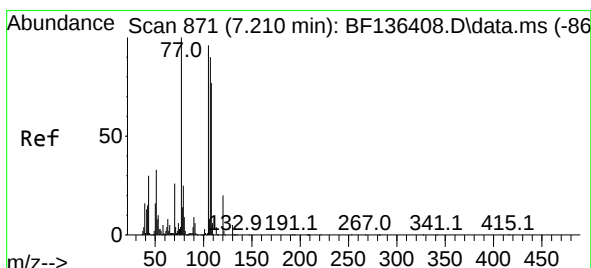
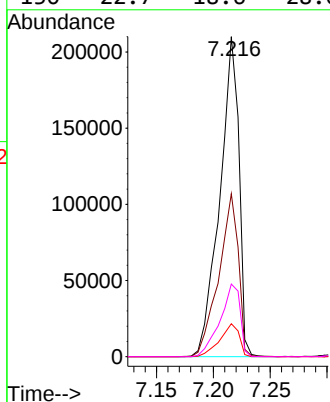
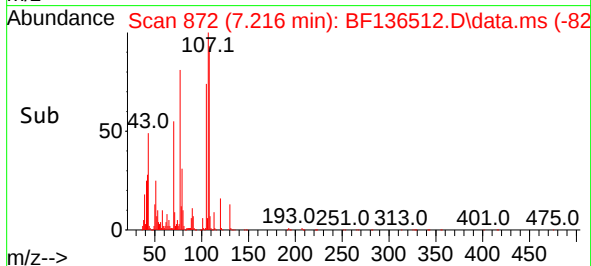


Tgt Ion: 70 Resp: 246349
Ion Ratio Lower Upper
70 100
42 50.9 41.4 62.0
101 10.3 8.2 12.4
130 22.7 18.6 28.0

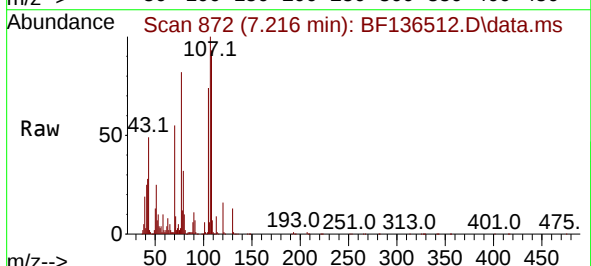
Manual Integrations

APPROVED

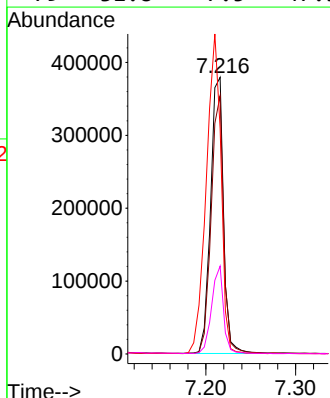
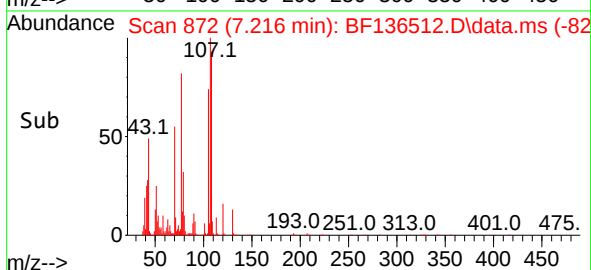
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

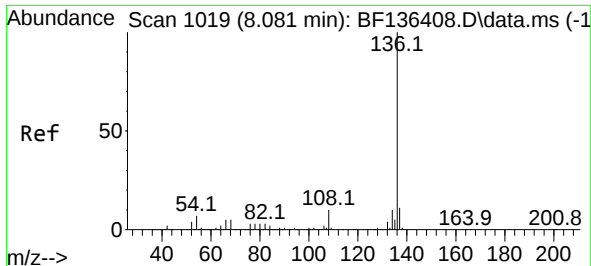


#20
3+4-Methylphenols
Concen: 40.000 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



Tgt Ion:107 Resp: 380742
Ion Ratio Lower Upper
107 100
108 93.3 65.9 105.9
77 81.5 91.7 131.7#
79 31.8 7.5 47.5





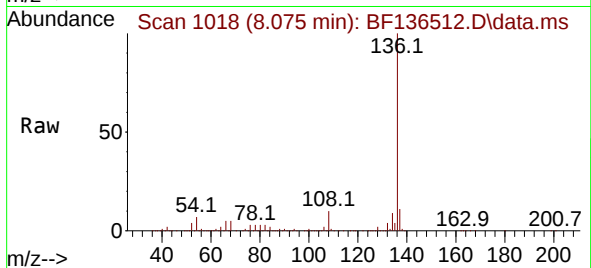
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

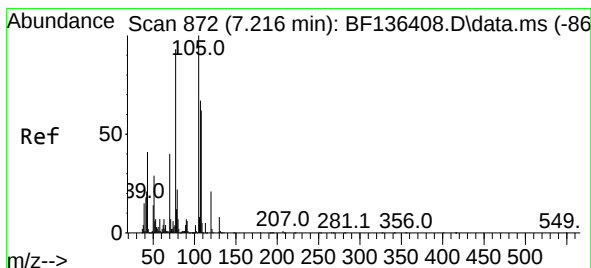
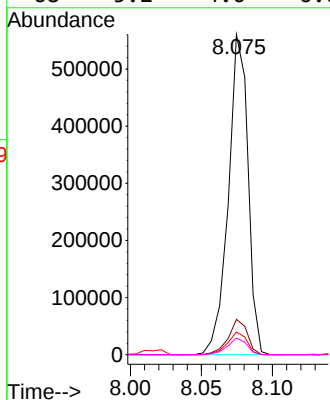
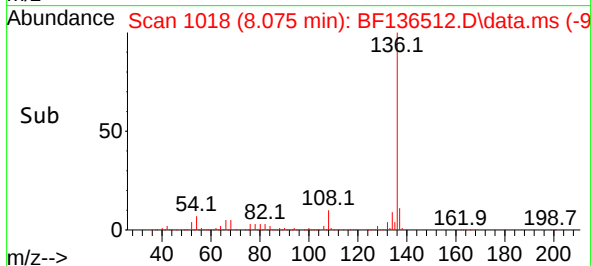


Tgt Ion:136 Resp: 540039
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.1 5.7 8.5
68 5.2 4.0 6.0

Manual Integrations

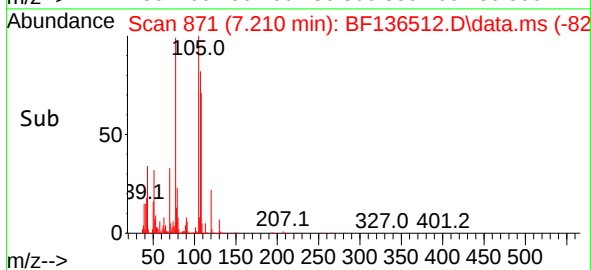
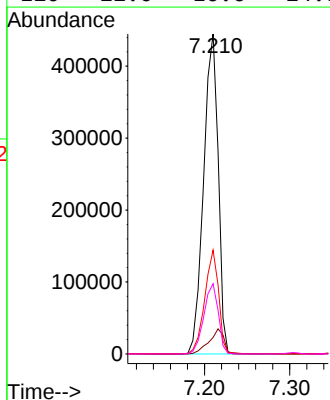
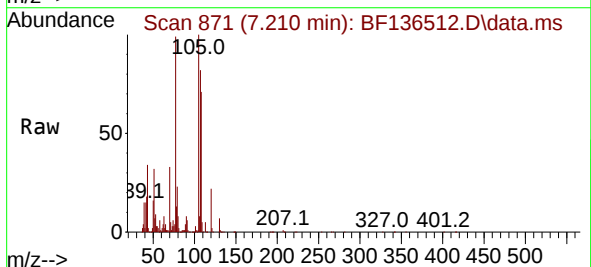
APPROVED

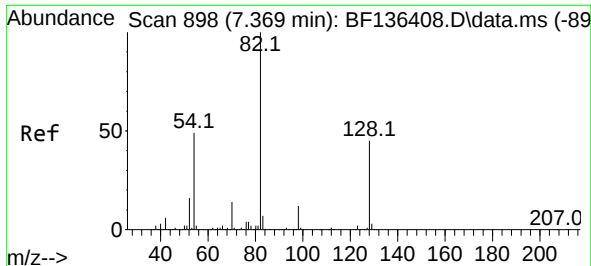
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#22
Acetophenone
Concen: 39.654 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion:105 Resp: 528813
Ion Ratio Lower Upper
105 100
71 5.1 5.4 8.0#
51 32.4 23.4 35.2
120 22.0 16.6 24.8





#23

Nitrobenzene-d5

Concen: 75.349 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

Tgt Ion: 82 Resp: 752700

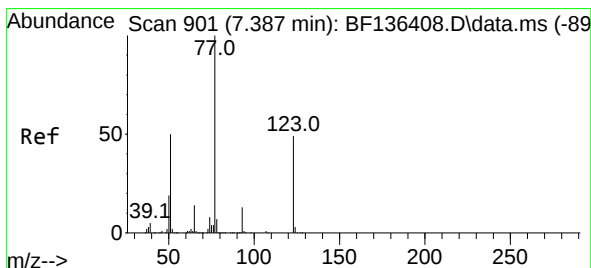
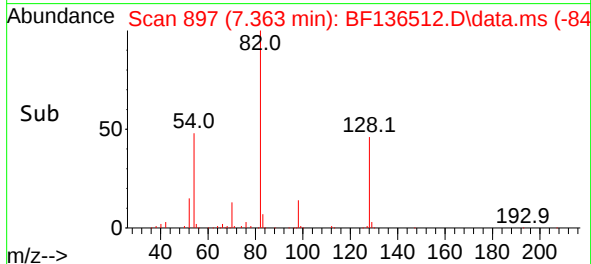
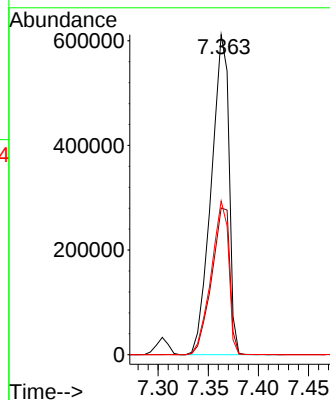
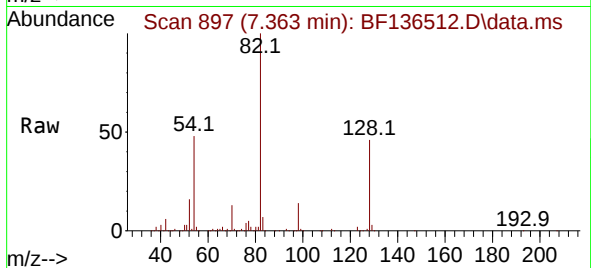
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.3	54.5
54	48.1	39.0	58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#24

Nitrobenzene

Concen: 36.920 ng

RT: 7.381 min Scan# 900

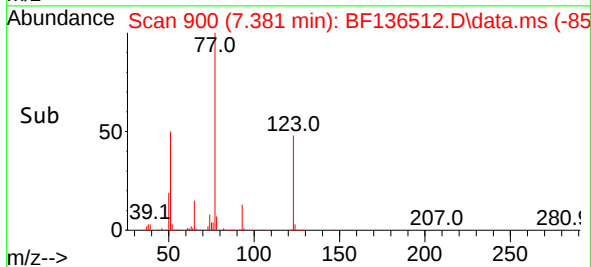
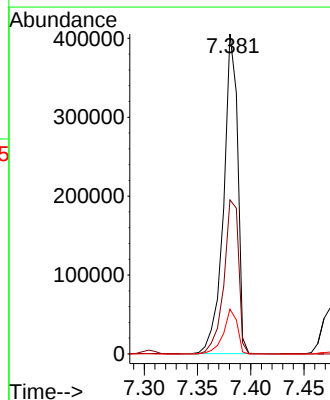
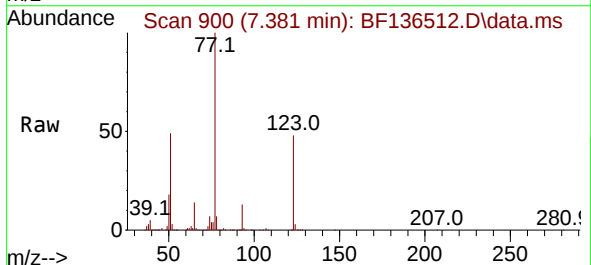
Delta R.T. -0.006 min

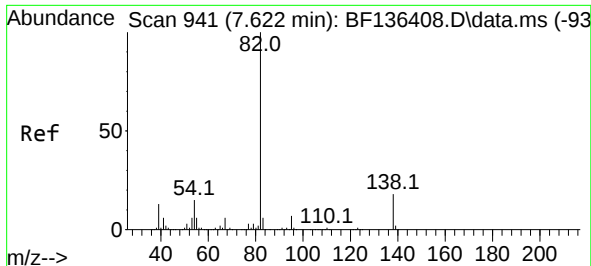
Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Tgt Ion: 77 Resp: 371017

Ion	Ratio	Lower	Upper
77	100		
123	48.2	39.0	58.6
65	14.0	11.3	16.9





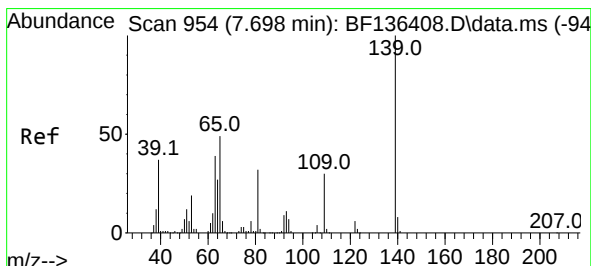
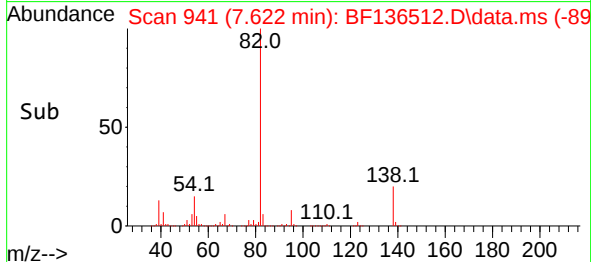
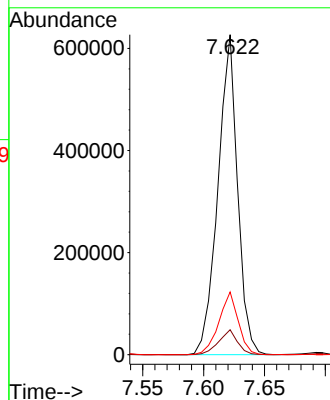
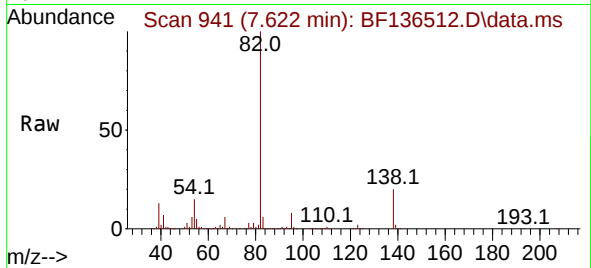
#25
Isophorone
Concen: 39.233 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB157637BS

Tgt Ion: 82 Resp: 704129
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 19.6 14.5 21.7

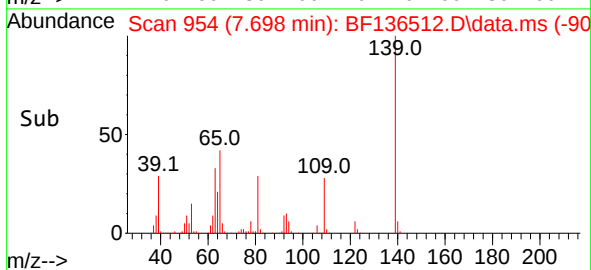
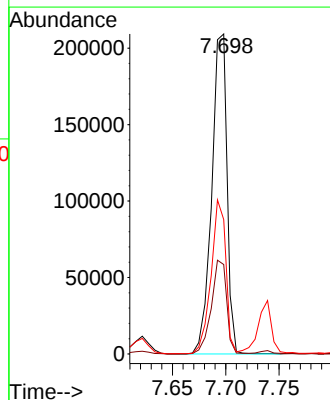
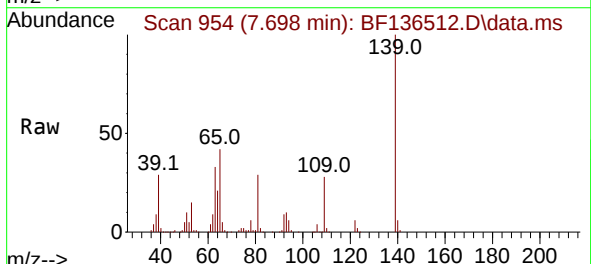
Manual Integrations
APPROVED

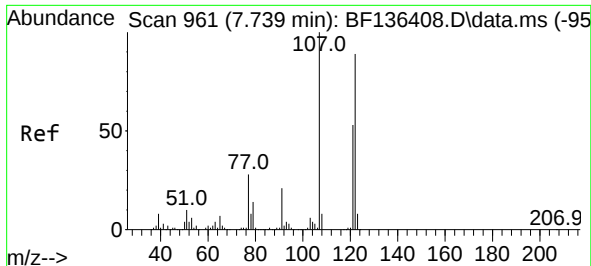
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#26
2-Nitrophenol
Concen: 42.351 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion:139 Resp: 209230
Ion Ratio Lower Upper
139 100
109 27.9 23.6 35.4
65 42.0 39.4 59.2





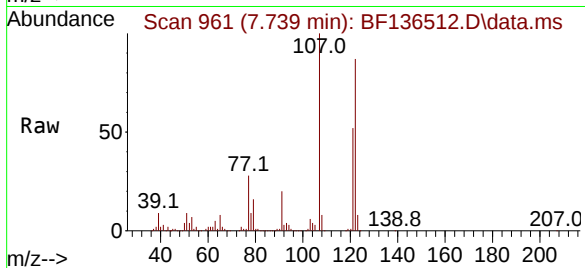
#27
2,4-Dimethylphenol
Concen: 57.585 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

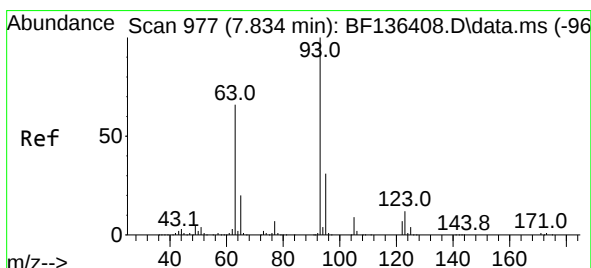
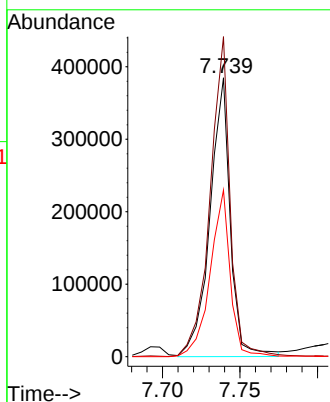
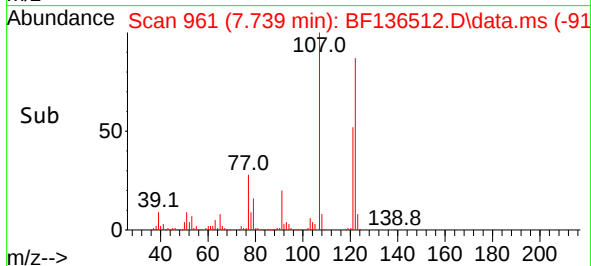


Tgt Ion:122 Resp: 350798
Ion Ratio Lower Upper
122 100
107 114.7 89.3 133.9
121 59.7 47.6 71.4

Manual Integrations

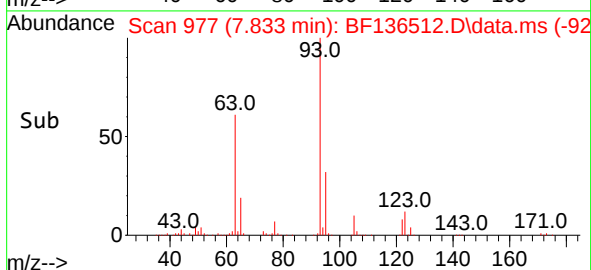
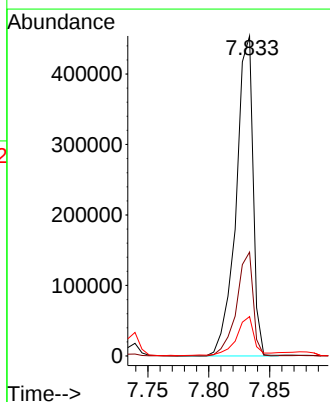
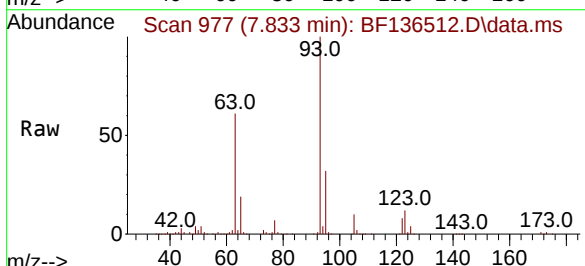
APPROVED

