

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136410.D
 Acq On : 05 Dec 2023 17:09
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 09:36:24 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 09:31:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	115509	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	460592	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	233313	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	430604	20.000	ng	0.00
76) Chrysene-d12	13.980	240	217992	20.000	ng	0.00
86) Perylene-d12	15.457	264	219708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1161886	148.552	ng	0.00
7) Phenol-d6	6.457	99	1442606	147.832	ng	0.01
23) Nitrobenzene-d5	7.381	82	1307170	153.424	ng	0.01
42) 2,4,6-Tribromophenol	10.639	330	437328	152.021	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2485463	145.359	ng	0.00
79) Terphenyl-d14	12.927	244	2627423	158.862	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	238970	77.246	ng	98
3) Pyridine	3.346	79	578839	77.263	ng	100
4) n-Nitrosodimethylamine	3.334	42	258866	79.532	ng	97
6) Aniline	6.469	93	740253m	75.061	ng	
8) 2-Chlorophenol	6.598	128	631399	73.946	ng	99
9) Benzaldehyde	6.363	77	314143	81.533	ng	95
10) Phenol	6.469	94	754185	72.630	ng	95
11) bis(2-Chloroethyl)ether	6.551	93	576534	74.488	ng	100
12) 1,3-Dichlorobenzene	6.745	146	724796	75.479	ng	98
13) 1,4-Dichlorobenzene	6.822	146	730094	74.950	ng	97
14) 1,2-Dichlorobenzene	6.981	146	676826	73.889	ng	98
15) Benzyl Alcohol	6.957	79	476268	72.885	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.087	45	719525	72.279	ng	99
17) 2-Methylphenol	7.063	107	521578	75.609	ng	97
18) Hexachloroethane	7.310	117	257274	75.649	ng	96
19) n-Nitroso-di-n-propyla...	7.234	70	409479	72.742	ng	98
20) 3+4-Methylphenols	7.222	107	607157	70.909	ng	99
22) Acetophenone	7.222	105	853828	75.070	ng	# 94
24) Nitrobenzene	7.398	77	665145	77.605	ng	96
25) Isophorone	7.634	82	1183224	77.300	ng	98
26) 2-Nitrophenol	7.704	139	332394	78.886	ng	100
27) 2,4-Dimethylphenol	7.745	122	396130	76.243	ng	97
28) bis(2-Chloroethoxy)met...	7.839	93	714288	75.941	ng	99
29) 2,4-Dichlorophenol	7.945	162	528792	77.107	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	620851	77.638	ng	98
31) Naphthalene	8.110	128	1908977	75.157	ng	99
32) Benzoic acid	7.904	122	433004	83.809	ng	98
33) 4-Chloroaniline	8.157	127	683739	75.507	ng	99
34) Hexachlorobutadiene	8.222	225	361398	76.256	ng	99
35) Caprolactam	8.563	113	161386m	76.417	ng	
36) 4-Chloro-3-methylphenol	8.645	107	554248	76.116	ng	97
37) 2-Methylnaphthalene	8.798	142	1195349	73.974	ng	99
38) 1-Methylnaphthalene	8.898	142	1162095	73.288	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	560442	77.210	ng	99
41) Hexachlorocyclopentadiene	8.945	237	231769	86.186	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	369099	78.094	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	413458	78.380	ng	95
46) 1,1'-Biphenyl	9.269	154	1501136	75.614	ng	99
47) 2-Chloronaphthalene	9.292	162	1181765	76.482	ng	99
48) 2-Nitroaniline	9.386	65	328868	79.356	ng	99
49) Acenaphthylene	9.704	152	1647112	74.830	ng	99
50) Dimethylphthalate	9.575	163	1325599	77.172	ng	99
51) 2,6-Dinitrotoluene	9.633	165	302822	78.361	ng	93
52) Acenaphthene	9.880	154	1050389m	74.484	ng	
53) 3-Nitroaniline	9.804	138	305413	77.394	ng	93
54) 2,4-Dinitrophenol	9.910	184	169839	86.926	ng	# 90
55) Dibenzofuran	10.051	168	1502468	72.915	ng	98
56) 4-Nitrophenol	9.969	139	234466	79.258	ng	96
57) 2,4-Dinitrotoluene	10.039	165	391870	76.655	ng	# 89
58) Fluorene	10.392	166	1199382	72.510	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.169	232	315381	74.639	ng	99
60) Diethylphthalate	10.275	149	1270194	75.200	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	583070	72.310	ng	96
62) 4-Nitroaniline	10.428	138	297088	75.819	ng	95
63) Azobenzene	10.545	77	1165121	75.784	ng	94
65) 4,6-Dinitro-2-methylph...	10.451	198	224407	84.149	ng	96
66) n-Nitrosodiphenylamine	10.510	169	1050957	76.061	ng	98
67) 4-Bromophenyl-phenylether	10.875	248	381603	76.222	ng	92
68) Hexachlorobenzene	10.939	284	446420	77.151	ng	96
70) Pentachlorophenol	11.133	266	258265	79.084	ng	99
71) Phenanthrene	11.357	178	1778047	75.125	ng	99
72) Anthracene	11.410	178	1781223	74.720	ng	98
73) Carbazole	11.569	167	1537461	72.869	ng	99
74) Di-n-butylphthalate	11.898	149	1929759	74.607	ng	99
75) Fluoranthene	12.551	202	1749305	70.529	ng	99
78) Pyrene	12.780	202	1769456	82.881	ng	99
80) Butylbenzylphthalate	13.404	149	613149	80.678	ng	95
81) Benzo(a)anthracene	13.968	228	1164649	76.700	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	314837	73.950	ng	98
83) Chrysene	14.010	228	1168351	78.206	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	759104	81.477	ng	99
85) Di-n-octyl phthalate	14.580	149	1215626	88.333	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	1306695	85.609	ng	99
88) Benzo(b)fluoranthene	15.027	252	1088852	72.484	ng	100
89) Benzo(k)fluoranthene	15.057	252	1032452	72.929	ng	99
90) Benzo(a)pyrene	15.398	252	955413	77.013	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	1063821	85.075	ng	98
92) Benzo(g,h,i)perylene	17.439	276	1100189	85.720	ng	98

