

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136466.D
 Acq On : 08 Dec 2023 14:29
 Operator : CG\JU
 Sample : PB157617BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157617BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 08 14:59:38 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	130837	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	560114	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	297754	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	541028	20.000	ng	0.00
76) Chrysene-d12	13.974	240	261881	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	238195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1022834	115.453	ng	0.02
7) Phenol-d6	6.451	99	1267247	114.648	ng	0.00
23) Nitrobenzene-d5	7.363	82	769663	74.285	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	410497	111.811	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1576843	72.261	ng	0.00
79) Terphenyl-d14	12.921	244	1623332	81.702	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	107998	30.820	ng	99
3) Pyridine	3.422	79	272708	32.136	ng	97
4) n-Nitrosodimethylamine	3.387	42	152431	41.345	ng	94
6) Aniline	6.463	93	324919	29.087	ng	# 1
8) 2-Chlorophenol	6.586	128	409437	42.333	ng	99
9) Benzaldehyde	6.345	77	14792	0.944	ng	94
10) Phenol	6.463	94	470416	39.995	ng	86
11) bis(2-Chloroethyl)ether	6.539	93	361986	41.289	ng	99
12) 1,3-Dichlorobenzene	6.739	146	413116	37.981	ng	100
13) 1,4-Dichlorobenzene	6.816	146	425939	38.604	ng	100
14) 1,2-Dichlorobenzene	6.963	146	407596	39.284	ng	98
15) Benzyl Alcohol	6.945	79	320748	43.334	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	456858	40.517	ng	93
17) 2-Methylphenol	7.057	107	320104	40.966	ng	95
18) Hexachloroethane	7.304	117	150434	39.051	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	259807	40.746	ng	99
20) 3+4-Methylphenols	7.210	107	394922	40.719	ng	98
22) Acetophenone	7.204	105	550601	39.808	ng	# 98
24) Nitrobenzene	7.381	77	393366	37.741	ng	100
25) Isophorone	7.616	82	728762	39.150	ng	99
26) 2-Nitrophenol	7.692	139	213003	41.569	ng	99
27) 2,4-Dimethylphenol	7.739	122	331750	52.507	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	456299	39.893	ng	99
29) 2,4-Dichlorophenol	7.939	162	338928	40.640	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	373086	38.365	ng	98
31) Naphthalene	8.098	128	1181456	38.250	ng	100
32) Benzoic acid	7.880	122	250376	39.946	ng	96
33) 4-Chloroaniline	8.151	127	272512	24.747	ng	98
34) Hexachlorobutadiene	8.210	225	214232	37.172	ng	99
35) Caprolactam	8.527	113	104073m	40.523	ng	
36) 4-Chloro-3-methylphenol	8.639	107	356304	40.238	ng	99
37) 2-Methylnaphthalene	8.792	142	764229	38.891	ng	95
38) 1-Methylnaphthalene	8.886	142	718852	37.280	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	363840	39.276	ng	99
41) Hexachlorocyclopentadiene	8.939	237	350697	102.187	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	240038	39.796	ng	99

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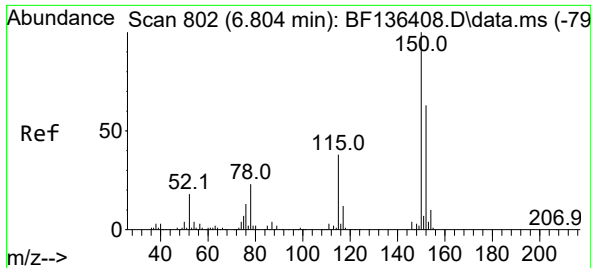
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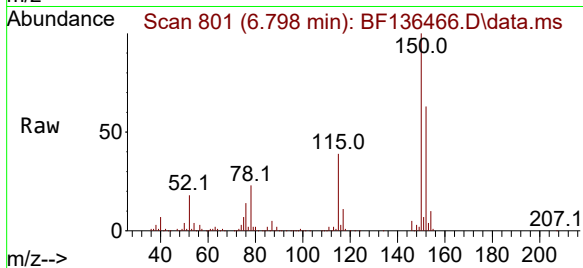
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	261878	38.900	ng	94
46) 1,1'-Biphenyl	9.257	154	973563	38.426	ng	99
47) 2-Chloronaphthalene	9.280	162	737909	37.420	ng	99
48) 2-Nitroaniline	9.380	65	210274	39.758	ng	95
49) Acenaphthylene	9.698	152	1134335	40.381	ng	99
50) Dimethylphthalate	9.563	163	863451	39.388	ng	99
51) 2,6-Dinitrotoluene	9.622	165	193610	39.258	ng	93
52) Acenaphthene	9.869	154	696697	38.704	ng	99
53) 3-Nitroaniline	9.792	138	155375	30.852	ng	98
54) 2,4-Dinitrophenol	9.904	184	202434	81.185	ng	92
55) Dibenzofuran	10.039	168	1023536	38.922	ng	98
56) 4-Nitrophenol	9.969	139	291282	77.154	ng	98
57) 2,4-Dinitrotoluene	10.033	165	251694	38.579	ng	96
58) Fluorene	10.386	166	800512	37.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	224020	41.543	ng	99
60) Diethylphthalate	10.263	149	837404	38.847	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	395384	38.422	ng	99
62) 4-Nitroaniline	10.416	138	183774	36.750	ng	99
63) Azobenzene	10.539	77	747667	38.106	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	138631	41.374	ng	96
66) n-Nitrosodiphenylamine	10.498	169	721464	41.558	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	251136	39.924	ng	93
68) Hexachlorobenzene	10.933	284	288601	39.696	ng	# 92
69) Atrazine	11.033	200	207512	41.880	ng	99
70) Pentachlorophenol	11.133	266	261715	63.784	ng	98
71) Phenanthrene	11.351	178	1199827	40.348	ng	100
72) Anthracene	11.404	178	1208134	40.336	ng	99
73) Carbazole	11.557	167	1017014	38.364	ng	100
74) Di-n-butylphthalate	11.892	149	1272236	39.148	ng	99
75) Fluoranthene	12.545	202	1133467	36.372	ng	100
77) Benzidine	12.663	184	78250	19.320	ng	98
78) Pyrene	12.768	202	1121274	43.718	ng	99
80) Butylbenzylphthalate	13.398	149	390181	42.736	ng	95
81) Benzo(a)anthracene	13.968	228	754674	41.371	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	207652	40.600	ng	99
83) Chrysene	14.004	228	703084	39.175	ng	100
84) Bis(2-ethylhexyl)phtha...	13.962	149	477577	42.669	ng	99
85) Di-n-octyl phthalate	14.580	149	716912	43.363	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	853953	51.605	ng	100
88) Benzo(b)fluoranthene	15.021	252	665732	40.878	ng	99
89) Benzo(k)fluoranthene	15.051	252	648391	42.246	ng	100
90) Benzo(a)pyrene	15.392	252	593646	44.138	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	716449	52.848	ng	99
92) Benzo(g,h,i)perylene	17.421	276	707815	50.868	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: BF136466.D
Acq: 08 Dec 2023 14:29

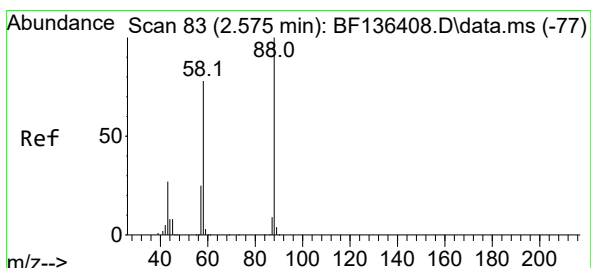
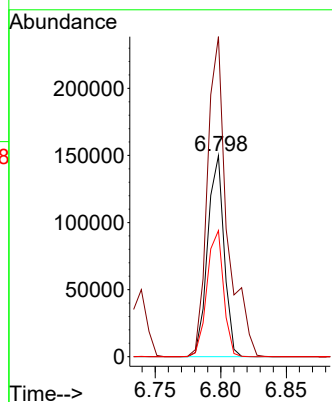
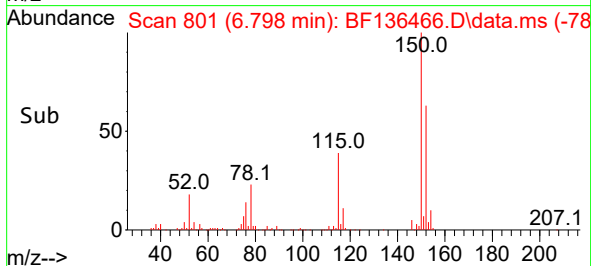
Instrument :
BNA_F
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Tgt Ion:152 Resp: 13083
Ion Ratio Lower Upper
152 100
150 159.2 126.4 189.6
115 62.7 48.2 72.4

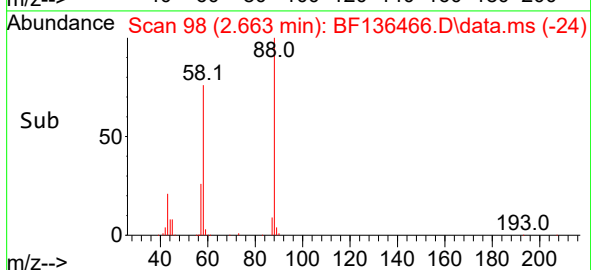
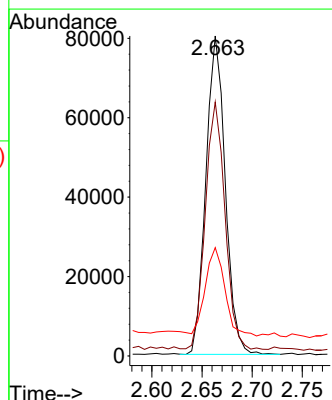
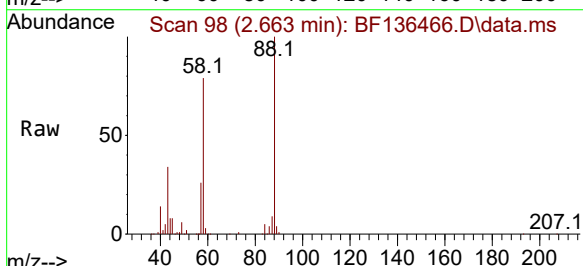
Manual Integrations
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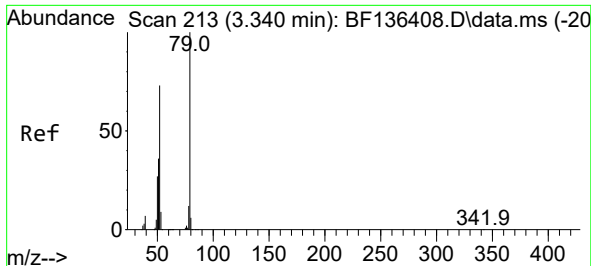
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#2
1,4-Dioxane
Concen: 30.820 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.088 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

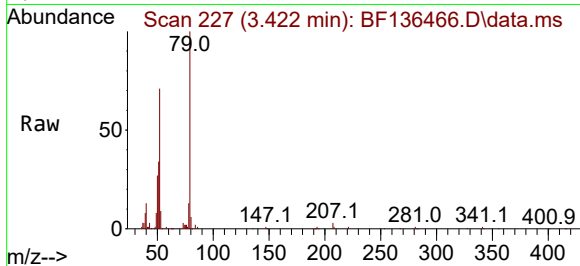
Tgt Ion: 88 Resp: 107998
Ion Ratio Lower Upper
88 100
58 78.7 62.2 93.2
43 27.9 21.5 32.3





#3
Pyridine
Concen: 32.136 ng
RT: 3.422 min Scan# 213
Delta R.T. 0.082 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

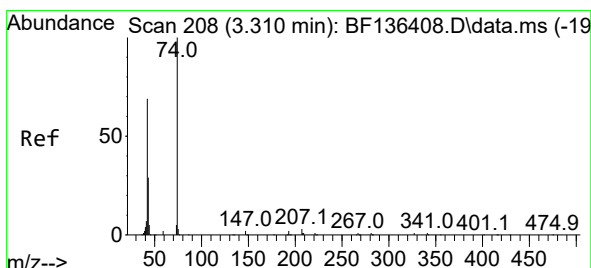
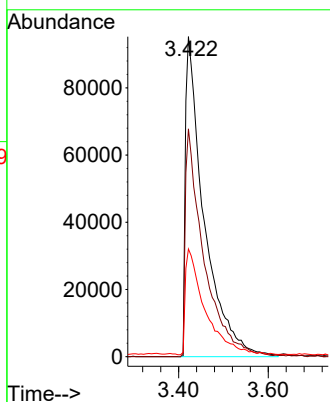
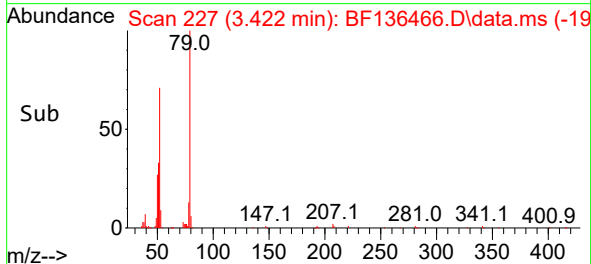
Instrument :
BNA_F
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PB157617BS



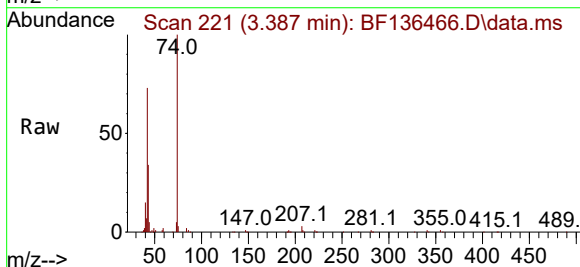
Tgt Ion: 79 Resp: 272708
Ion Ratio Lower Upper
79 100
52 71.2 58.2 87.2
51 33.7 29.1 43.7

Manual Integrations
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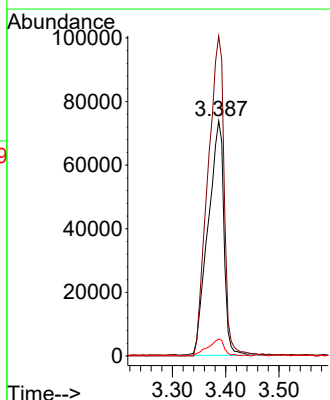
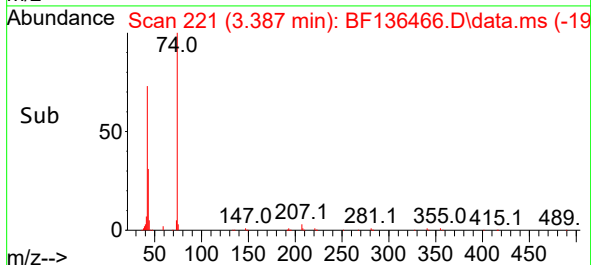
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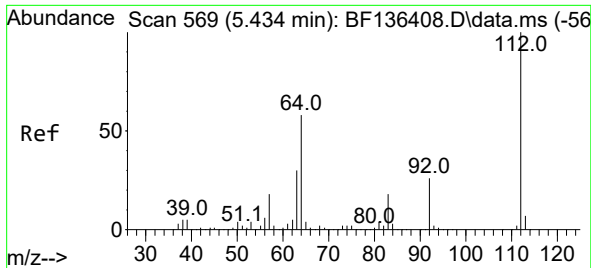


#4
n-Nitrosodimethylamine
Concen: 41.345 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.076 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29



Tgt Ion: 42 Resp: 152431
Ion Ratio Lower Upper
42 100
74 136.1 115.4 173.0
44 7.2 6.2 9.2





#5
2-Fluorophenol
Concen: 115.453 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

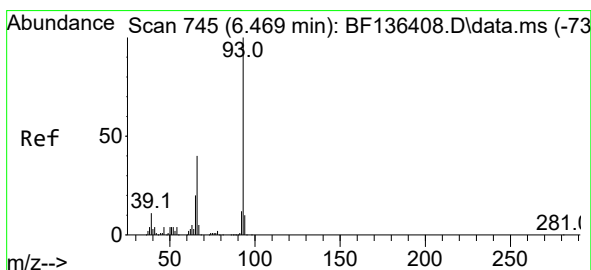
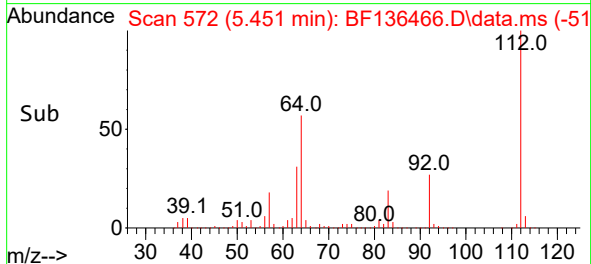
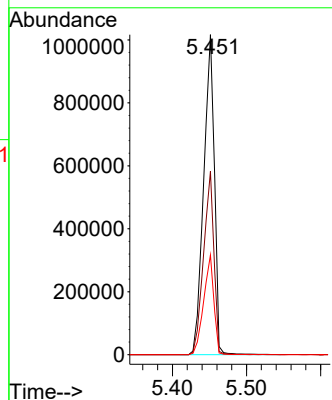
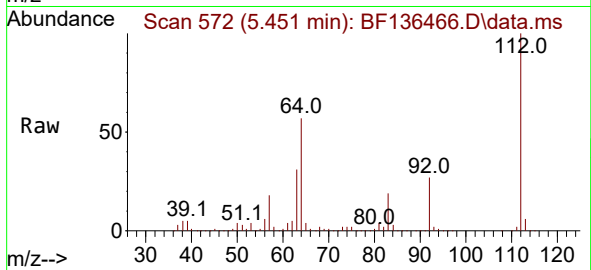
PB157617BS

Tgt Ion:112 Resp: 1022834
Ion Ratio Lower Upper
112 100
64 57.3 46.5 69.7
63 31.1 23.9 35.9

Manual Integrations

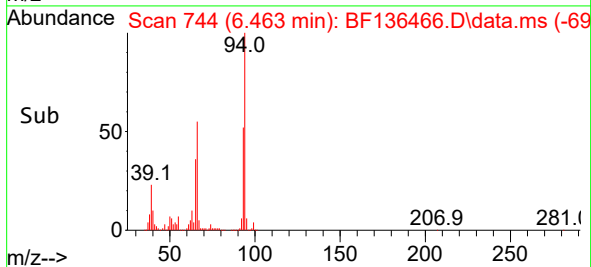
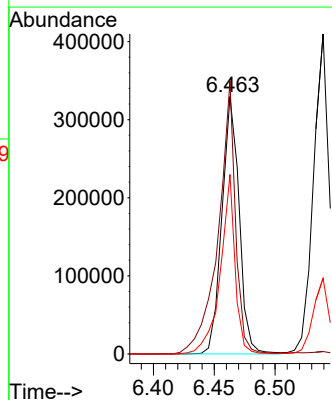
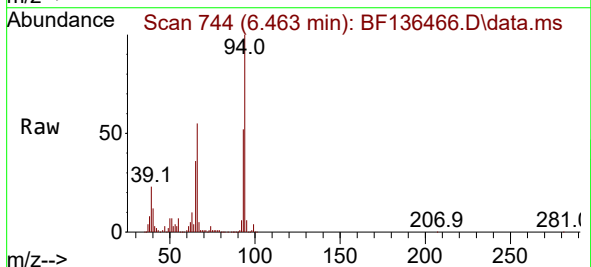
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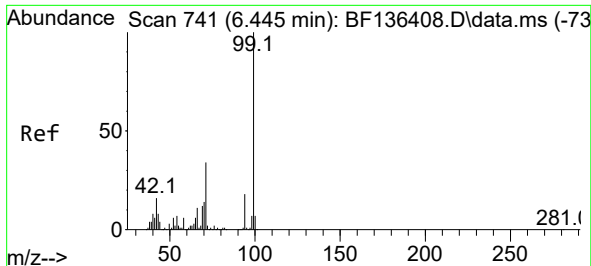
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#6
Aniline
Concen: 29.087 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

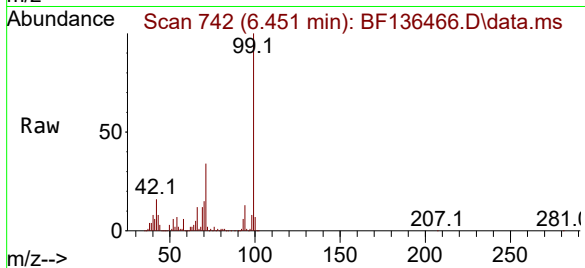
Tgt Ion: 93 Resp: 324919
Ion Ratio Lower Upper
93 100
66 106.1 32.5 48.7#
65 69.7 16.4 24.6#





#7
Phenol-d6
Concen: 114.648 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

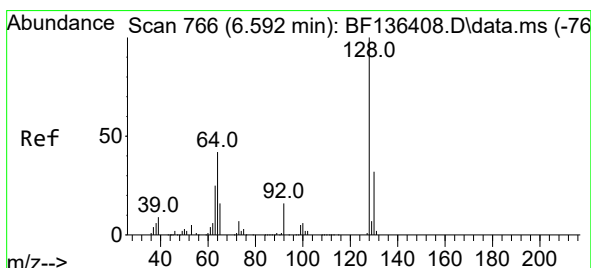
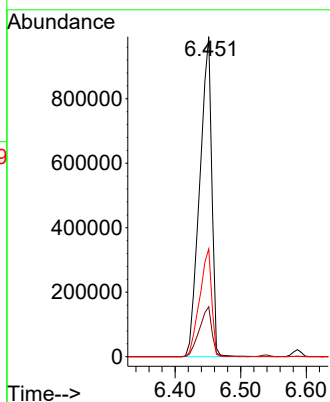
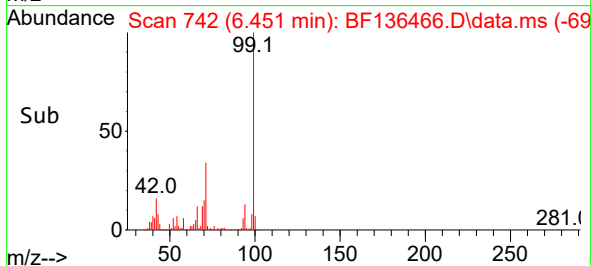
Instrument :
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Tgt Ion: 99 Resp: 126724
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 33.7 27.0 40.4

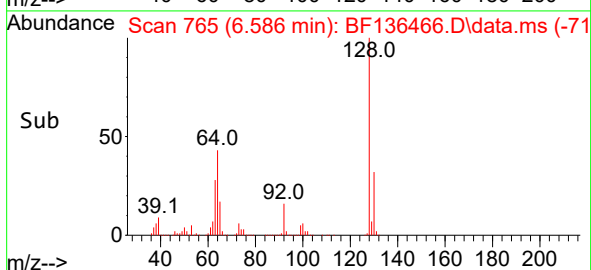
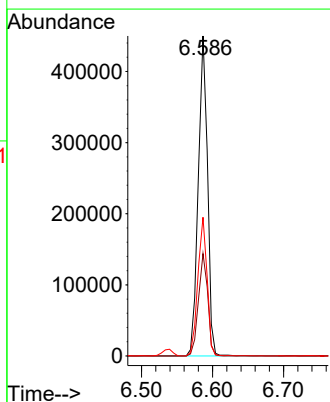
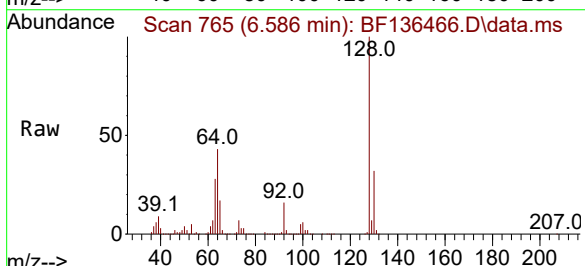
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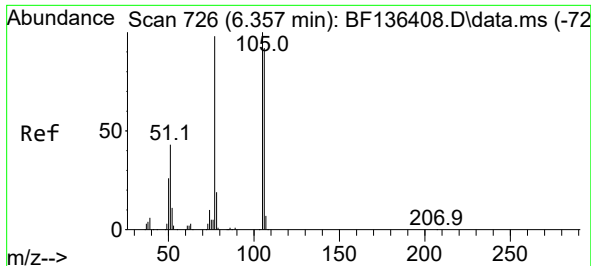
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#8
2-Chlorophenol
Concen: 42.333 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

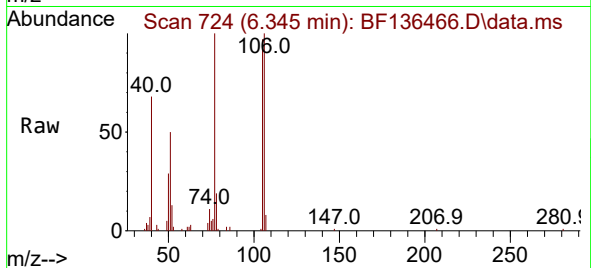
Tgt Ion:128 Resp: 409437
Ion Ratio Lower Upper
128 100
130 32.0 11.7 51.7
64 43.4 22.5 62.5





#9
Benzaldehyde
Concen: 0.944 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

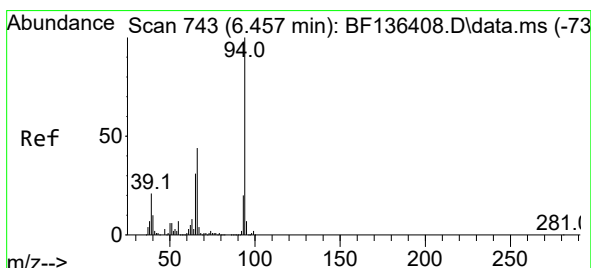
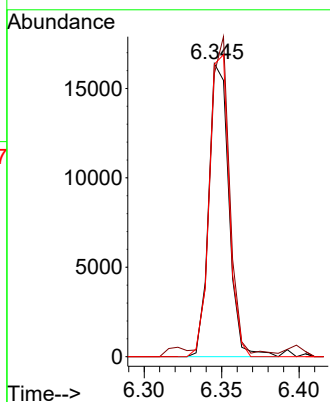
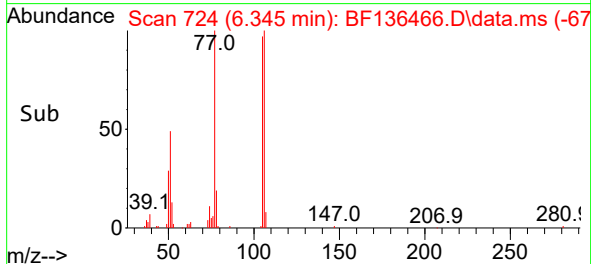
Instrument :
BNA_F
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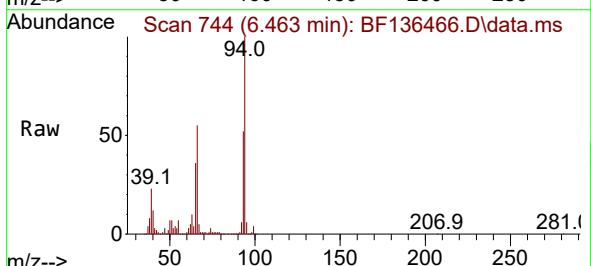
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Ion Ratio Lower Upper
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105 96.6 82.5 122.5
106 99.8 74.5 114.5