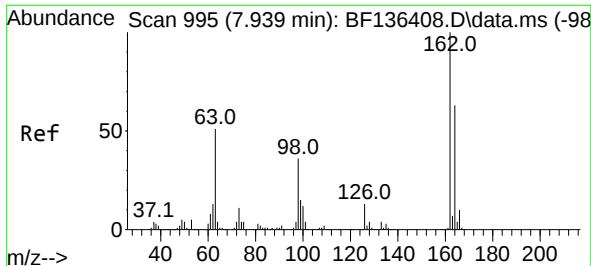
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.864 ng
RT: 7.833 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion: 93 Resp: 439629
Ion Ratio Lower Upper
93 100
95 32.5 25.0 37.4
123 12.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.200 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

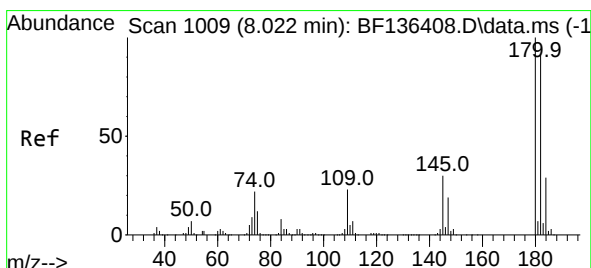
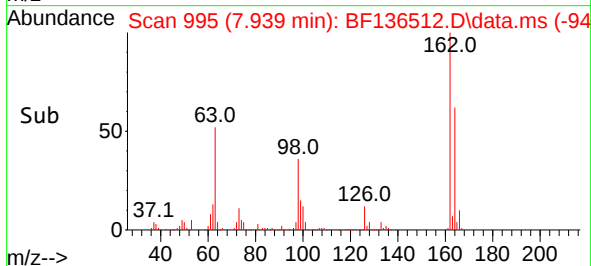
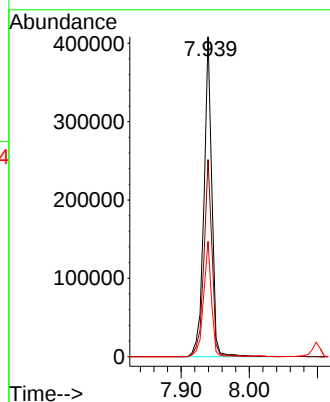
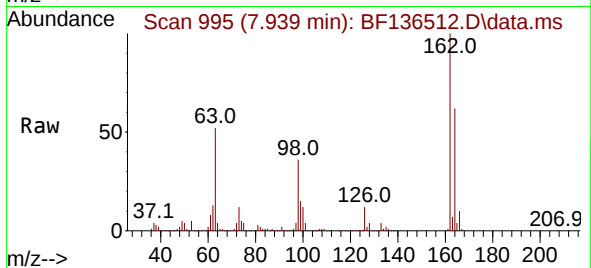
PB157637BS

Tgt Ion:162 Resp: 331280
 Ion Ratio Lower Upper
 162 100
 164 61.6 43.0 83.0
 98 36.1 16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.863 ng

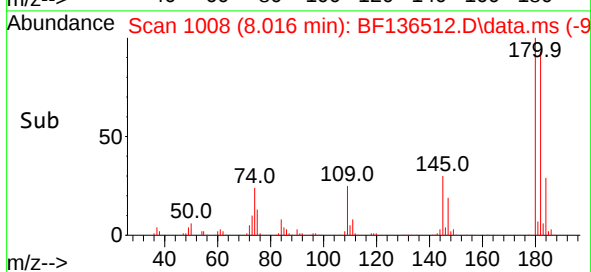
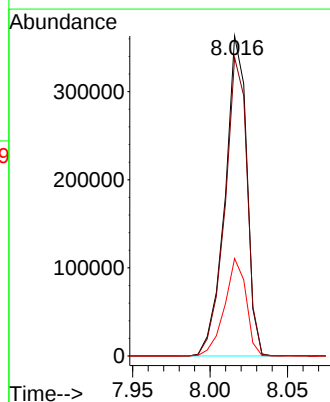
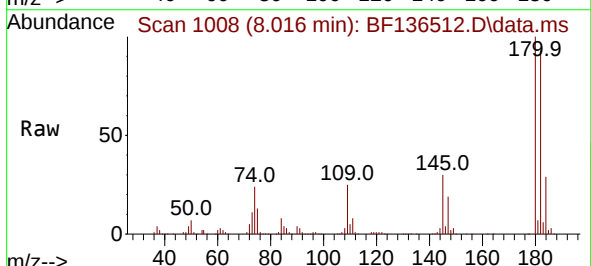
RT: 8.016 min Scan# 1008

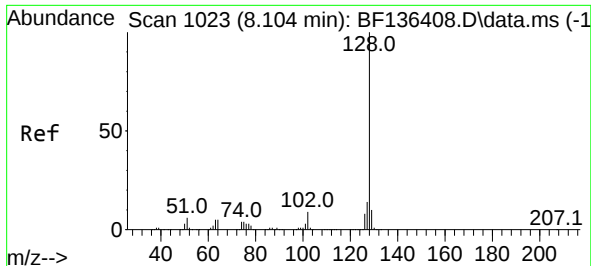
Delta R.T. -0.006 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Tgt Ion:180 Resp: 355004
 Ion Ratio Lower Upper
 180 100
 182 93.3 73.1 109.7
 145 30.5 23.8 35.8





#31
Naphthalene
Concen: 37.949 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

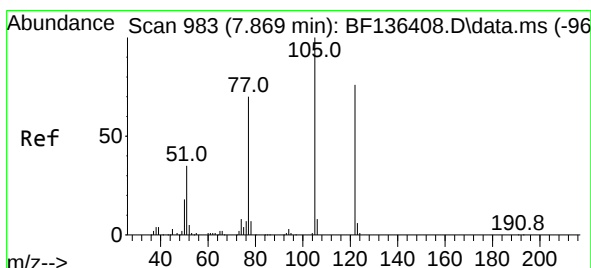
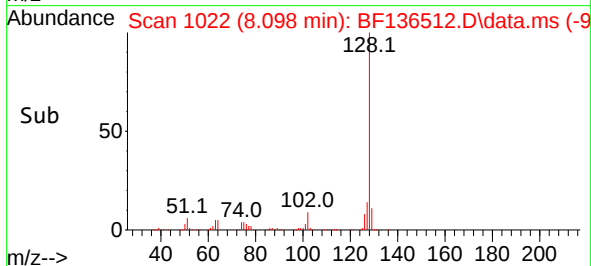
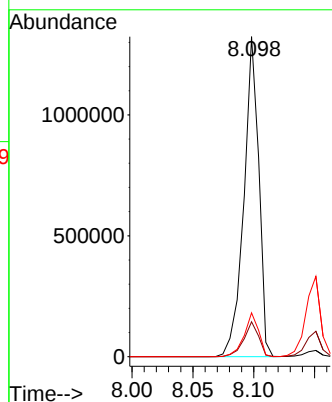
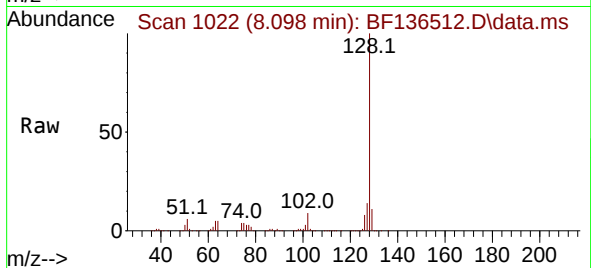
PB157637BS

Tgt Ion:128 Resp: 1130170
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 13.7 11.1 16.7

Manual Integrations

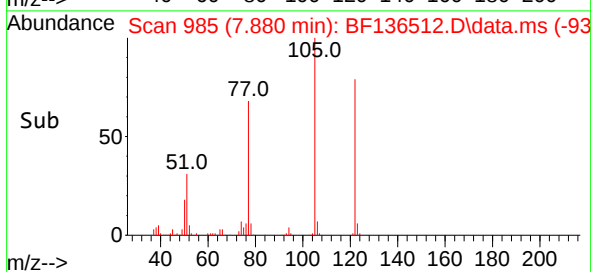
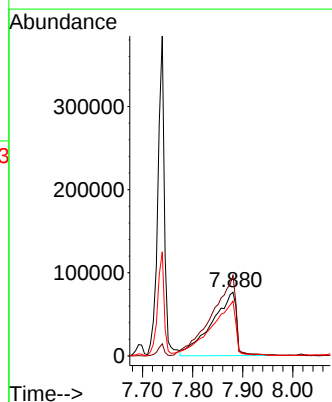
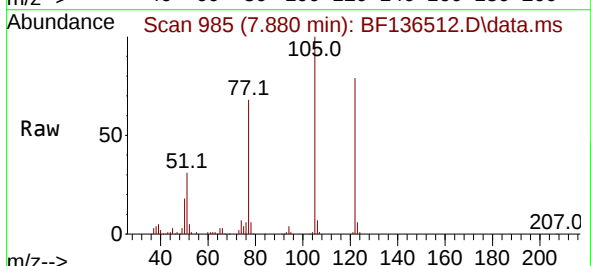
APPROVED

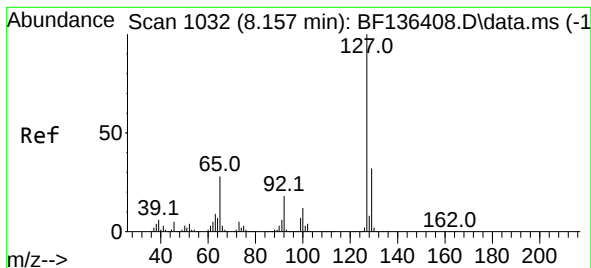
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#32
Benzoic acid
Concen: 43.225 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion:122 Resp: 261217
Ion Ratio Lower Upper
122 100
105 126.2 104.7 144.7
77 86.1 68.5 108.5





#33

4-Chloroaniline

Concen: 27.212 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

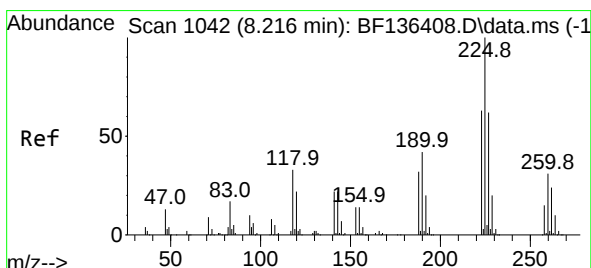
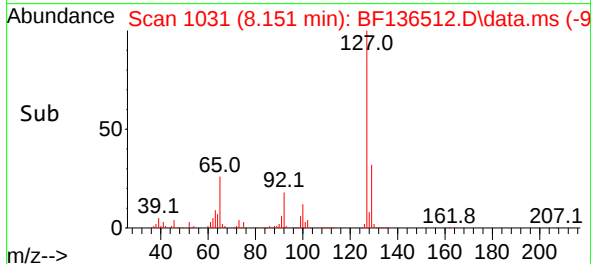
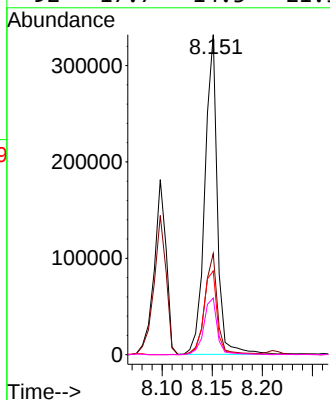
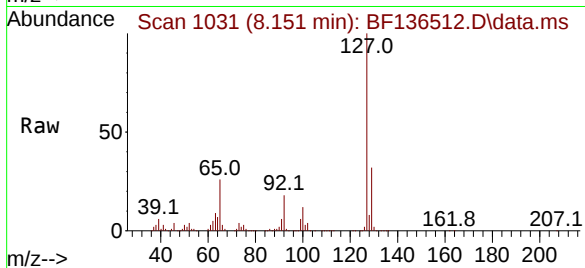
Tgt Ion:	127	Resp:	28891
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.4	38.2
65	26.2	22.5	33.7
92	17.7	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#34

Hexachlorobutadiene

Concen: 36.403 ng

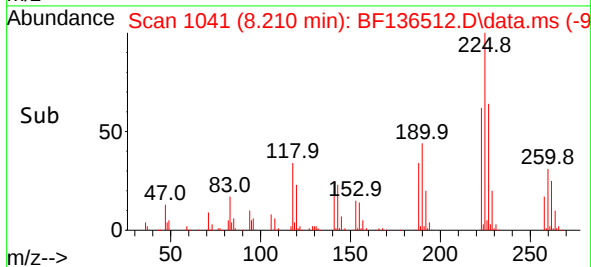
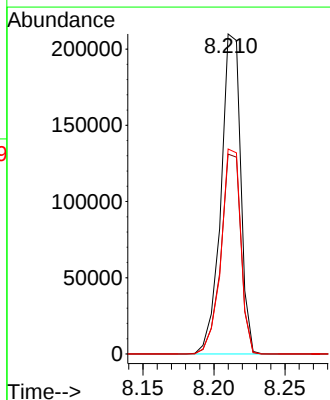
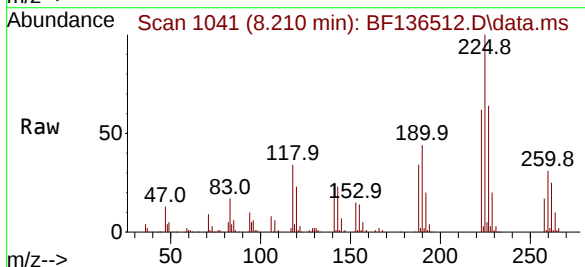
RT: 8.210 min Scan# 1041

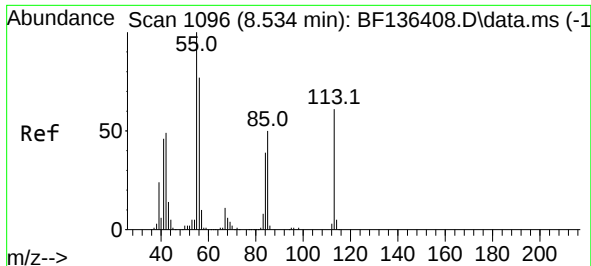
Delta R.T. -0.006 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

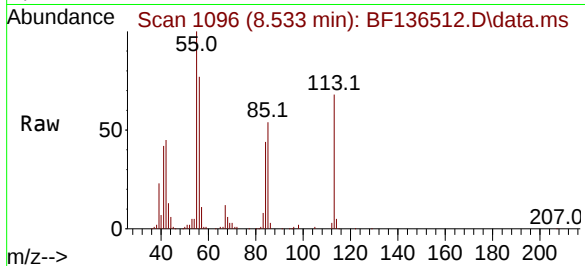
Tgt Ion:	225	Resp:	202279
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.8	76.2
227	64.1	49.8	74.8





#35
Caprolactam
Concen: 44.599 ng m
RT: 8.533 min Scan# 1096
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

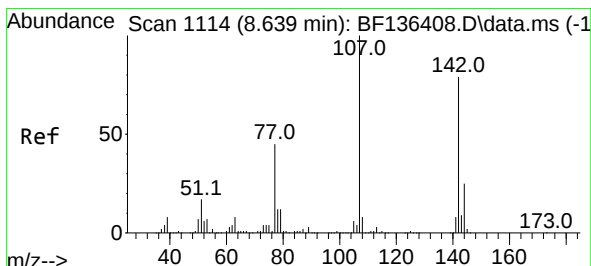
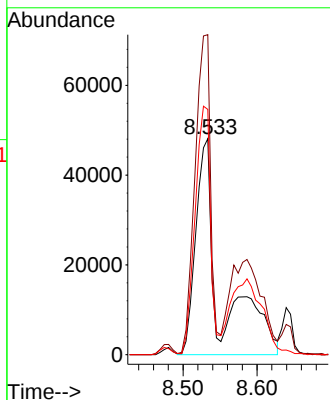
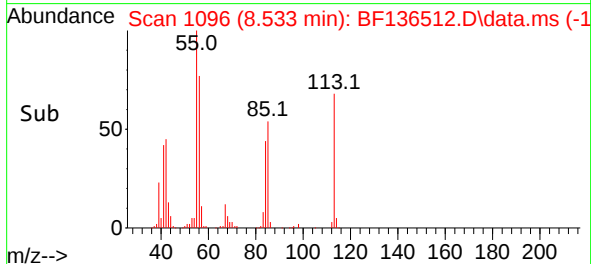
Instrument :
BNA_F
ClientSampleId :
PB157637BS



Tgt Ion:113 Resp: 11043
Ion Ratio Lower Upper
113 100
55 148.1 143.7 183.7
56 113.5 105.2 145.2

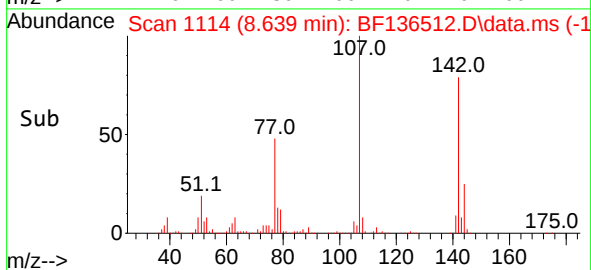
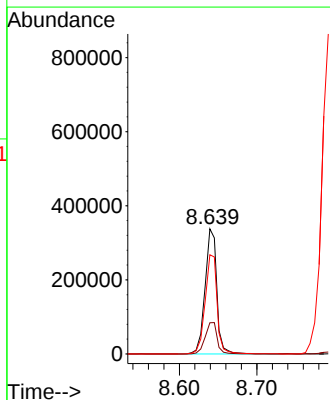
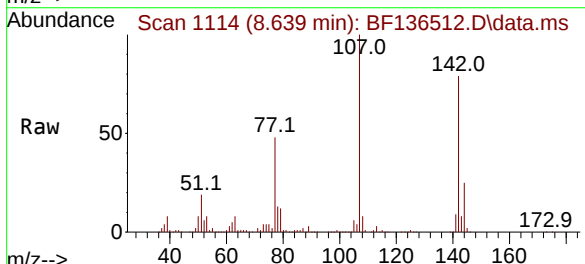
Manual Integrations
APPROVED

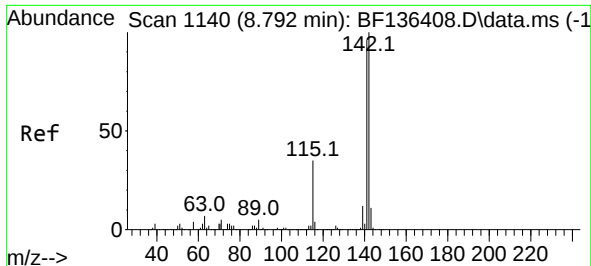
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#36
4-Chloro-3-methylphenol
Concen: 41.659 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion:107 Resp: 355672
Ion Ratio Lower Upper
107 100
144 24.9 20.1 30.1
142 79.3 63.1 94.7





#37
2-Methylnaphthalene
Concen: 39.589 ng
RT: 8.792 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

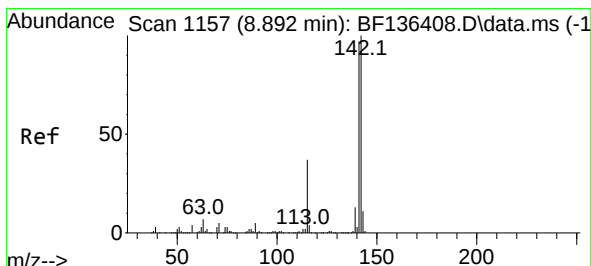
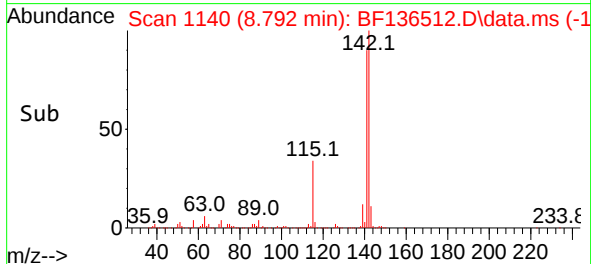
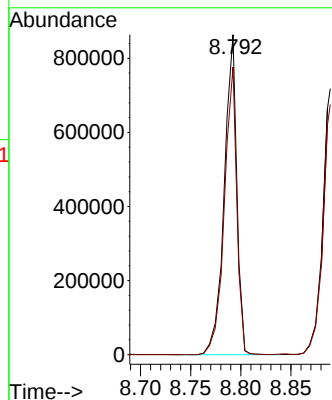
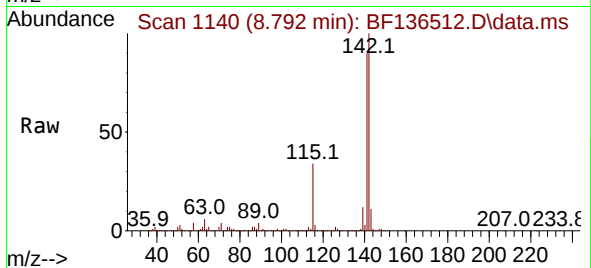
PB157637BS