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

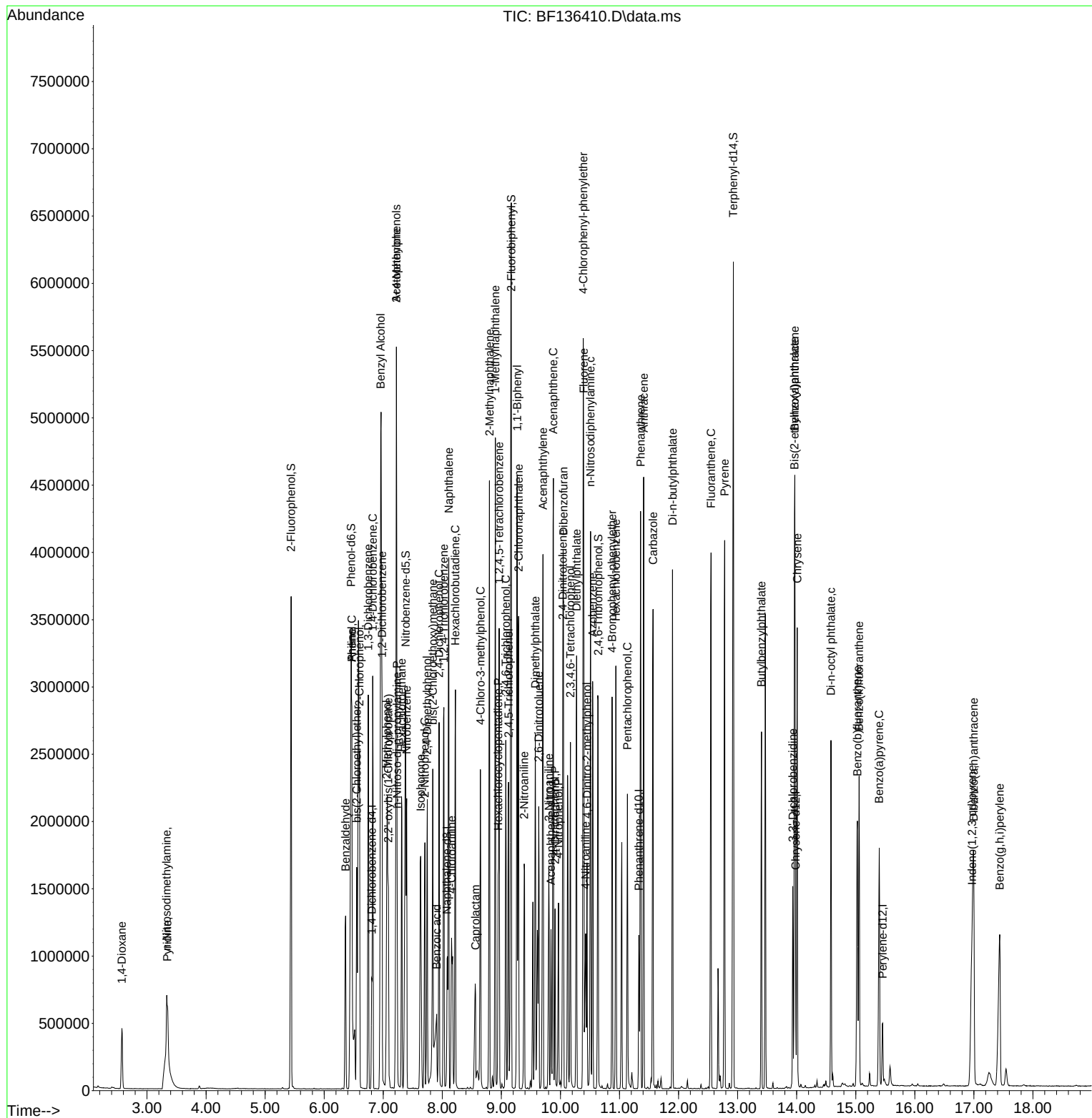
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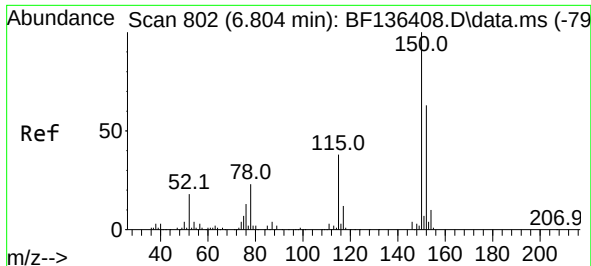
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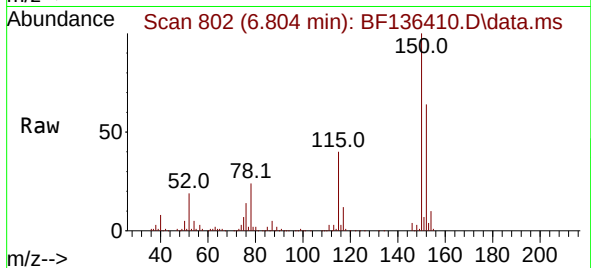
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 802
 Delta R.T. 0.000 min
 Lab File: BF136410.D
 Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

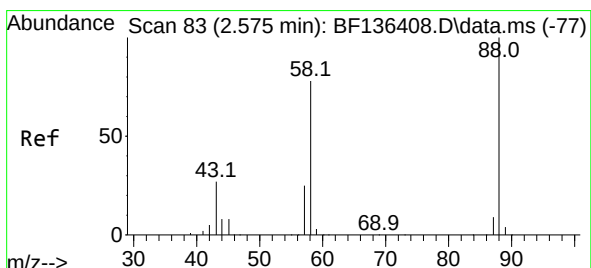
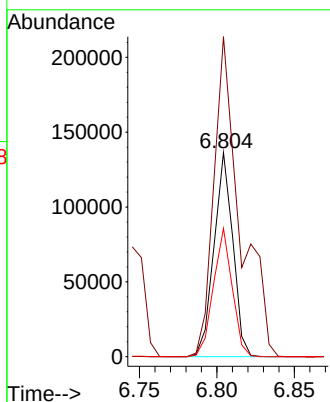
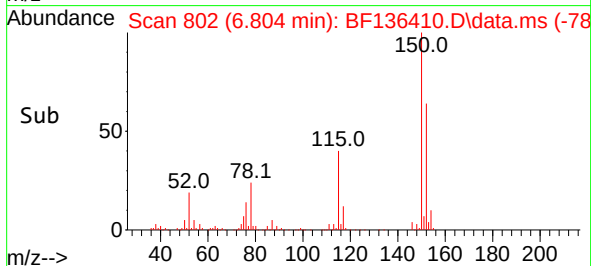


Tgt Ion:152 Resp: 115509
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.4 189.6
 115 62.9 48.2 72.4