Manual Integrations
APPROVED

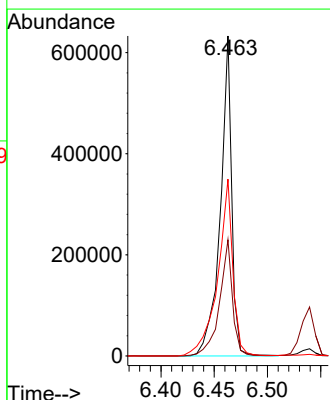
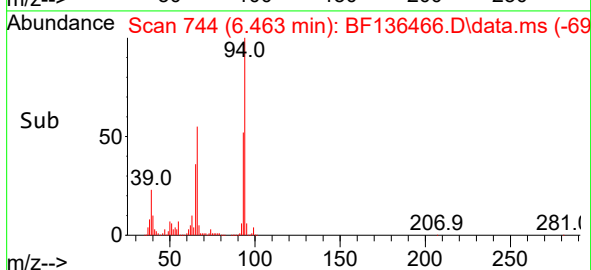
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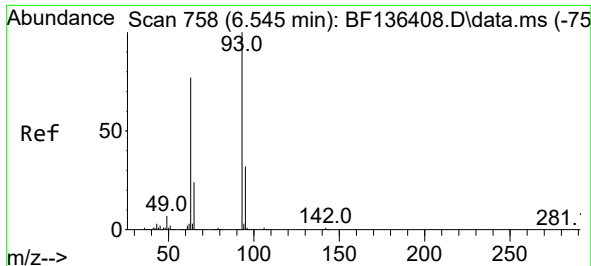


#10
Phenol
Concen: 39.995 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29



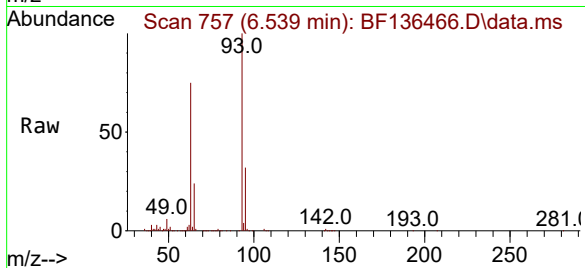
Tgt Ion: 94 Resp: 470416
Ion Ratio Lower Upper
94 100
65 36.3 11.2 51.2
66 55.2 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 41.289 ng
RT: 6.539 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

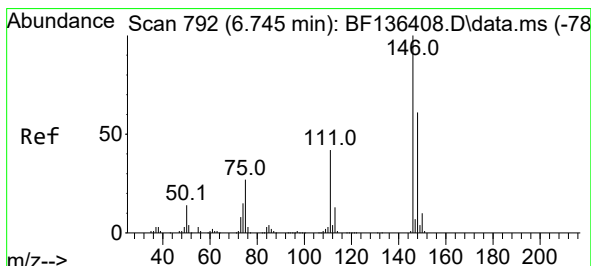
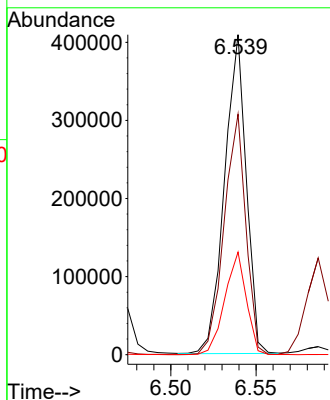
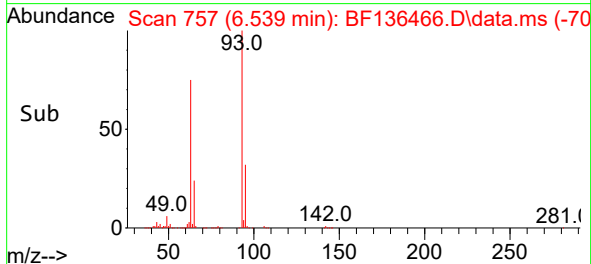
Instrument :
BNA_F
ClientSampleId :
PB157617BS



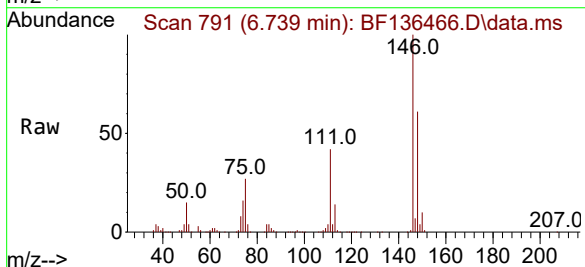
Tgt Ion: 93 Resp: 361980
Ion Ratio Lower Upper
93 100
63 75.1 56.8 96.8
95 32.1 11.8 51.8

Manual Integrations
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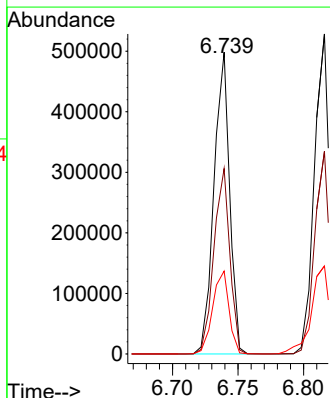
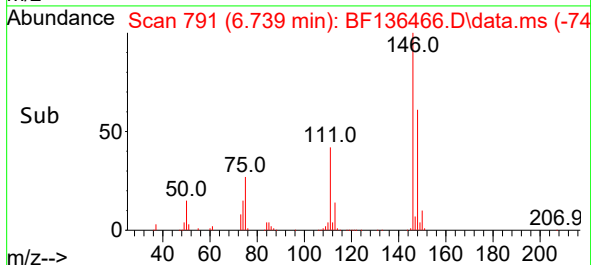
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023

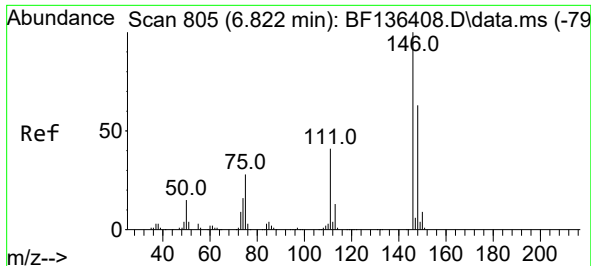


#12
1,3-Dichlorobenzene
Concen: 37.981 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29



Tgt Ion:146 Resp: 413116
Ion Ratio Lower Upper
146 100
148 61.5 49.0 73.6
75 27.5 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 38.604 ng

RT: 6.816 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

Tgt Ion:146 Resp: 425939

Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

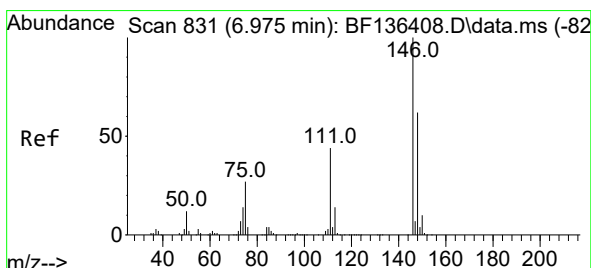
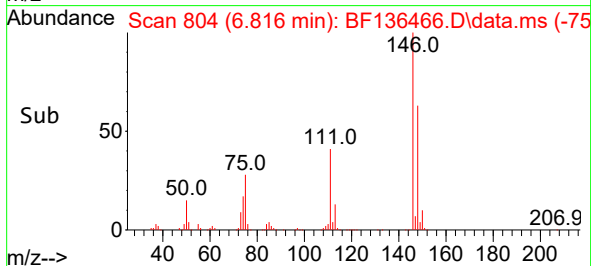
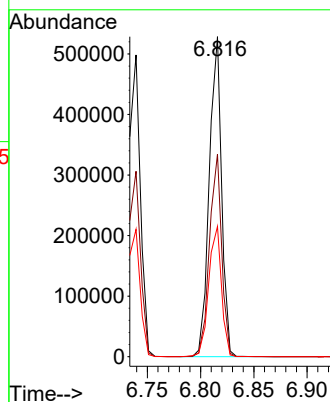
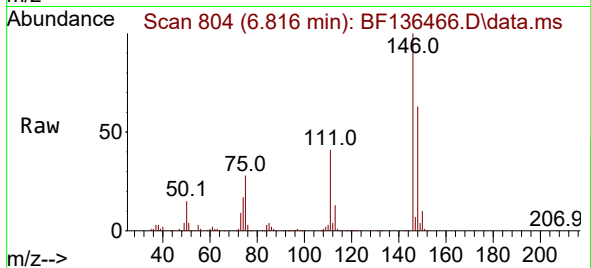
111 40.7 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/14/2023



#14

1,2-Dichlorobenzene

Concen: 39.284 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.012 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

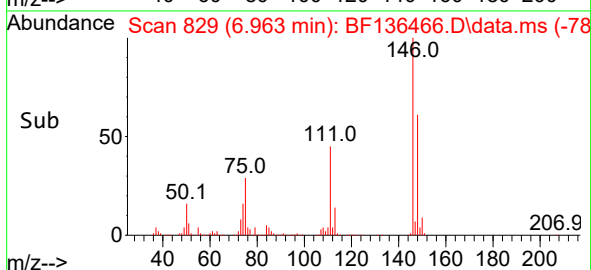
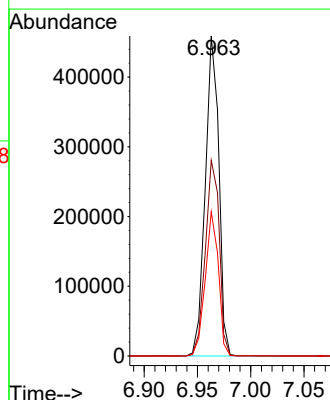
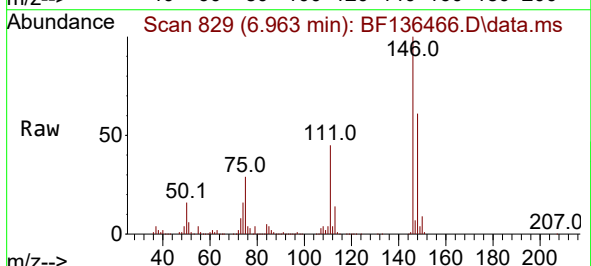
Tgt Ion:146 Resp: 407596

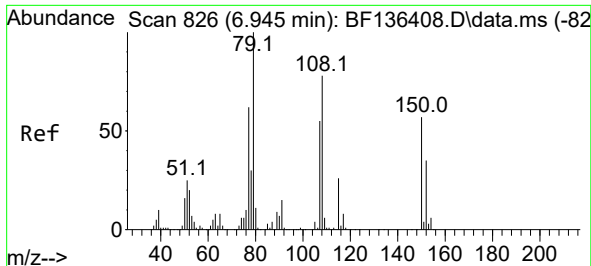
Ion Ratio Lower Upper

146 100

148 61.1 49.8 74.6

111 45.1 34.9 52.3





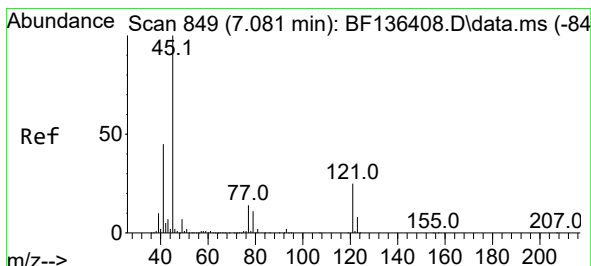
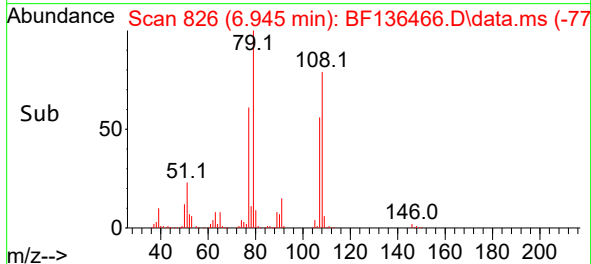
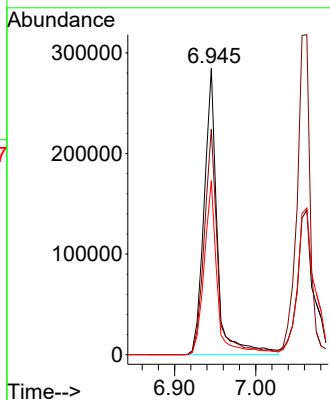
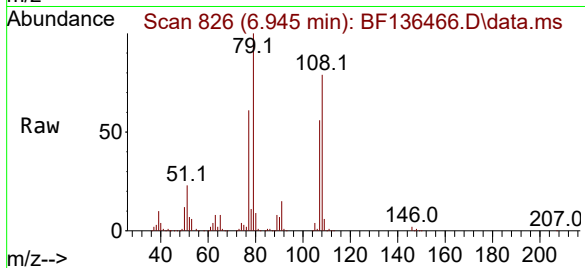
#15
Benzyl Alcohol
Concen: 43.334 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB157617BS

Tgt Ion: 79 Resp: 32074
Ion Ratio Lower Upper
79 100
108 78.7 62.3 93.5
77 60.8 49.8 74.8

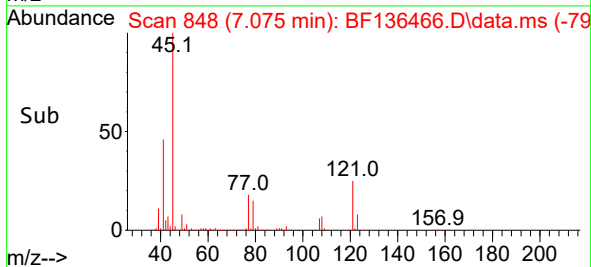
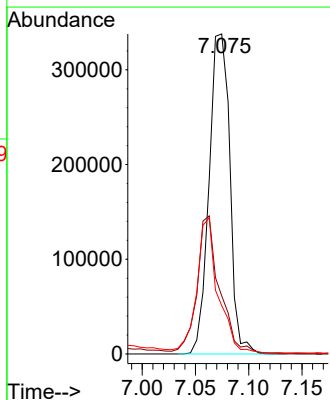
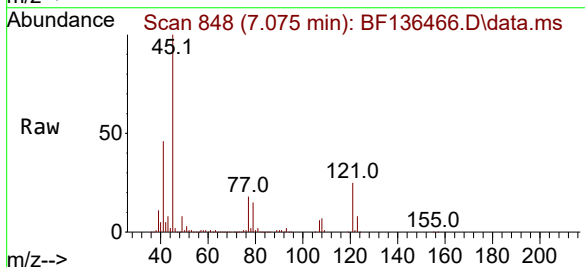
Manual Integrations
APPROVED

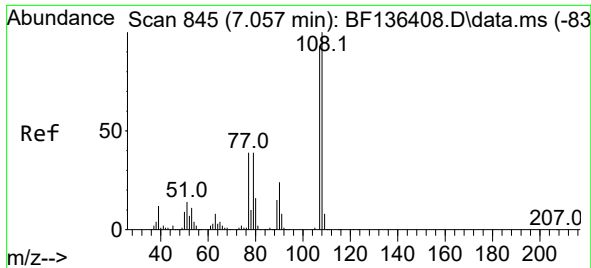
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.517 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

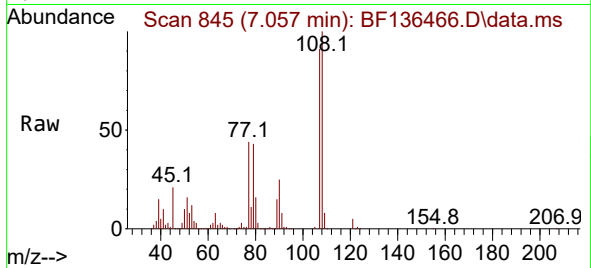
Tgt Ion: 45 Resp: 456858
Ion Ratio Lower Upper
45 100
77 18.1 0.0 35.3
79 15.1 0.0 32.5





#17
2-Methylphenol
Concen: 40.966 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

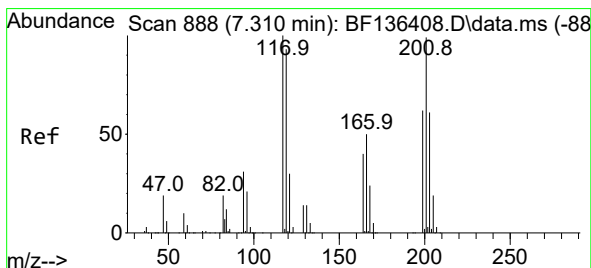
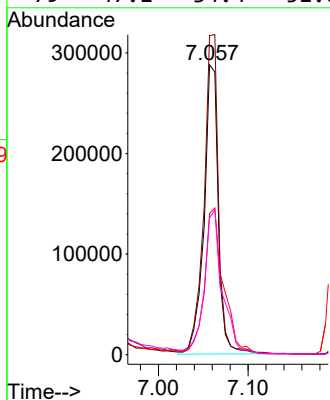
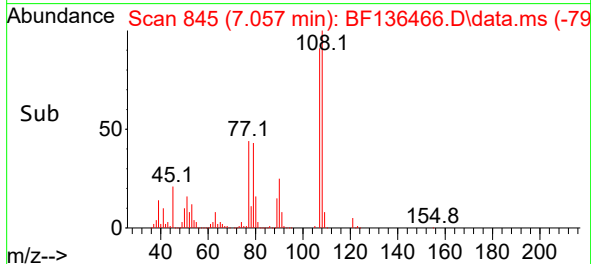
Instrument :
BNA_F
ClientSampleId :
PB157617BS



Tgt Ion:	107	Resp:	320104
Ion	Ratio	Lower	Upper
107	100		
108	110.1	86.5	129.7
77	48.7	33.8	50.8
79	47.1	34.4	51.6

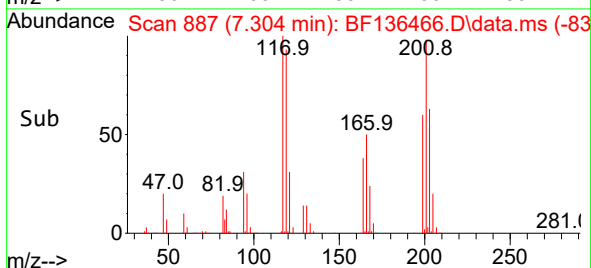
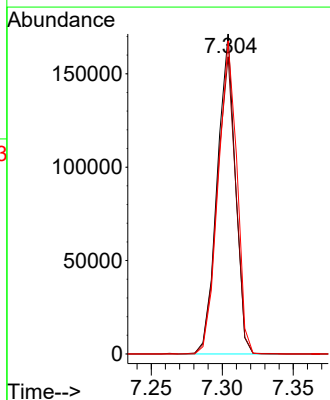
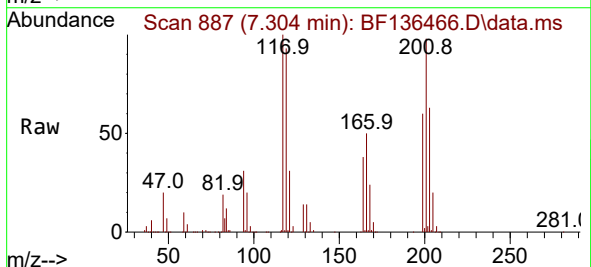
Manual Integrations
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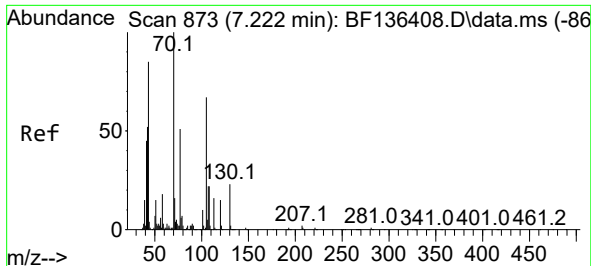
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#18
Hexachloroethane
Concen: 39.051 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:	117	Resp:	150434
Ion	Ratio	Lower	Upper
117	100		
119	92.9	74.3	111.5
201	97.8	79.3	118.9





#19
n-Nitroso-di-n-propylamine
Concen: 40.746 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

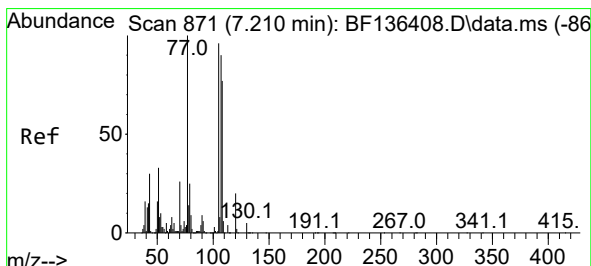
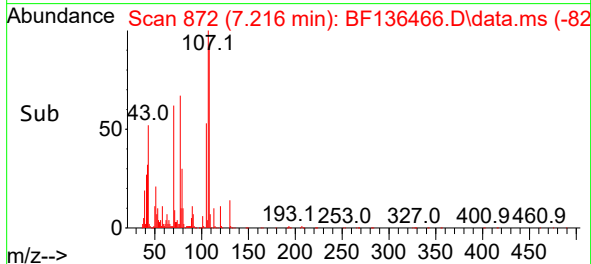
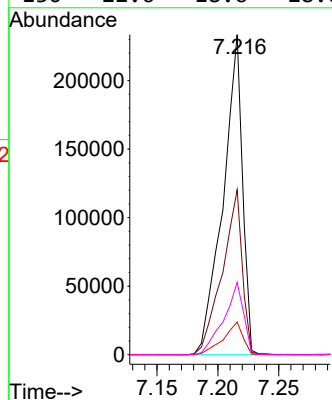
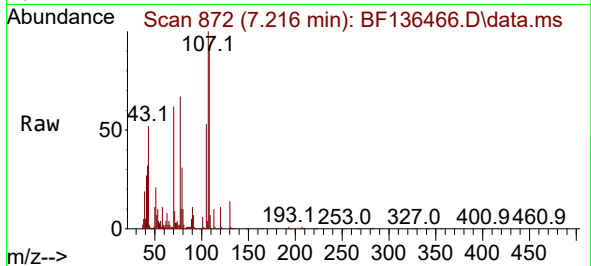
ClientSampleId :

PB157617BS

Tgt Ion: 70 Resp: 25980
Ion Ratio Lower Upper
70 100
42 51.5 41.4 62.0
101 10.2 8.2 12.4
130 22.6 18.6 28.0

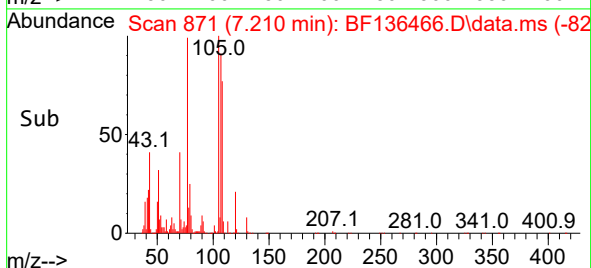
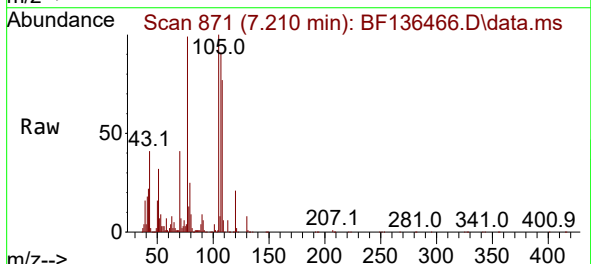
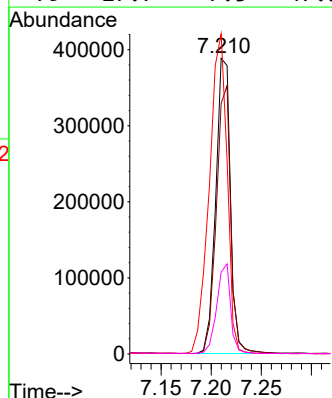
Manual Integrations
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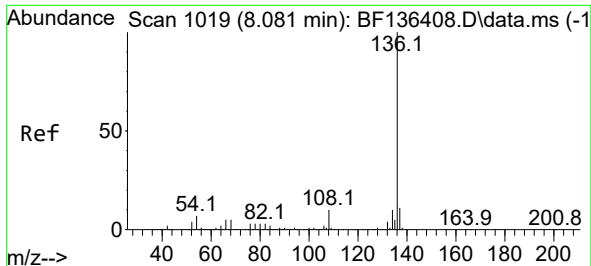
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#20
3+4-Methylphenols
Concen: 40.719 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:107 Resp: 394922
Ion Ratio Lower Upper
107 100
108 84.8 65.9 105.9
77 108.2 91.7 131.7
79 27.7 7.5 47.5





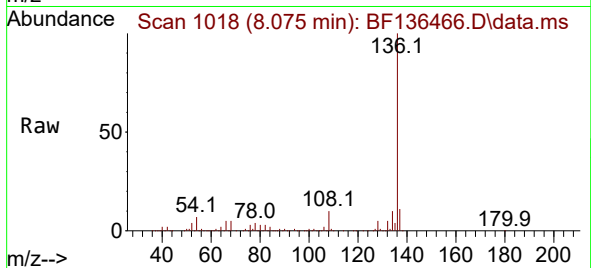
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