Tgt Ion:142 Resp: 750064
Ion Ratio Lower Upper
142 100
141 89.9 76.4 114.6

Manual Integrations

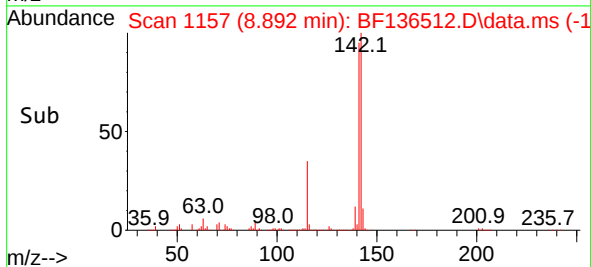
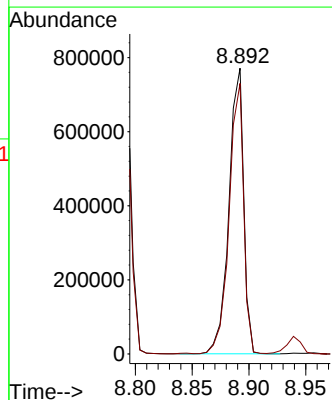
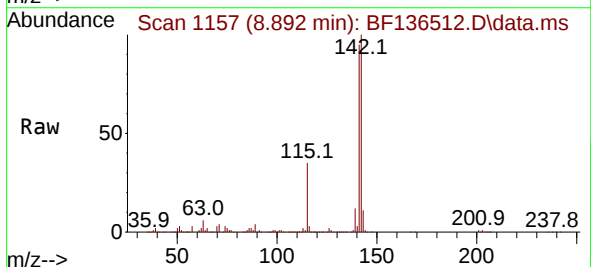
APPROVED

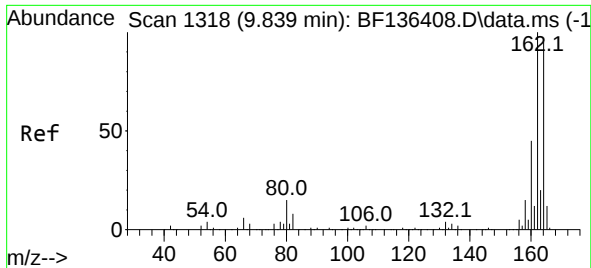
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#38
1-Methylnaphthalene
Concen: 37.448 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion:142 Resp: 696216
Ion Ratio Lower Upper
142 100
141 94.7 77.7 116.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

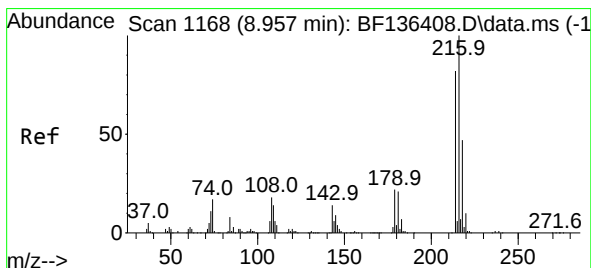
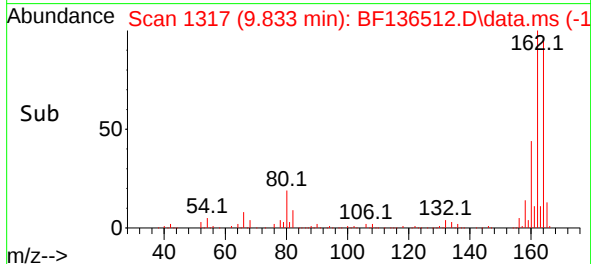
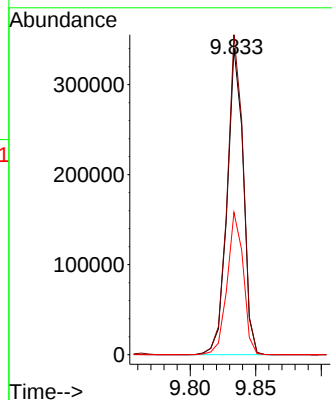
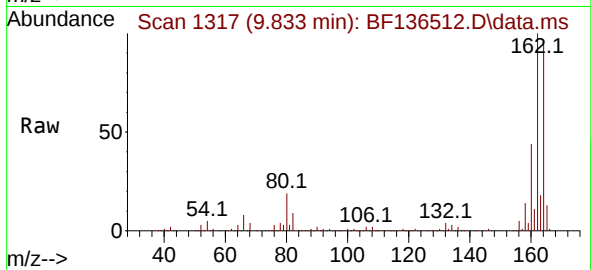
PB157637BS

Tgt Ion:164 Resp: 290059
Ion Ratio Lower Upper
164 100
162 104.3 84.4 126.6
160 46.4 37.6 56.4

Manual Integrations

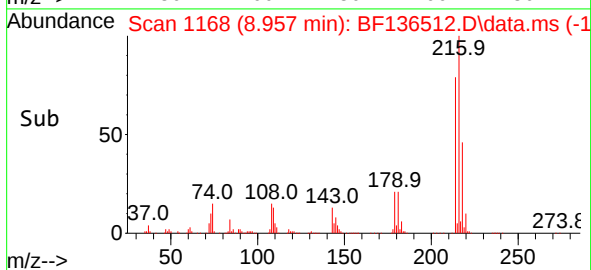
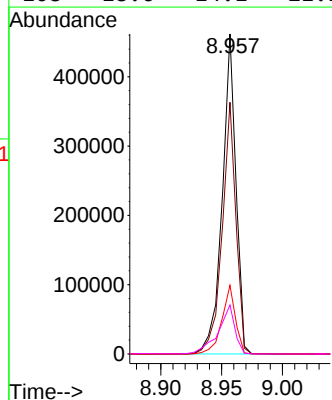
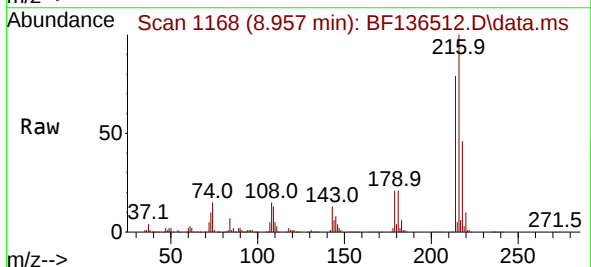
APPROVED

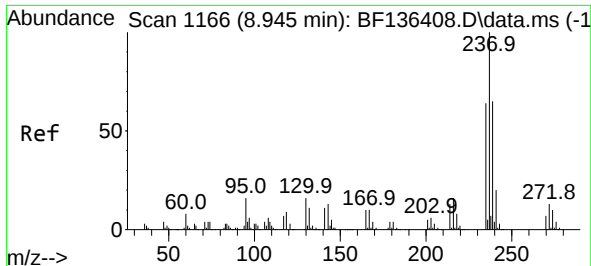
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.183 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

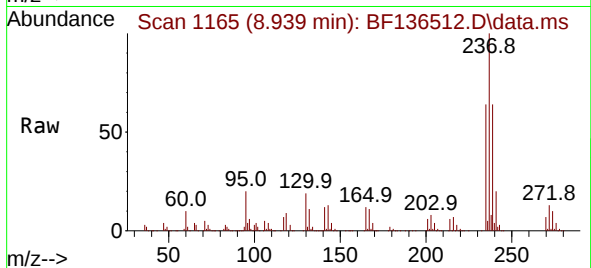
Tgt Ion:216 Resp: 362622
Ion Ratio Lower Upper
216 100
214 78.9 64.1 96.1
179 21.3 17.0 25.6
108 18.6 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 106.167 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

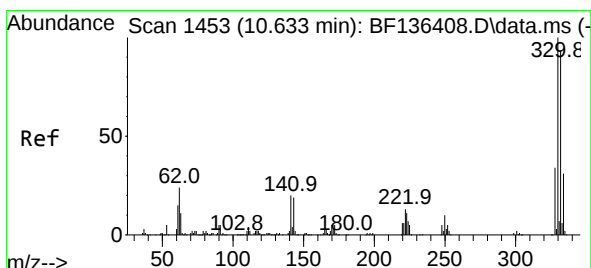
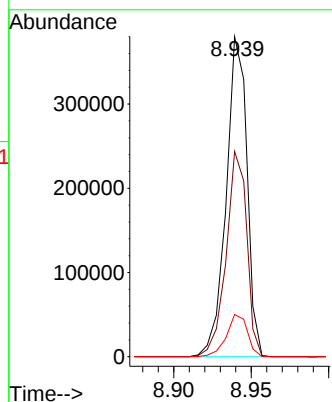
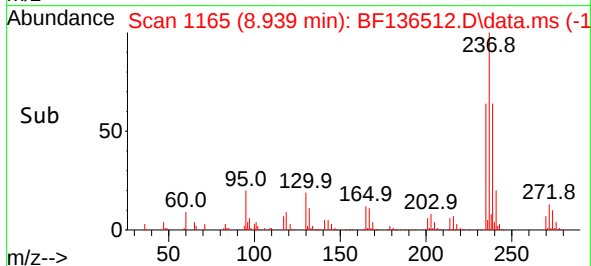
Instrument :
BNA_F
ClientSampleId :
PB157637BS



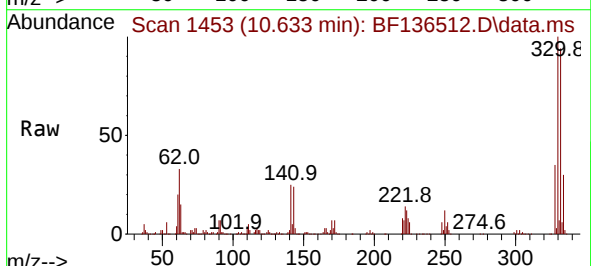
Tgt Ion:237 Resp: 354940
Ion Ratio Lower Upper
237 100
235 64.2 44.1 84.1
272 13.2 0.0 33.3

Manual Integrations
APPROVED

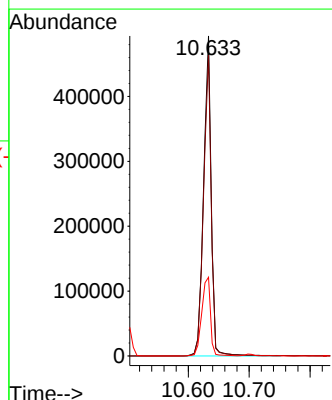
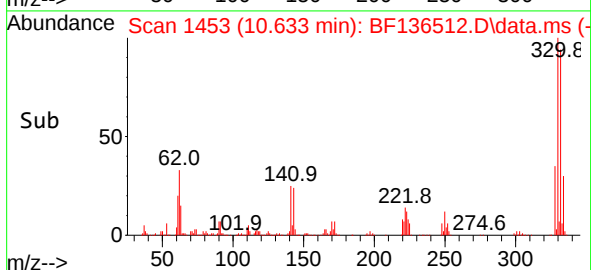
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

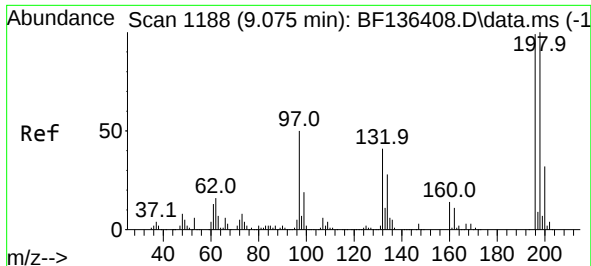


#42
2,4,6-Tribromophenol
Concen: 119.147 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



Tgt Ion:330 Resp: 426123
Ion Ratio Lower Upper
330 100
332 95.4 76.4 114.6
141 28.3 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 41.482 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF136512.D

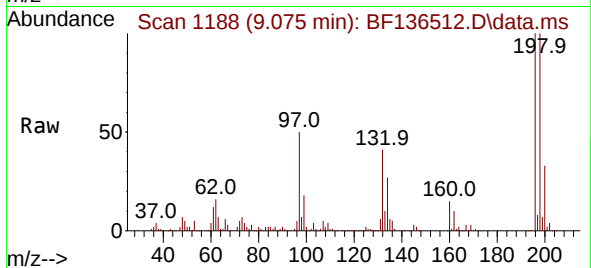
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS



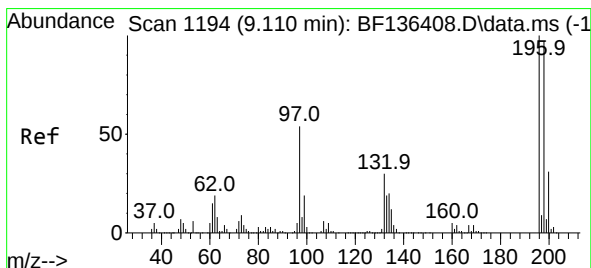
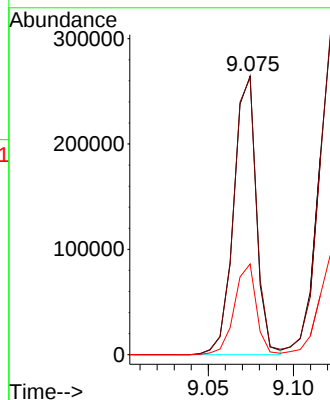
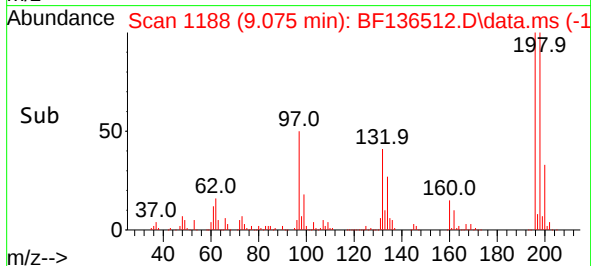
Tgt Ion:196	Resp:	243744
Ion Ratio	Lower	Upper
196	100	
198	99.5	80.4 120.6
200	32.6	25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#44

2,4,5-Trichlorophenol

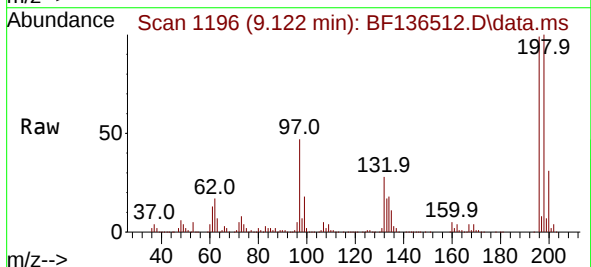
Concen: 40.365 ng

RT: 9.122 min Scan# 1196

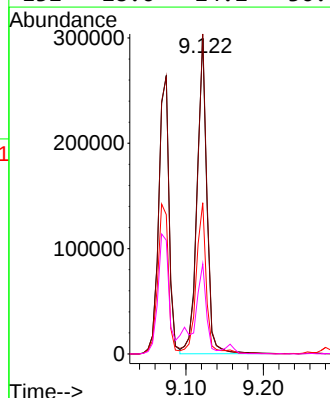
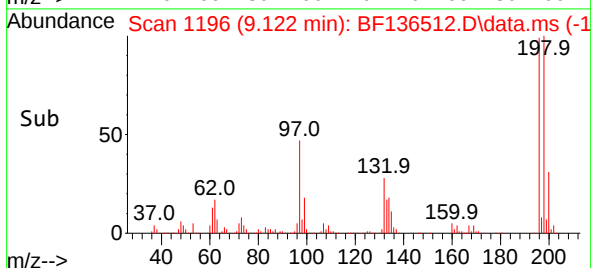
Delta R.T. 0.012 min

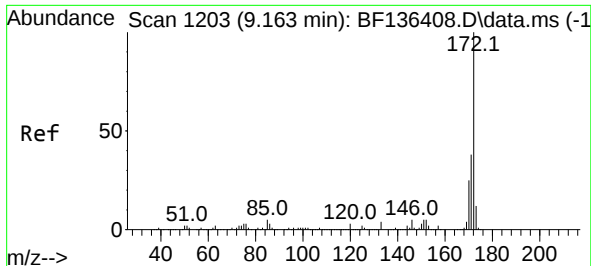
Lab File: BF136512.D

Acq: 12 Dec 2023 12:58



Tgt Ion:196	Resp:	264716
Ion Ratio	Lower	Upper
196	100	
198	101.5	78.1 117.1
97	47.9	43.4 65.2
132	28.6	24.2 36.4





#45
2-Fluorobiphenyl
Concen: 74.349 ng
RT: 9.157 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

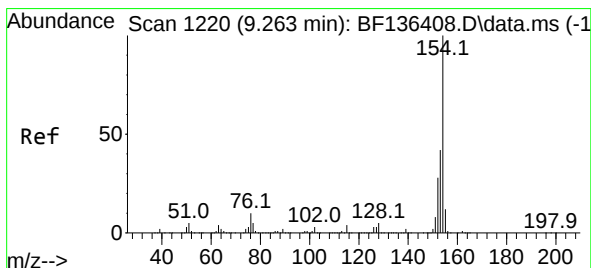
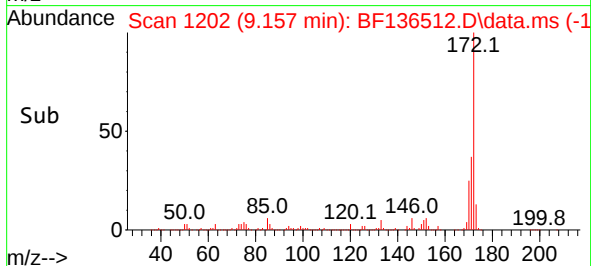
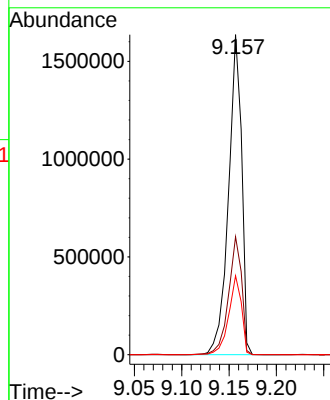
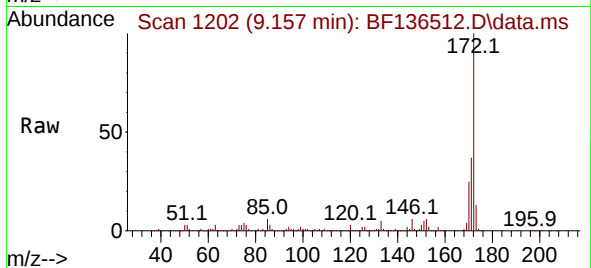
PB157637BS

Tgt Ion:172 Resp: 158046
Ion Ratio Lower Upper
172 100
171 36.9 30.5 45.7
170 24.7 19.9 29.9

Manual Integrations

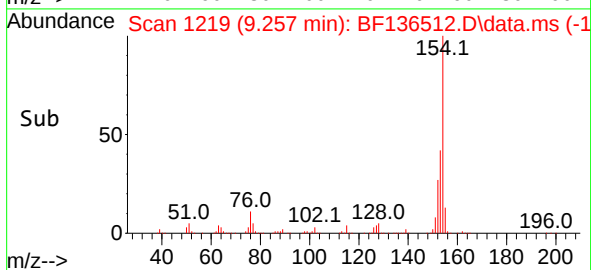
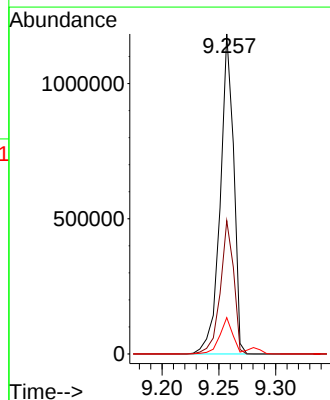
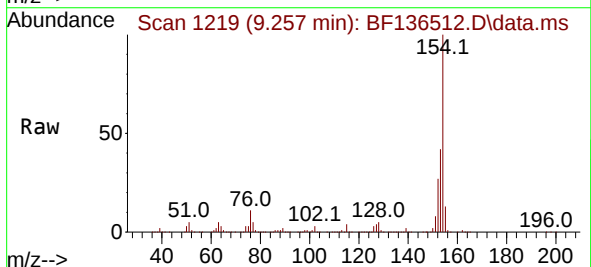
APPROVED