Manual Integrations

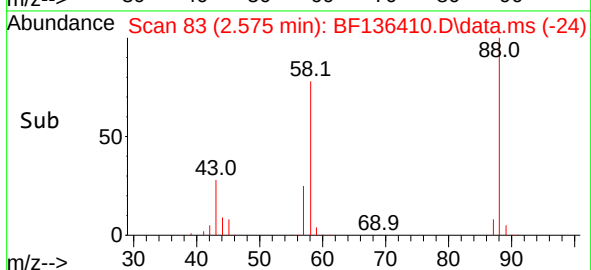
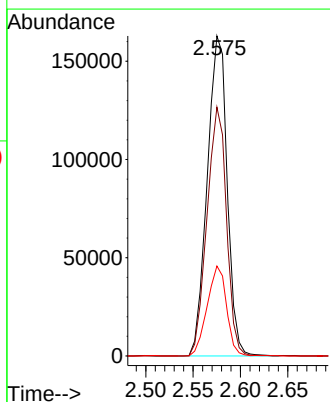
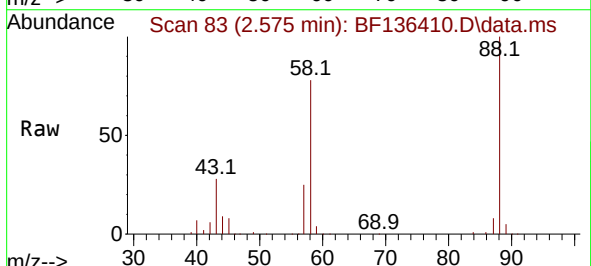
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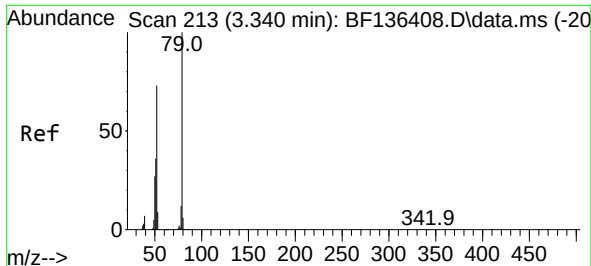
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#2
 1,4-Dioxane
 Concen: 77.246 ng
 RT: 2.575 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: BF136410.D
 Acq: 05 Dec 2023 17:09

Tgt Ion: 88 Resp: 238970
 Ion Ratio Lower Upper
 88 100
 58 75.9 62.2 93.2
 43 27.3 21.5 32.3





#3

Pyridine

Concen: 77.263 ng

RT: 3.346 min Scan# 213

Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 578839

Ion Ratio Lower Upper

79 100

52 72.9 58.2 87.2

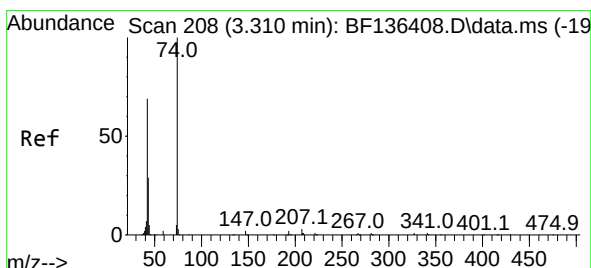
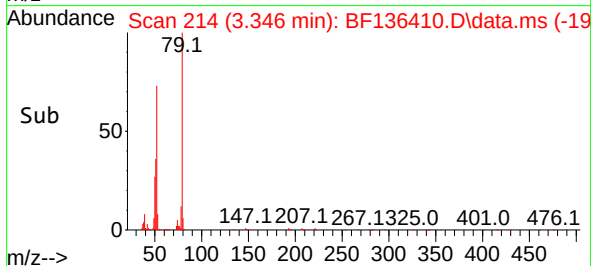
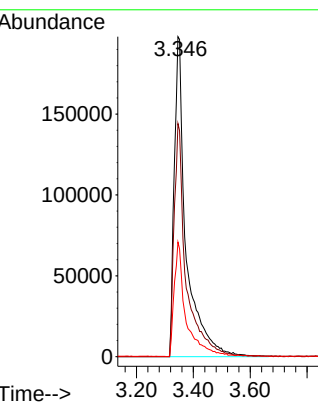
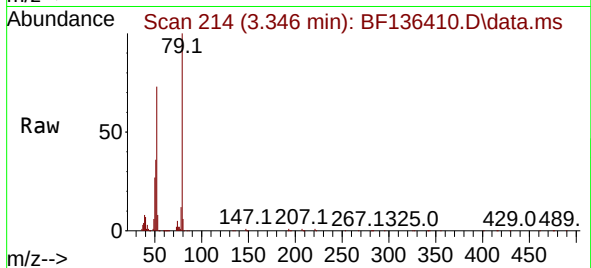
51 35.8 29.1 43.7

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 79.532 ng

RT: 3.334 min Scan# 212

Delta R.T. 0.023 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

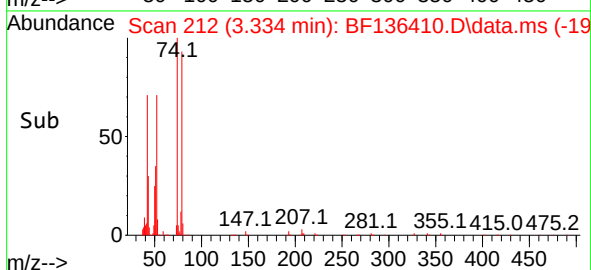
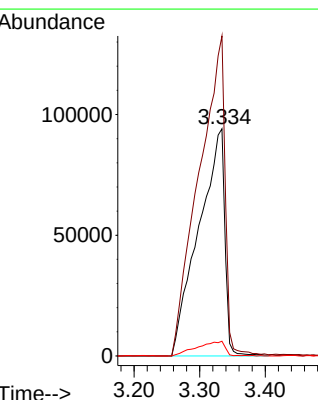
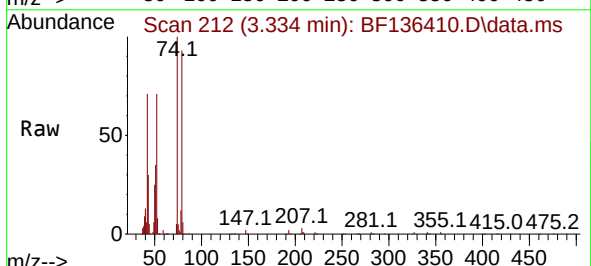
Tgt Ion: 42 Resp: 258866