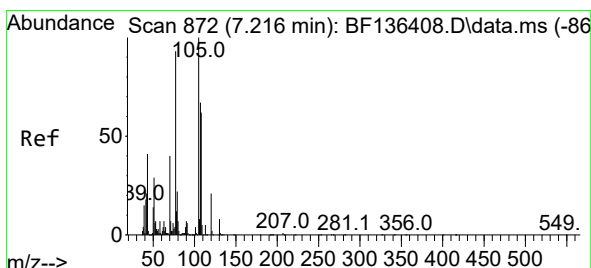
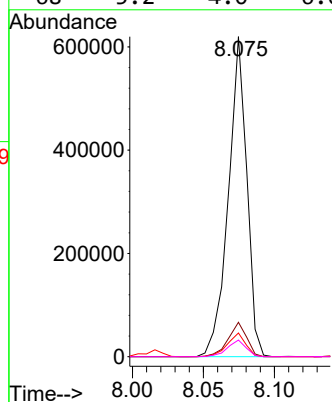
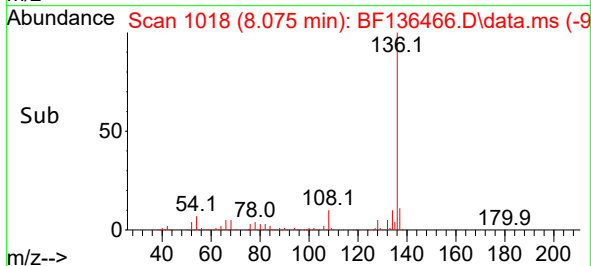


Tgt Ion:136 Resp: 560114
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.4 5.7 8.5
68 5.2 4.0 6.0

Manual Integrations

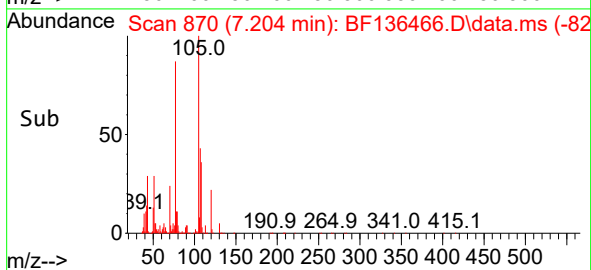
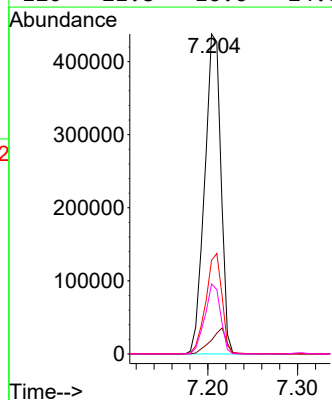
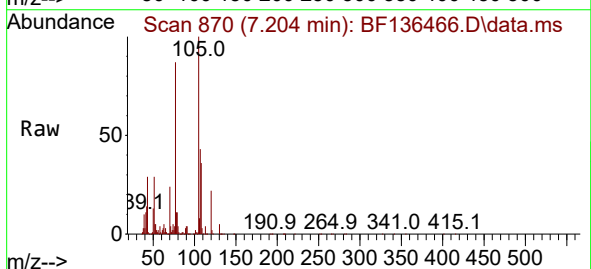
APPROVED

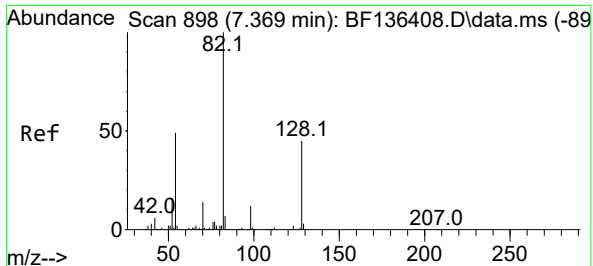
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#22
Acetophenone
Concen: 39.808 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:105 Resp: 550601
Ion Ratio Lower Upper
105 100
71 4.3 5.4 8.0#
51 29.3 23.4 35.2
120 21.8 16.6 24.8





#23

Nitrobenzene-d5

Concen: 74.285 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

Tgt Ion: 82 Resp: 76966

Ion Ratio Lower Upper

82 100

128 46.4 36.3 54.5

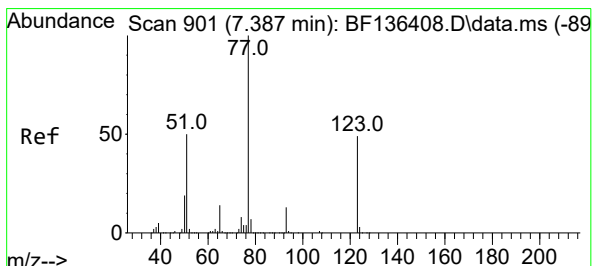
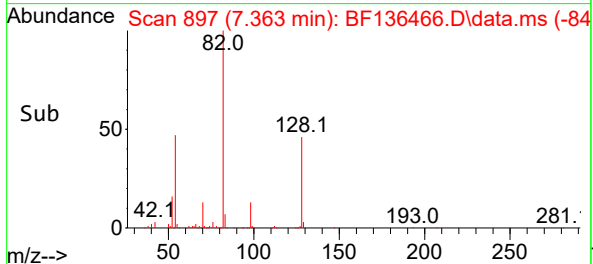
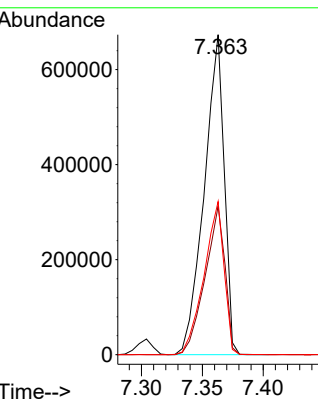
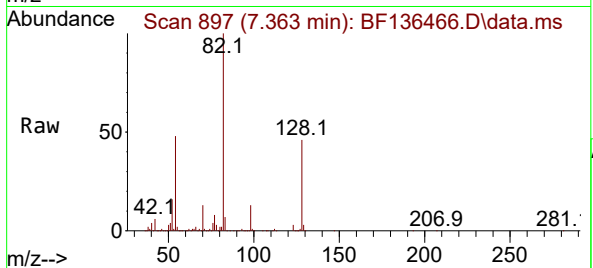
54 47.9 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/14/2023



#24

Nitrobenzene

Concen: 37.741 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

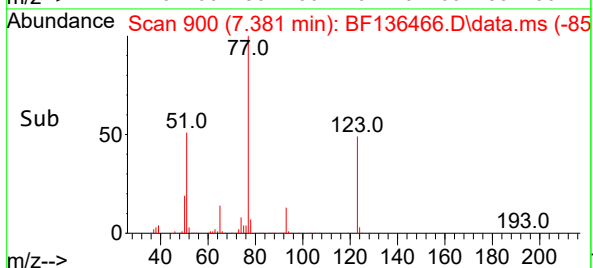
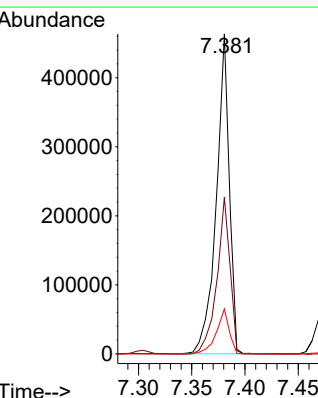
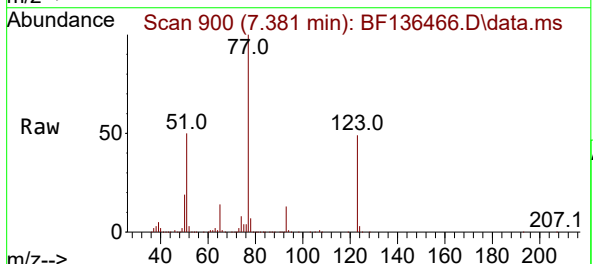
Tgt Ion: 77 Resp: 393366

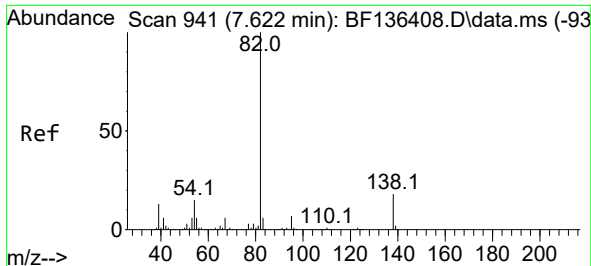
Ion Ratio Lower Upper

77 100

123 49.0 39.0 58.6

65 14.1 11.3 16.9





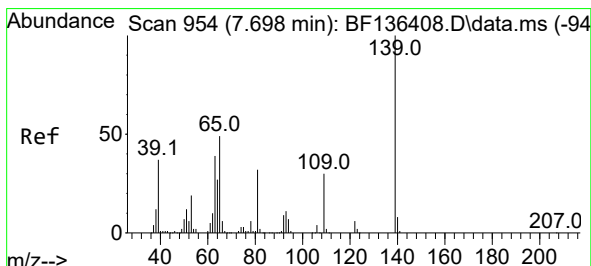
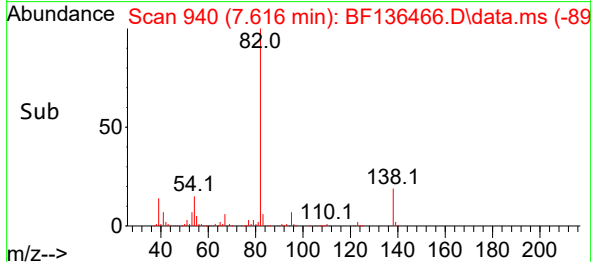
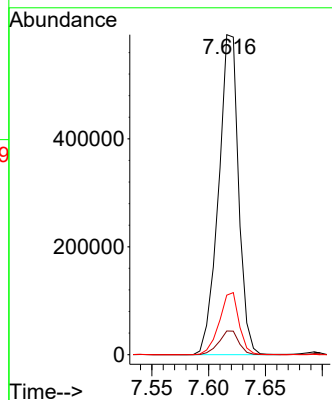
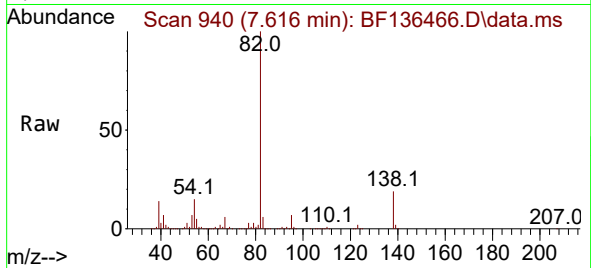
#25
Isophorone
Concen: 39.150 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB157617BS

Tgt Ion: 82 Resp: 728762
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.6 14.5 21.7

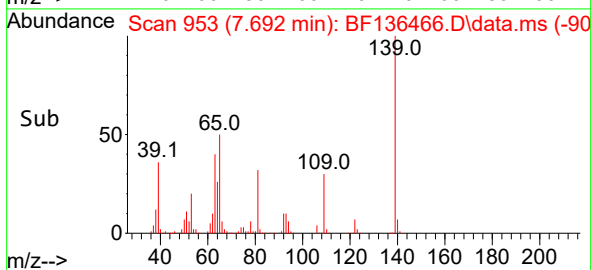
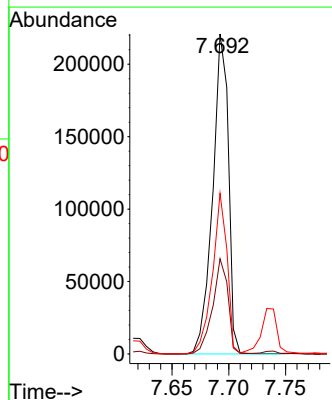
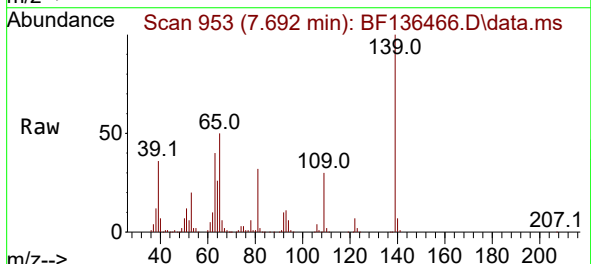
Manual Integrations
APPROVED

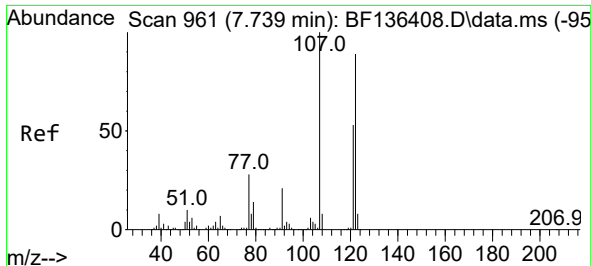
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#26
2-Nitrophenol
Concen: 41.569 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:139 Resp: 213003
Ion Ratio Lower Upper
139 100
109 29.7 23.6 35.4
65 50.2 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 52.507 ng

RT: 7.739 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF136466.D

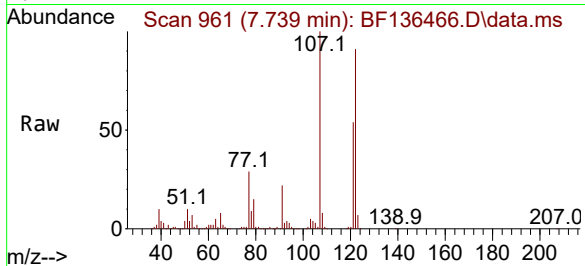
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS



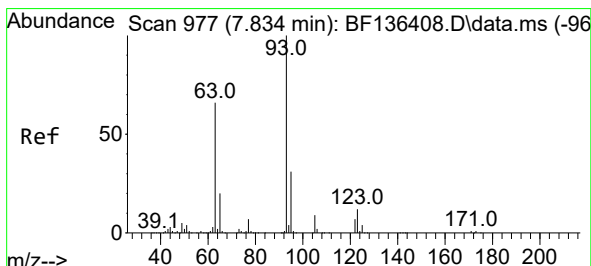
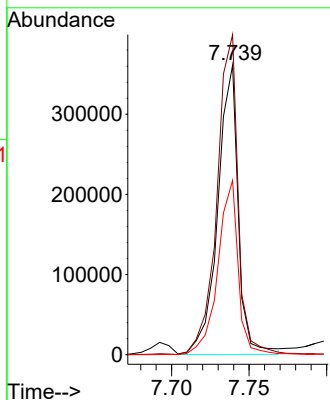
Tgt Ion:	122	Resp:	331750
Ion	Ratio	Lower	Upper
122	100		
107	110.5	89.3	133.9
121	60.2	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/14/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.893 ng

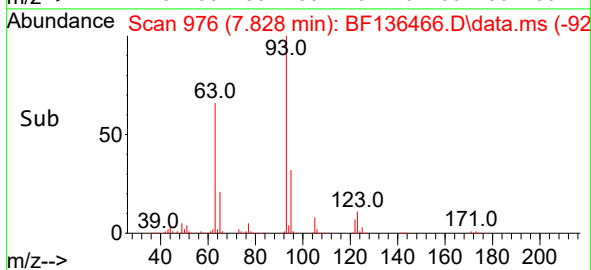
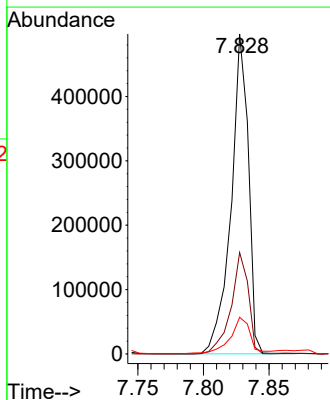
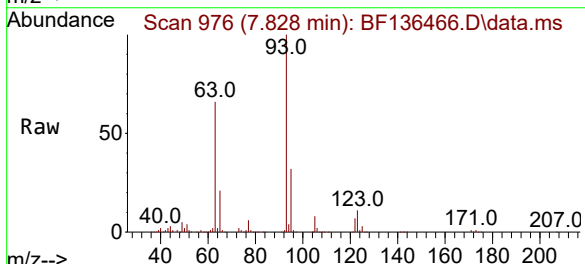
RT: 7.828 min Scan# 976

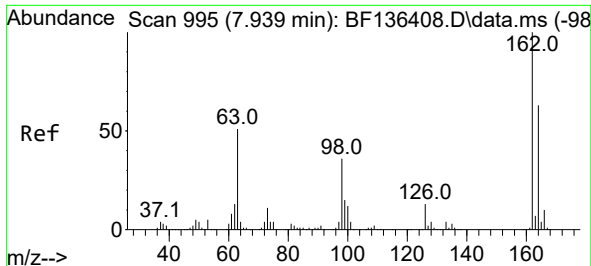
Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Tgt Ion:	93	Resp:	456299
Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.0	37.4
123	11.4	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 40.640 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF136466.D

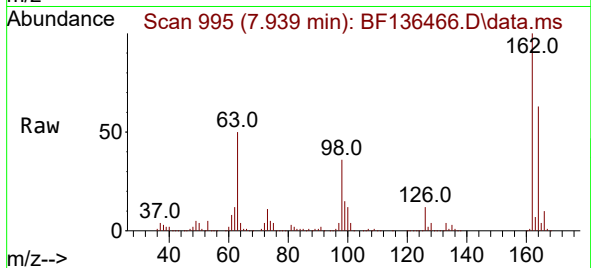
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS



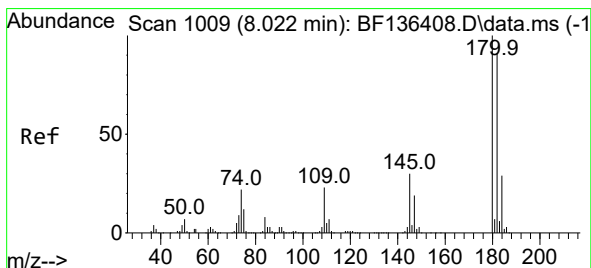
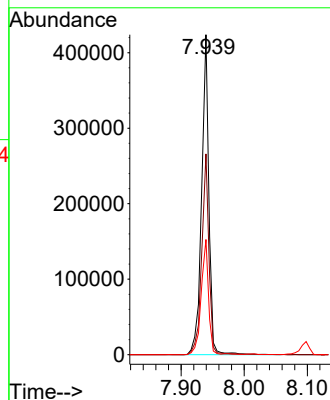
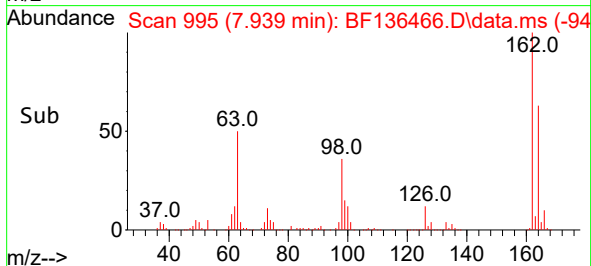
Tgt Ion:162	Resp:	338928
Ion Ratio	Lower	Upper
162	100	
164	62.8	43.0 83.0
98	36.0	16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.365 ng

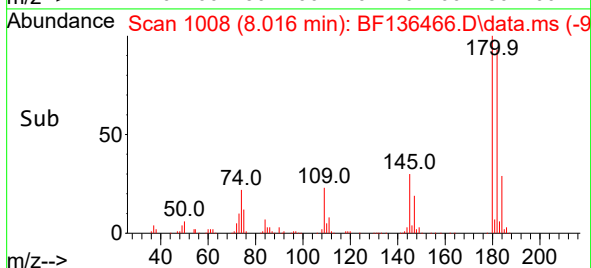
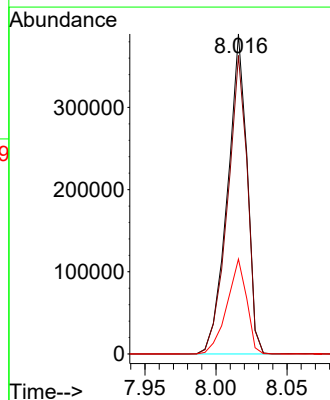
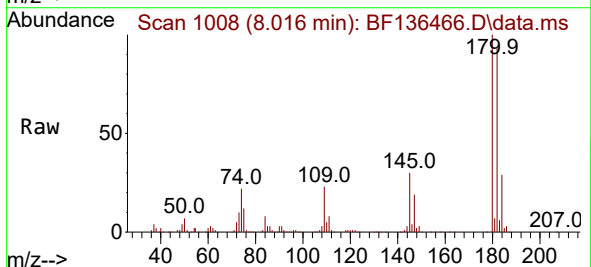
RT: 8.016 min Scan# 1008

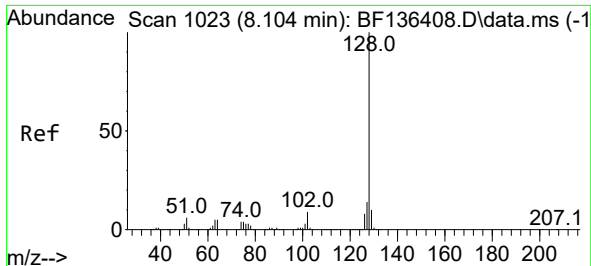
Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Tgt Ion:180	Resp:	373086
Ion Ratio	Lower	Upper
180	100	
182	93.3	73.1 109.7
145	29.7	23.8 35.8





#31

Naphthalene

Concen: 38.250 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

Tgt Ion:128 Resp: 118145

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

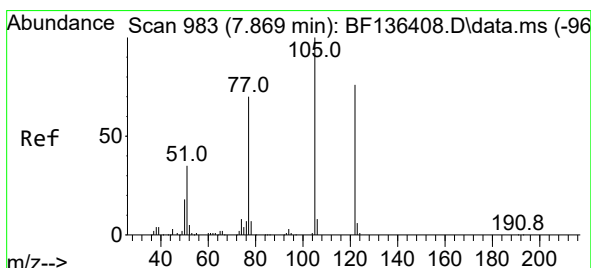
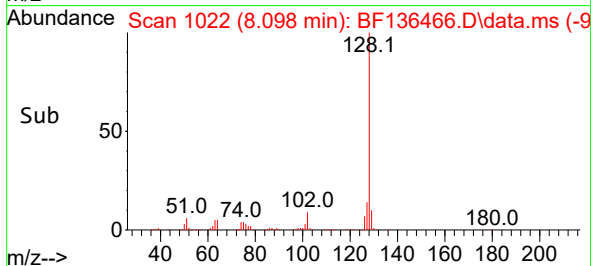
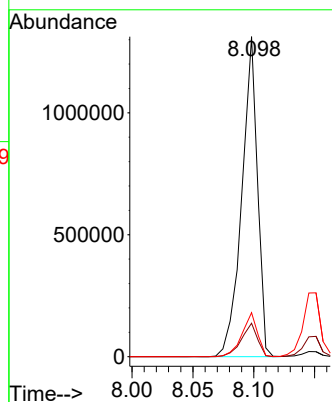
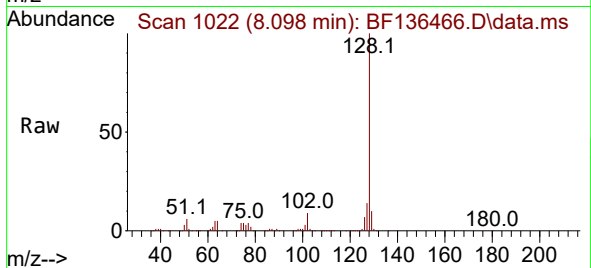
127 13.8 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/14/2023



#32

Benzoic acid

Concen: 39.946 ng

RT: 7.880 min Scan# 985

Delta R.T. 0.012 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

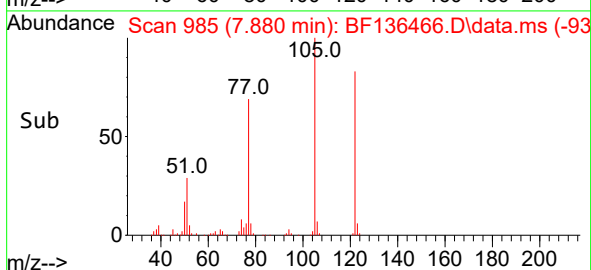
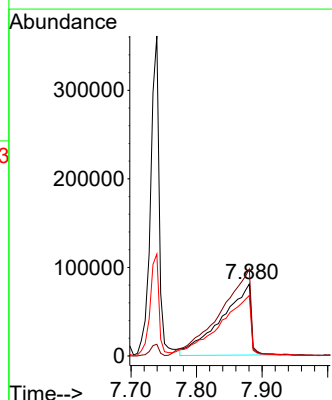
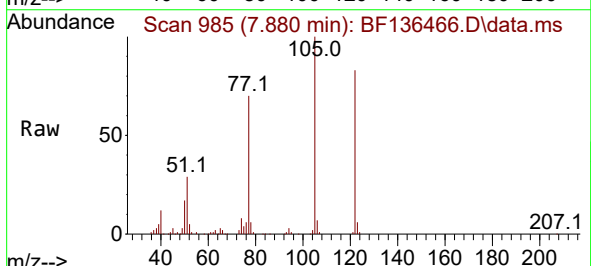
Tgt Ion:122 Resp: 250376

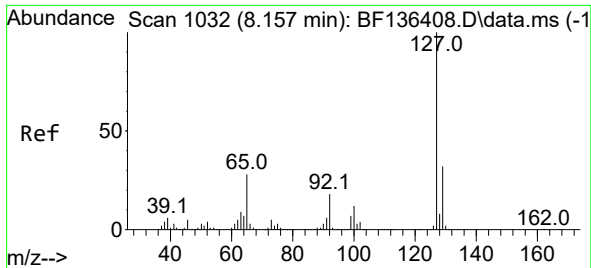
Ion Ratio Lower Upper

122 100

105 120.9 104.7 144.7

77 84.1 68.5 108.5





#33
4-Chloroaniline
Concen: 24.747 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

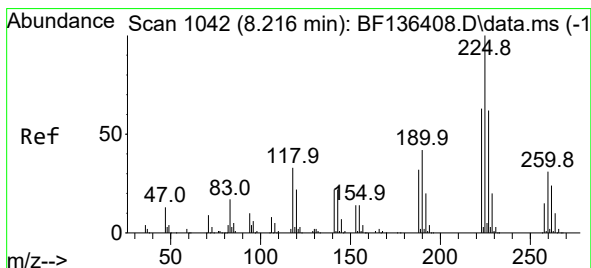
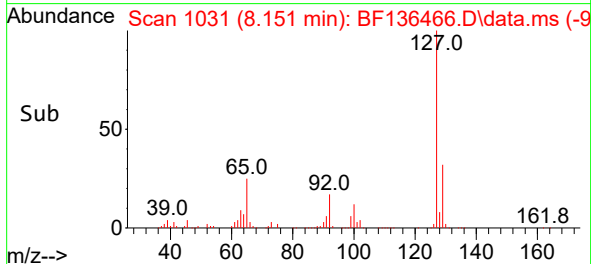
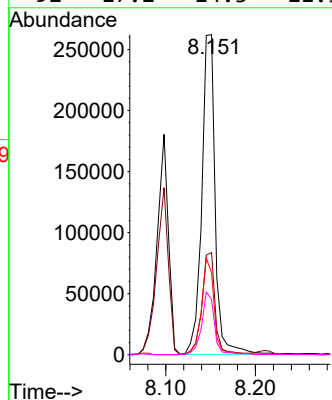
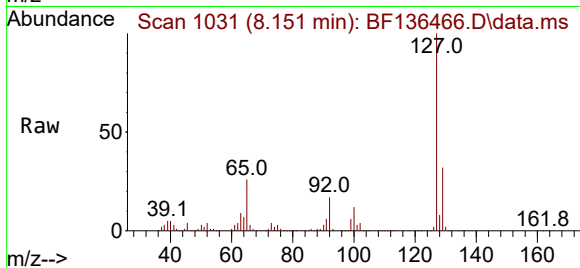
PB157617BS