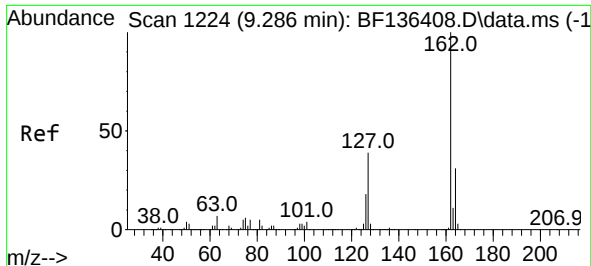
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#46
1,1'-Biphenyl
Concen: 39.497 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion:154 Resp: 974821
Ion Ratio Lower Upper
154 100
153 41.7 22.5 62.5
76 11.3 0.0 29.9





#47

2-Chloronaphthalene

Concen: 38.122 ng

RT: 9.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

Tgt Ion:162 Resp: 73230

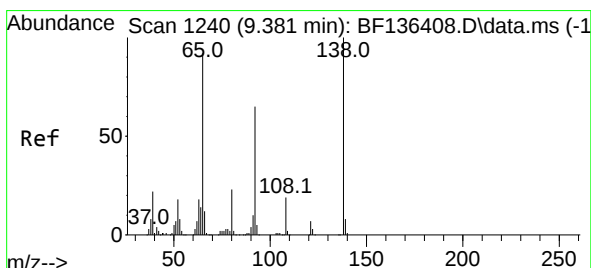
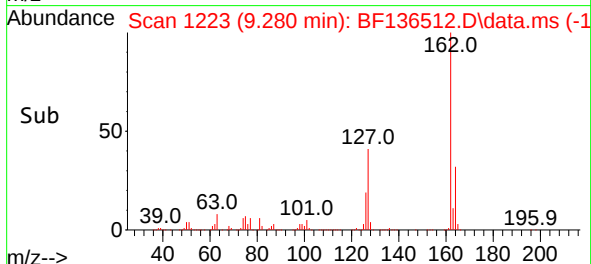
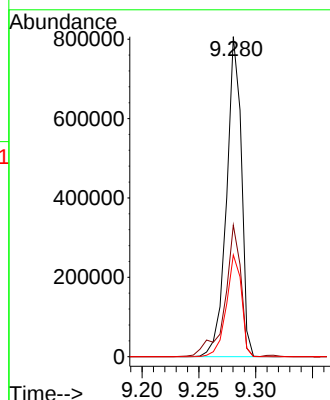
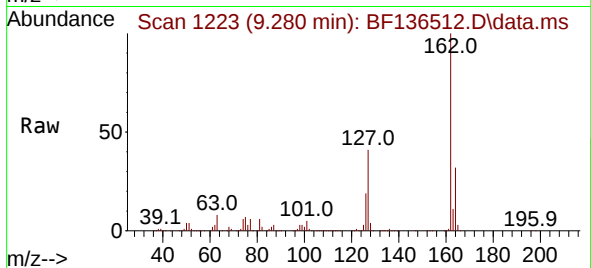
Ion	Ratio	Lower	Upper
162	100		
127	41.1	31.1	46.7
164	31.8	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#48

2-Nitroaniline

Concen: 40.969 ng

RT: 9.380 min Scan# 1240

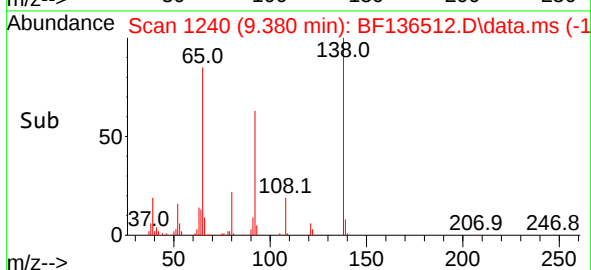
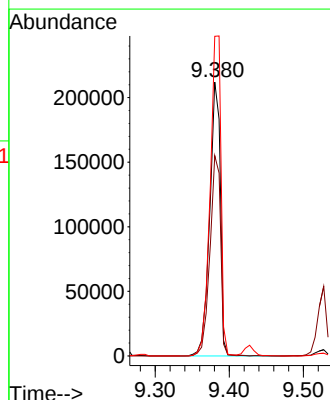
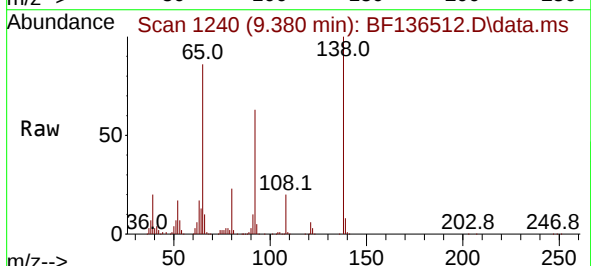
Delta R.T. -0.000 min

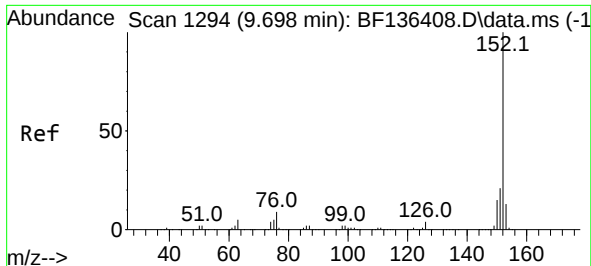
Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Tgt Ion: 65 Resp: 211080

Ion	Ratio	Lower	Upper
65	100		
92	73.1	56.1	84.1
138	116.7	86.7	130.1





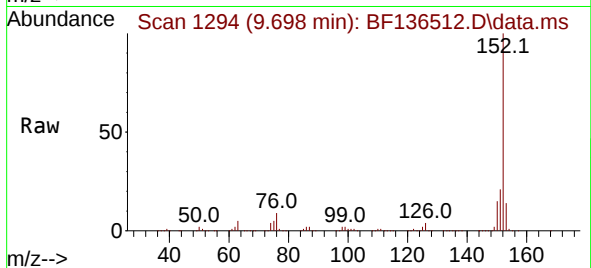
#49
Acenaphthylene
Concen: 39.925 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS



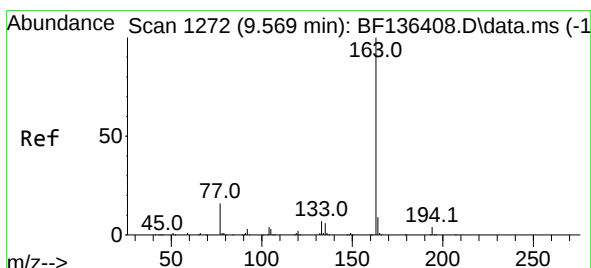
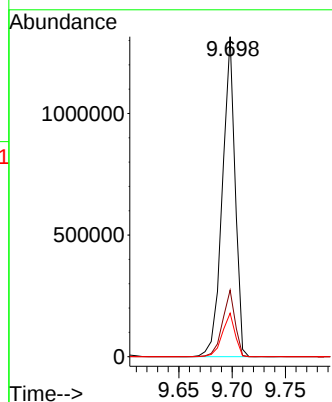
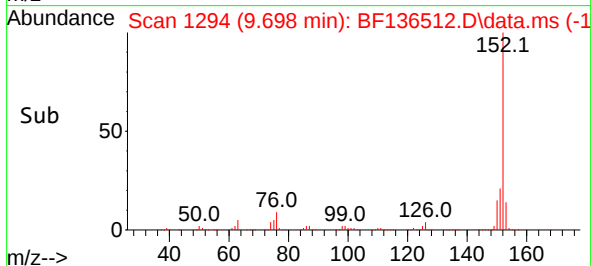
Tgt Ion:152 Resp: 109253
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 13.6 10.6 15.8

Manual Integrations

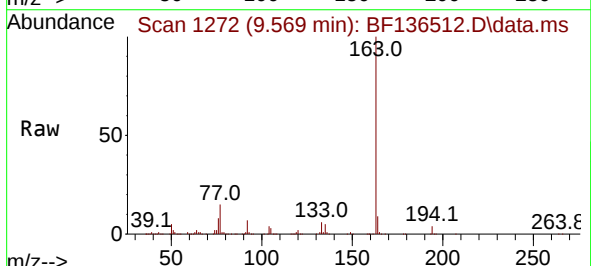
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

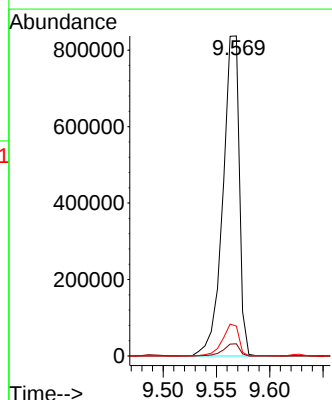
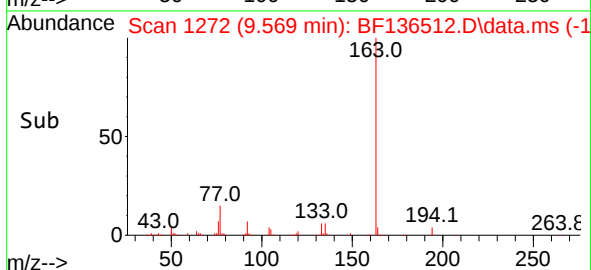
Supervised By :mohammad ahmed 12/14/2023

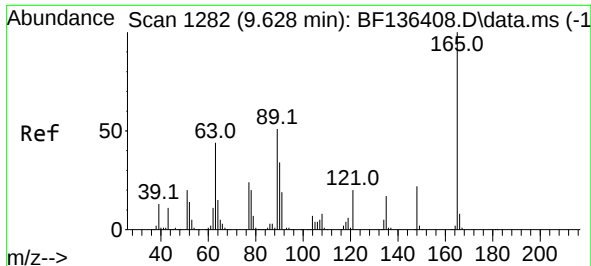


#50
Dimethylphthalate
Concen: 41.830 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



Tgt Ion:163 Resp: 893284
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.4 7.4 11.2





#51

2,6-Dinitrotoluene

Concen: 40.797 ng

RT: 9.627 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

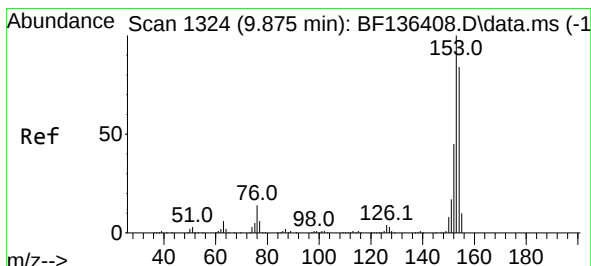
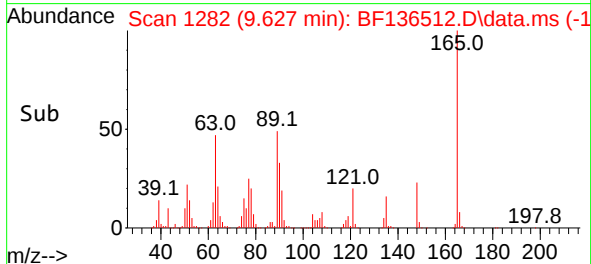
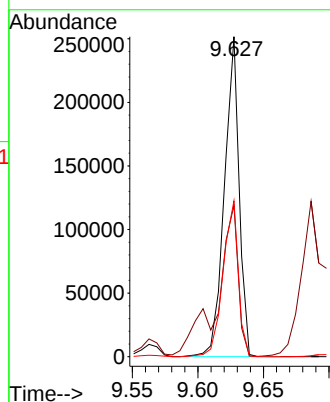
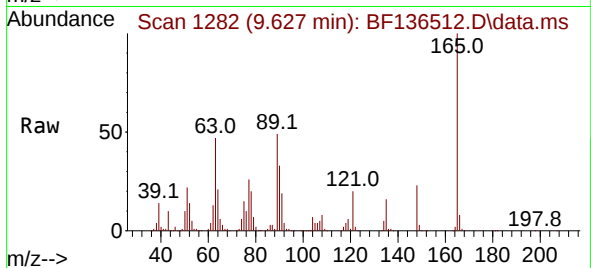
Tgt Ion:165	Resp:	196000
Ion Ratio	Lower	Upper
165	100	
63	47.3	40.4 60.6
89	48.7	40.6 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#52

Acenaphthene

Concen: 39.132 ng

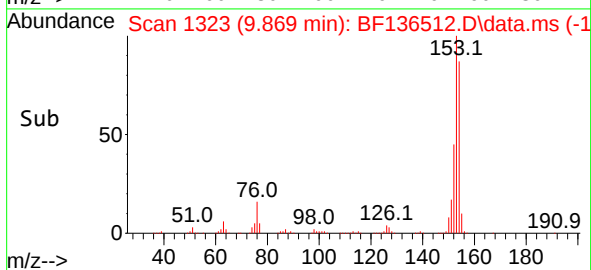
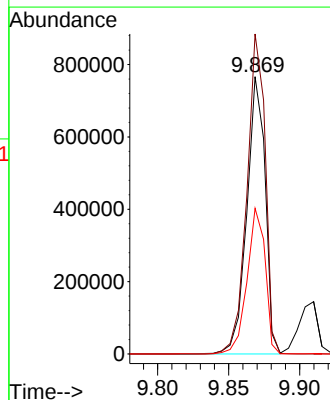
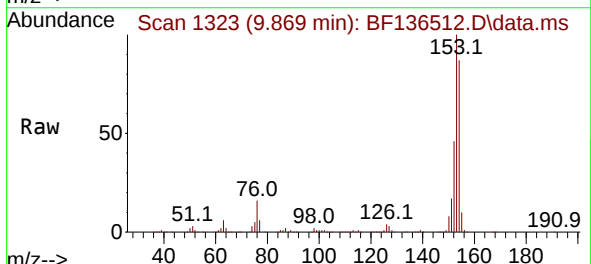
RT: 9.869 min Scan# 1323

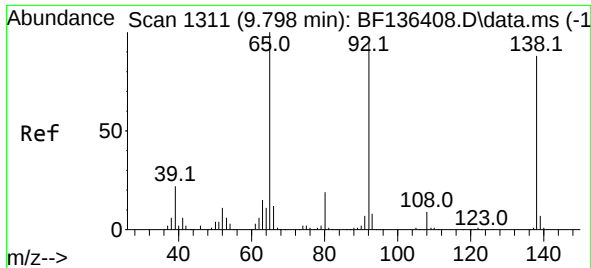
Delta R.T. -0.006 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Tgt Ion:154	Resp:	686213
Ion Ratio	Lower	Upper
154	100	
153	115.4	95.3 142.9
152	52.5	43.2 64.8





#53
3-Nitroaniline
Concen: 33.299 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

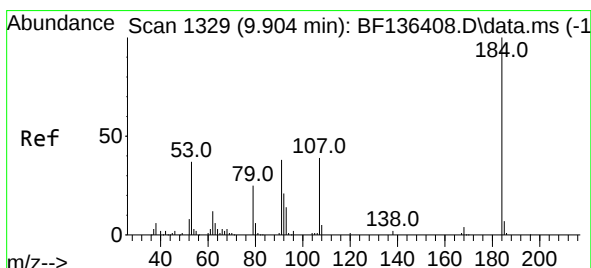
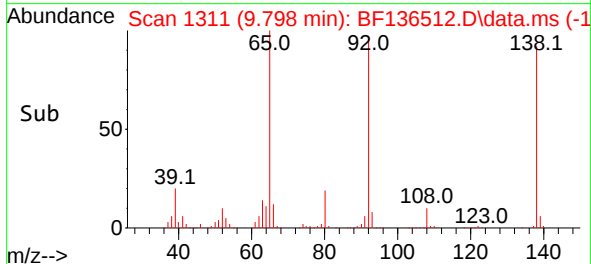
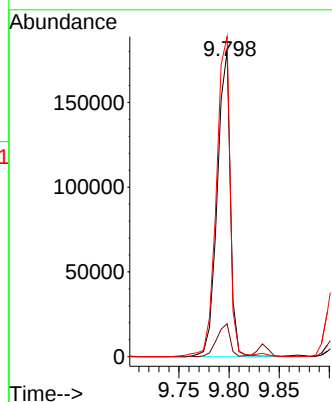
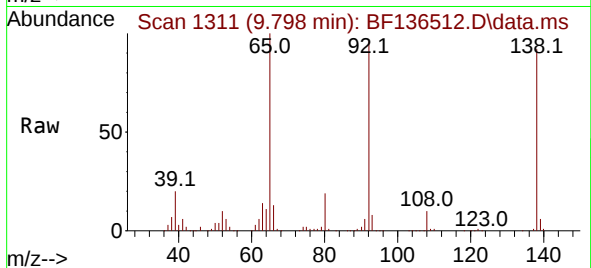
ClientSampleId :

PB157637BS

Tgt Ion:138 Resp: 16336
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 104.8 86.1 129.1

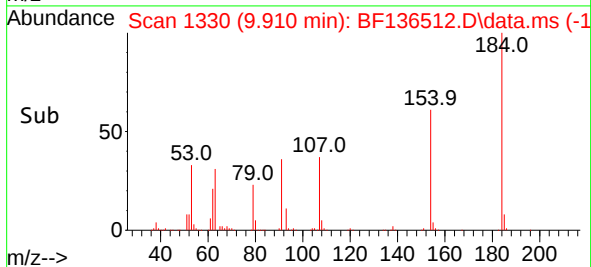
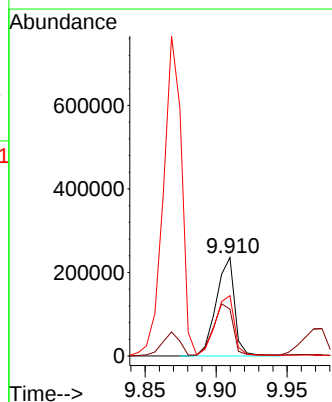
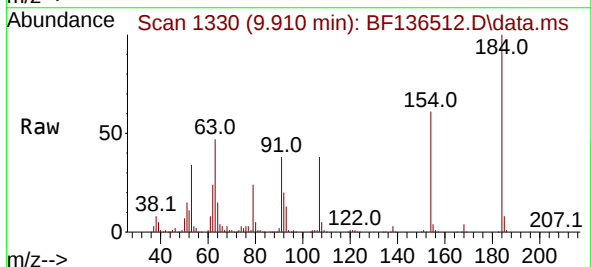
Manual Integrations
APPROVED

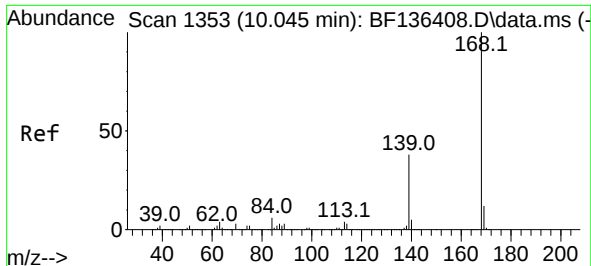
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#54
2,4-Dinitrophenol
Concen: 88.031 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

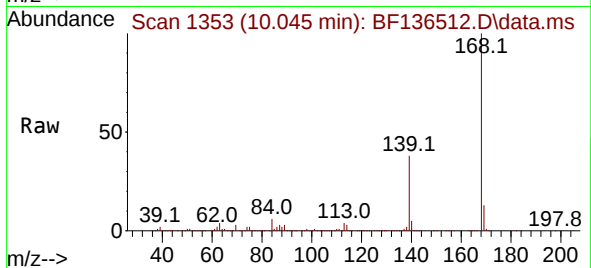
Tgt Ion:184 Resp: 213831
Ion Ratio Lower Upper
184 100
63 47.4 39.1 58.7
154 61.4 49.9 74.9





#55
Dibenzenofuran
Concen: 39.591 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

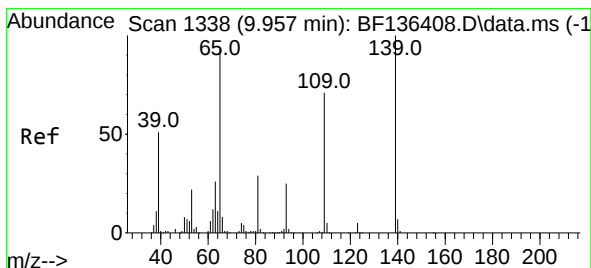
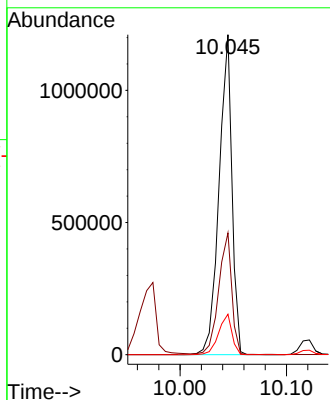
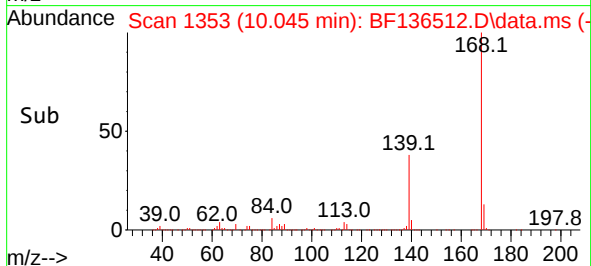
Instrument :
BNA_F
ClientSampleId :
PB157637BS