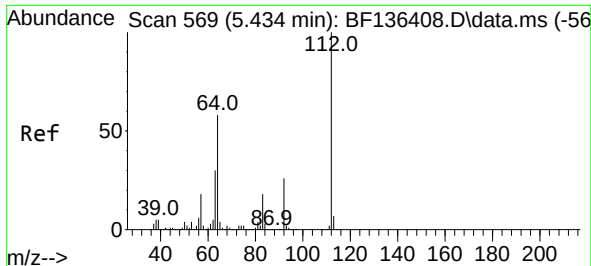
Ion Ratio Lower Upper

42 100

74 140.8 115.4 173.0

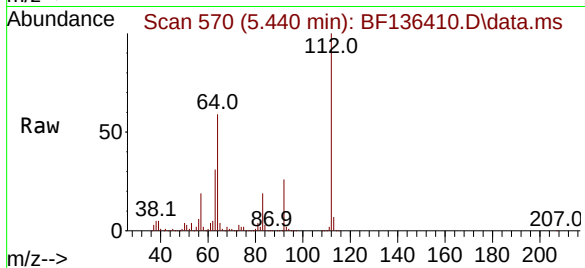
44 6.5 6.2 9.2





#5
2-Fluorophenol
Concen: 148.552 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

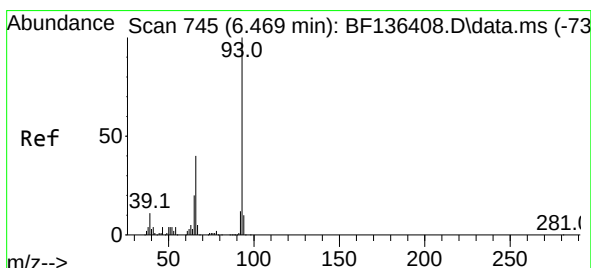
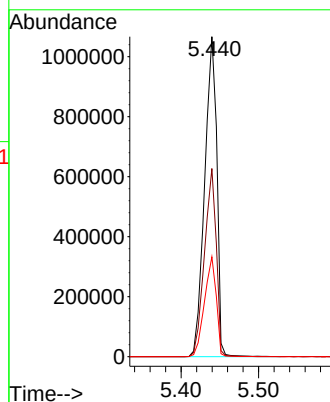
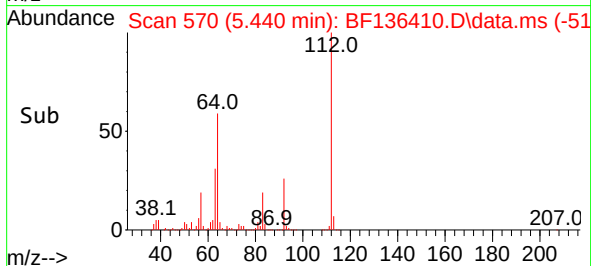
Instrument :
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Tgt Ion:112 Resp: 116188
Ion Ratio Lower Upper
112 100
64 58.8 46.5 69.7
63 31.2 23.9 35.9

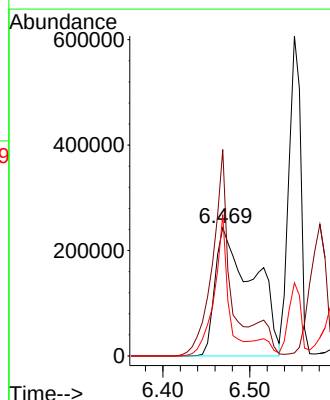
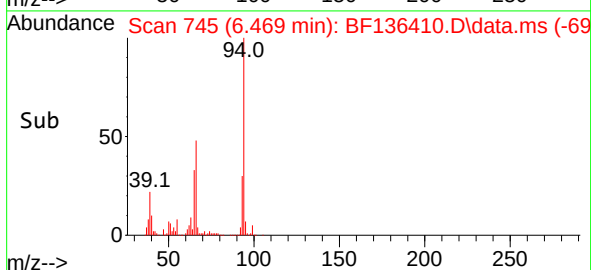
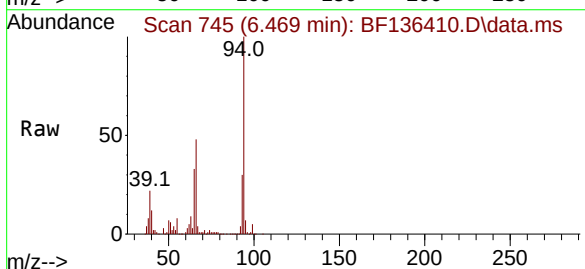
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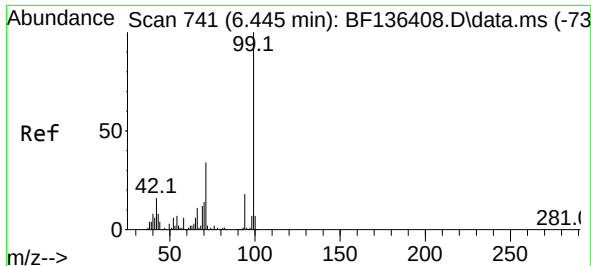
Reviewed By :Yogesh Patel 12/07/2023
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#6
Aniline
Concen: 75.061 ng m
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

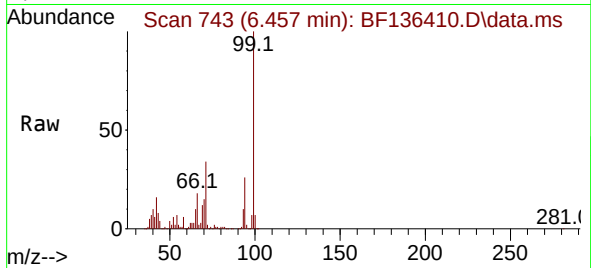
Tgt Ion: 93 Resp: 740253
Ion Ratio Lower Upper
93 100
66 161.1 32.5 48.7#
65 110.2 16.4 24.6#





#7
Phenol-d6
Concen: 147.832 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

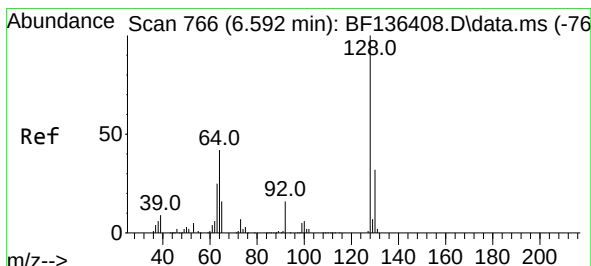
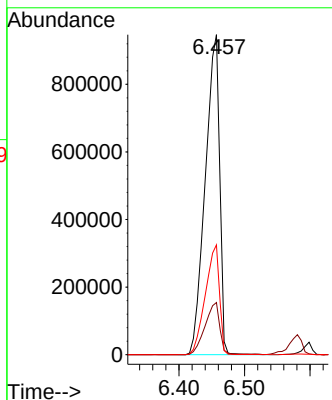
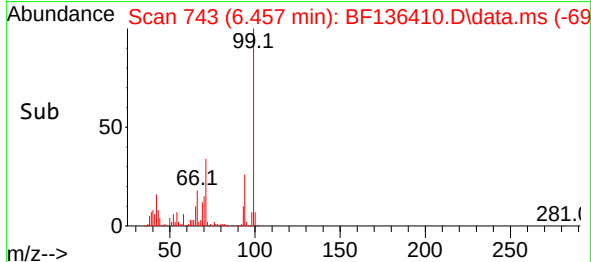
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Tgt Ion: 99 Resp: 1442600
Ion Ratio Lower Upper
99 100
42 16.3 12.8 19.2
71 34.3 27.0 40.4