Tgt Ion:127 Resp: 27251
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 25.7 22.5 33.7
92 17.2 14.3 21.5

Manual Integrations

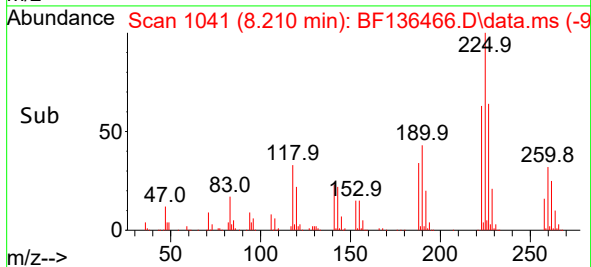
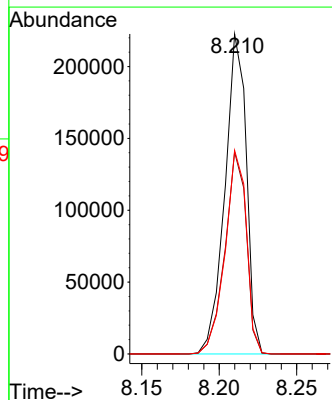
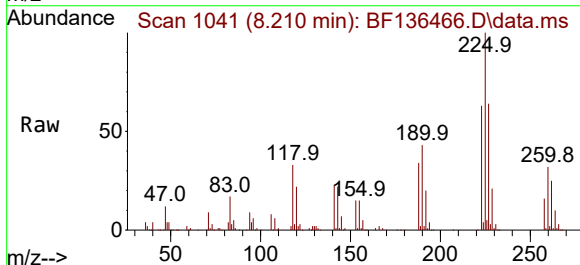
APPROVED

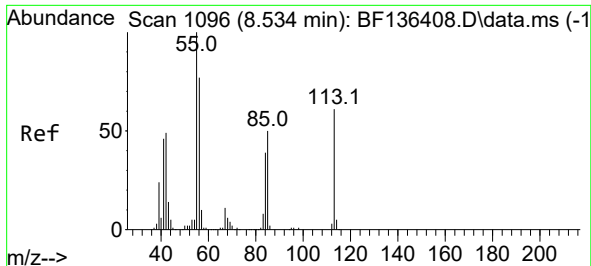
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#34
Hexachlorobutadiene
Concen: 37.172 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

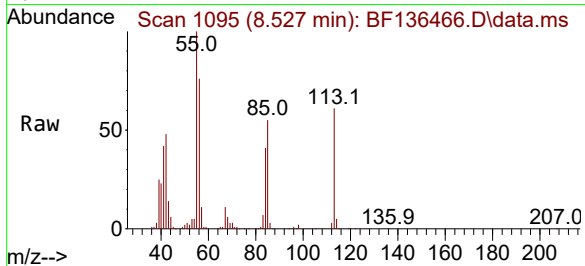
Tgt Ion:225 Resp: 214232
Ion Ratio Lower Upper
225 100
223 63.1 50.8 76.2
227 63.6 49.8 74.8





#35
Caprolactam
Concen: 40.523 ng/ml
RT: 8.527 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

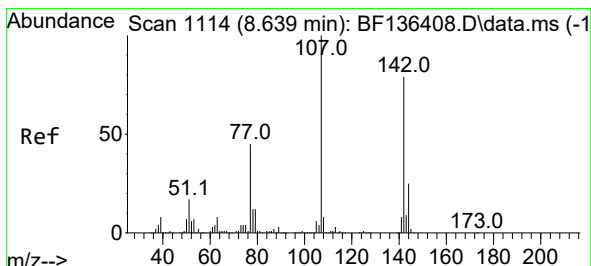
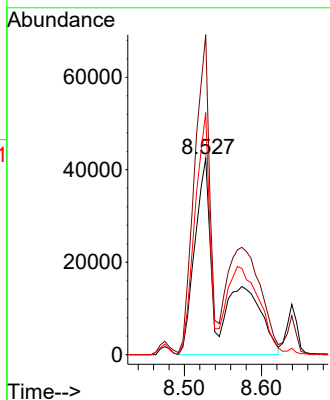
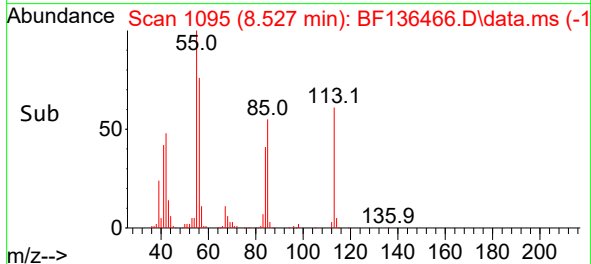
Instrument :
BNA_F
ClientSampleId :
PB157617BS



Tgt Ion:113 Resp: 104073
Ion Ratio Lower Upper
113 100
55 163.0 143.7 183.7
56 123.4 105.2 145.2

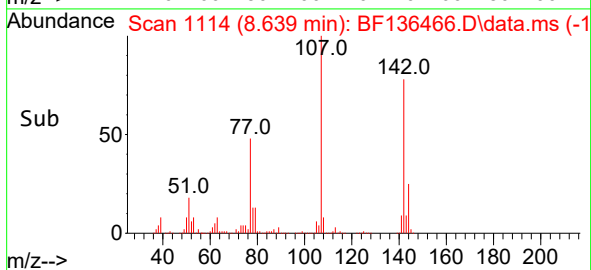
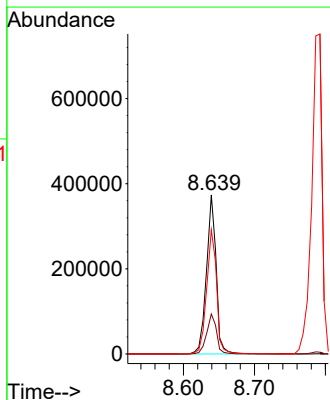
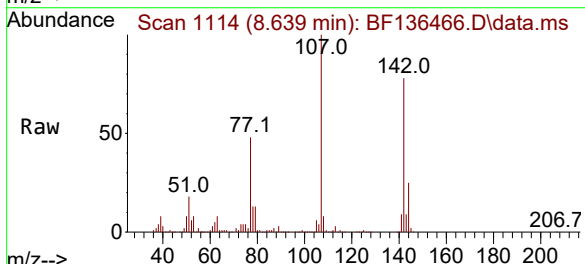
Manual Integrations
APPROVED

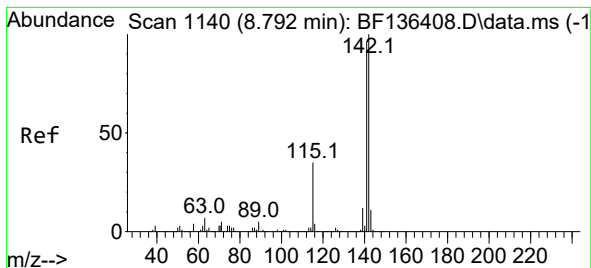
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#36
4-Chloro-3-methylphenol
Concen: 40.238 ng/ml
RT: 8.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:107 Resp: 356304
Ion Ratio Lower Upper
107 100
144 25.1 20.1 30.1
142 78.0 63.1 94.7





#37
2-Methylnaphthalene
Concen: 38.891 ng
RT: 8.792 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

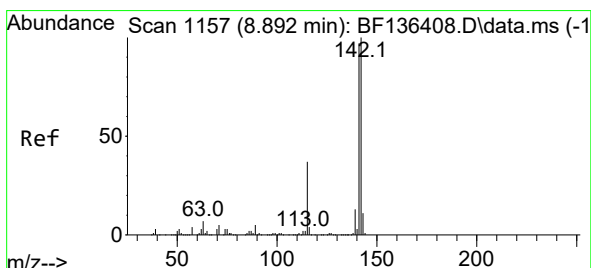
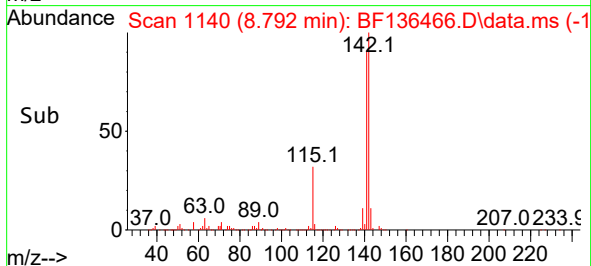
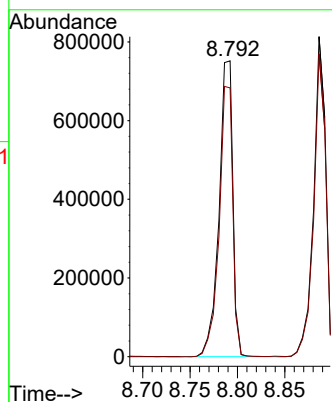
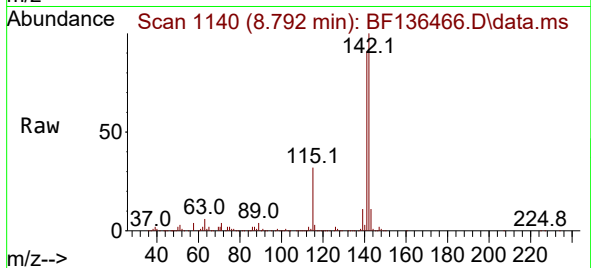
PB157617BS

Tgt Ion:142 Resp: 764229
Ion Ratio Lower Upper
142 100
141 90.8 76.4 114.6

Manual Integrations

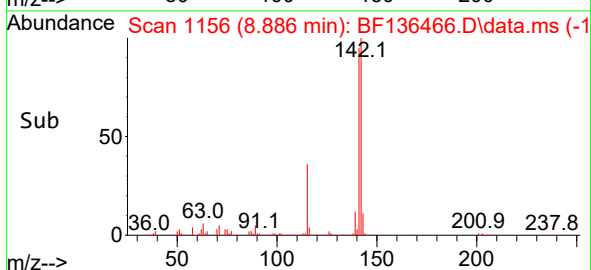
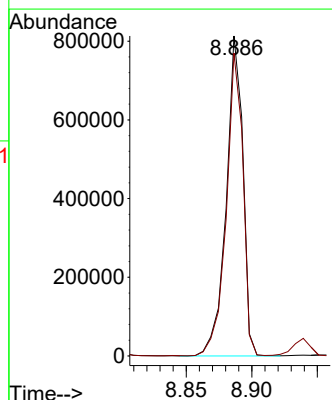
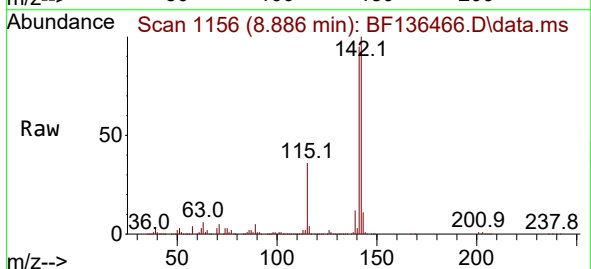
APPROVED

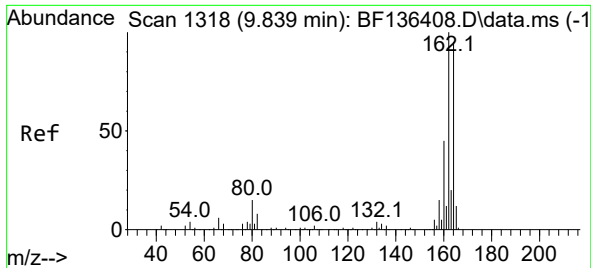
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#38
1-Methylnaphthalene
Concen: 37.280 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:142 Resp: 718852
Ion Ratio Lower Upper
142 100
141 94.6 77.7 116.5





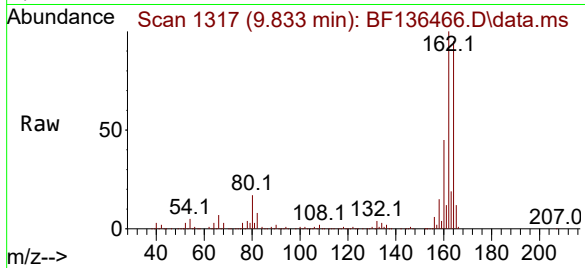
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS



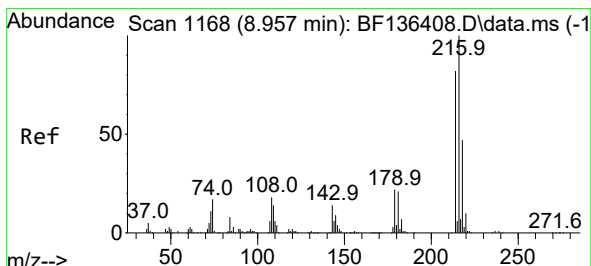
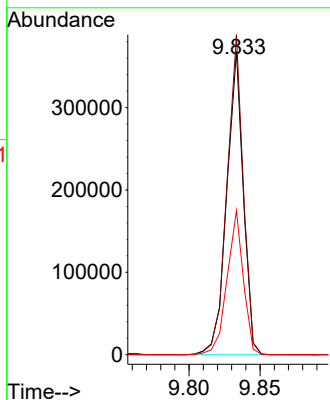
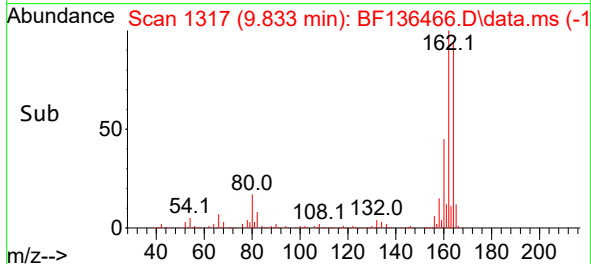
Tgt Ion:164 Resp: 297754
Ion Ratio Lower Upper
164 100
162 105.4 84.4 126.6
160 47.5 37.6 56.4

Manual Integrations

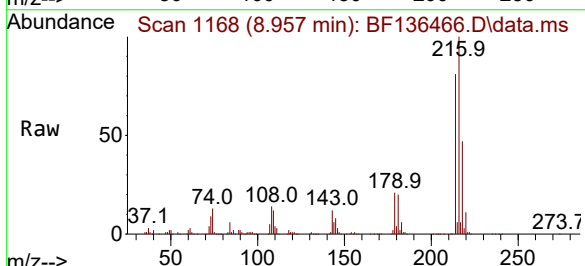
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

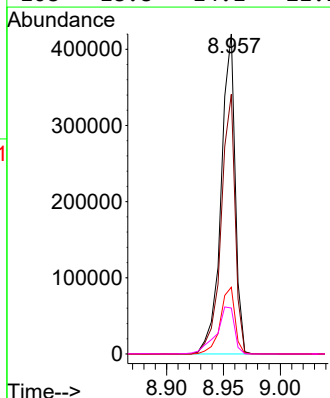
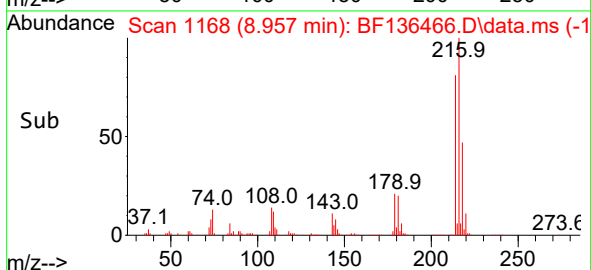
Supervised By :mohammad ahmed 12/14/2023

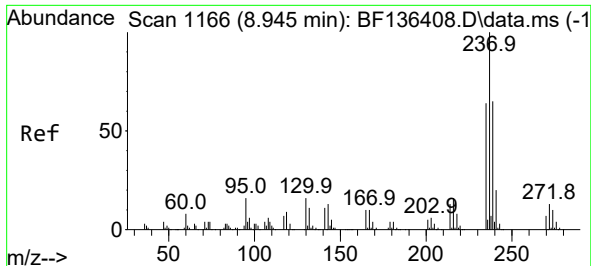


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.276 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29



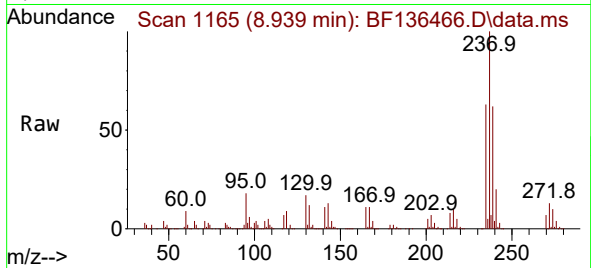
Tgt Ion:216 Resp: 363840
Ion Ratio Lower Upper
216 100
214 80.6 64.1 96.1
179 21.6 17.0 25.6
108 18.8 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 102.187 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

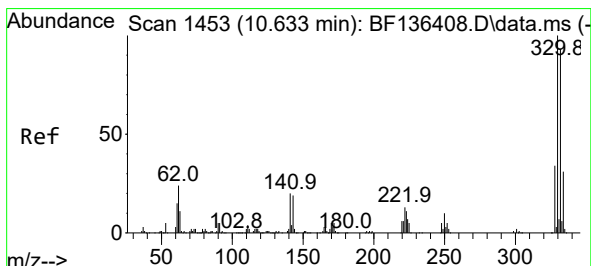
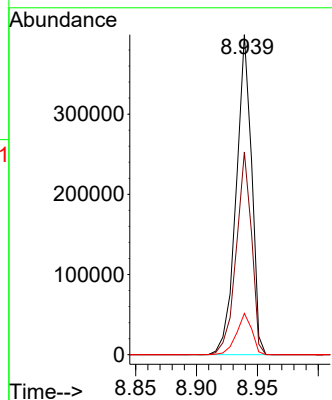
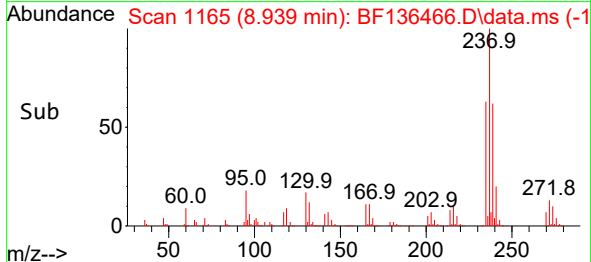
Instrument :
BNA_F
ClientSampleId :
PB157617BS



Tgt Ion:237 Resp: 350697
Ion Ratio Lower Upper
237 100
235 63.3 44.1 84.1
272 12.9 0.0 33.3

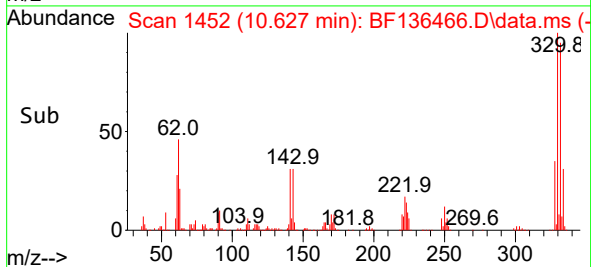
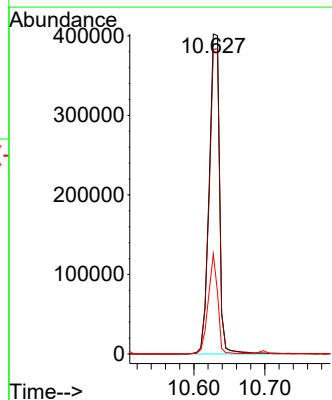
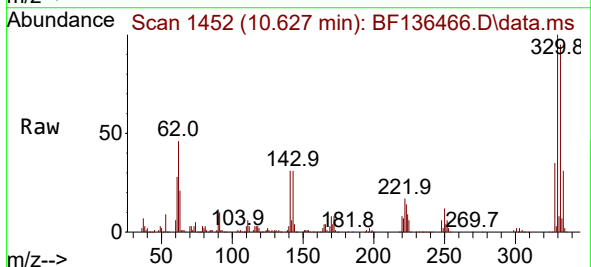
Manual Integrations
APPROVED

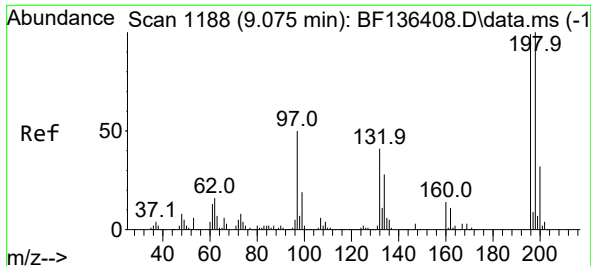
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#42
2,4,6-Tribromophenol
Concen: 111.811 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:330 Resp: 410497
Ion Ratio Lower Upper
330 100
332 95.4 76.4 114.6
141 28.4 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 39.796 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF136466.D

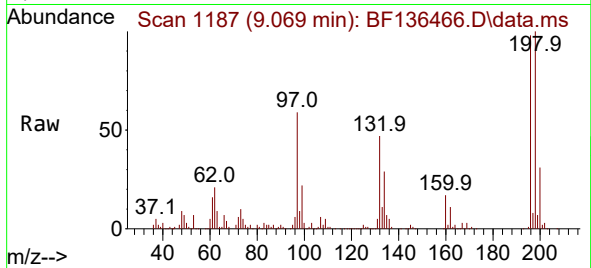
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS



Tgt Ion:196 Resp: 240038

Ion Ratio Lower Upper

196 100

198 101.9 80.4 120.6

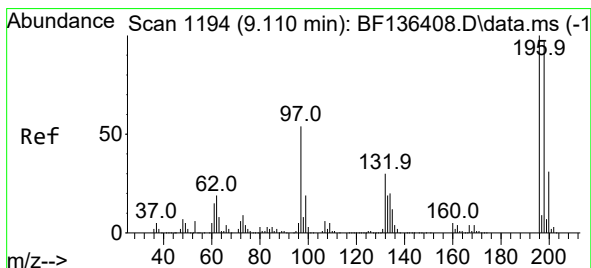
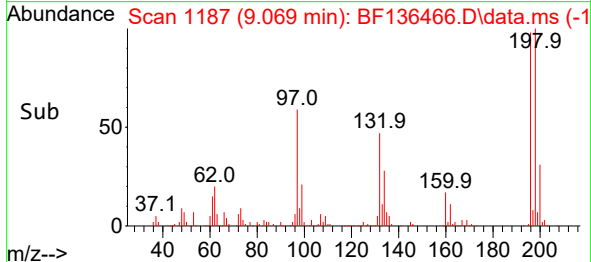
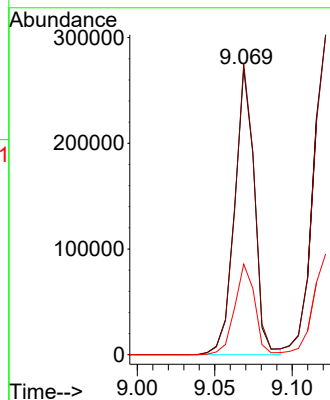
200 31.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/14/2023



#44

2,4,5-Trichlorophenol

Concen: 38.900 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.012 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Tgt Ion:196 Resp: 261878

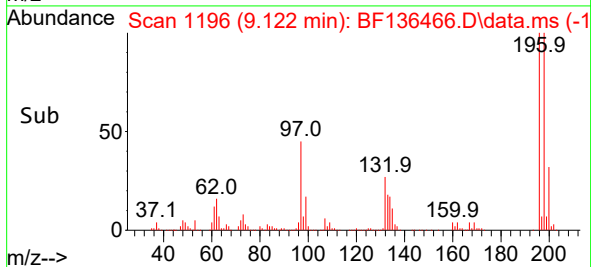
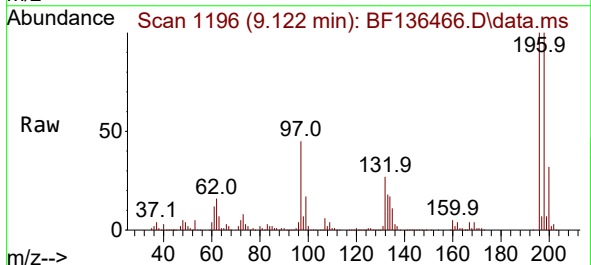
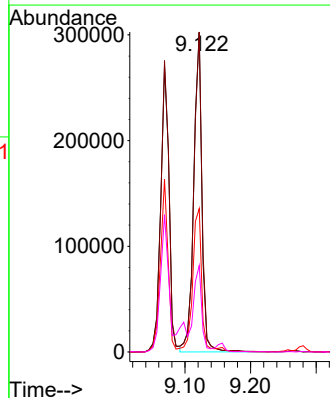
Ion Ratio Lower Upper