Tgt Ion:168 Resp: 101421
Ion Ratio Lower Upper
168 100
139 38.1 30.4 45.6
169 12.6 9.9 14.9

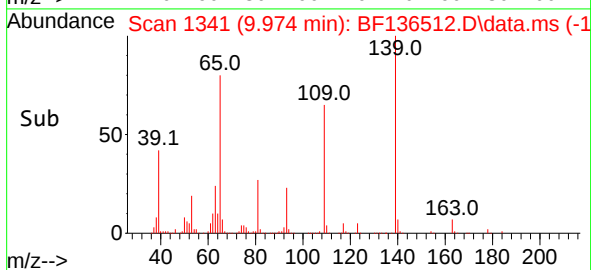
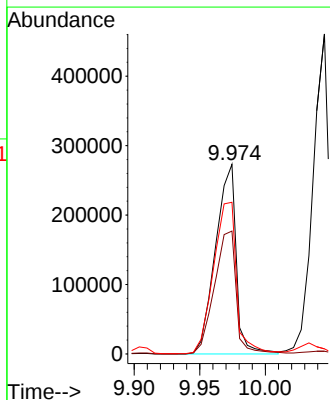
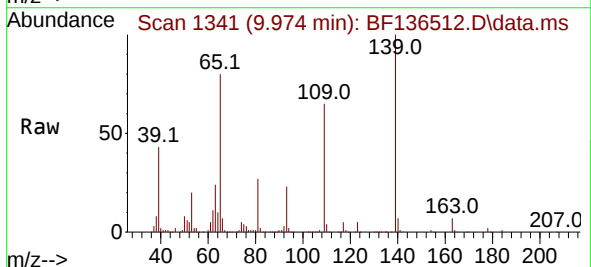
Manual Integrations
APPROVED

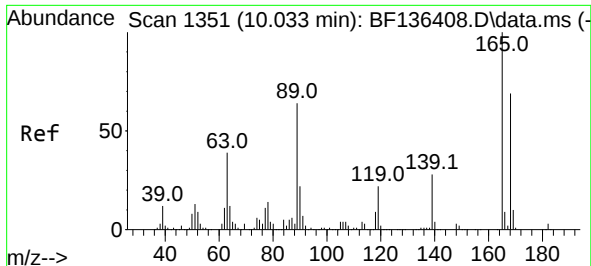
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#56
4-Nitrophenol
Concen: 81.501 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion:139 Resp: 299743
Ion Ratio Lower Upper
139 100
109 64.8 50.6 90.6
65 80.0 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 40.184 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

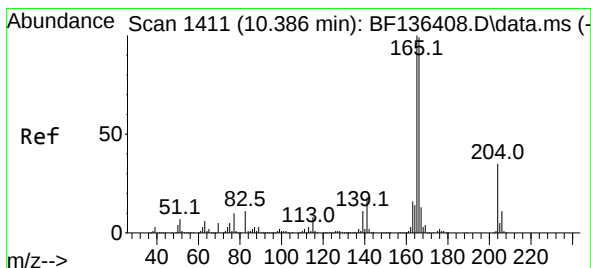
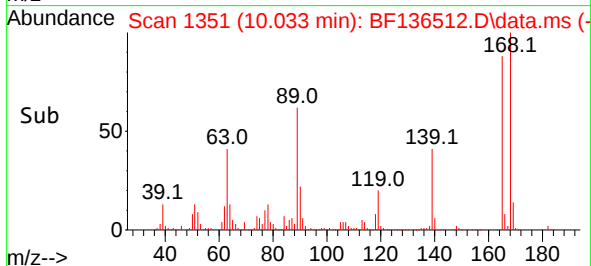
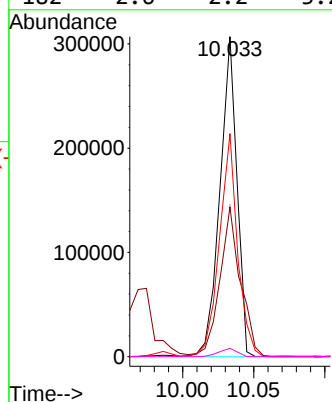
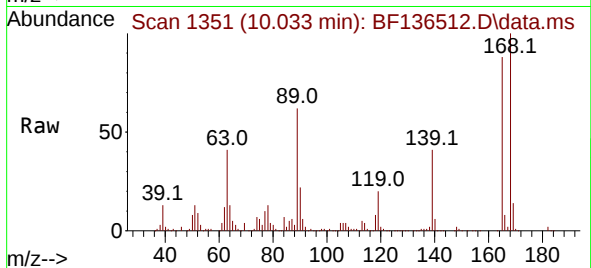
PB157637BS

Tgt Ion:165 Resp: 255392
Ion Ratio Lower Upper
165 100
63 46.7 31.4 47.2
89 69.7 51.7 77.5
182 2.6 2.2 3.2

Manual Integrations

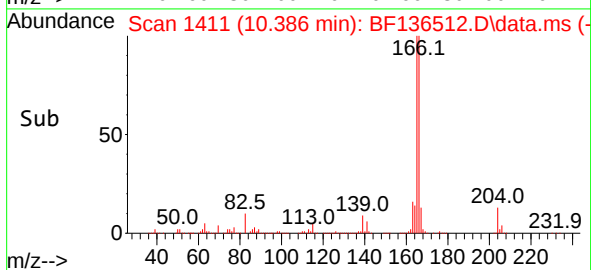
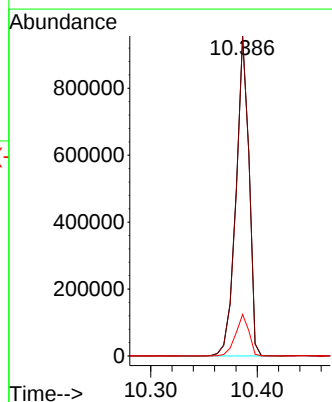
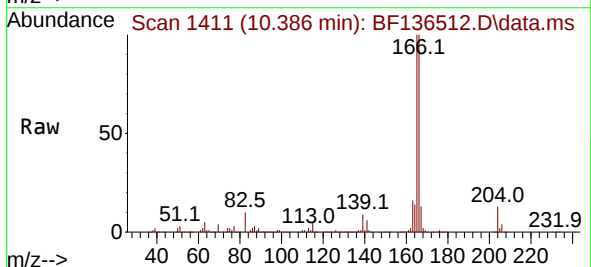
APPROVED

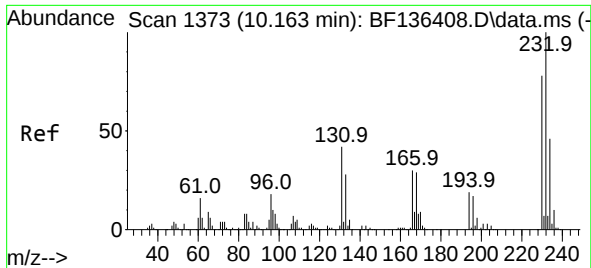
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#58
Fluorene
Concen: 39.488 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

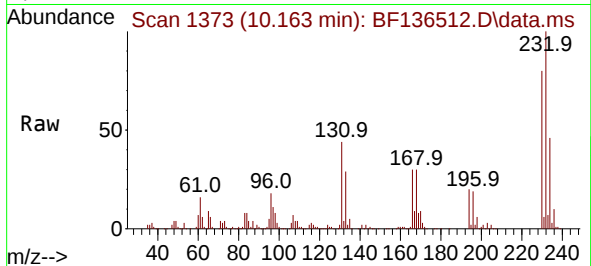
Tgt Ion:166 Resp: 812020
Ion Ratio Lower Upper
166 100
165 100.1 80.5 120.7
167 13.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.067 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

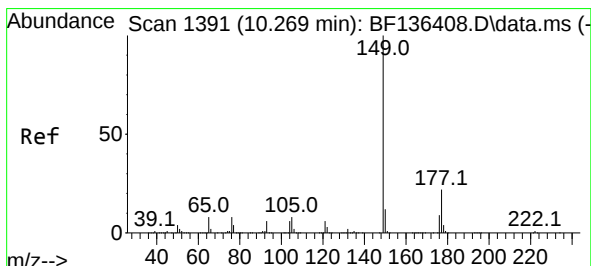
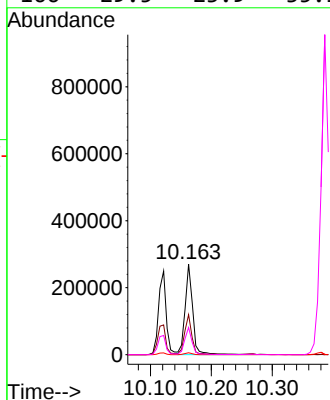
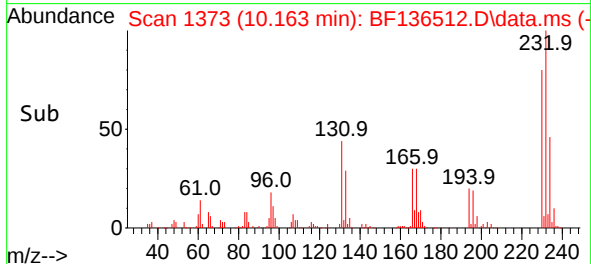
Instrument :
BNA_F
ClientSampleId :
PB157637BS



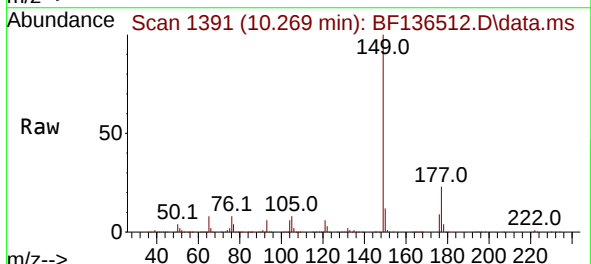
Tgt Ion:232 Resp: 231489
Ion Ratio Lower Upper
232 100
131 43.4 34.3 51.5
130 2.1 1.6 2.4
166 29.5 23.9 35.9

Manual Integrations
APPROVED

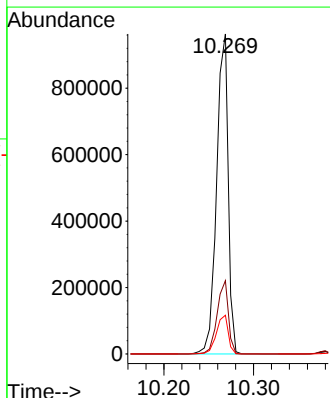
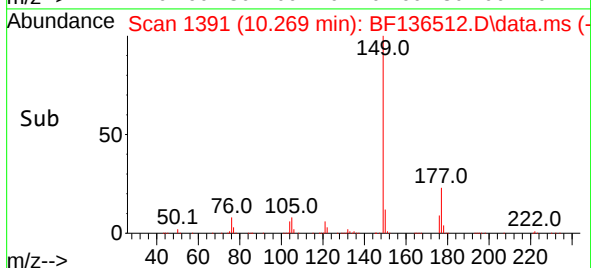
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

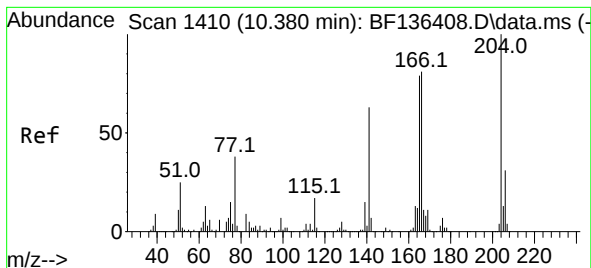


#60
Diethylphthalate
Concen: 41.108 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



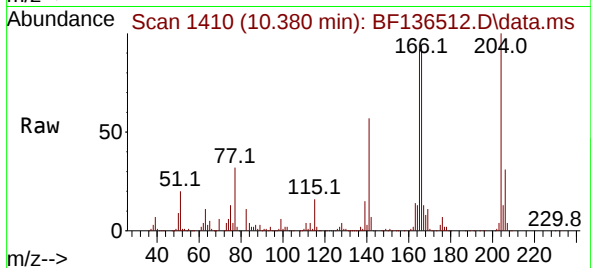
Tgt Ion:149 Resp: 863226
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.8
150 12.1 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 40.089 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

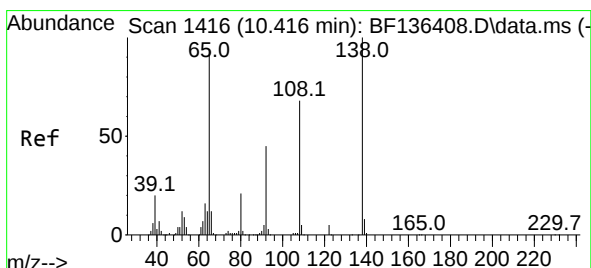
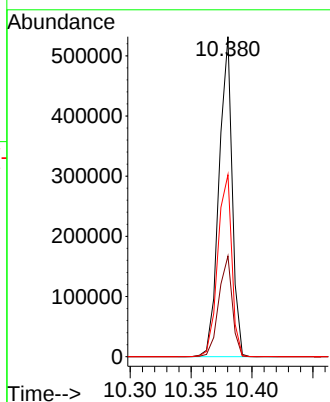
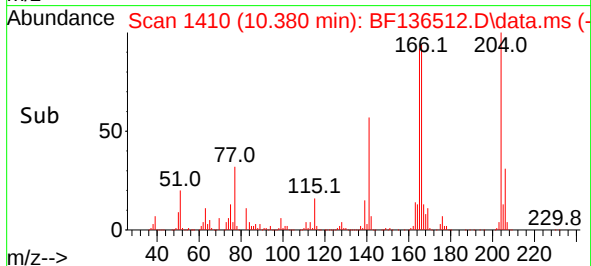
Instrument :
BNA_F
ClientSampleId :
PB157637BS



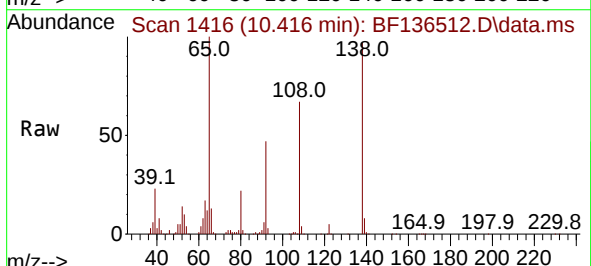
Tgt Ion:204 Resp: 401879
Ion Ratio Lower Upper
204 100
206 31.4 24.6 36.8
141 56.9 50.3 75.5

Manual Integrations
APPROVED

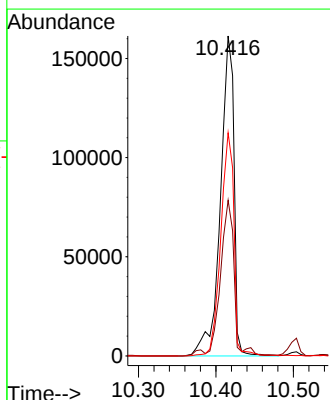
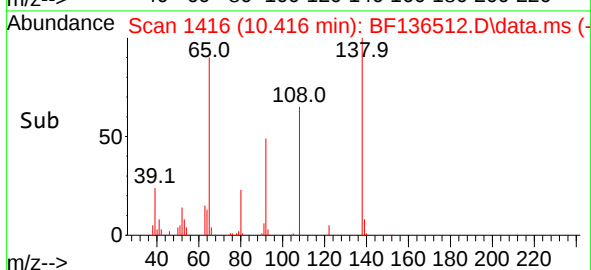
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

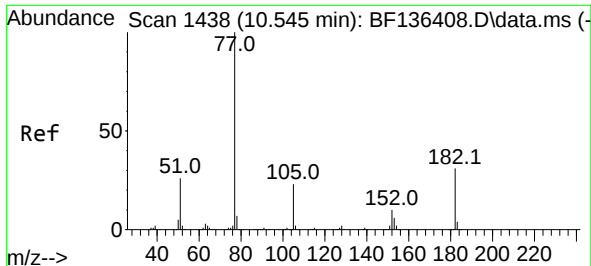


#62
4-Nitroaniline
Concen: 40.339 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



Tgt Ion:138 Resp: 196508
Ion Ratio Lower Upper
138 100
92 48.7 25.0 65.0
108 69.8 47.9 87.9





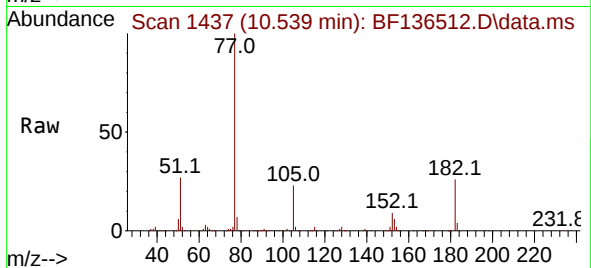
#63
Azobenzene
Concen: 39.107 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS



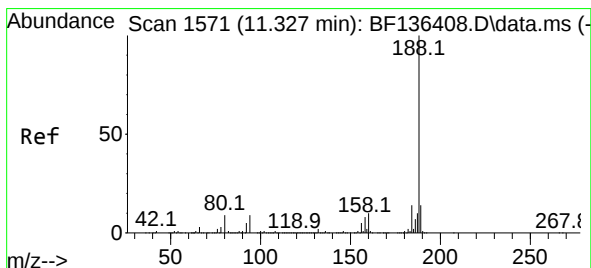
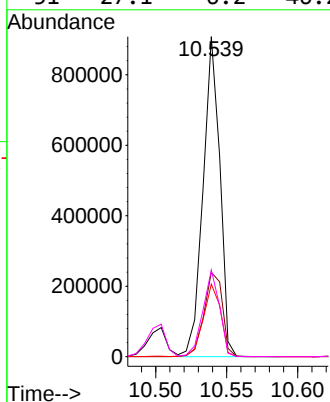
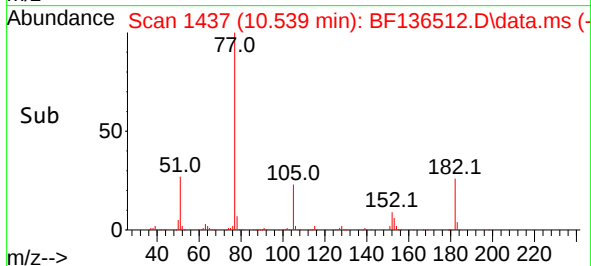
Tgt Ion: 77 Resp: 747470
Ion Ratio Lower Upper
77 100
182 26.4 10.8 50.8
105 22.6 2.6 42.6
51 27.1 6.2 46.2

Manual Integrations

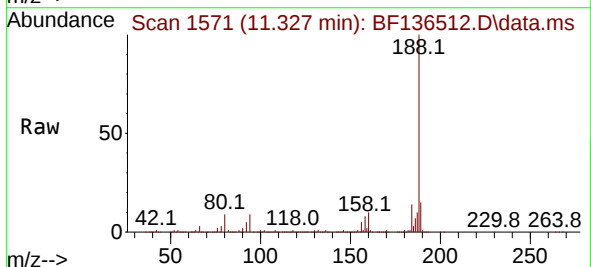
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

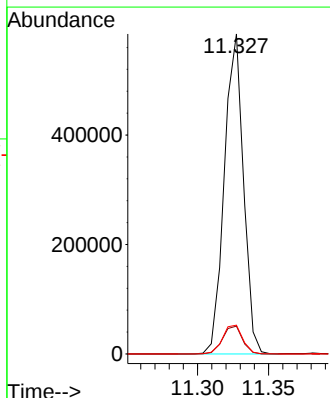
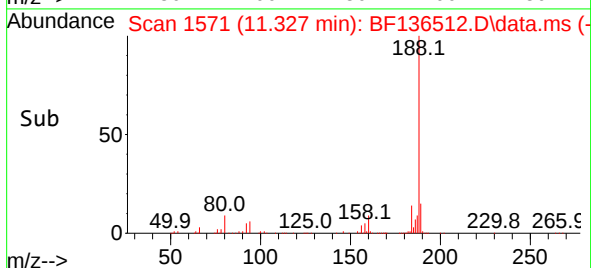
Supervised By :mohammad ahmed 12/14/2023