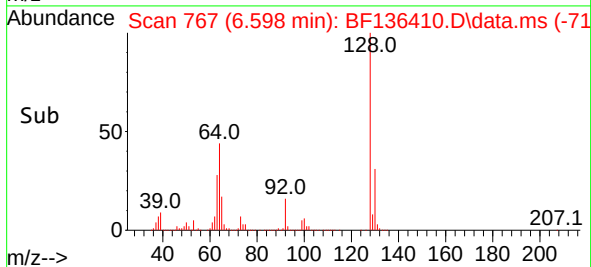
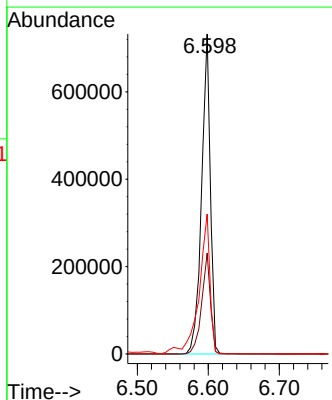
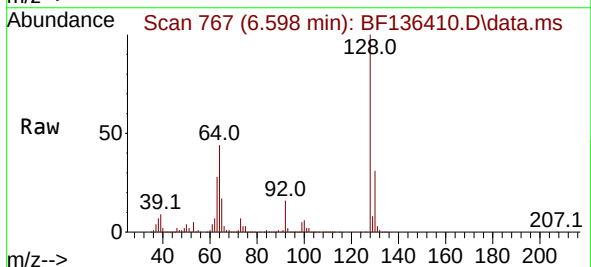
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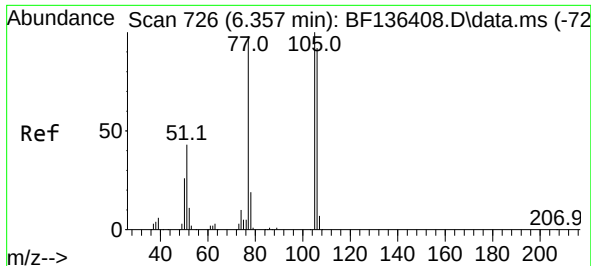
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#8
2-Chlorophenol
Concen: 73.946 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:128 Resp: 631399
Ion Ratio Lower Upper
128 100
130 31.5 11.7 51.7
64 43.8 22.5 62.5





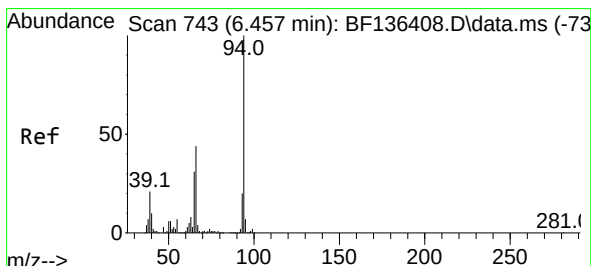
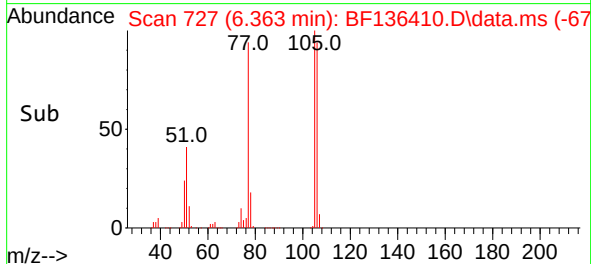
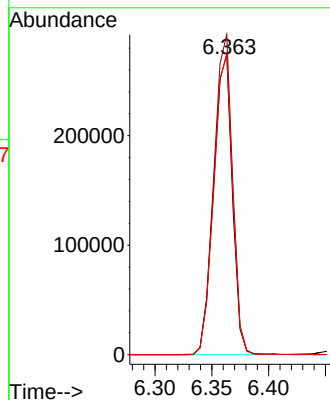
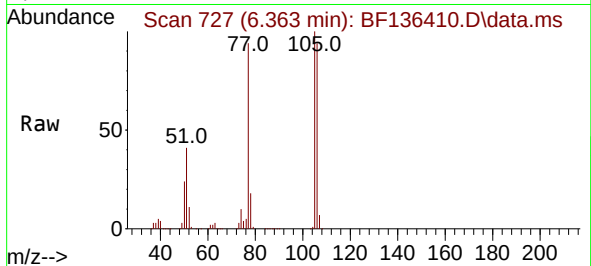
#9
Benzaldehyde
Concen: 81.533 ng
RT: 6.363 min Scan# 714
Delta R.T. 0.006 min
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Tgt Ion: 77 Resp: 31414
Ion Ratio Lower Upper
77 100
105 106.3 82.5 122.5
106 99.7 74.5 114.5

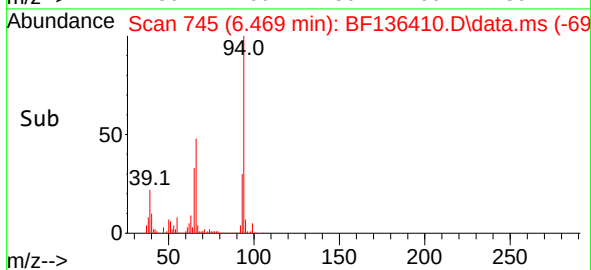
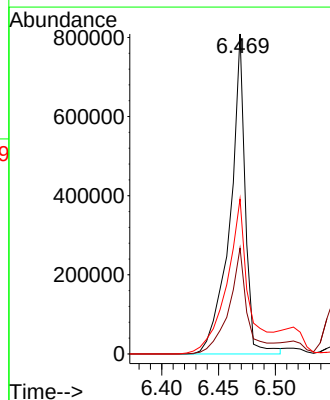
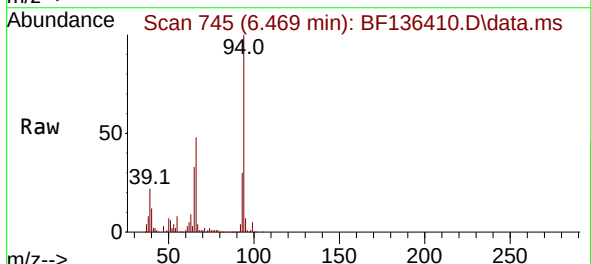
Manual Integrations
APPROVED