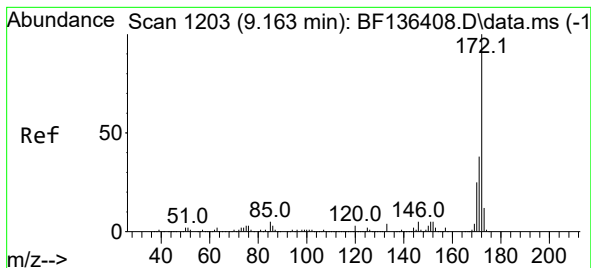
196 100

198 99.9 78.1 117.1

97 44.8 43.4 65.2

132 27.0 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 72.261 ng

RT: 9.157 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

Tgt Ion:172 Resp: 157684

Ion Ratio Lower Upper

172 100

171 37.7 30.5 45.7

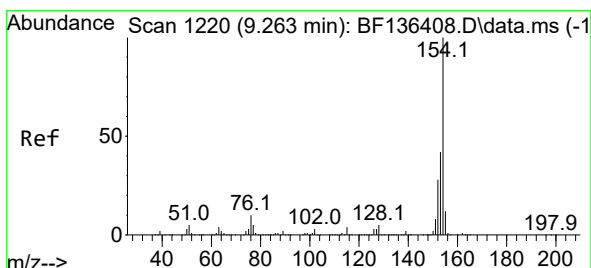
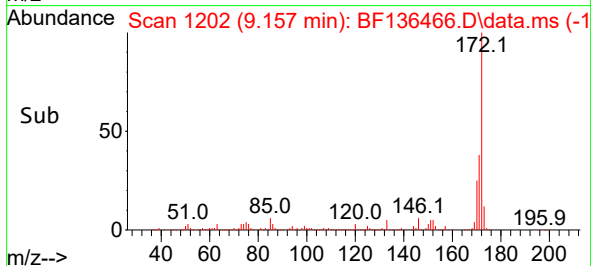
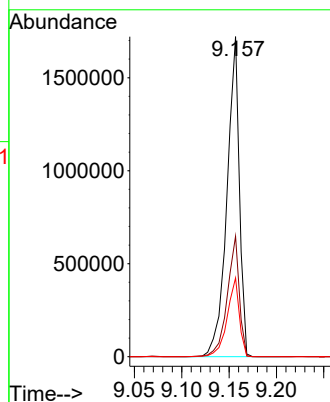
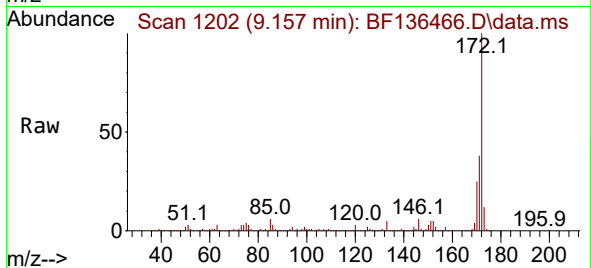
170 24.6 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/14/2023



#46

1,1'-Biphenyl

Concen: 38.426 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

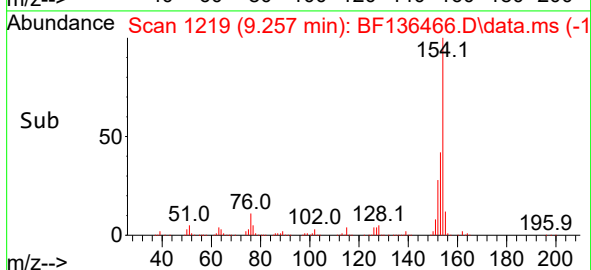
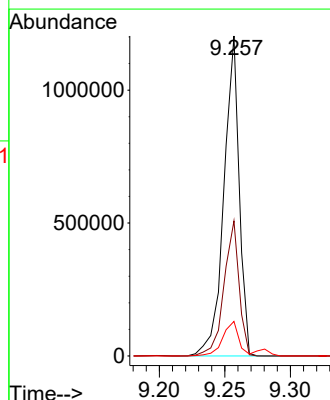
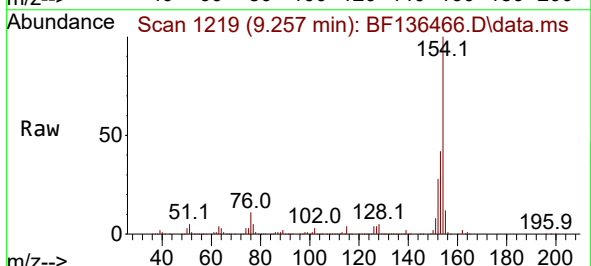
Tgt Ion:154 Resp: 973563

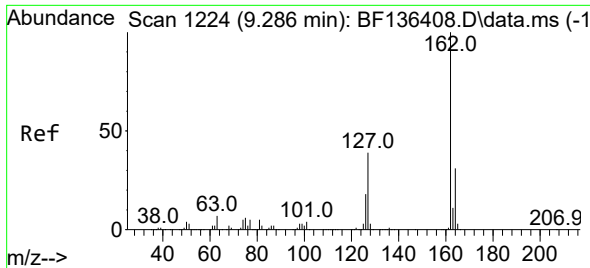
Ion Ratio Lower Upper

154 100

153 42.2 22.5 62.5

76 10.8 0.0 29.9





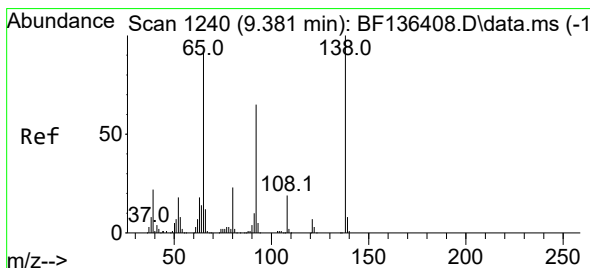
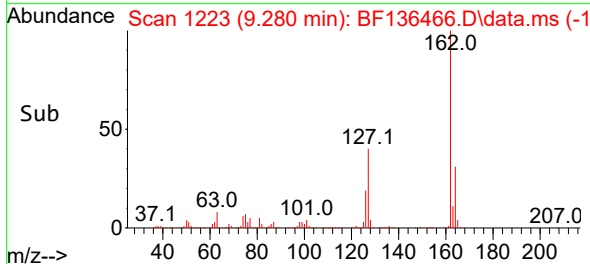
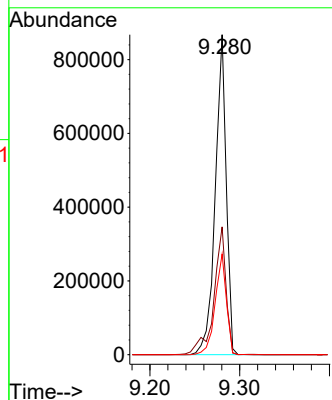
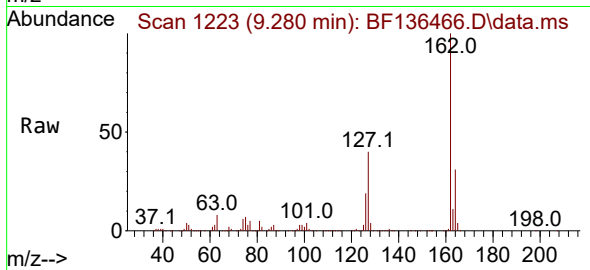
#47
2-Chloronaphthalene
Concen: 37.420 ng
RT: 9.280 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB157617BS

Tgt Ion:162 Resp: 737909
Ion Ratio Lower Upper
162 100
127 39.9 31.1 46.7
164 31.4 24.6 37.0

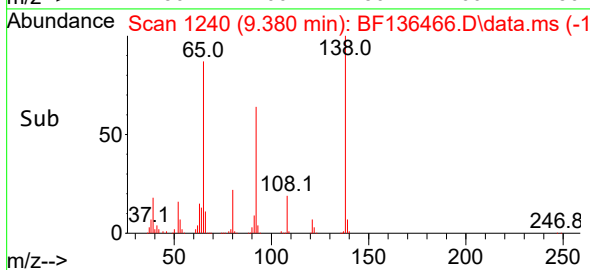
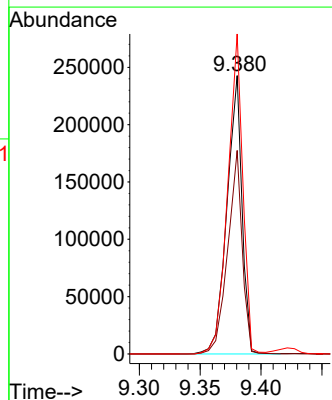
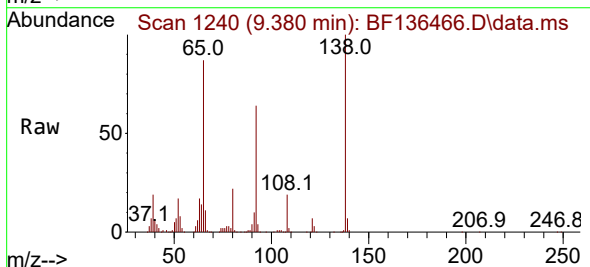
Manual Integrations
APPROVED

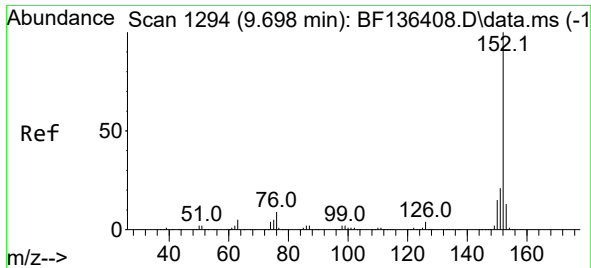
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#48
2-Nitroaniline
Concen: 39.758 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

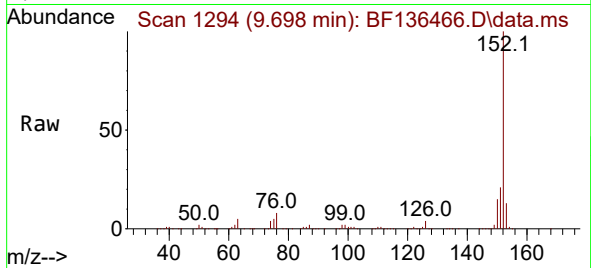
Tgt Ion: 65 Resp: 210274
Ion Ratio Lower Upper
65 100
92 73.1 56.1 84.1
138 114.9 86.7 130.1





#49
Acenaphthylene
Concen: 40.381 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

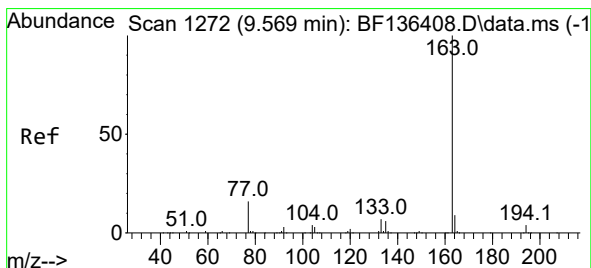
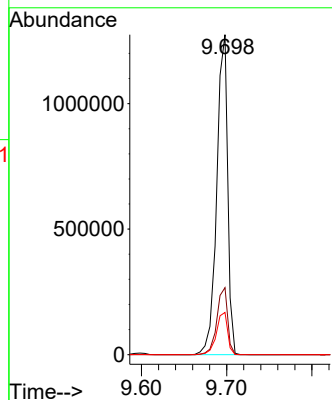
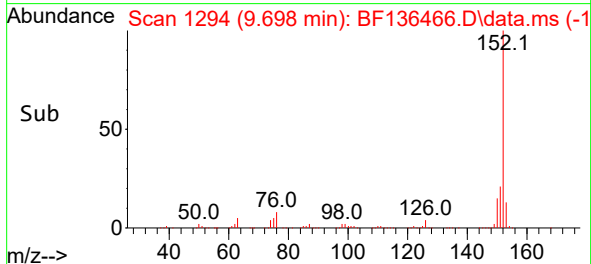
Instrument :
BNA_F
ClientSampleId :
PB157617BS



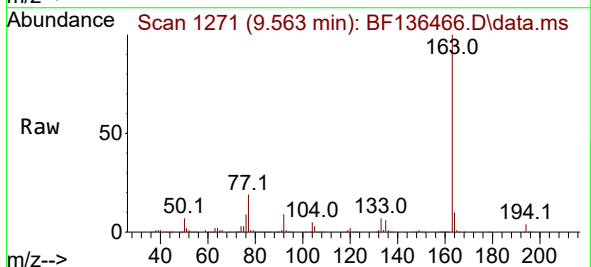
Tgt Ion:152 Resp: 113433
Ion Ratio Lower Upper
152 100
151 20.9 17.2 25.8
153 13.2 10.6 15.8

Manual Integrations
APPROVED

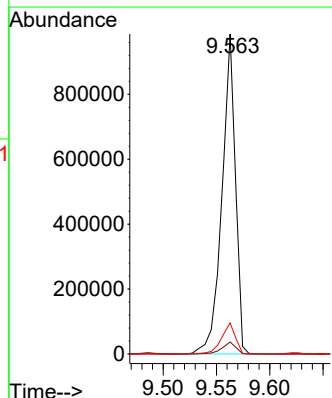
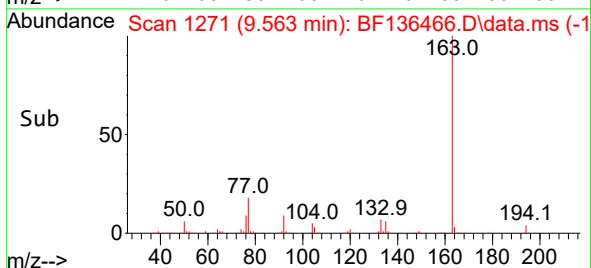
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023

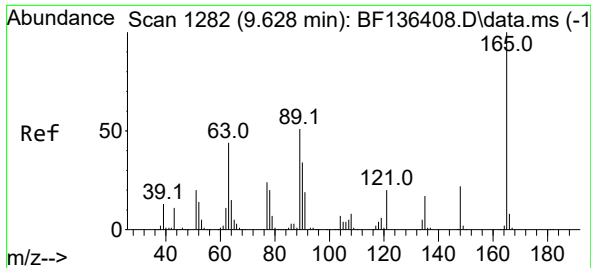


#50
Dimethylphthalate
Concen: 39.388 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29



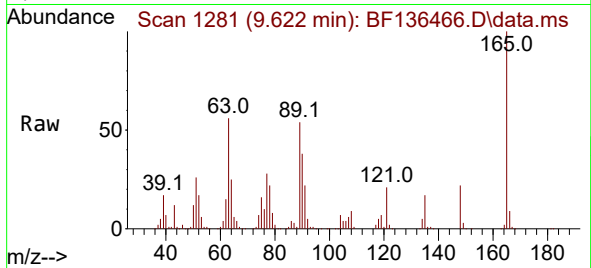
Tgt Ion:163 Resp: 863451
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.7 7.4 11.2





#51
2,6-Dinitrotoluene
Concen: 39.258 ng
RT: 9.622 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

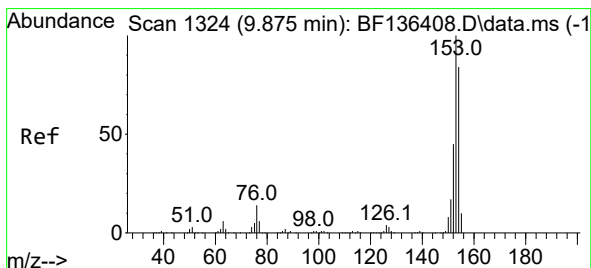
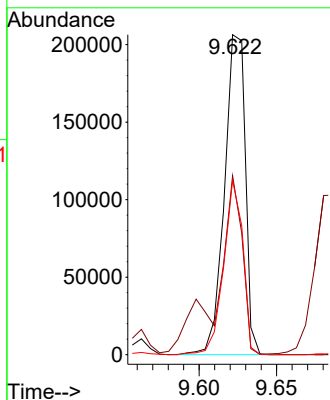
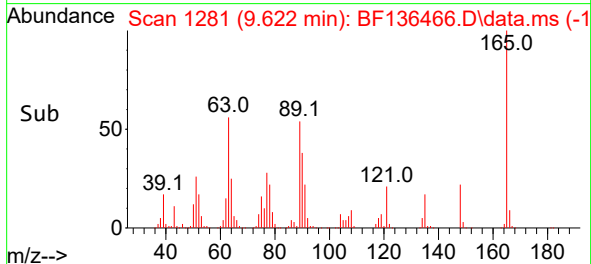
Instrument :
BNA_F
ClientSampleId :
PB157617BS



Tgt Ion:165 Resp: 193610
Ion Ratio Lower Upper
165 100
63 55.9 40.4 60.6
89 54.4 40.6 60.8

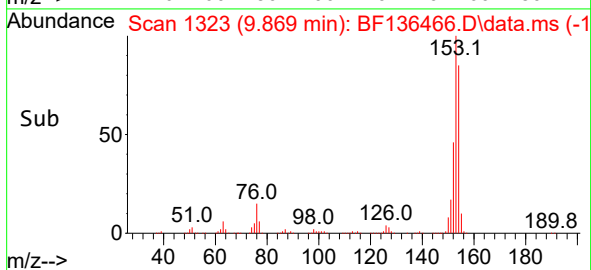
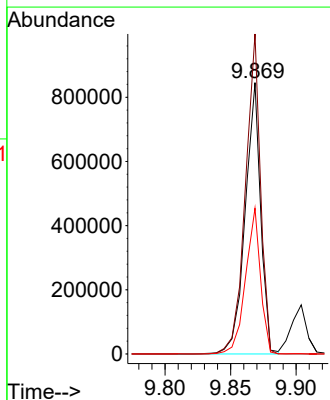
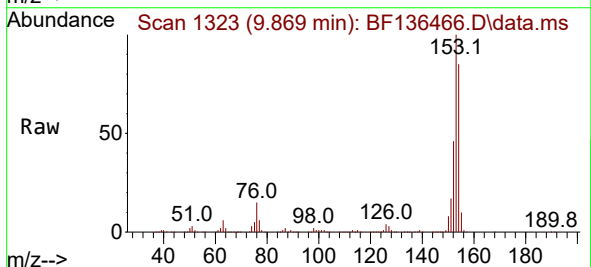
Manual Integrations
APPROVED

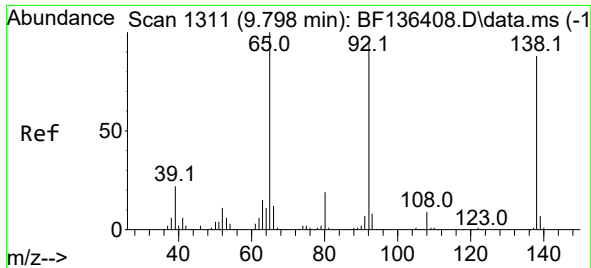
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#52
Acenaphthene
Concen: 38.704 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:154 Resp: 696697
Ion Ratio Lower Upper
154 100
153 117.9 95.3 142.9
152 53.7 43.2 64.8





#53
3-Nitroaniline
Concen: 30.852 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

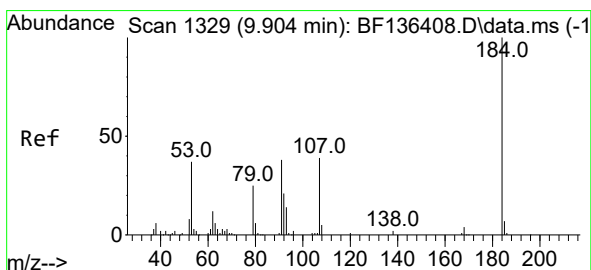
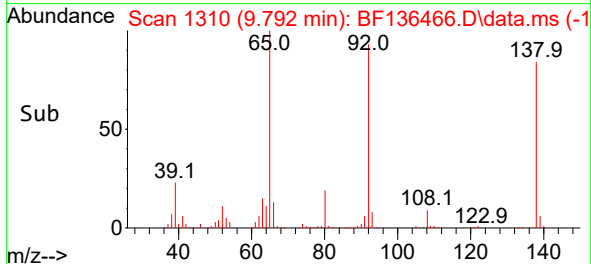
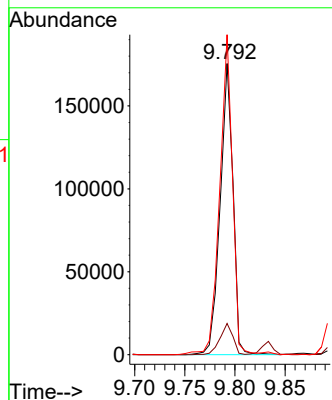
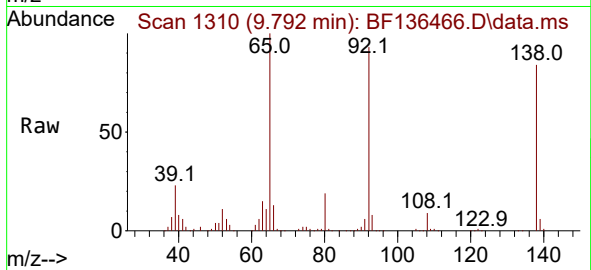
ClientSampleId :

PB157617BS

Tgt Ion:138 Resp: 155375
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 109.9 86.1 129.1

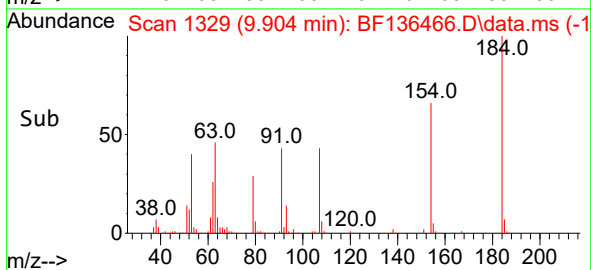
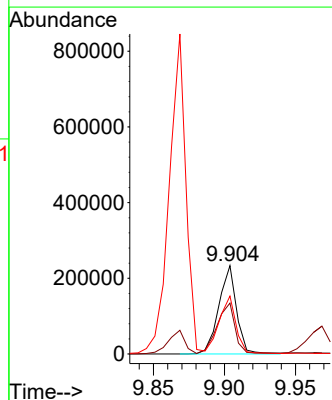
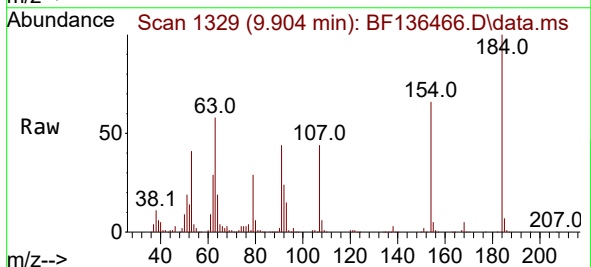
Manual Integrations
APPROVED

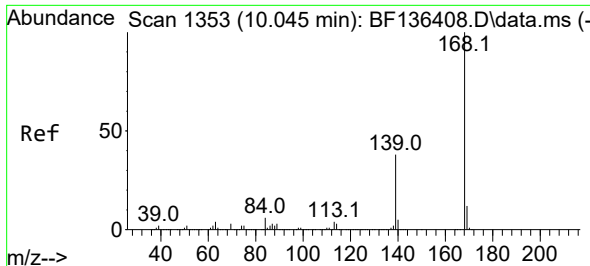
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#54
2,4-Dinitrophenol
Concen: 81.185 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

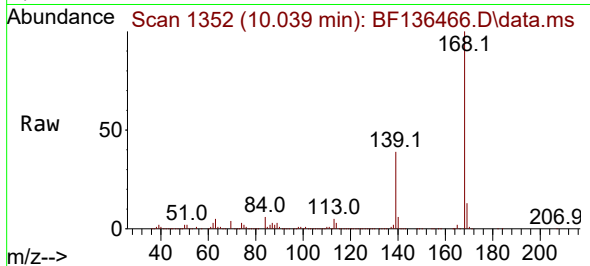
Tgt Ion:184 Resp: 202434
Ion Ratio Lower Upper
184 100
63 57.7 39.1 58.7
154 65.7 49.9 74.9





#55
Dibenzenofuran
Concen: 38.922 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

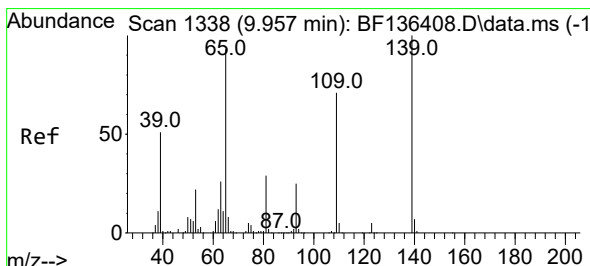
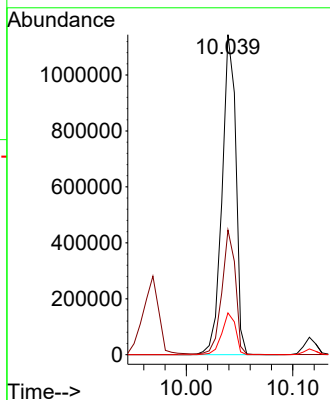
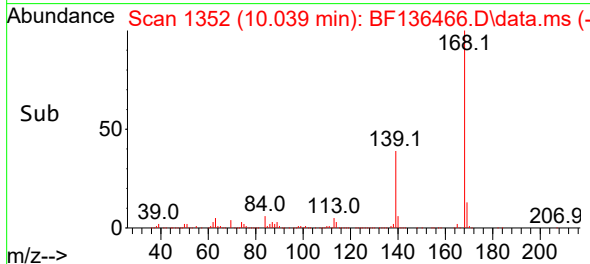
Instrument :
BNA_F
ClientSampleId :
PB157617BS



Tgt Ion:168 Resp: 1023530
Ion Ratio Lower Upper
168 100
139 38.9 30.4 45.6
169 13.1 9.9 14.9

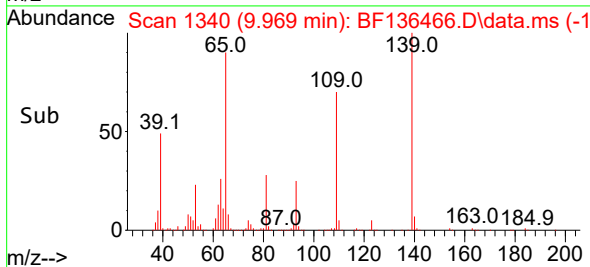
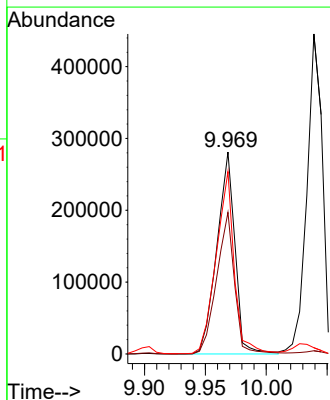
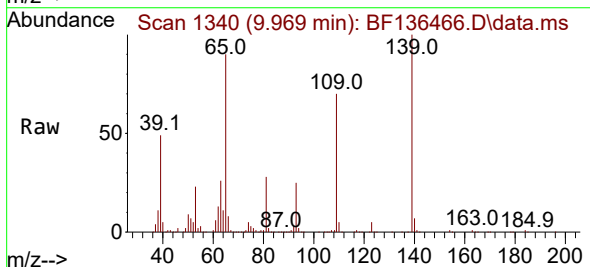
Manual Integrations
APPROVED

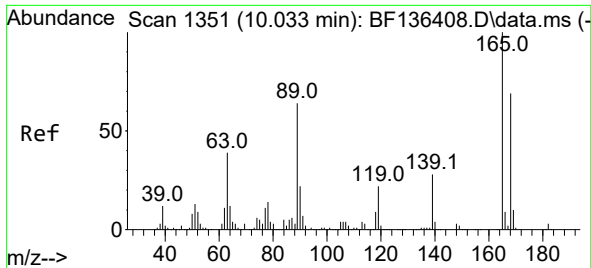
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#56
4-Nitrophenol
Concen: 77.154 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:139 Resp: 291282
Ion Ratio Lower Upper
139 100
109 70.2 50.6 90.6
65 90.3 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 38.579 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