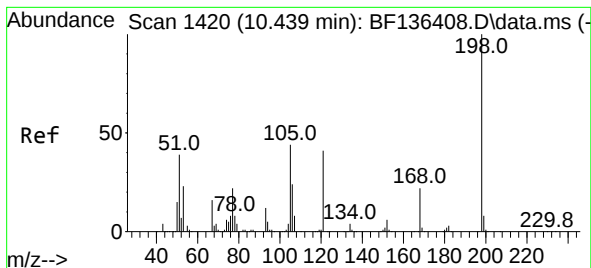


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



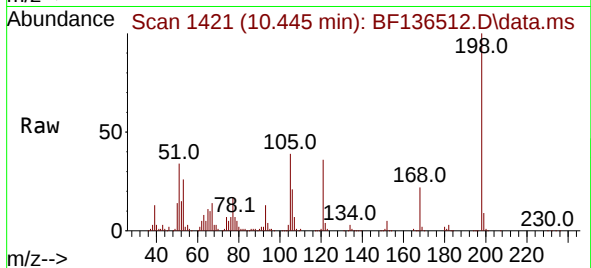
Tgt Ion:188 Resp: 545658
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.0 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 44.754 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

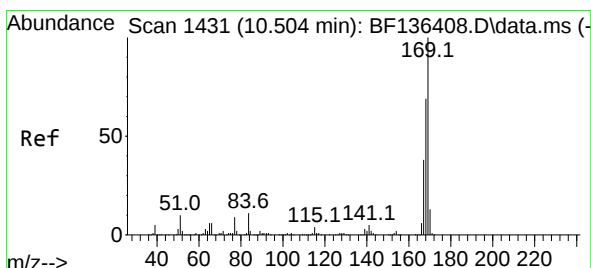
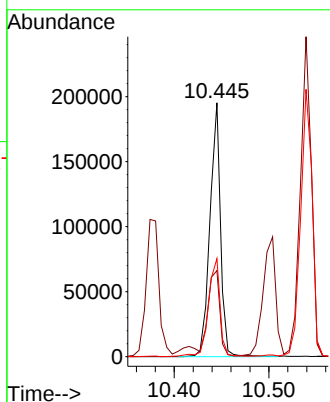
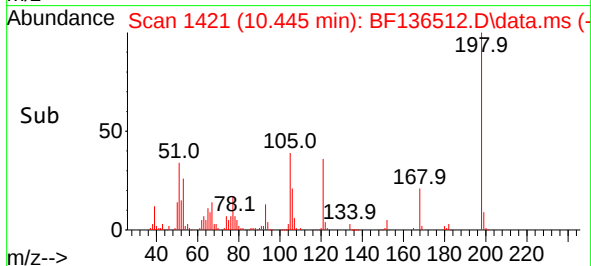
Instrument :
BNA_F
ClientSampleId :
PB157637BS



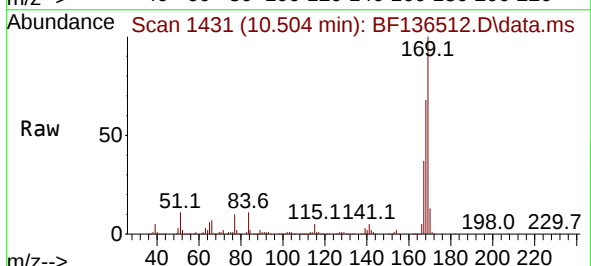
Tgt Ion:198 Resp: 151238
Ion Ratio Lower Upper
198 100
51 33.9 24.1 64.1
105 38.6 24.8 64.8

Manual Integrations
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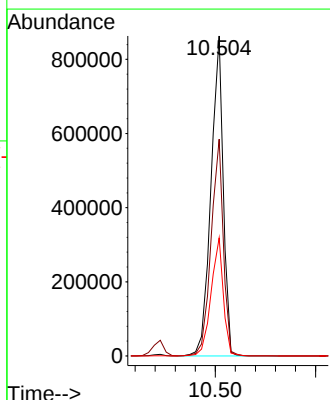
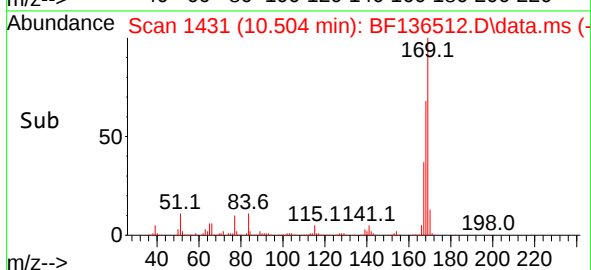
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

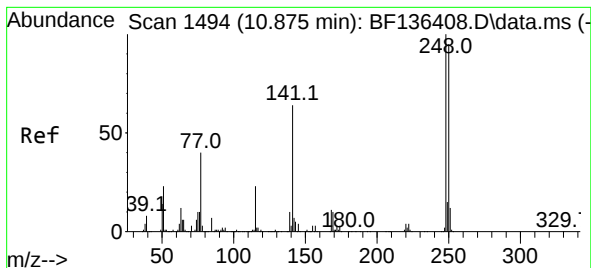


#66
n-Nitrosodiphenylamine
Concen: 41.976 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



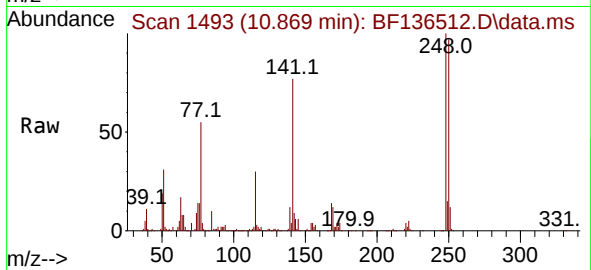
Tgt Ion:169 Resp: 734960
Ion Ratio Lower Upper
169 100
168 67.8 55.3 82.9
167 36.9 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 41.051 ng
RT: 10.869 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

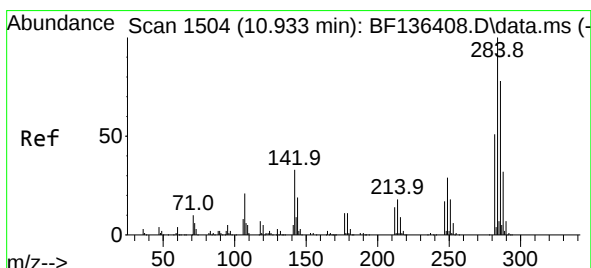
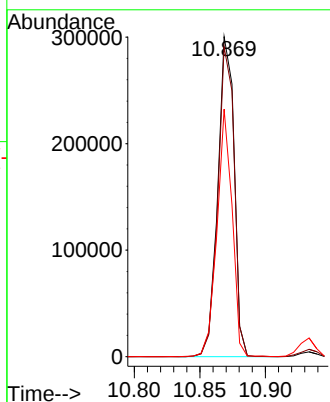
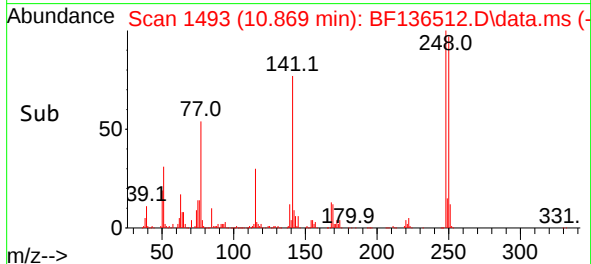
Instrument :
BNA_F
ClientSampleId :
PB157637BS



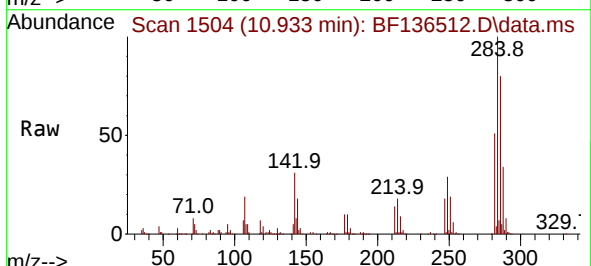
Tgt Ion:248 Resp: 260435
Ion Ratio Lower Upper
248 100
250 96.8 76.2 114.2
141 77.3 51.0 76.4

Manual Integrations
APPROVED

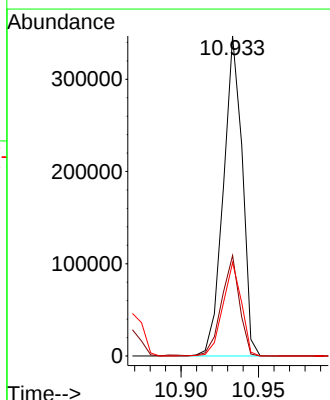
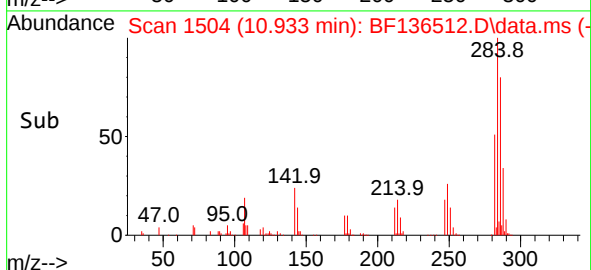
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

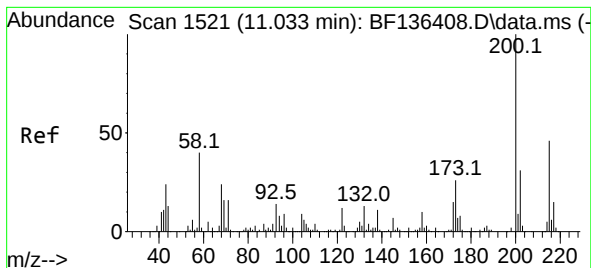


#68
Hexachlorobenzene
Concen: 39.974 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



Tgt Ion:284 Resp: 293104
Ion Ratio Lower Upper
284 100
142 31.4 26.5 39.7
249 29.2 23.4 35.0





#69

Atrazine

Concen: 65.286 ng

RT: 11.039 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

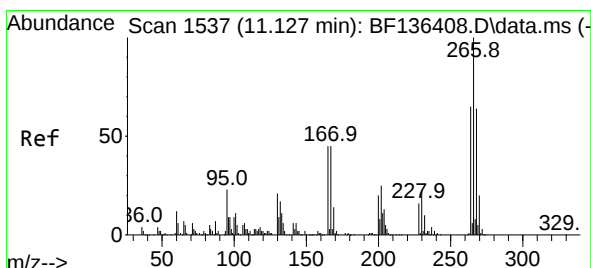
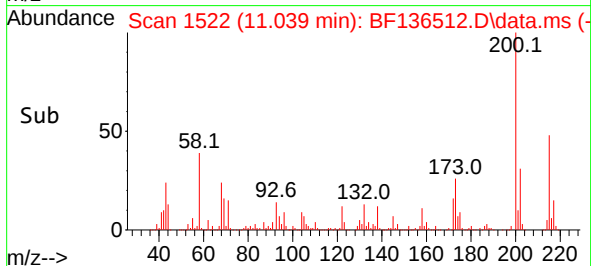
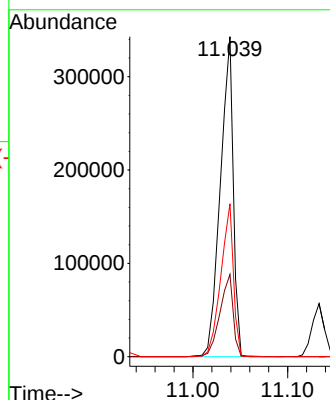
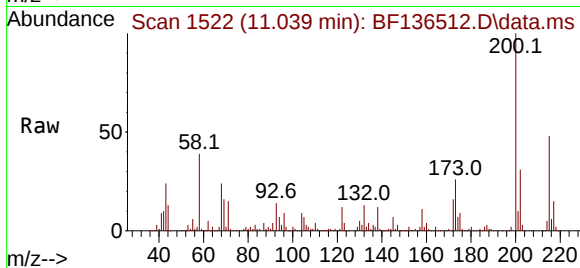
ClientSampleId :

PB157637BS

Tgt Ion:200 Resp: 32625
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.0 46.0
 215 47.8 25.5 65.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#70

Pentachlorophenol

Concen: 71.934 ng

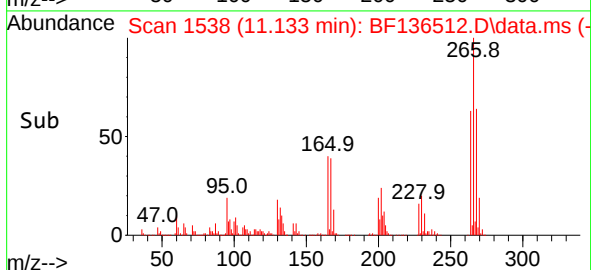
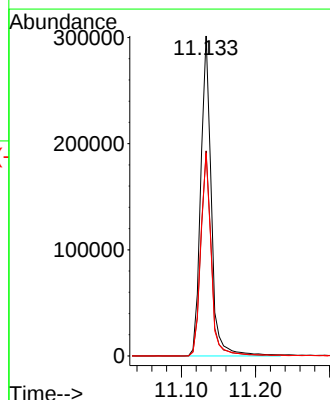
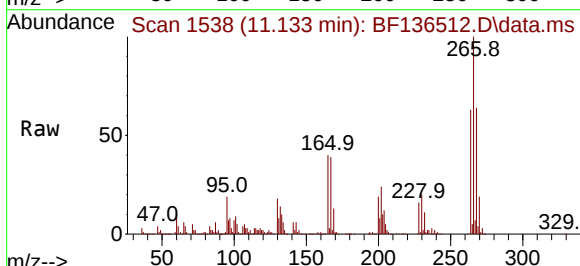
RT: 11.133 min Scan# 1538

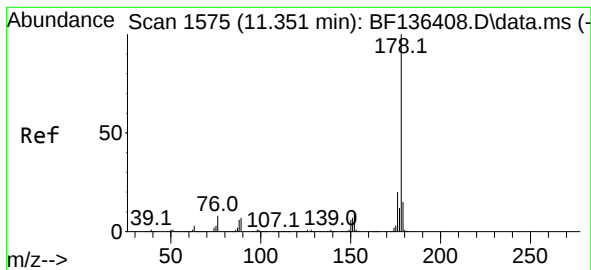
Delta R.T. 0.006 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Tgt Ion:266 Resp: 297683
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.0 76.6
 264 63.4 52.2 78.4





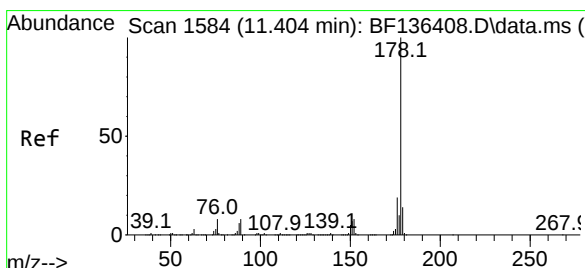
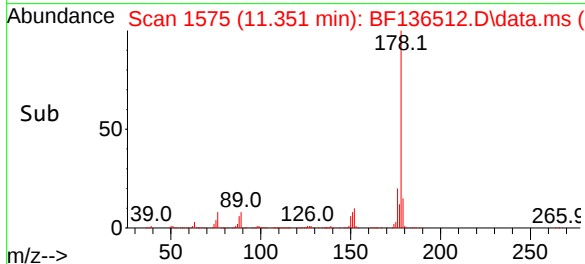
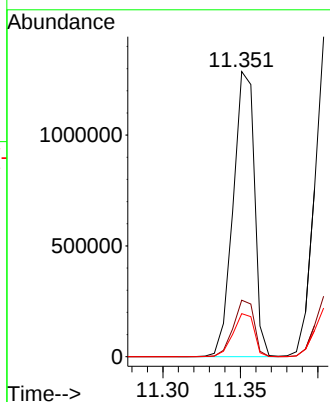
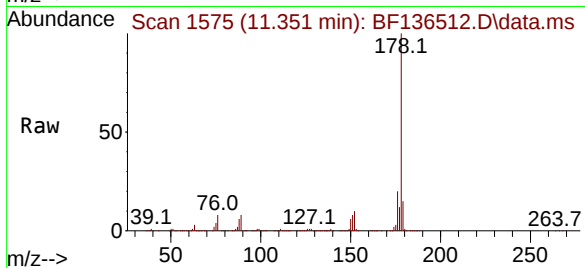
#71
Phenanthrene
Concen: 40.987 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB157637BS

Tgt Ion:178 Resp: 122928
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.1 11.8 17.6

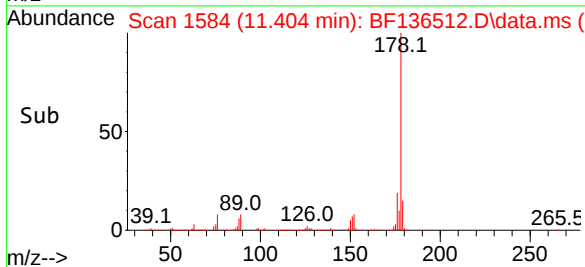
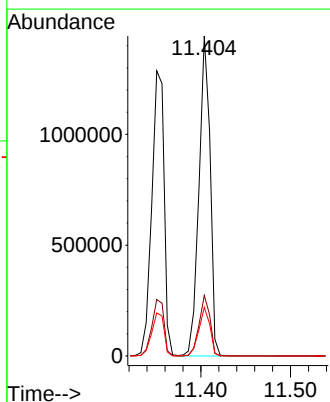
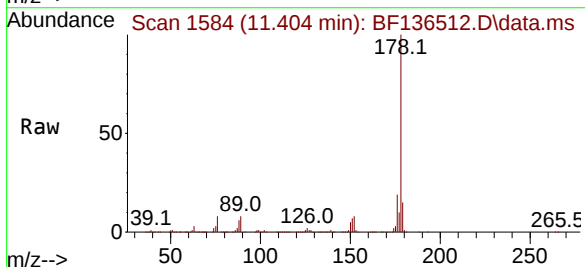
Manual Integrations
APPROVED

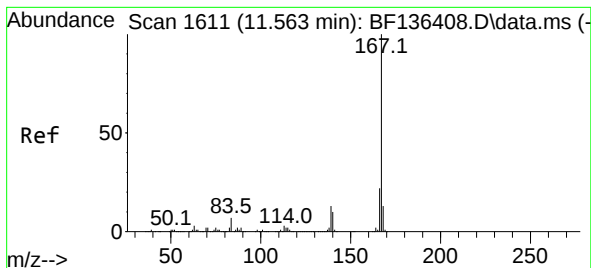
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#72
Anthracene
Concen: 41.237 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion:178 Resp: 1245701
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.2 11.4 17.0





#73

Carbazole

Concen: 38.962 ng

RT: 11.563 min Scan# 1611

Delta R.T. -0.000 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

Tgt Ion:167 Resp: 104170

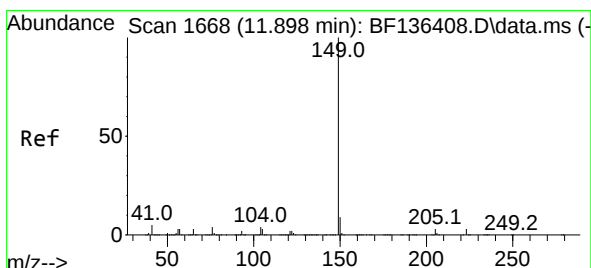
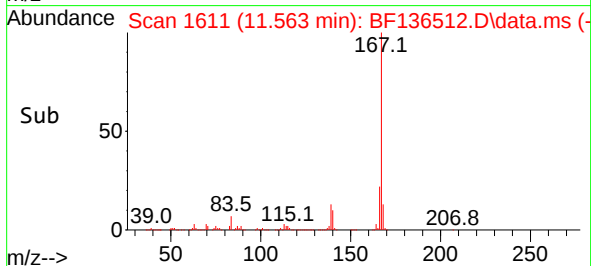
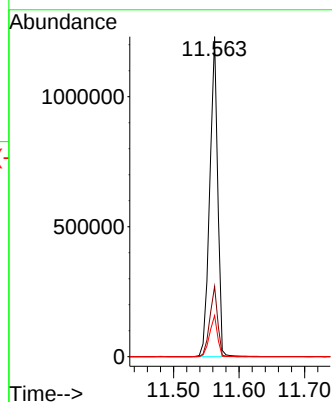
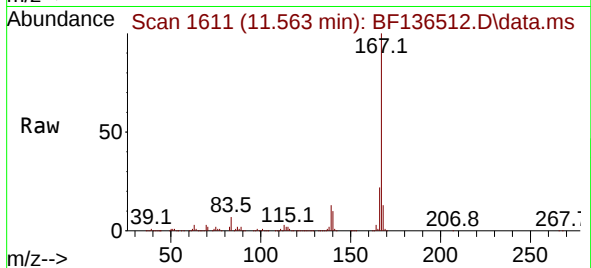
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	12.8	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#74