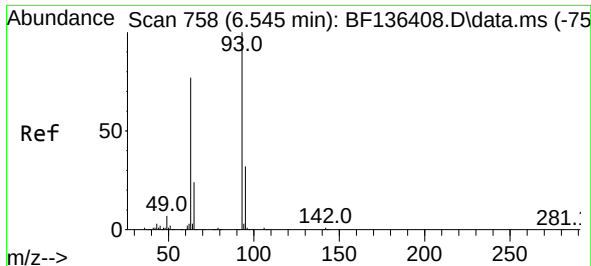
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#10
Phenol
Concen: 72.630 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

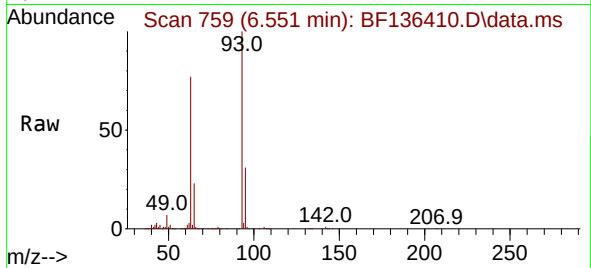
Tgt Ion: 94 Resp: 754185
Ion Ratio Lower Upper
94 100
65 33.1 11.2 51.2
66 48.4 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 74.488 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

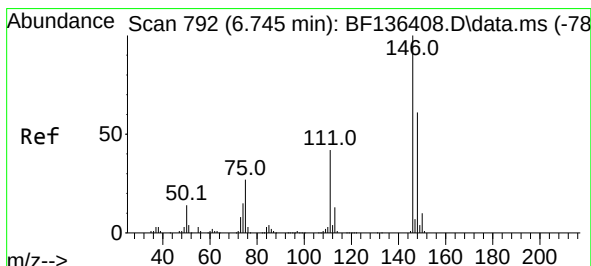
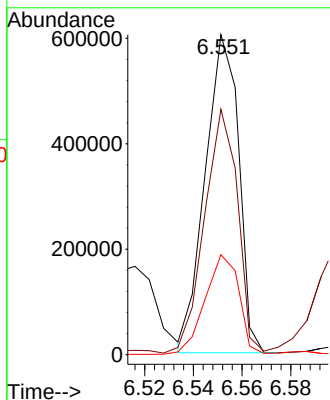
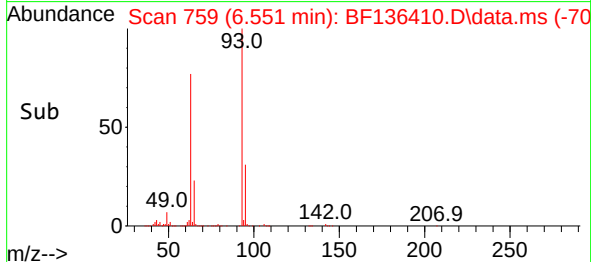
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



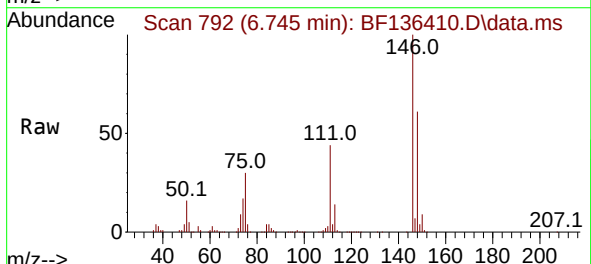
Tgt Ion: 93 Resp: 576534
Ion Ratio Lower Upper
93 100
63 76.6 56.8 96.8
95 31.3 11.8 51.8

Manual Integrations
APPROVED

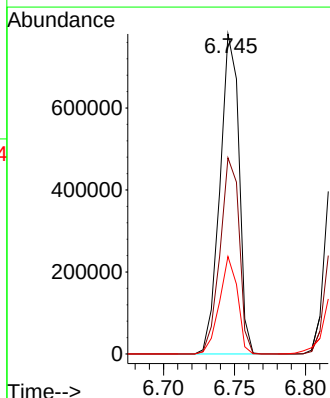
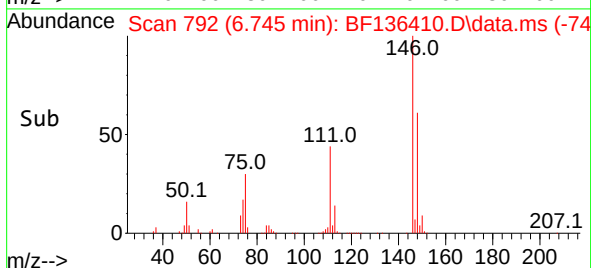
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

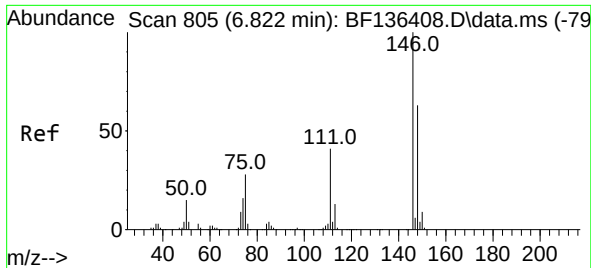


#12
1,3-Dichlorobenzene
Concen: 75.479 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09



Tgt Ion:146 Resp: 724796
Ion Ratio Lower Upper
146 100
148 61.3 49.0 73.6
75 30.5 21.8 32.6