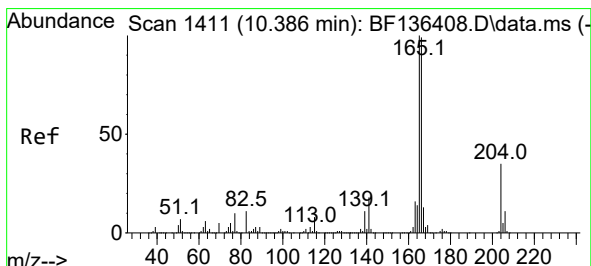
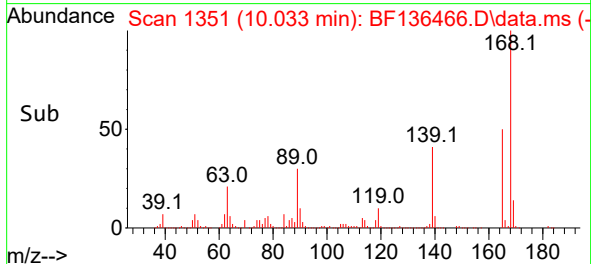
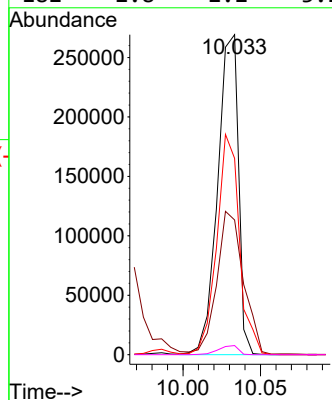
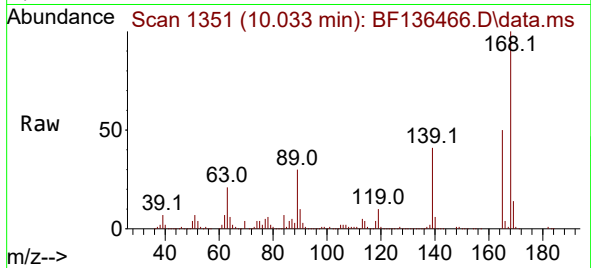
PB157617BS

Tgt Ion:165 Resp: 251694
Ion Ratio Lower Upper
165 100
63 42.1 31.4 47.2
89 61.3 51.7 77.5
182 2.8 2.2 3.2

Manual Integrations

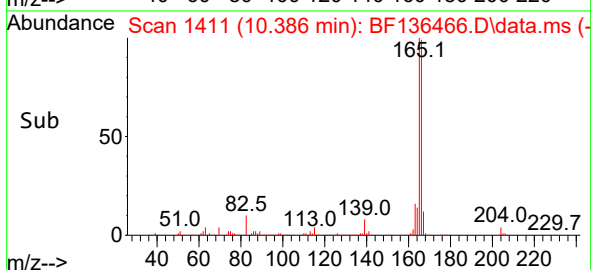
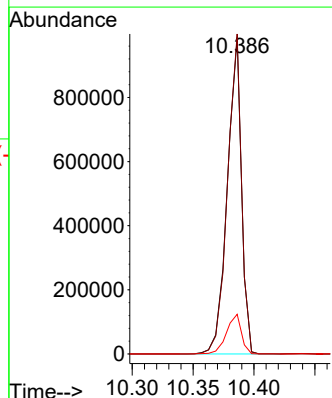
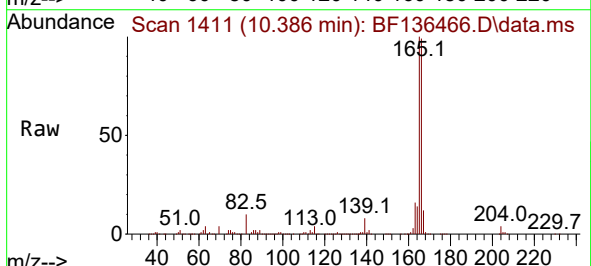
APPROVED

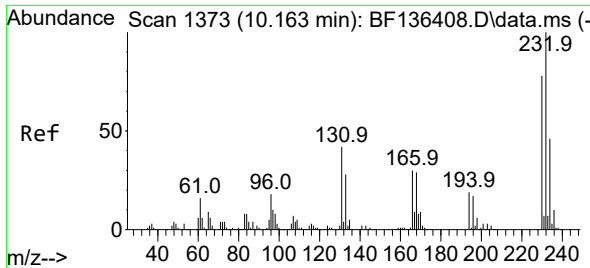
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#58
Fluorene
Concen: 37.922 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

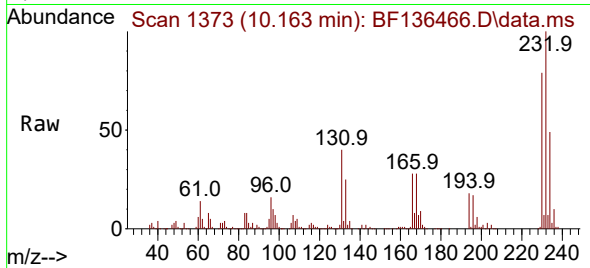
Tgt Ion:166 Resp: 800512
Ion Ratio Lower Upper
166 100
165 101.1 80.5 120.7
167 12.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.543 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

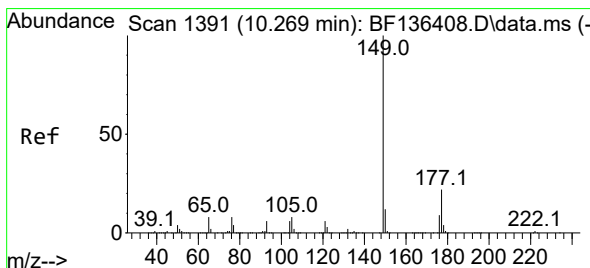
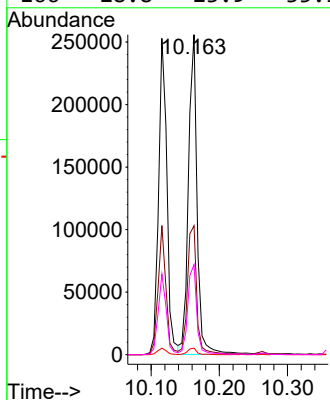
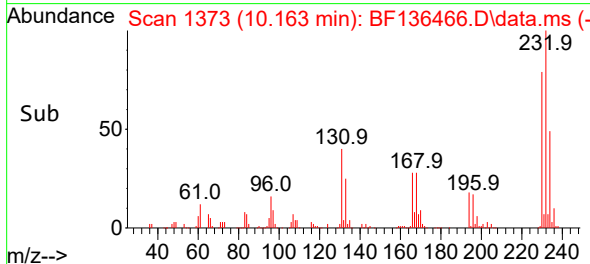
Instrument :
BNA_F
ClientSampleId :
PB157617BS



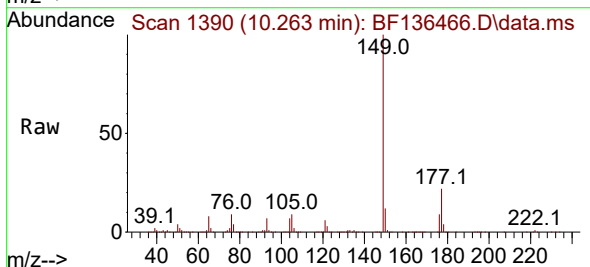
Tgt Ion:232 Resp: 224020
Ion Ratio Lower Upper
232 100
131 42.8 34.3 51.5
130 2.2 1.6 2.4
166 28.8 23.9 35.9

Manual Integrations
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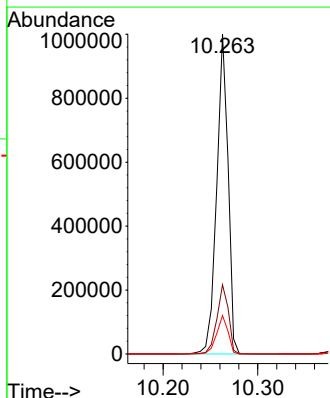
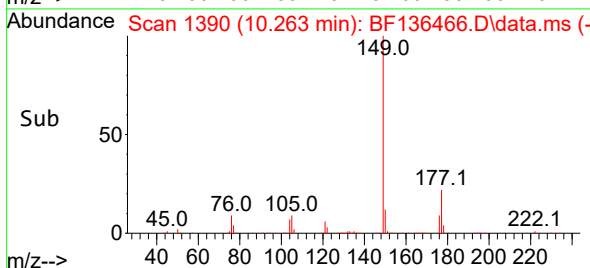
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023

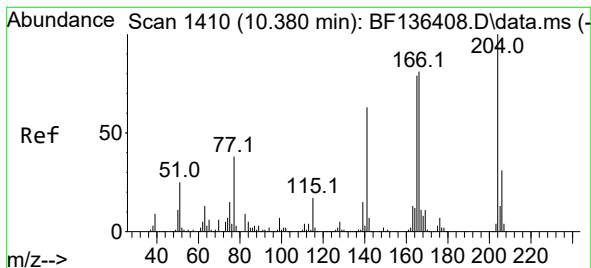


#60
Diethylphthalate
Concen: 38.847 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29



Tgt Ion:149 Resp: 837404
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 12.0 9.4 14.0





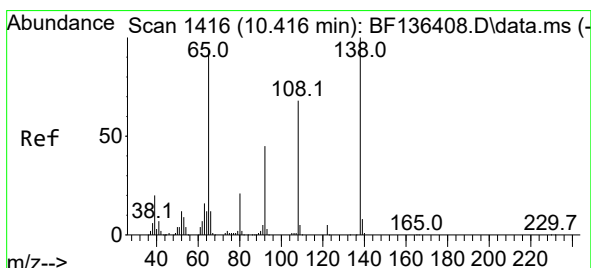
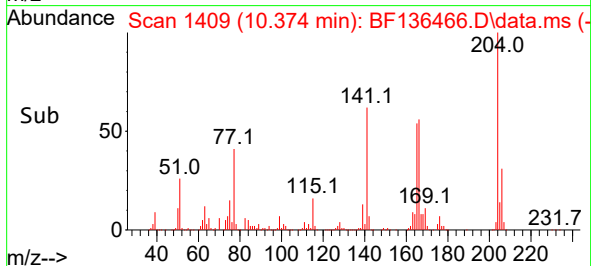
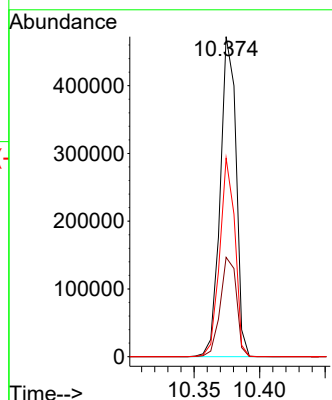
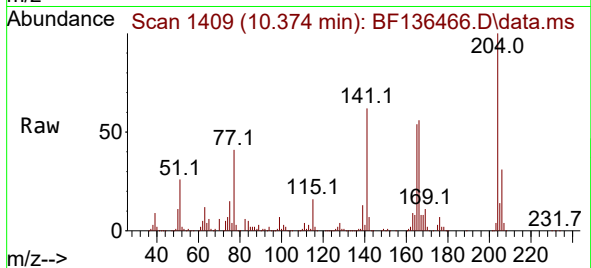
#61
4-Chlorophenyl-phenylether
Concen: 38.422 ng
RT: 10.374 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB157617BS

Tgt Ion:204 Resp: 395384
Ion Ratio Lower Upper
204 100
206 31.1 24.6 36.8
141 62.0 50.3 75.5

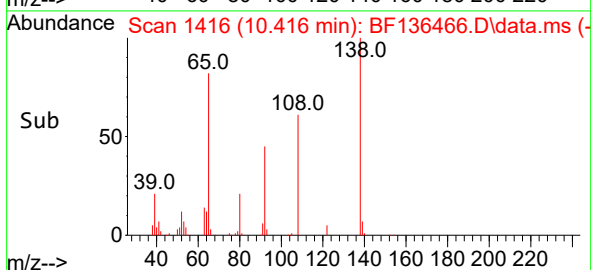
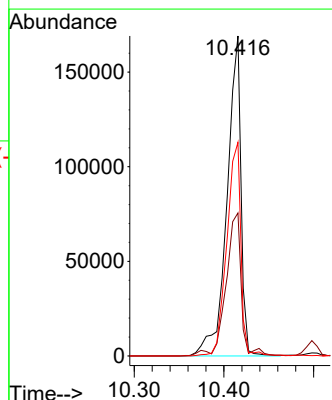
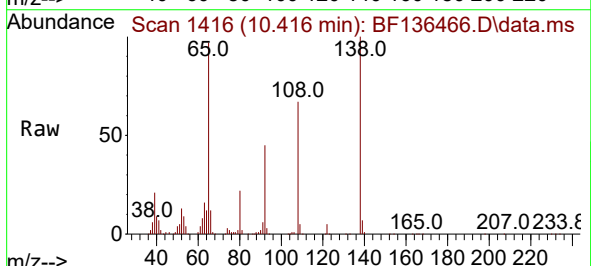
Manual Integrations
APPROVED

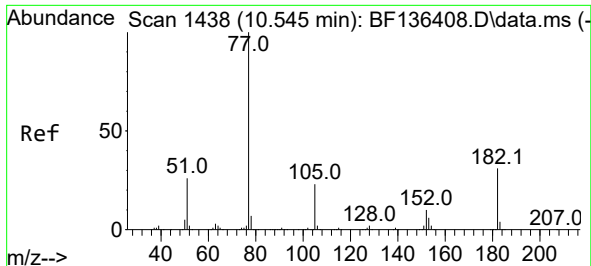
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#62
4-Nitroaniline
Concen: 36.750 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:138 Resp: 183774
Ion Ratio Lower Upper
138 100
92 44.7 25.0 65.0
108 66.7 47.9 87.9





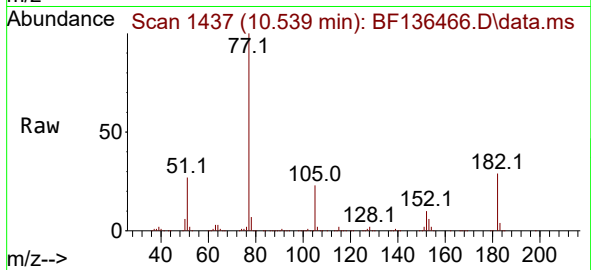
#63
Azobenzene
Concen: 38.106 ng
RT: 10.539 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

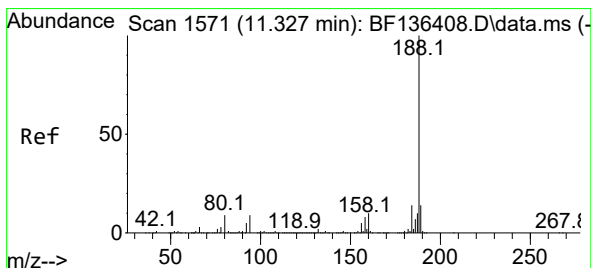
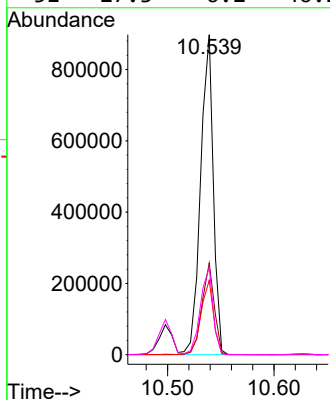
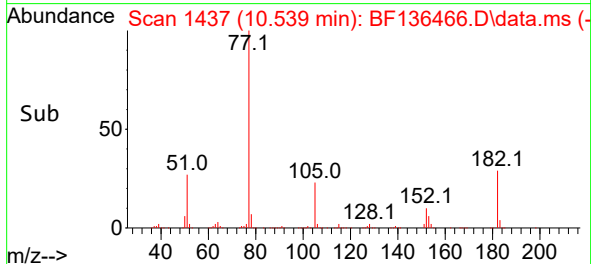


Tgt Ion: 77 Resp: 74766
Ion Ratio Lower Upper
77 100
182 28.7 10.8 50.8
105 23.2 2.6 42.6
51 27.3 6.2 46.2

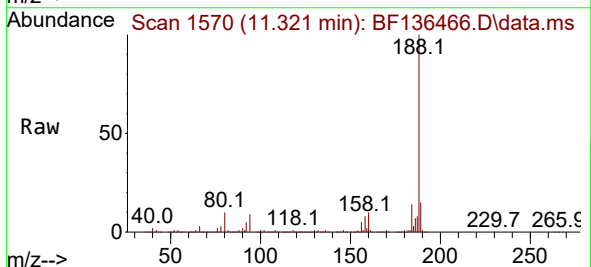
Manual Integrations

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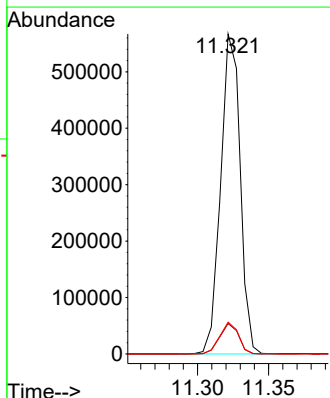
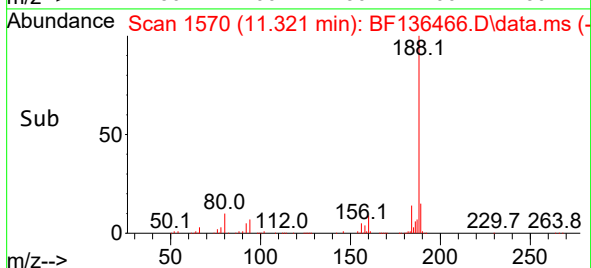
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023

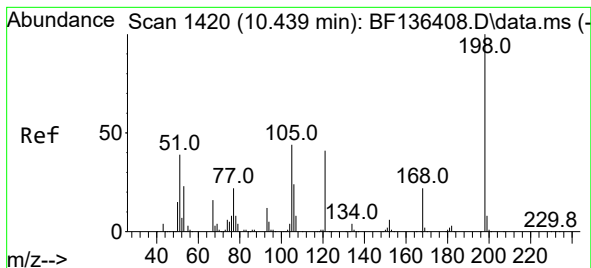


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29



Tgt Ion:188 Resp: 541028
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.0 7.2 10.8





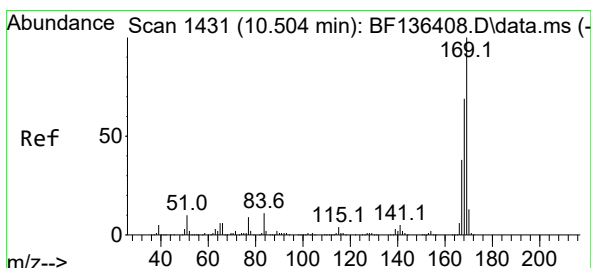
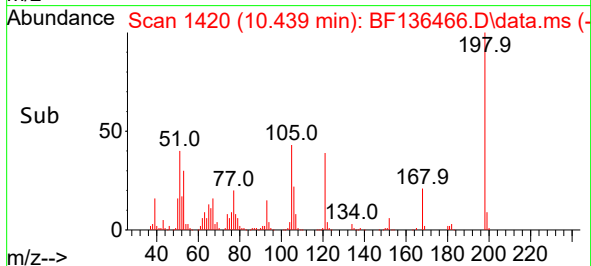
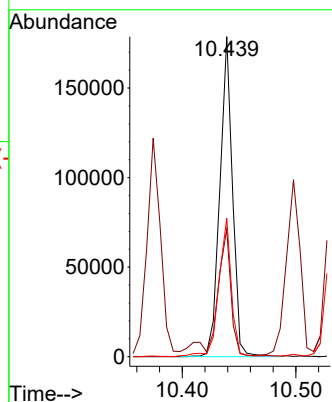
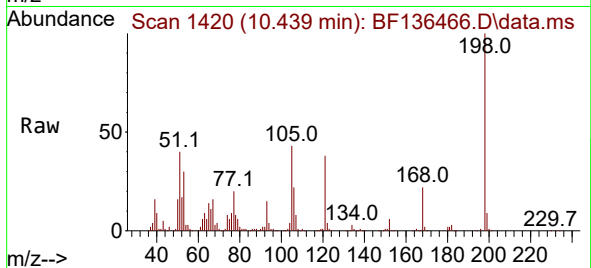
#65
4,6-Dinitro-2-methylphenol
Concen: 41.374 ng
RT: 10.439 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB157617BS

Tgt Ion:198 Resp: 13863
Ion Ratio Lower Upper
198 100
51 39.9 24.1 64.1
105 43.3 24.8 64.8

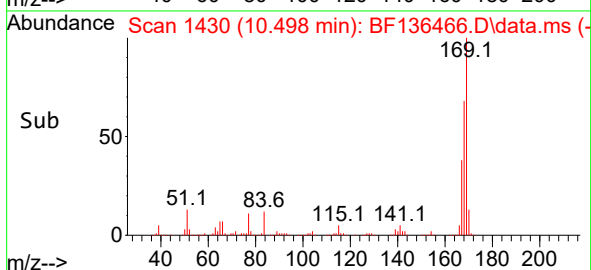
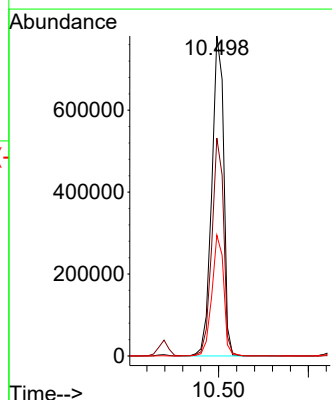
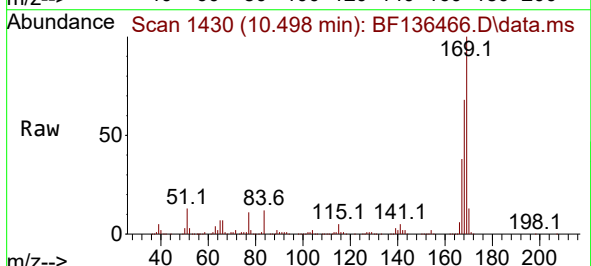
Manual Integrations
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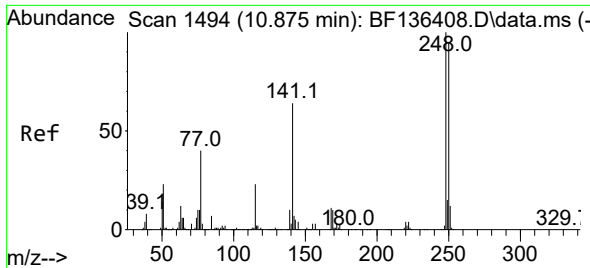
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#66
n-Nitrosodiphenylamine
Concen: 41.558 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

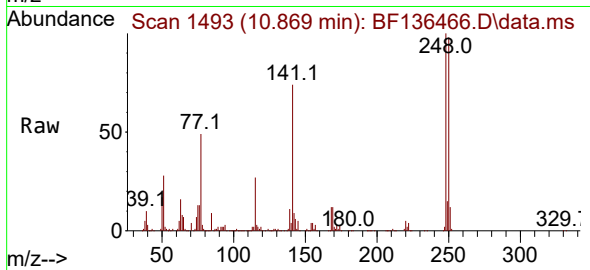
Tgt Ion:169 Resp: 721464
Ion Ratio Lower Upper
169 100
168 68.1 55.3 82.9
167 37.8 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 39.924 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

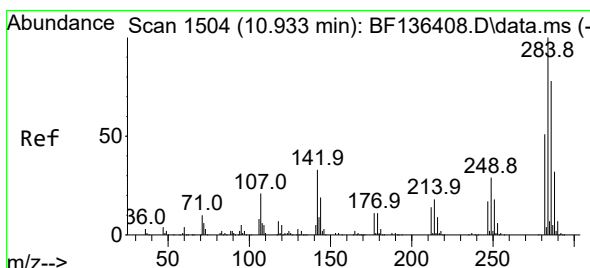
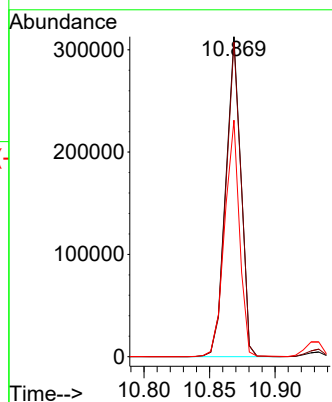
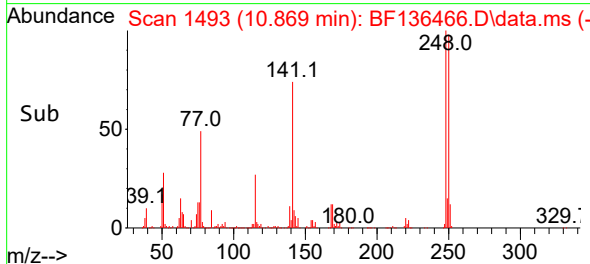
Instrument :
BNA_F
ClientSampleId :
PB157617BS



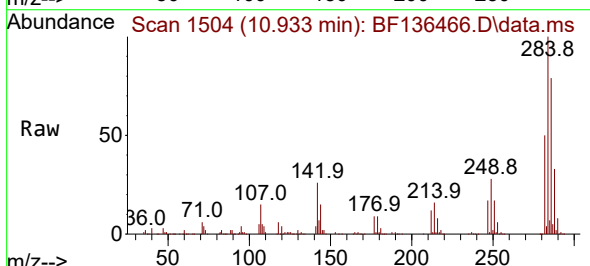
Tgt Ion:248 Resp: 251130
Ion Ratio Lower Upper
248 100
250 98.3 76.2 114.2
141 73.9 51.0 76.4

Manual Integrations
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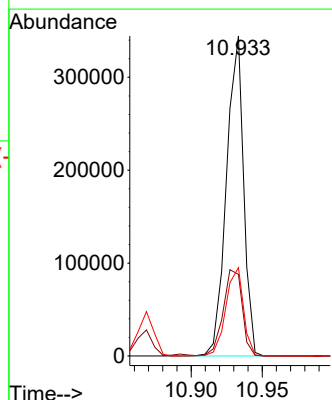
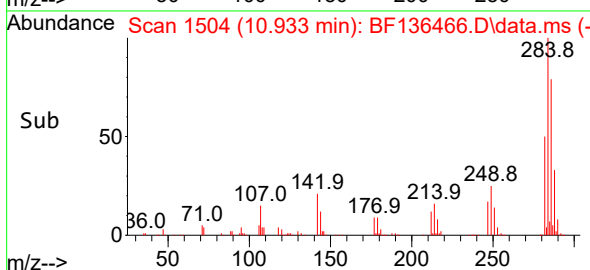
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023