Di-n-butylphthalate

Concen: 40.132 ng

RT: 11.892 min Scan# 1667

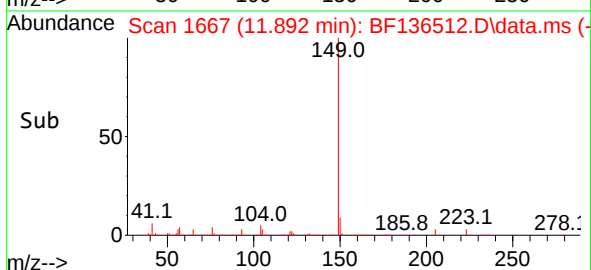
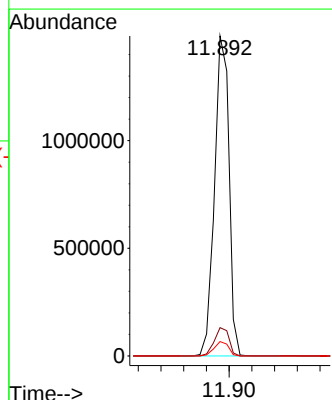
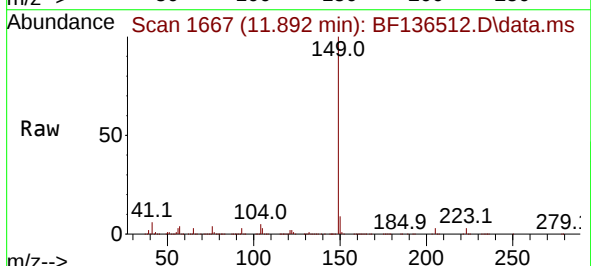
Delta R.T. -0.006 min

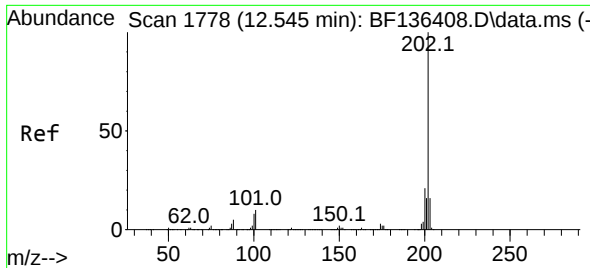
Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Tgt Ion:149 Resp: 1315384

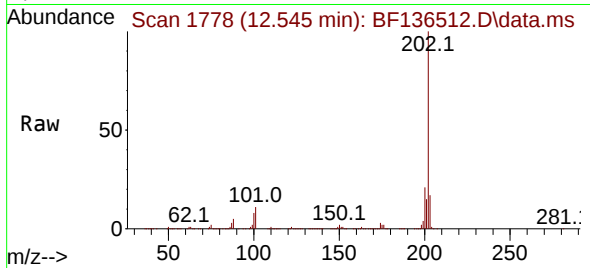
Ion	Ratio	Lower	Upper
149	100		
150	8.8	6.9	10.3
104	4.5	3.5	5.3





#75
Fluoranthene
Concen: 36.878 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

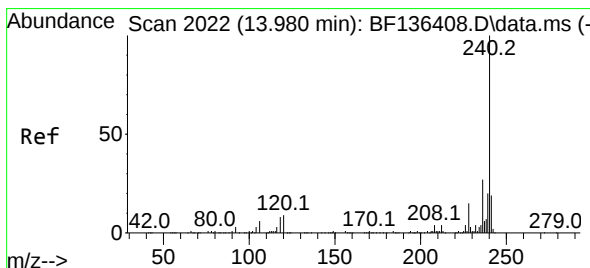
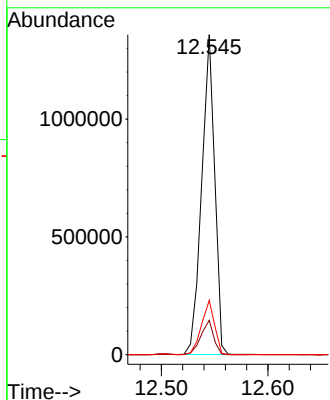
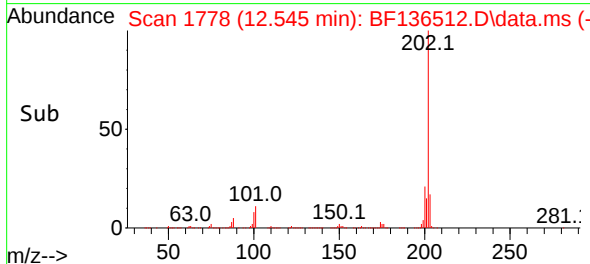
Instrument :
BNA_F
ClientSampleId :
PB157637BS



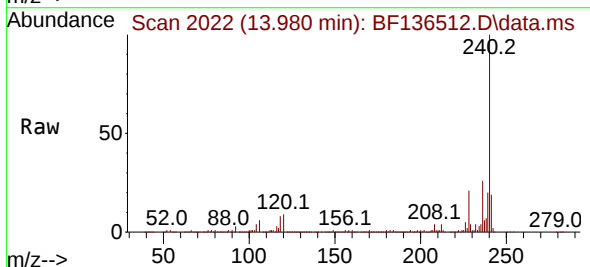
Tgt Ion:202 Resp: 115905
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.9
203 17.0 0.0 36.3

Manual Integrations
APPROVED

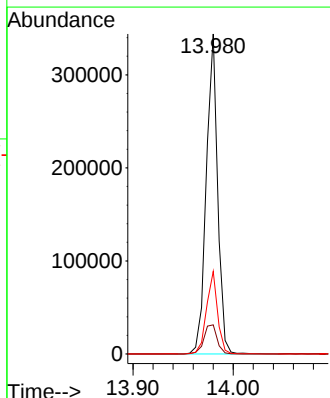
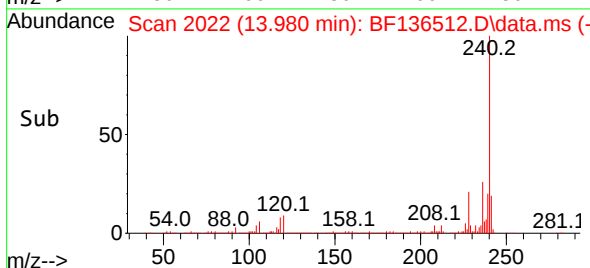
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

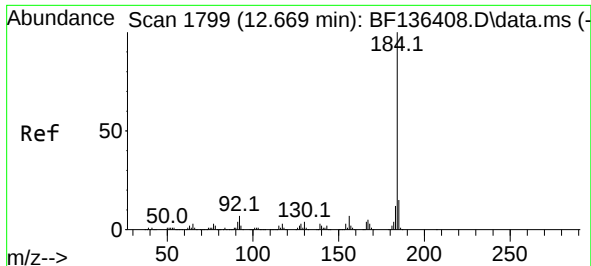


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



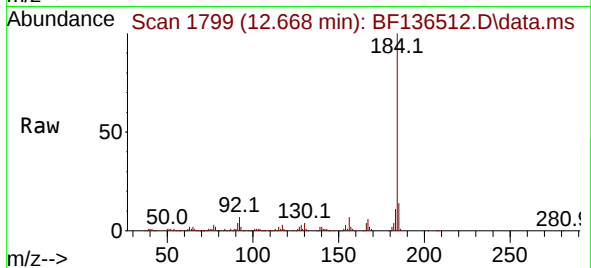
Tgt Ion:240 Resp: 272290
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.8 21.3 31.9





#77
Benzidine
Concen: 44.209 ng
RT: 12.668 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

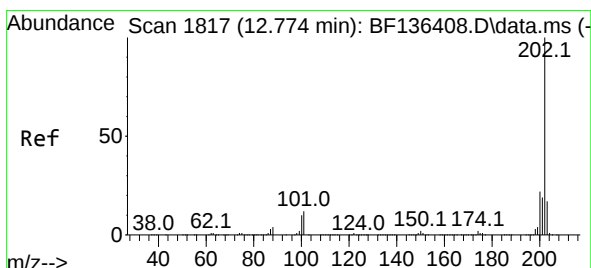
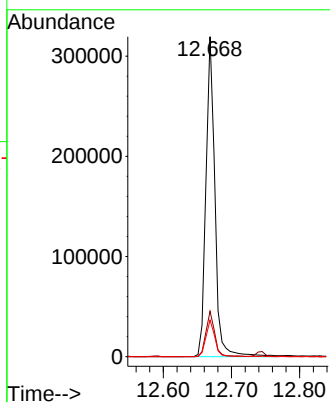
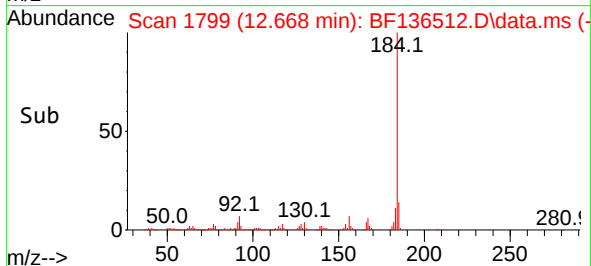
Instrument :
BNA_F
ClientSampleId :
PB157637BS



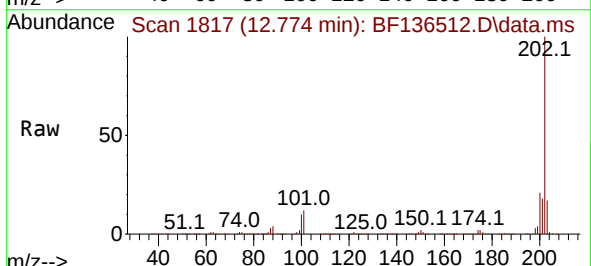
Tgt Ion:184 Resp: 293979
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 11.5 9.4 14.0

Manual Integrations
APPROVED

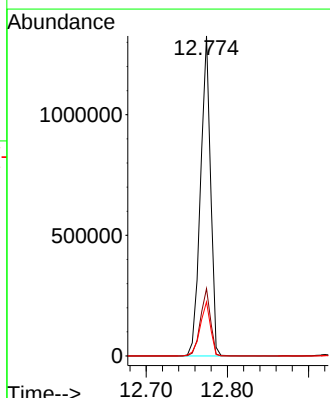
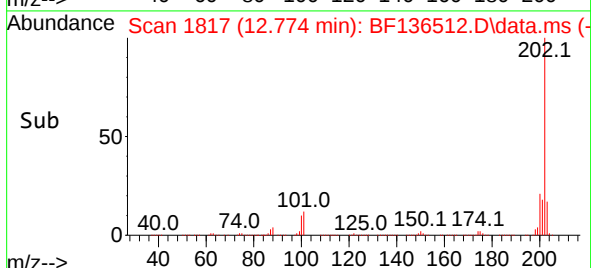
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

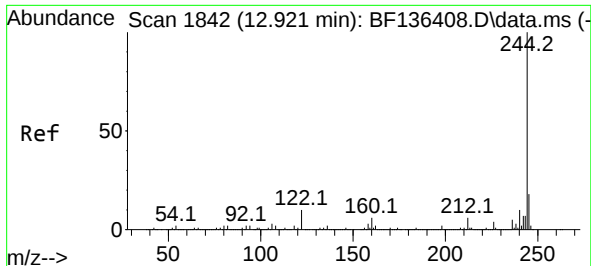


#78
Pyrene
Concen: 42.779 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



Tgt Ion:202 Resp: 1140794
Ion Ratio Lower Upper
202 100
200 21.0 18.0 27.0
203 16.9 13.5 20.3





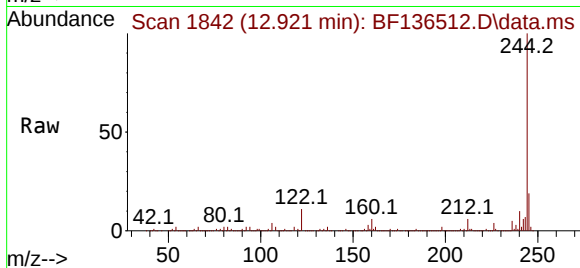
#79
 Terphenyl-d14
 Concen: 83.671 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF136512.D
 Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

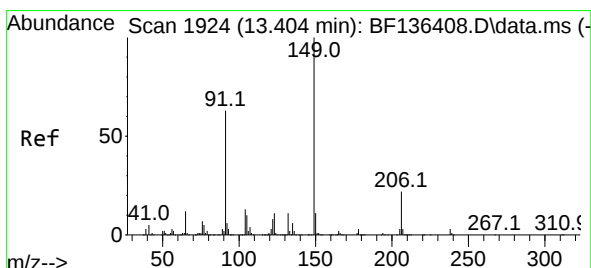
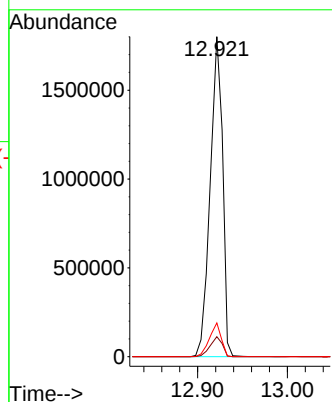
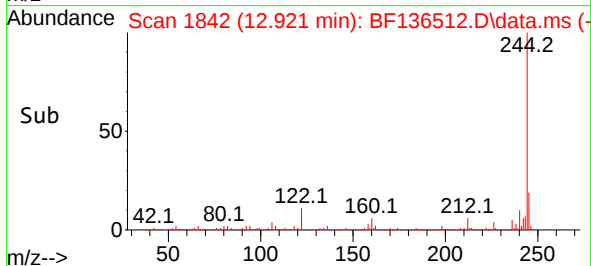


Tgt Ion:244 Resp: 172853
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.5 8.3 12.5

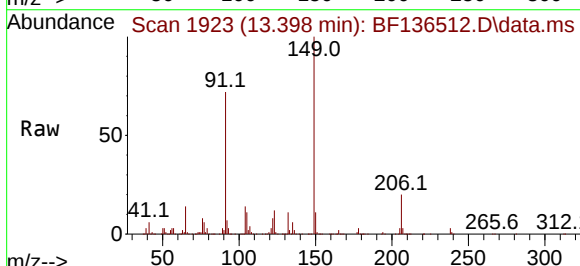
Manual Integrations

APPROVED

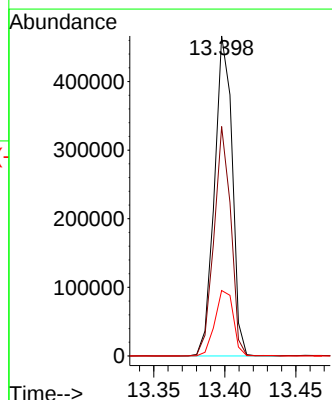
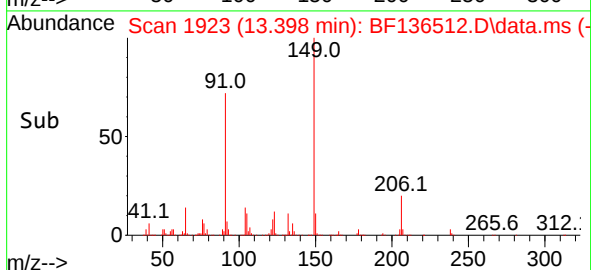
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

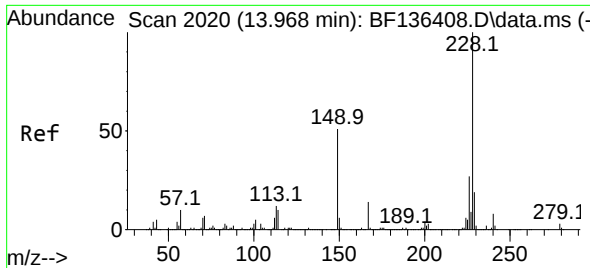


#80
 Butylbenzylphthalate
 Concen: 42.723 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136512.D
 Acq: 12 Dec 2023 12:58



Tgt Ion:149 Resp: 405570
 Ion Ratio Lower Upper
 149 100
 91 71.7 50.5 75.7
 206 20.4 17.4 26.2





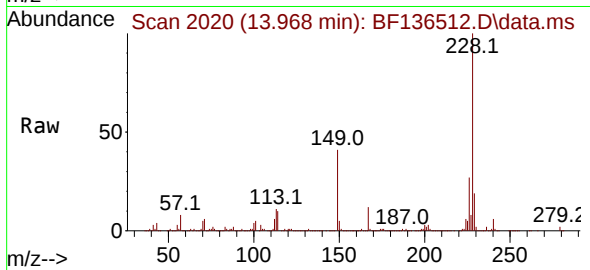
#81
Benzo(a)anthracene
Concen: 41.339 ng
RT: 13.968 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

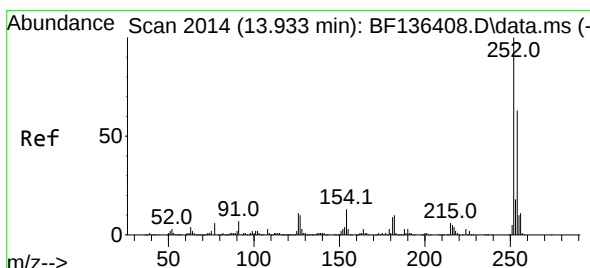
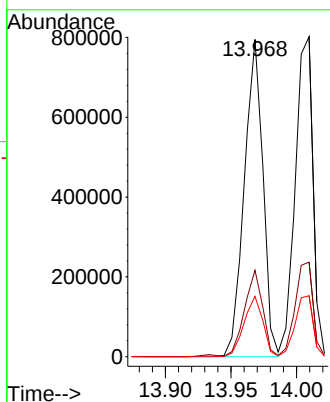
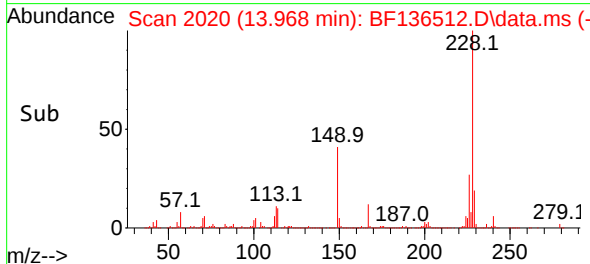


Tgt Ion:228 Resp: 784059
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.0 15.0 22.4

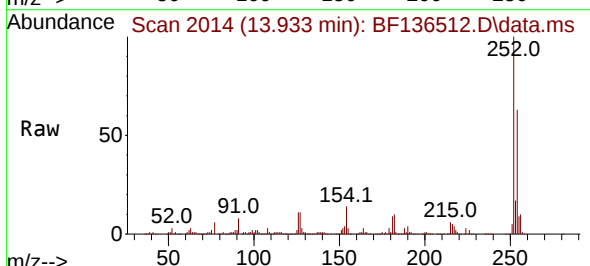
Manual Integrations

APPROVED

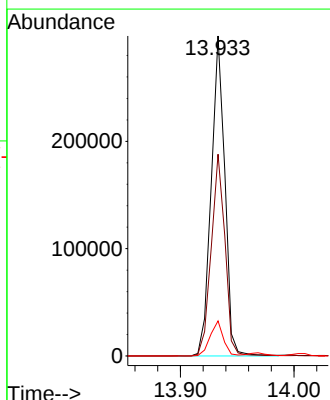
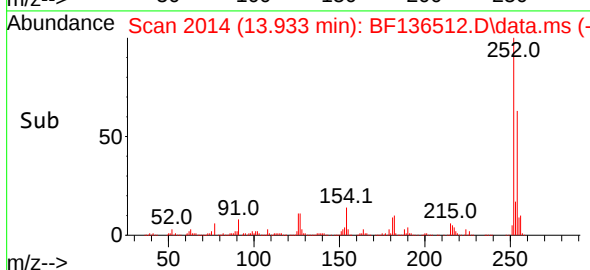
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

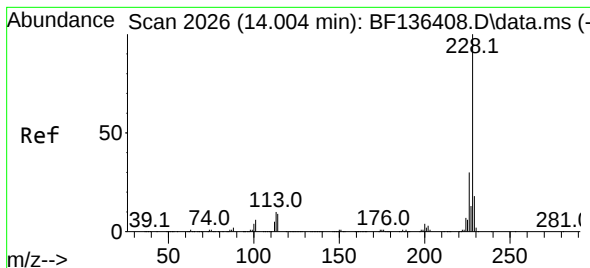


#82
3,3'-Dichlorobenzidine
Concen: 46.618 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



Tgt Ion:252 Resp: 247909
Ion Ratio Lower Upper
252 100
254 63.0 50.8 76.2
126 11.0 8.6 12.8