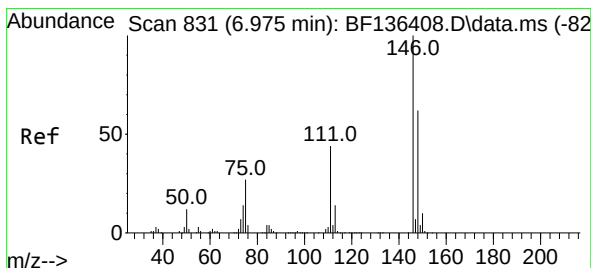
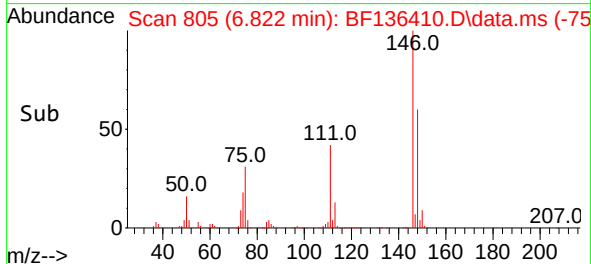
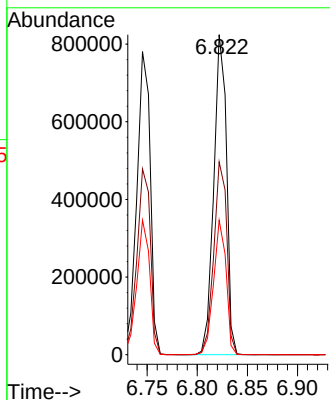
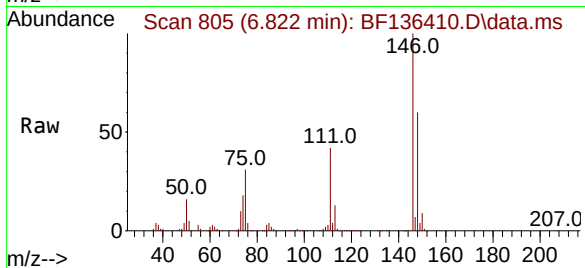
#13
1,4-Dichlorobenzene
Concen: 74.950 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 730094
Ion Ratio Lower Upper
146 100
148 60.2 50.3 75.5
111 42.0 32.6 49.0

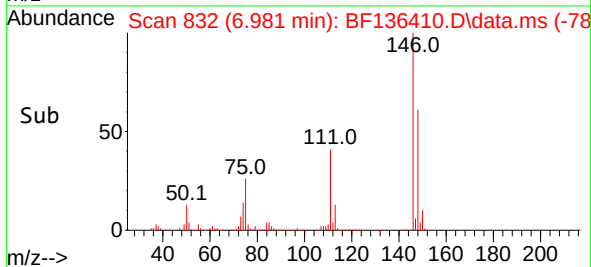
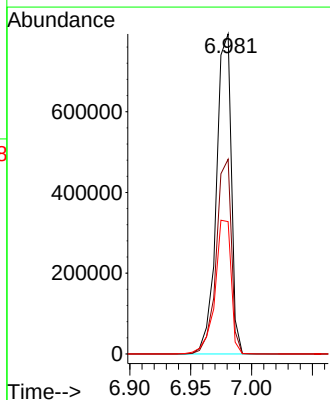
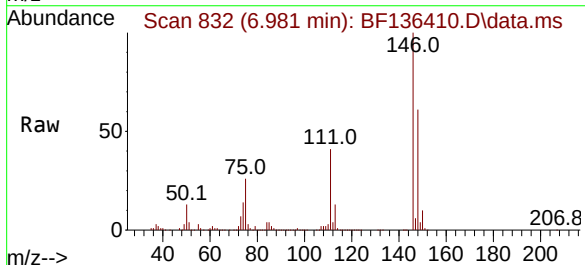
Manual Integrations
APPROVED

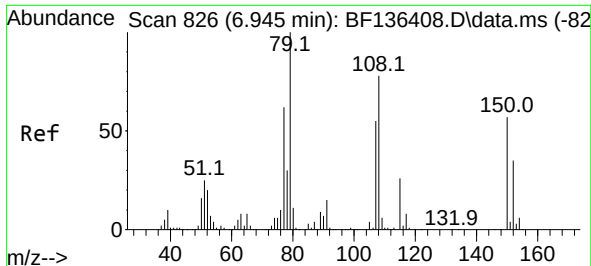
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#14
1,2-Dichlorobenzene
Concen: 73.889 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:146 Resp: 676826
Ion Ratio Lower Upper
146 100
148 60.9 49.8 74.6
111 41.3 34.9 52.3





#15
Benzyl Alcohol
Concen: 72.885 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

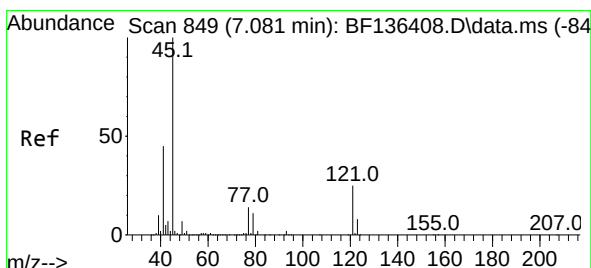
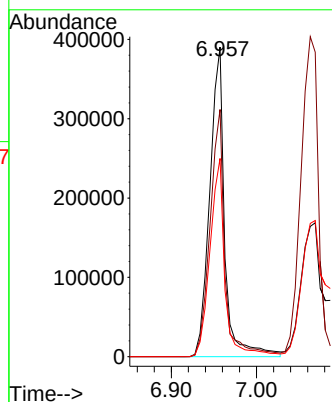
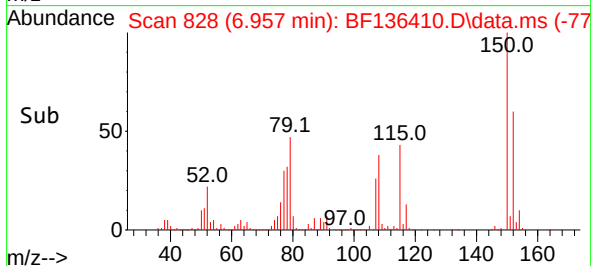
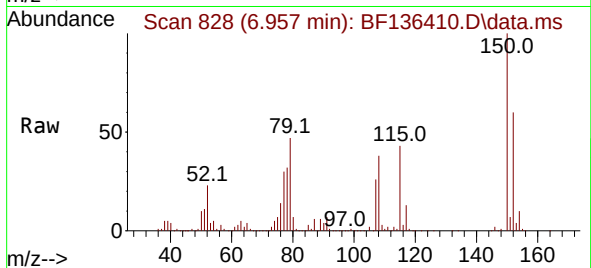
SSTDICC080

Tgt Ion: 79 Resp: 47626
Ion Ratio Lower Upper
79 100
108 79.8 62.3 93.5
77 64.0 49.8 74.8