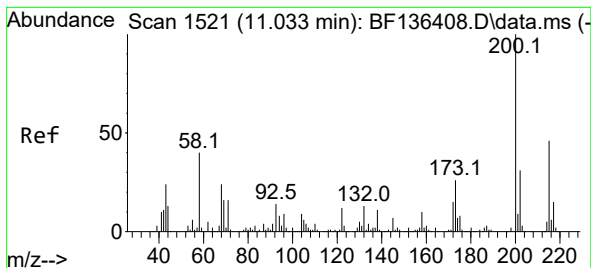


#68
Hexachlorobenzene
Concen: 39.696 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29



Tgt Ion:284 Resp: 288601
Ion Ratio Lower Upper
284 100
142 25.5 26.5 39.7#
249 27.6 23.4 35.0





#69

Atrazine

Concen: 41.880 ng

RT: 11.033 min Scan# 1521

Delta R.T. -0.000 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

Tgt Ion:200 Resp: 207512

Ion Ratio Lower Upper

200 100

173 25.0 6.0 46.0

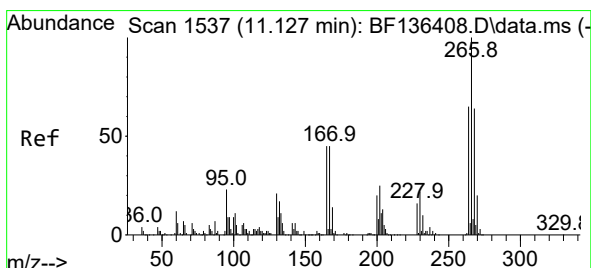
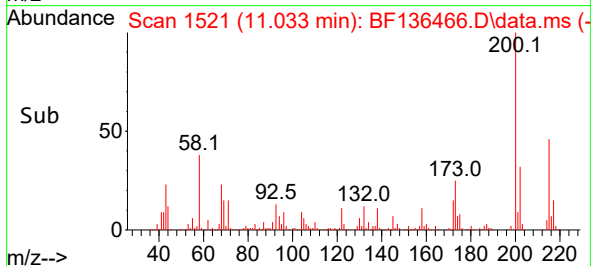
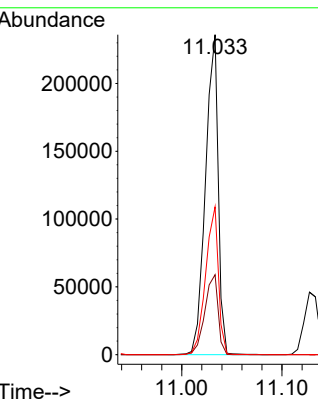
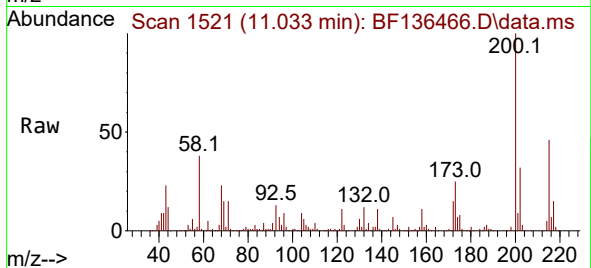
215 46.2 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/14/2023



#70

Pentachlorophenol

Concen: 63.784 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

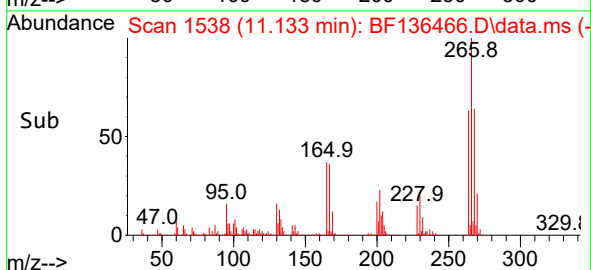
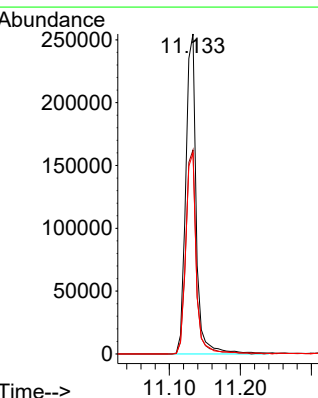
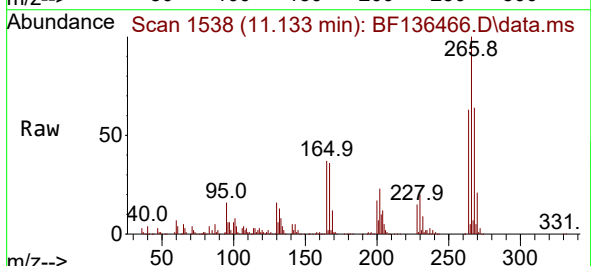
Tgt Ion:266 Resp: 261715

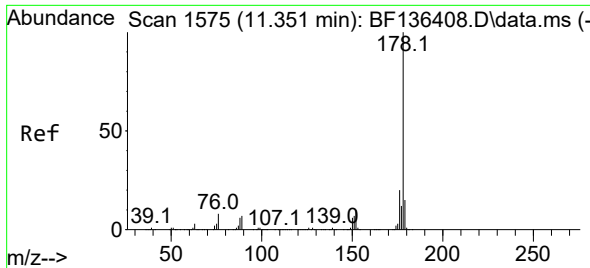
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.8 52.2 78.4





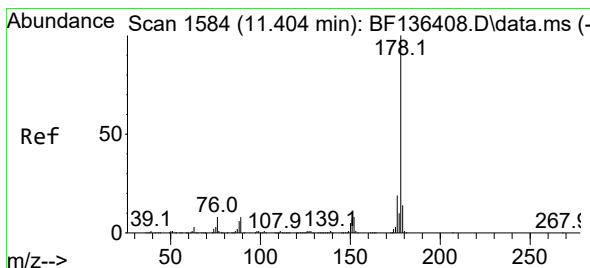
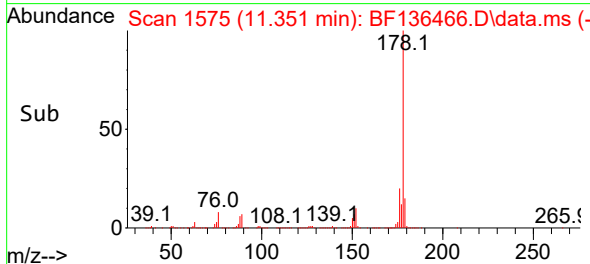
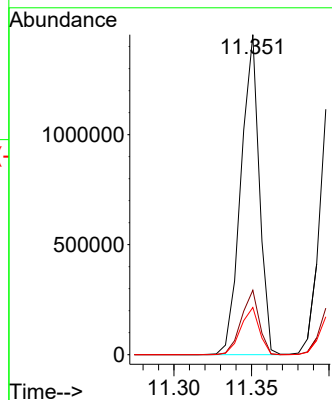
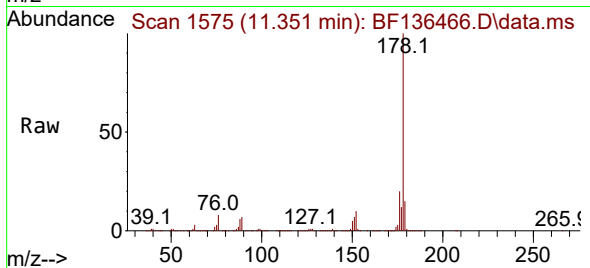
#71
Phenanthrene
Concen: 40.348 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB157617BS

Tgt Ion:178 Resp: 119982
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 14.8 11.8 17.6

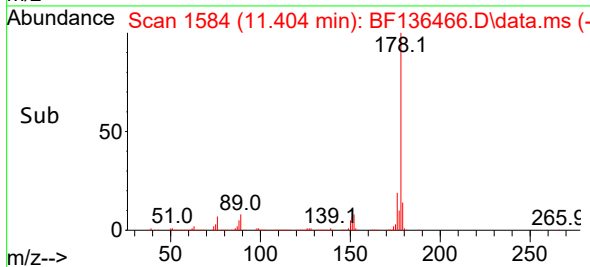
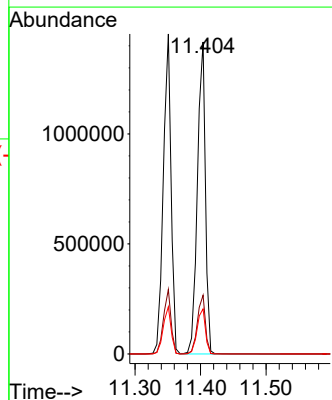
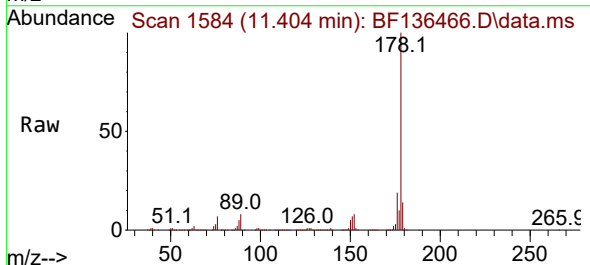
Manual Integrations
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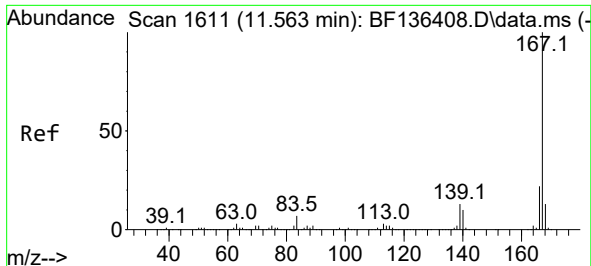
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#72
Anthracene
Concen: 40.336 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

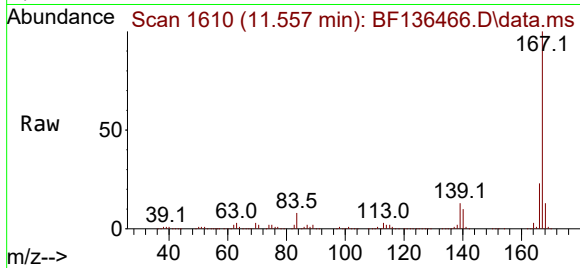
Tgt Ion:178 Resp: 1208134
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 14.5 11.4 17.0





#73
 Carbazole
 Concen: 38.364 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF136466.D
 Acq: 08 Dec 2023 14:29

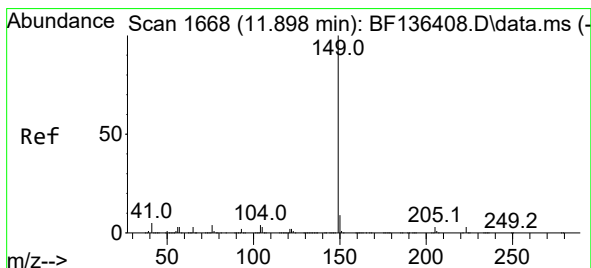
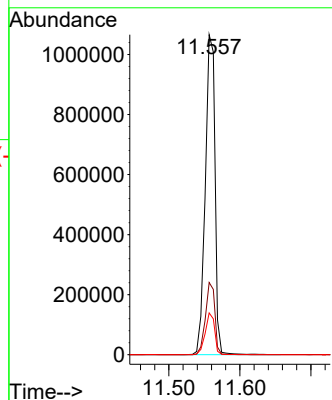
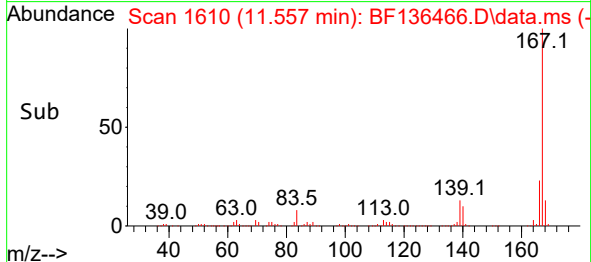
Instrument :
 BNA_F
 ClientSampleId :
 PB157617BS



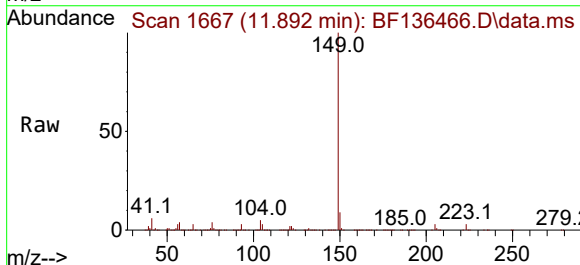
Tgt Ion:167 Resp: 1017014
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 13.1 10.2 15.4

Manual Integrations
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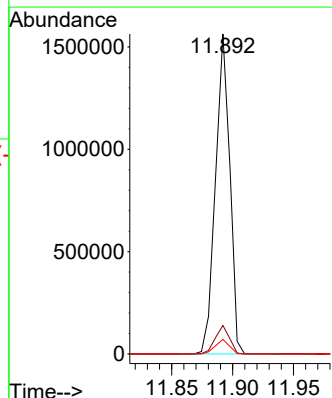
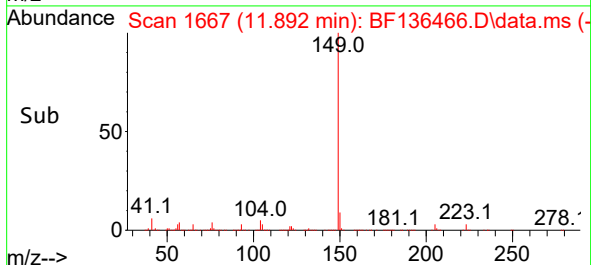
Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/14/2023

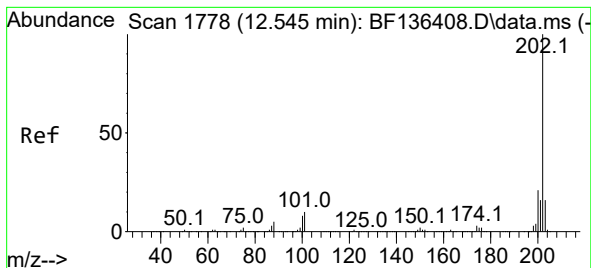


#74
 Di-n-butylphthalate
 Concen: 39.148 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF136466.D
 Acq: 08 Dec 2023 14:29



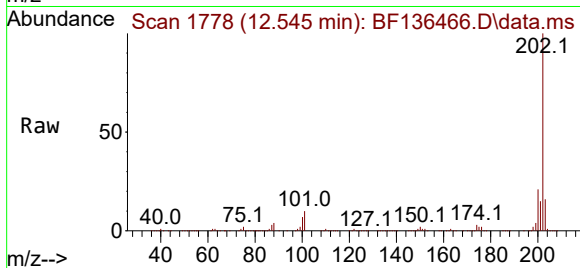
Tgt Ion:149 Resp: 1272236
 Ion Ratio Lower Upper
 149 100
 150 8.9 6.9 10.3
 104 4.5 3.5 5.3





#75
Fluoranthene
Concen: 36.372 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

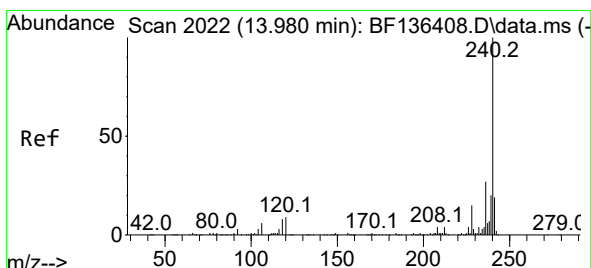
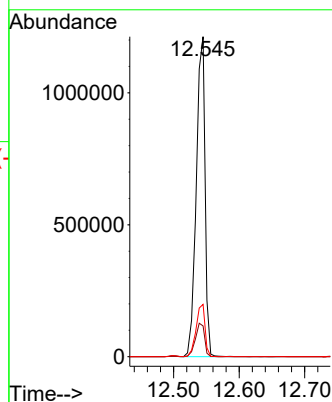
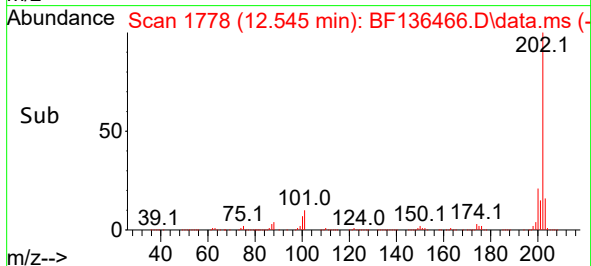
Instrument :
BNA_F
ClientSampleId :
PB157617BS



Tgt Ion:202 Resp: 113346
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.9
203 16.3 0.0 36.3

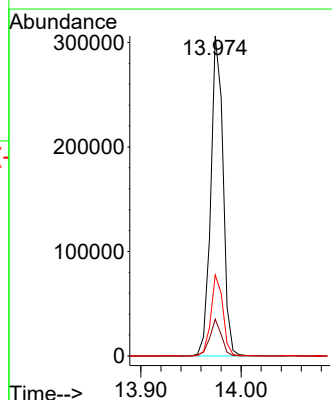
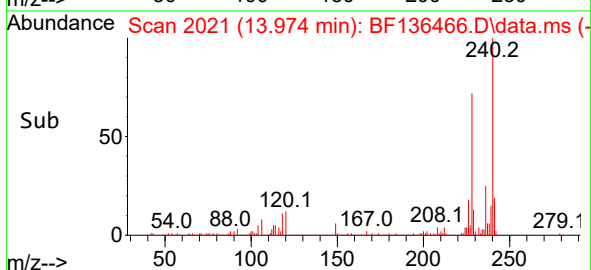
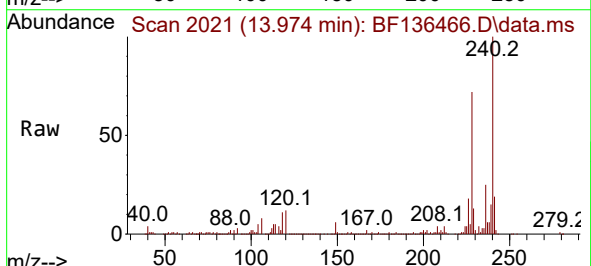
Manual Integrations
APPROVED

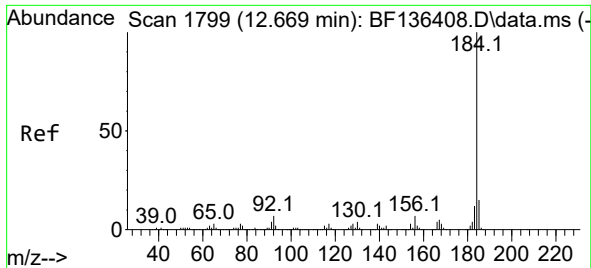
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

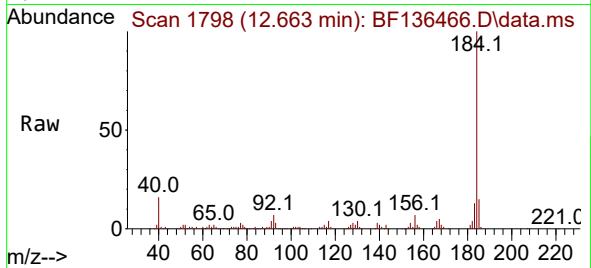
Tgt Ion:240 Resp: 261881
Ion Ratio Lower Upper
240 100
120 11.5 7.3 10.9#
236 25.3 21.3 31.9





#77
Benzidine
Concen: 19.320 ng
RT: 12.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

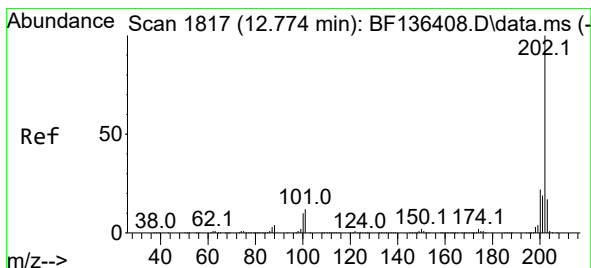
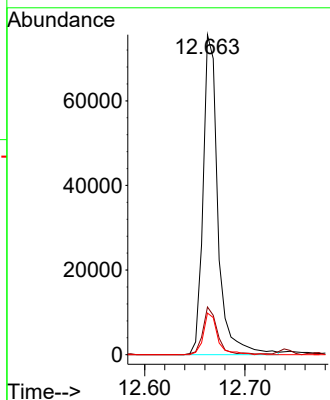
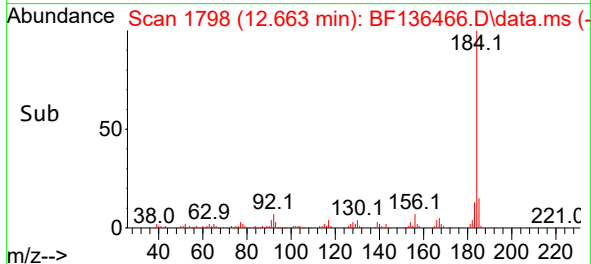
Instrument :
BNA_F
ClientSampleId :
PB157617BS



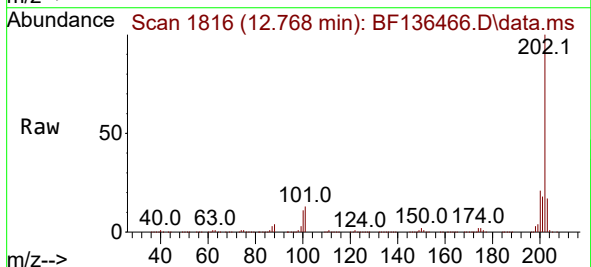
Tgt Ion:184 Resp: 78250
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 13.0 9.4 14.0

Manual Integrations
APPROVED

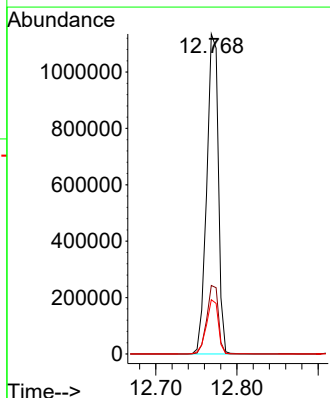
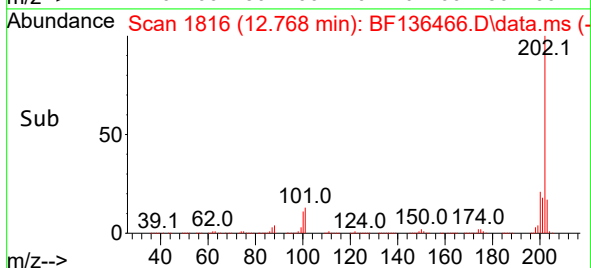
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023

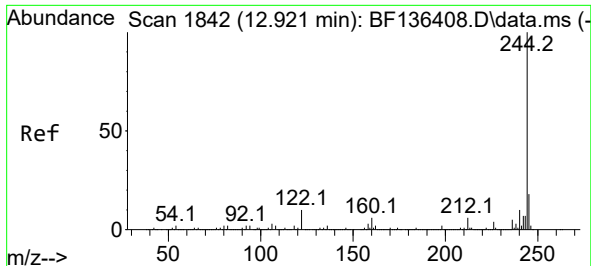


#78
Pyrene
Concen: 43.718 ng
RT: 12.768 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29



Tgt Ion:202 Resp: 1121274
Ion Ratio Lower Upper
202 100
200 21.4 18.0 27.0
203 17.0 13.5 20.3





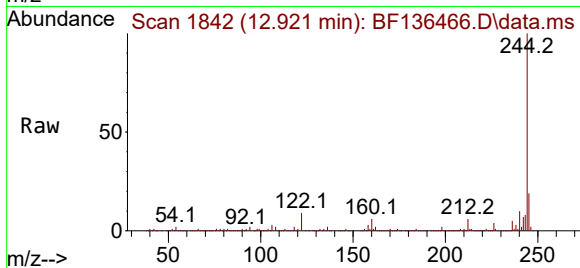
#79
Terphenyl-d14
Concen: 81.702 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS



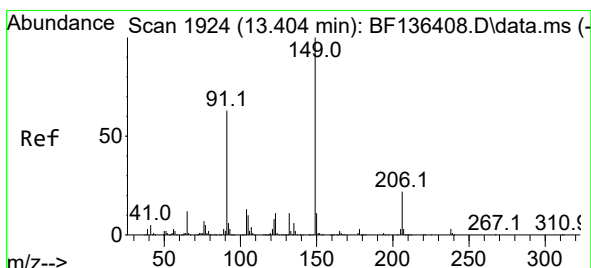
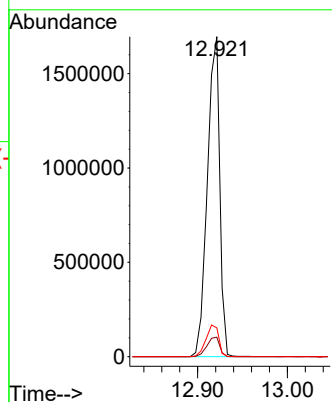
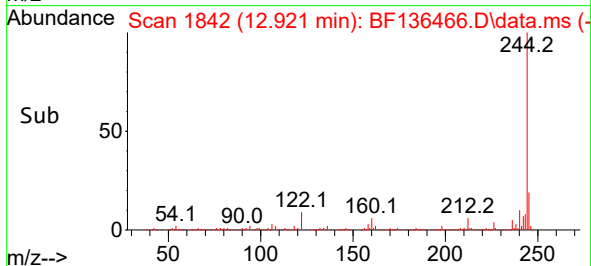
Tgt Ion:244 Resp: 162333
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 9.0 8.3 12.5

Manual Integrations

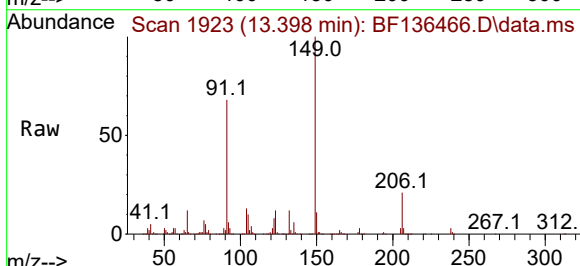
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