#83

Chrysene

Concen: 40.283 ng

RT: 14.009 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB157637BS

Tgt Ion:228 Resp: 75171

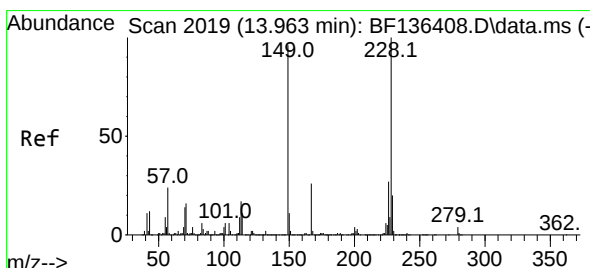
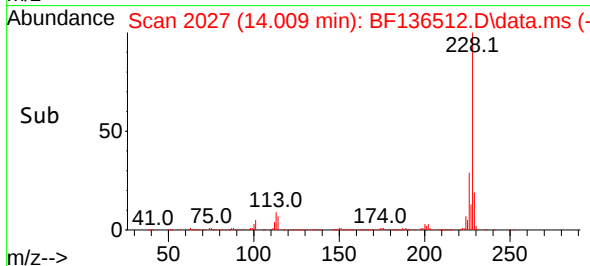
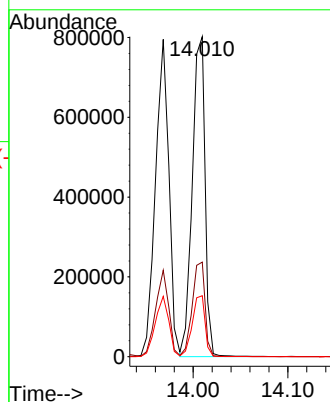
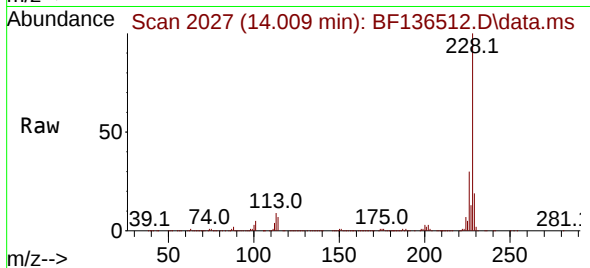
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	19.1	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.251 ng

RT: 13.962 min Scan# 2019

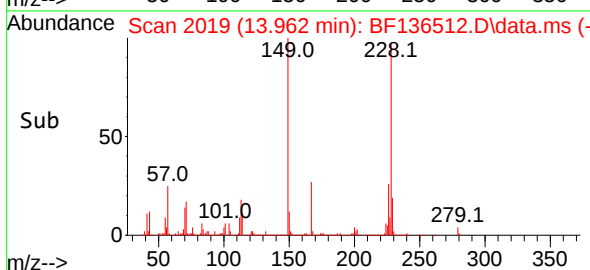
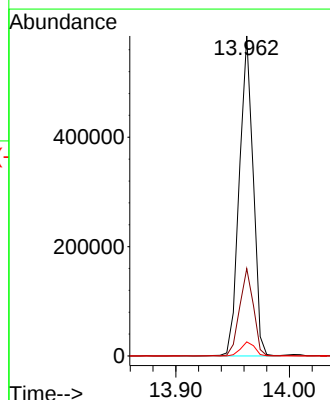
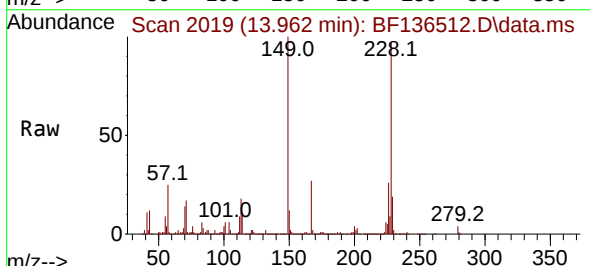
Delta R.T. -0.000 min

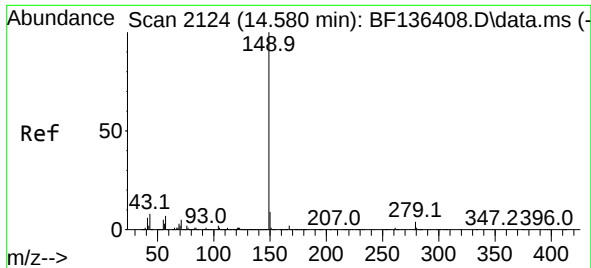
Lab File: BF136512.D

Acq: 12 Dec 2023 12:58

Tgt Ion:149 Resp: 491701

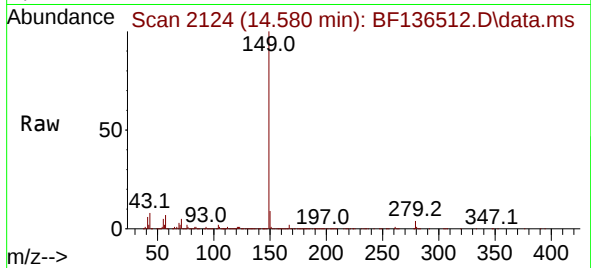
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.2	31.8
279	4.4	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 43.252 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

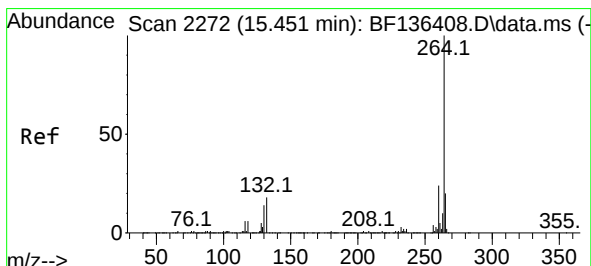
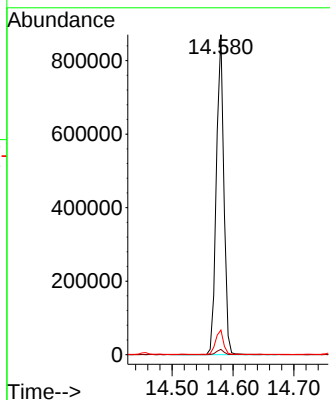
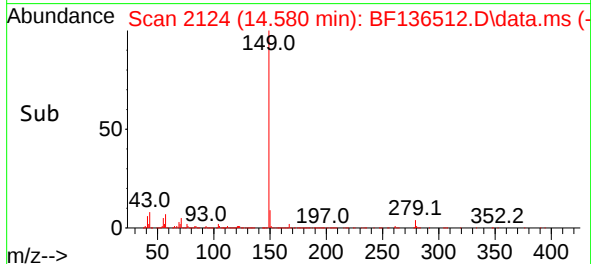
Instrument :
BNA_F
ClientSampleId :
PB157637BS



Tgt Ion:149 Resp: 743492
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.8 10.2

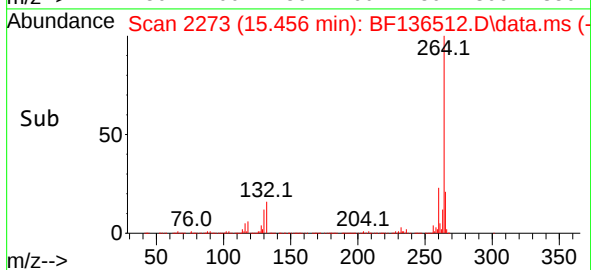
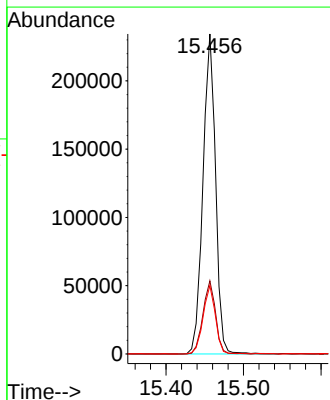
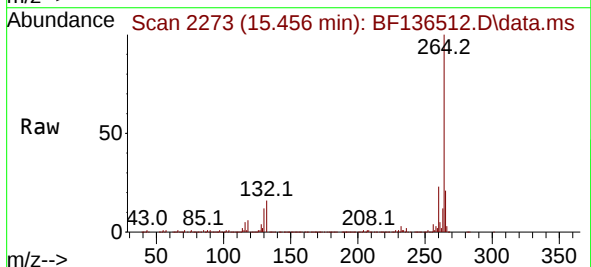
Manual Integrations
APPROVED

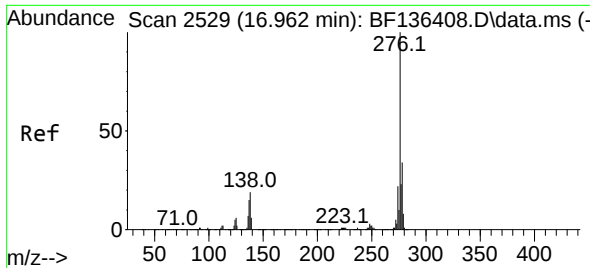
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion:264 Resp: 264163
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.3 15.9 23.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.775 ng
RT: 16.968 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

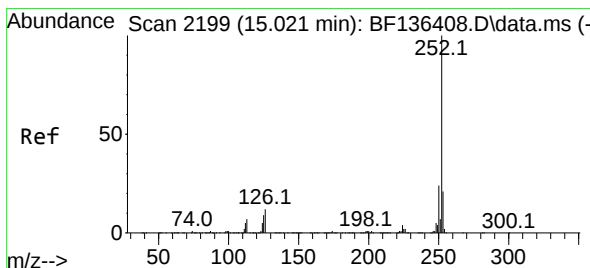
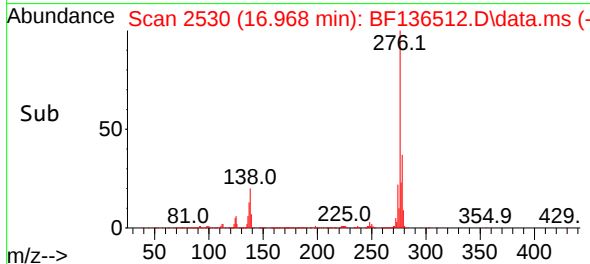
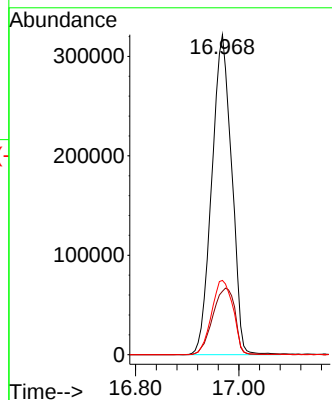
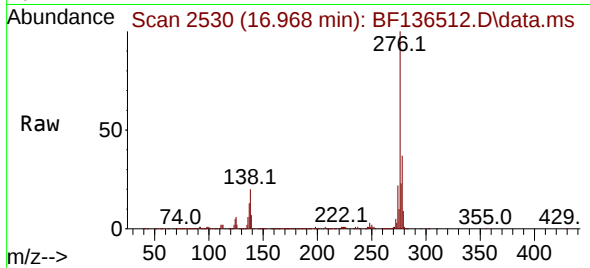
ClientSampleId :

PB157637BS

Tgt Ion:276 Resp: 85842
Ion Ratio Lower Upper
276 100
138 23.3 19.0 28.4
277 25.2 20.0 30.0

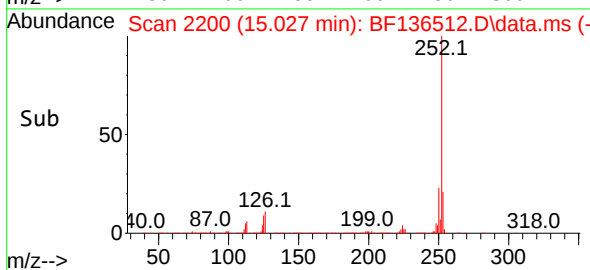
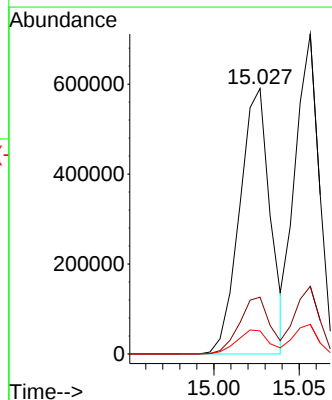
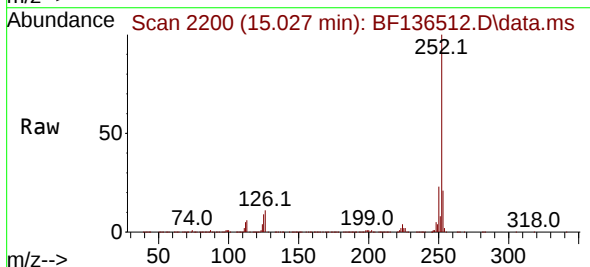
Manual Integrations
APPROVED

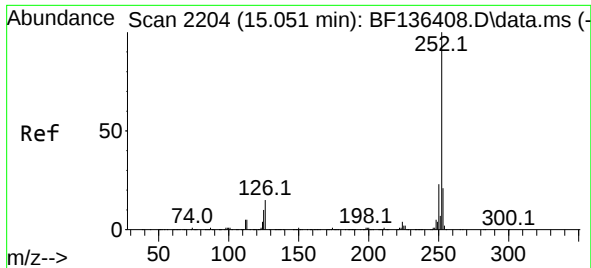
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#88
Benzo(b)fluoranthene
Concen: 40.773 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Tgt Ion:252 Resp: 736414
Ion Ratio Lower Upper
252 100
253 21.4 16.9 25.3
125 8.7 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 41.166 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

Instrument :

BNA_F

ClientSampleId :

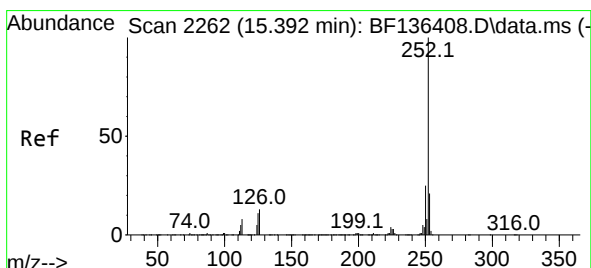
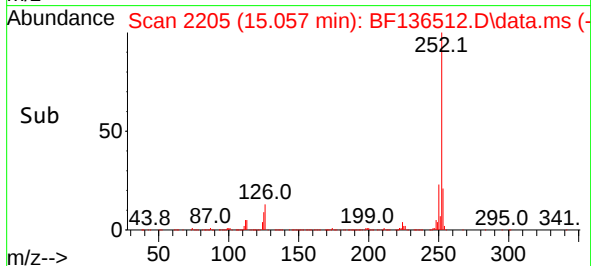
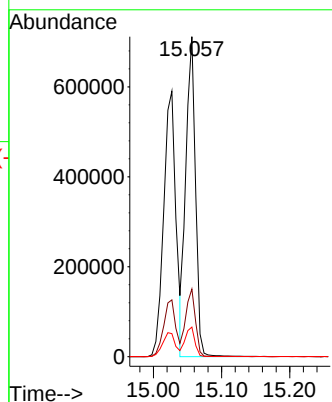
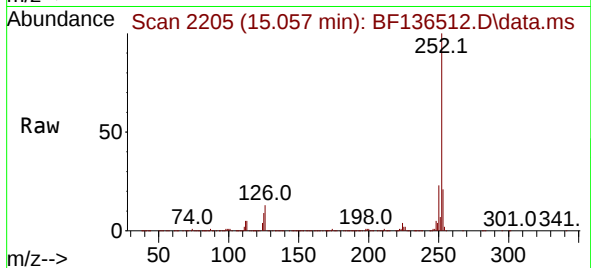
PB157637BS

Tgt Ion:252 Resp: 70070
Ion Ratio Lower Upper
252 100
253 21.1 16.9 25.3
125 9.3 7.5 11.3

Manual Integrations

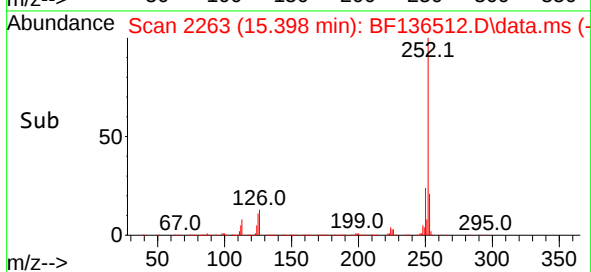
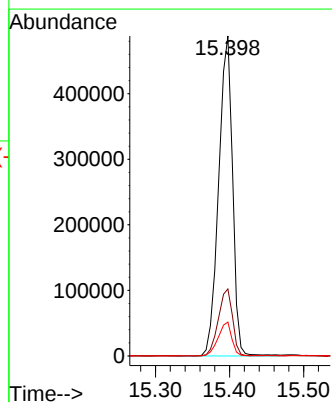
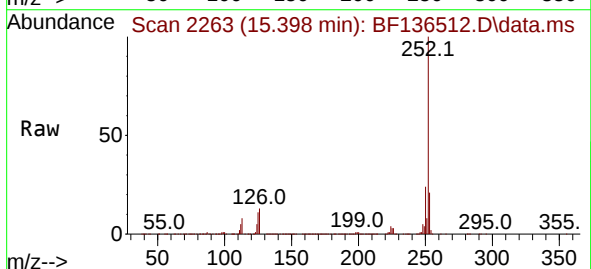
APPROVED

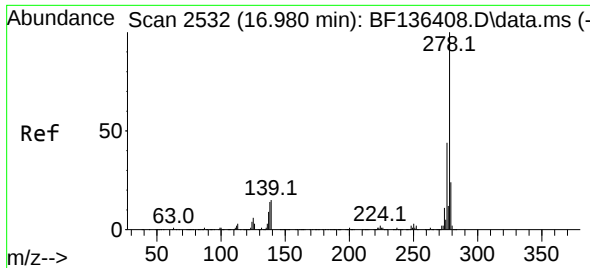
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#90
Benzo(a)pyrene
Concen: 42.613 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

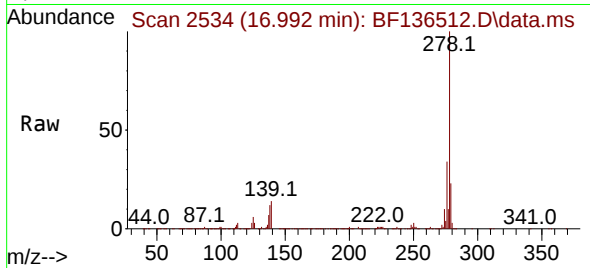
Tgt Ion:252 Resp: 635616
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.4
125 10.6 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 47.069 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58

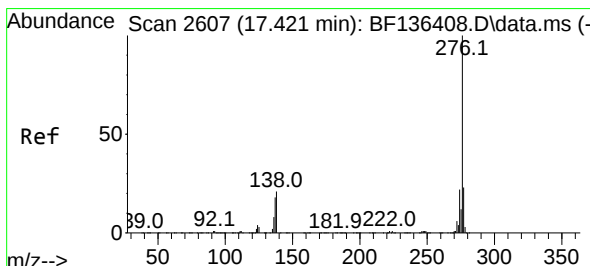
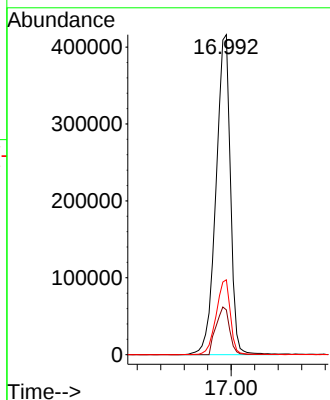
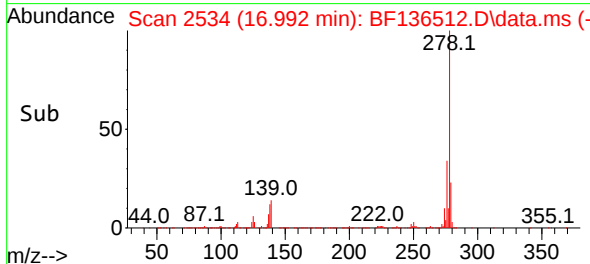
Instrument :
BNA_F
ClientSampleId :
PB157637BS



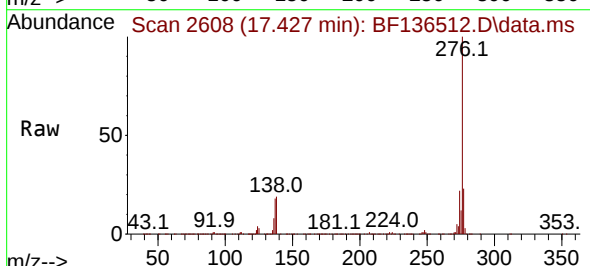
Tgt Ion:278 Resp: 70766
Ion Ratio Lower Upper
278 100
139 14.0 12.2 18.4
279 23.4 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#92
Benzo(g,h,i)perylene
Concen: 45.634 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF136512.D
Acq: 12 Dec 2023 12:58



Tgt Ion:276 Resp: 704200
Ion Ratio Lower Upper
276 100
277 23.3 18.7 28.1
138 19.4 16.6 25.0