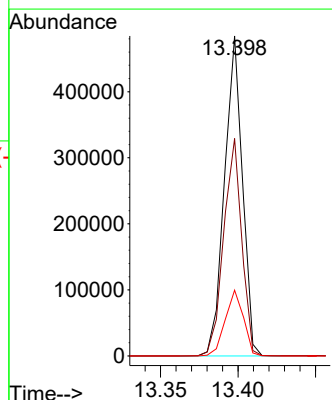
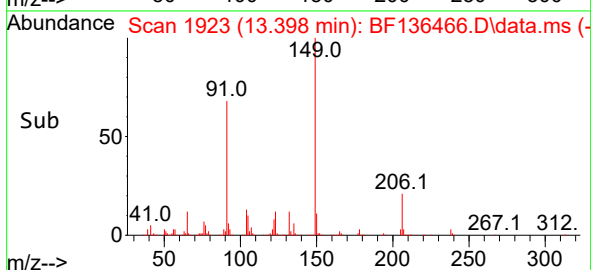
Supervised By :mohammad ahmed 12/14/2023

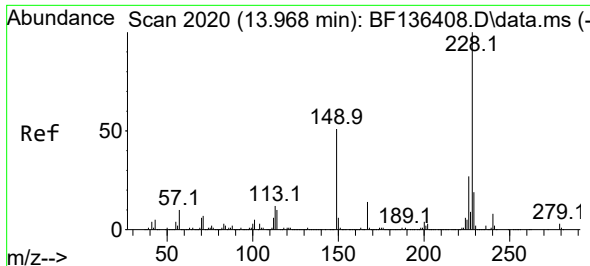


#80
Butylbenzylphthalate
Concen: 42.736 ng
RT: 13.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29



Tgt Ion:149 Resp: 390181
Ion Ratio Lower Upper
149 100
91 68.0 50.5 75.7
206 20.6 17.4 26.2





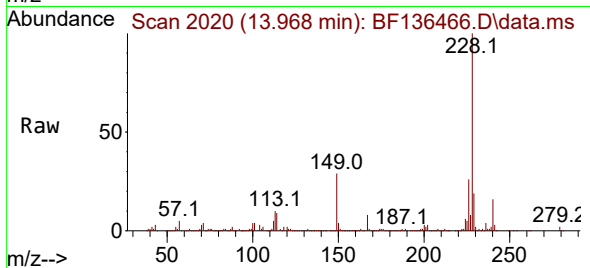
#81
Benzo(a)anthracene
Concen: 41.371 ng
RT: 13.968 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

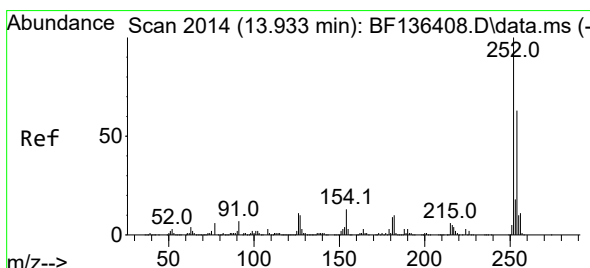
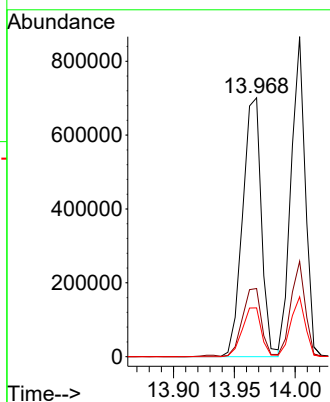
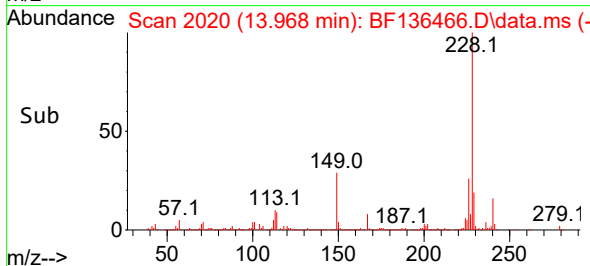


Tgt Ion:228 Resp: 754674
Ion Ratio Lower Upper
228 100
226 26.4 21.8 32.8
229 18.9 15.0 22.4

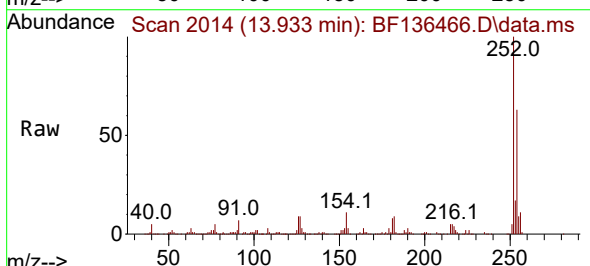
Manual Integrations

APPROVED

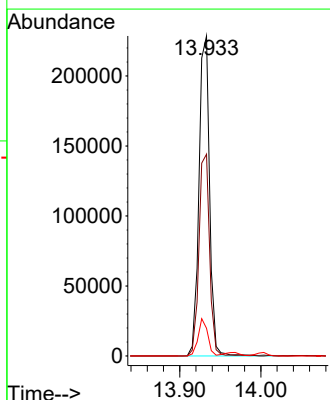
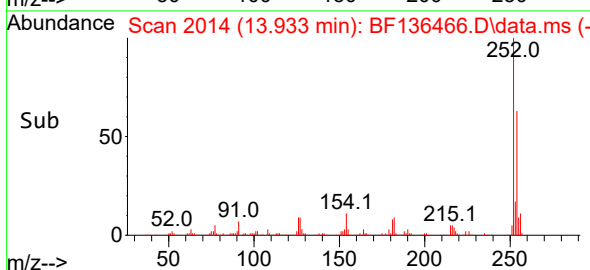
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023

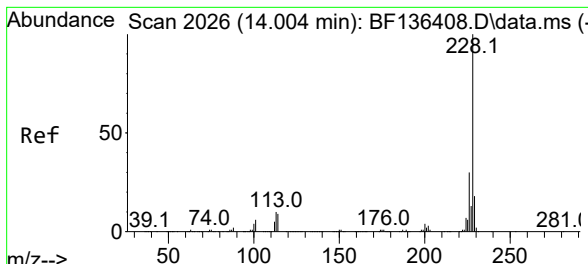


#82
3,3'-Dichlorobenzidine
Concen: 40.600 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29



Tgt Ion:252 Resp: 207652
Ion Ratio Lower Upper
252 100
254 63.1 50.8 76.2
126 8.6 8.6 12.8





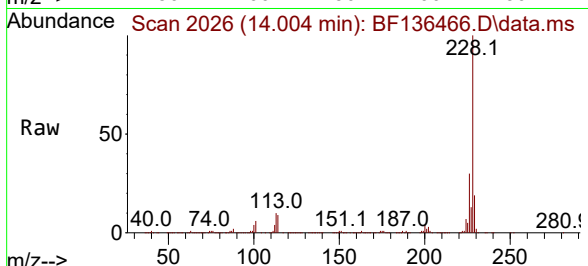
#83
 Chrysene
 Concen: 39.175 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: BF136466.D
 Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS



Tgt Ion: 228 Resp: 703084

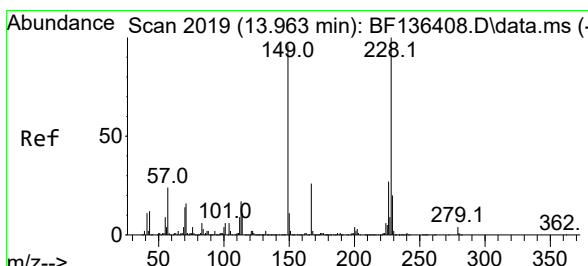
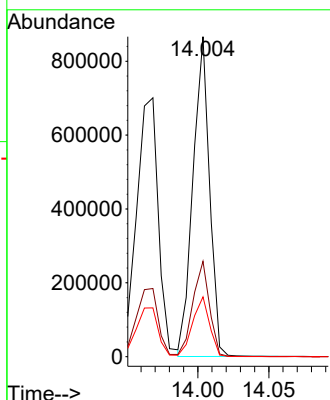
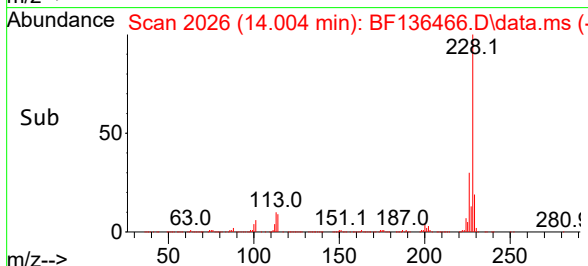
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	18.7	14.8	22.2

Manual Integrations

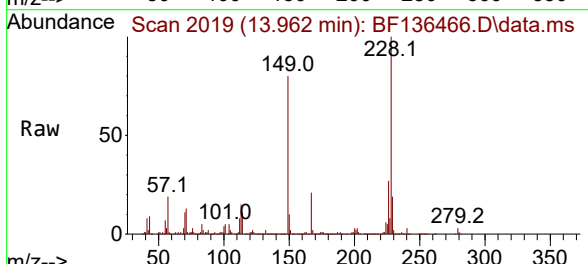
APPROVED

Reviewed By : Yogesh Patel 12/08/2023

Supervised By : mohammad ahmed 12/14/2023

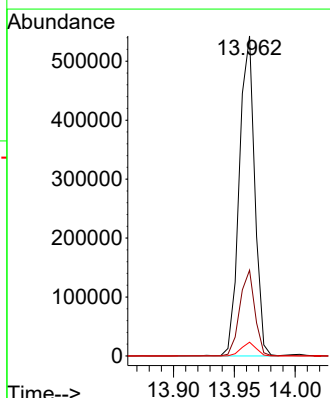
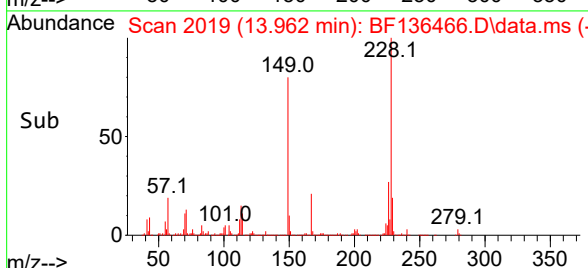


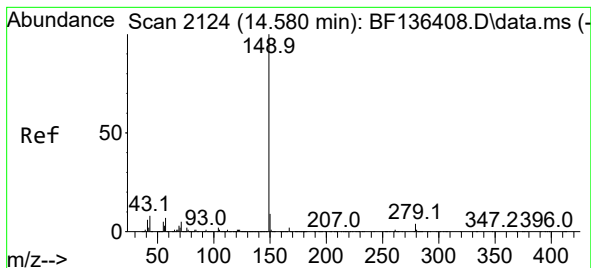
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.669 ng
 RT: 13.962 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: BF136466.D
 Acq: 08 Dec 2023 14:29



Tgt Ion: 149 Resp: 477577

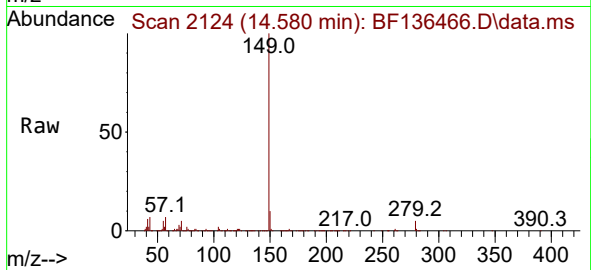
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.2	31.8
279	4.3	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 43.363 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

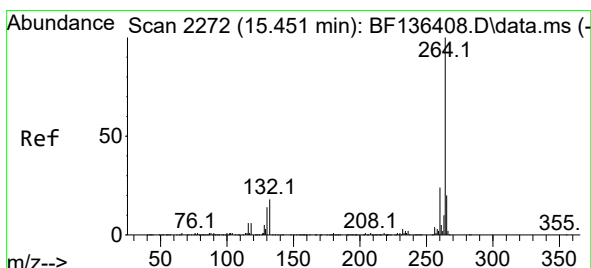
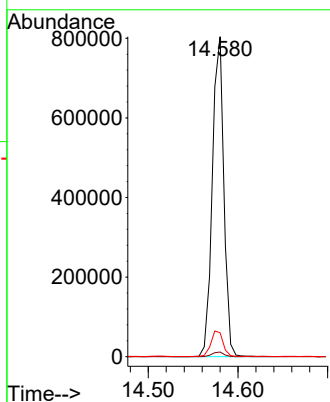
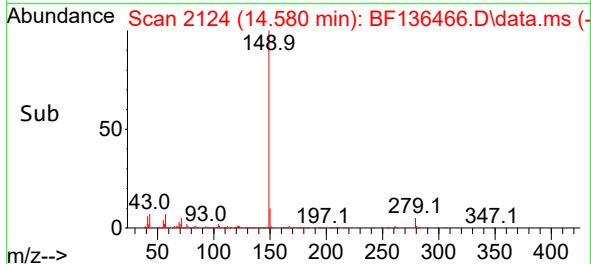
Instrument :
BNA_F
ClientSampleId :
PB157617BS



Tgt Ion:149 Resp: 716912
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 6.8 10.2

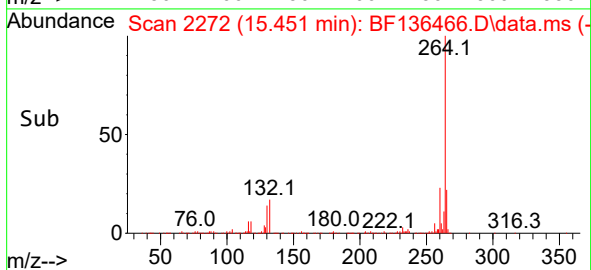
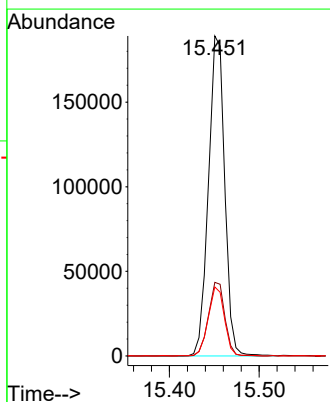
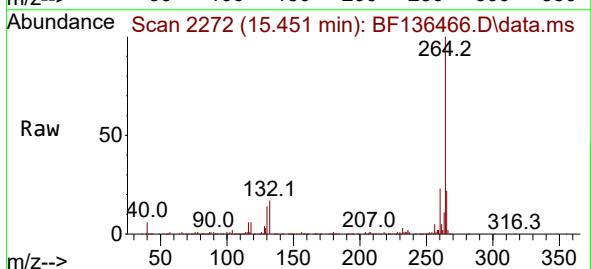
Manual Integrations
APPROVED

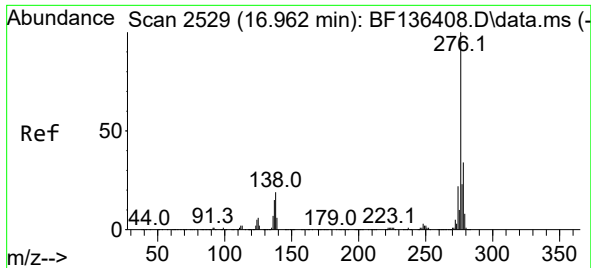
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

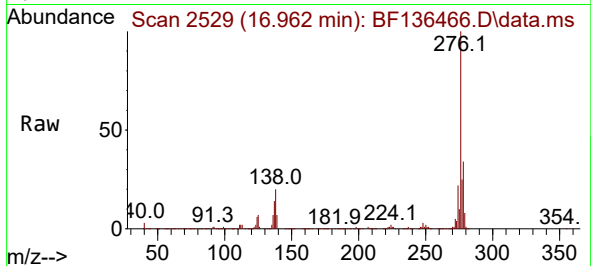
Tgt Ion:264 Resp: 238195
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 21.5 15.9 23.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.605 ng
RT: 16.962 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

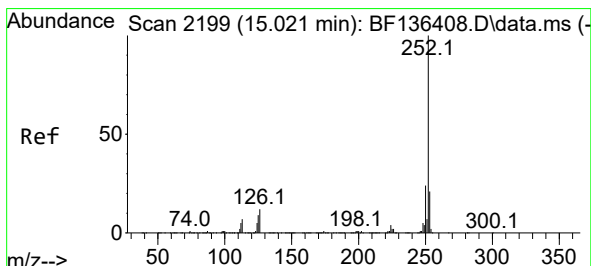
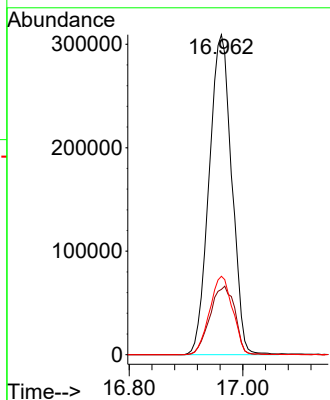
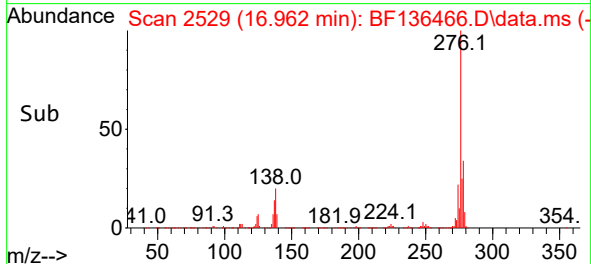
Instrument :
BNA_F
ClientSampleId :
PB157617BS



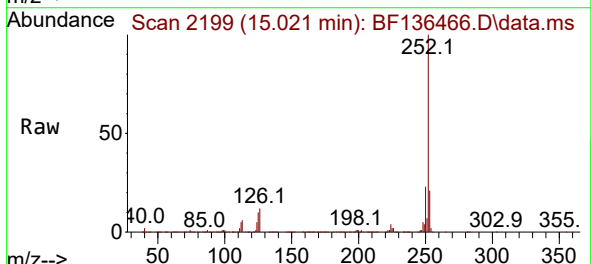
Tgt Ion:276 Resp: 85395
Ion Ratio Lower Upper
276 100
138 23.7 19.0 28.4
277 25.1 20.0 30.0

Manual Integrations
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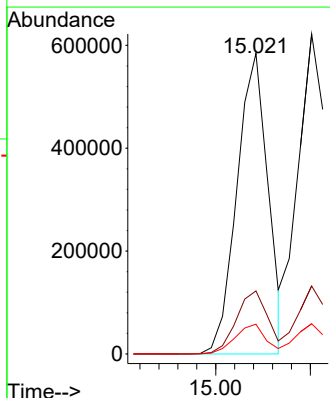
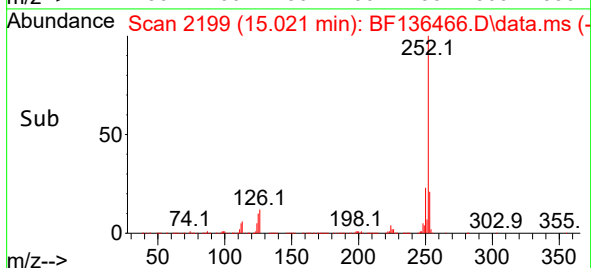
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023

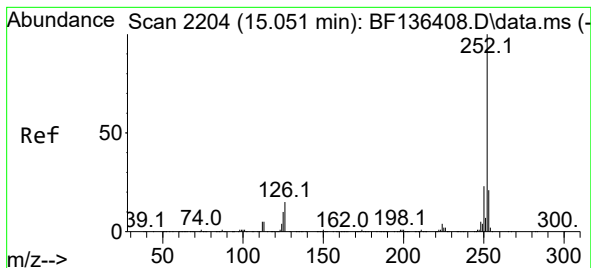


#88
Benzo(b)fluoranthene
Concen: 40.878 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29



Tgt Ion:252 Resp: 665732
Ion Ratio Lower Upper
252 100
253 21.0 16.9 25.3
125 9.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 42.246 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB157617BS

Tgt Ion:252 Resp: 64839

Ion Ratio Lower Upper

252 100

253 21.3 16.9 25.3

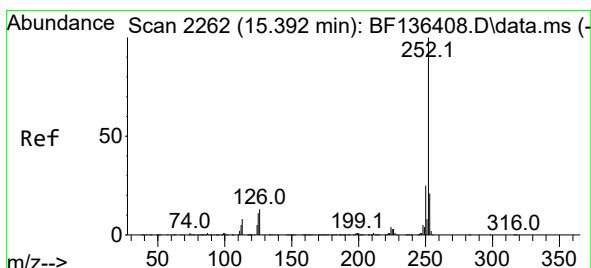
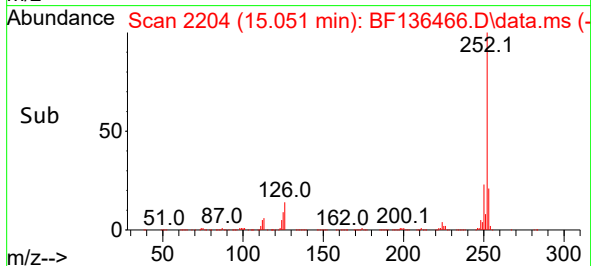
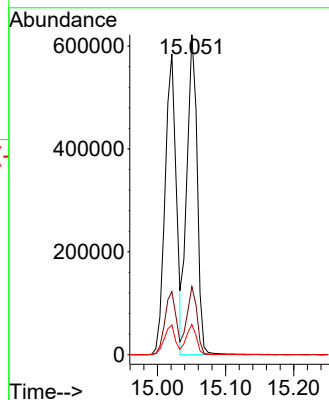
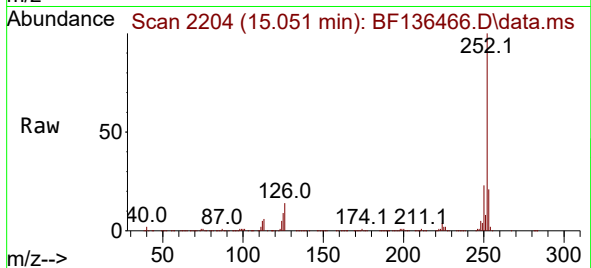
125 9.5 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/14/2023



#90

Benzo(a)pyrene

Concen: 44.138 ng

RT: 15.392 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF136466.D

Acq: 08 Dec 2023 14:29

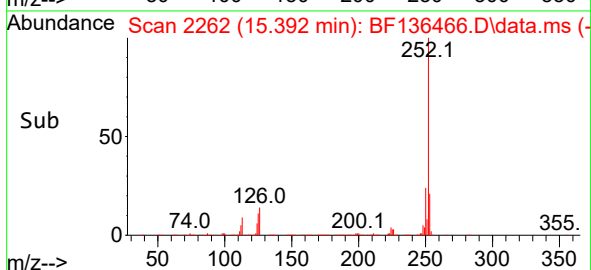
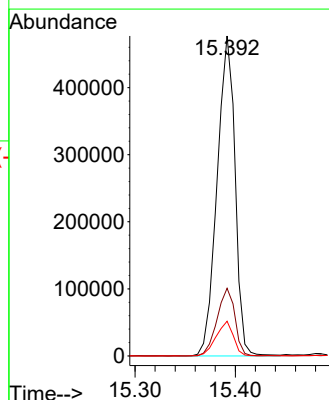
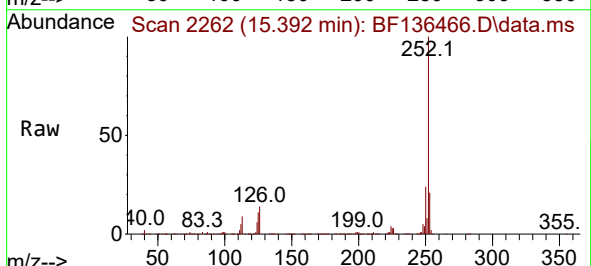
Tgt Ion:252 Resp: 593646

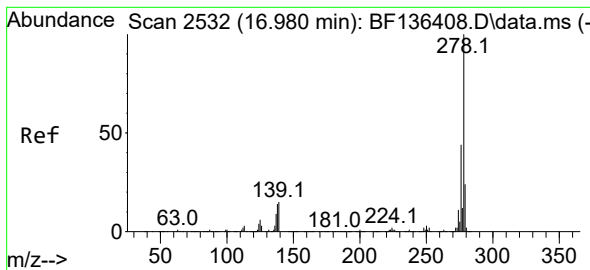
Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.4

125 10.8 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 52.848 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Instrument :

BNA_F

ClientSampleId :

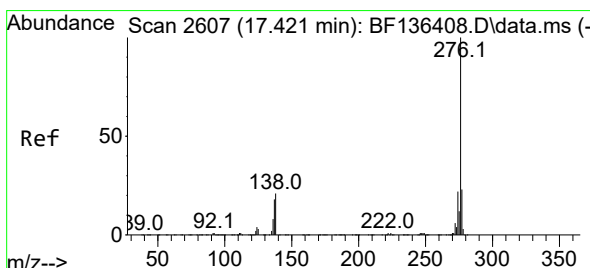
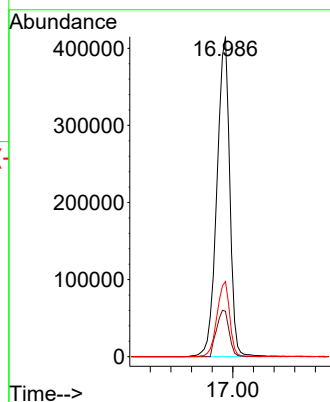
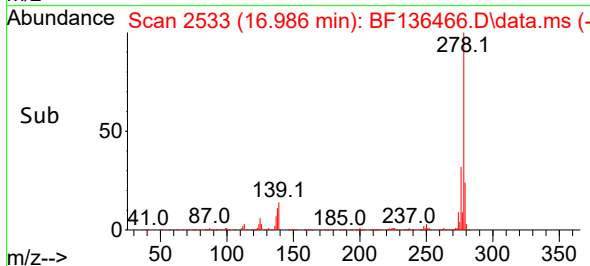
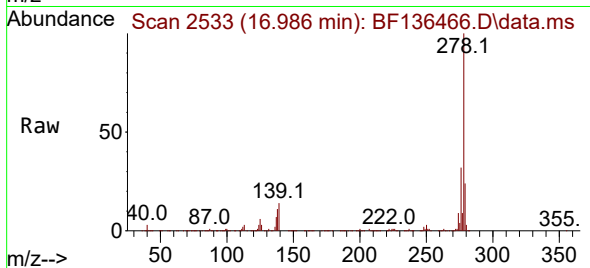
PB157617BS

Tgt Ion:278 Resp: 716449
Ion Ratio Lower Upper
278 100
139 14.2 12.2 18.4
279 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023



#92
Benzo(g,h,i)perylene
Concen: 50.868 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF136466.D
Acq: 08 Dec 2023 14:29

Tgt Ion:276 Resp: 707815
Ion Ratio Lower Upper
276 100
277 23.3 18.7 28.1
138 21.3 16.6 25.0