Manual Integrations

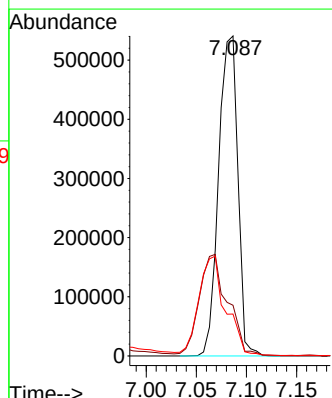
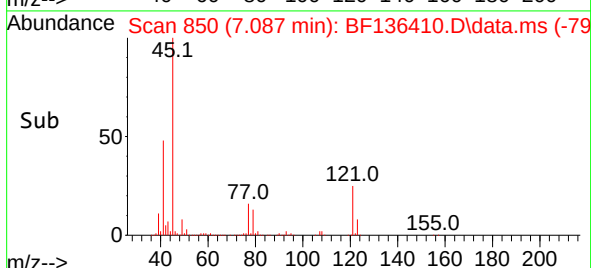
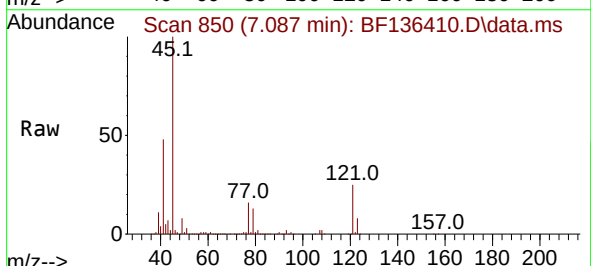
APPROVED

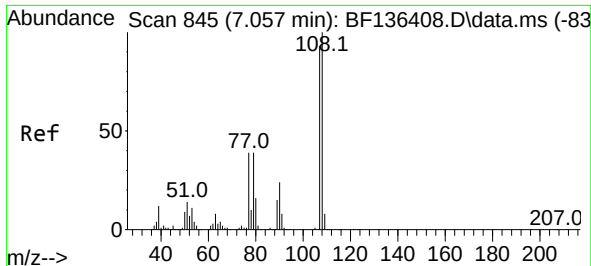
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.279 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion: 45 Resp: 719525
Ion Ratio Lower Upper
45 100
77 15.9 0.0 35.3
79 13.1 0.0 32.5





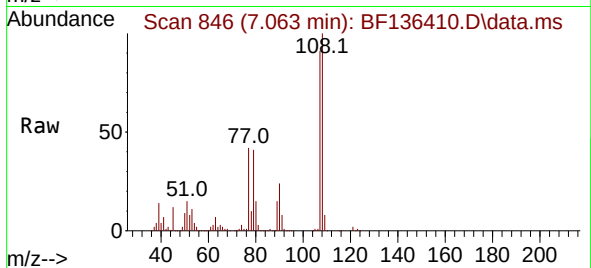
#17
2-Methylphenol
Concen: 75.609 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

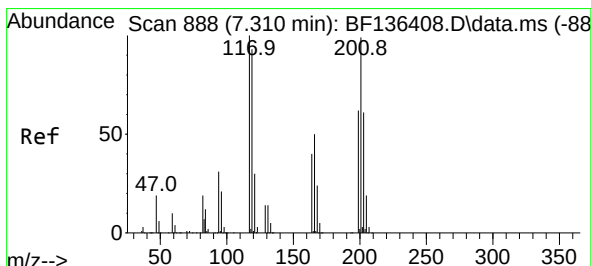
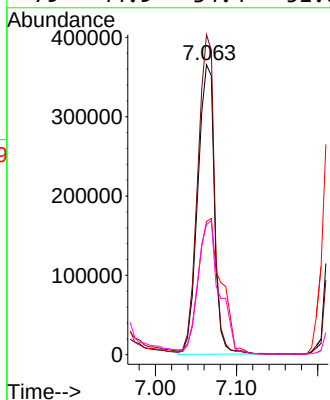
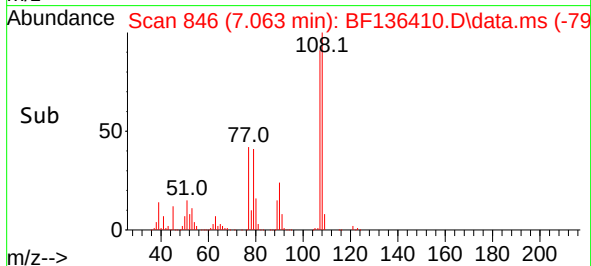


Tgt Ion:107 Resp: 521578
Ion Ratio Lower Upper
107 100
108 110.4 86.5 129.7
77 46.0 33.8 50.8
79 44.9 34.4 51.6

Manual Integrations

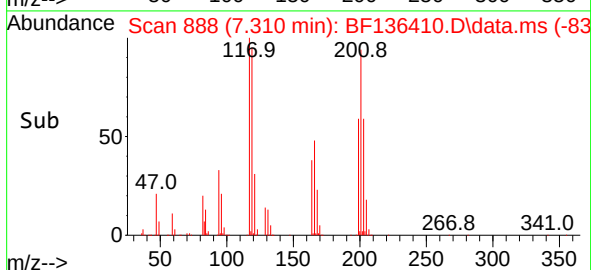
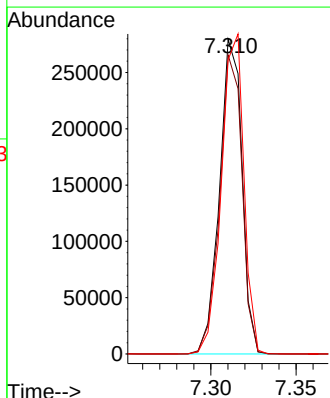
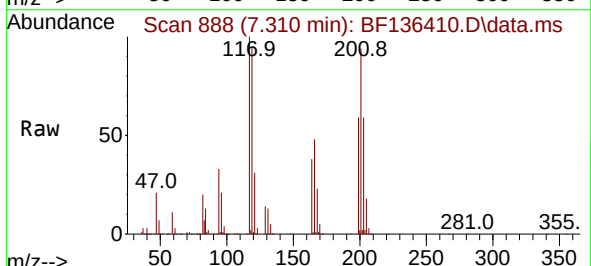
APPROVED

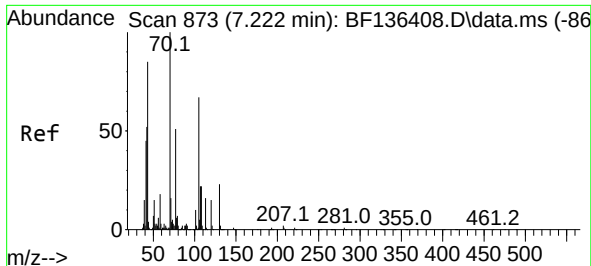
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#18
Hexachloroethane
Concen: 75.649 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:117 Resp: 257274
Ion Ratio Lower Upper
117 100
119 95.0 74.3 111.5
201 93.5 79.3 118.9





#19
n-Nitroso-di-n-propylamine
Concen: 72.742 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

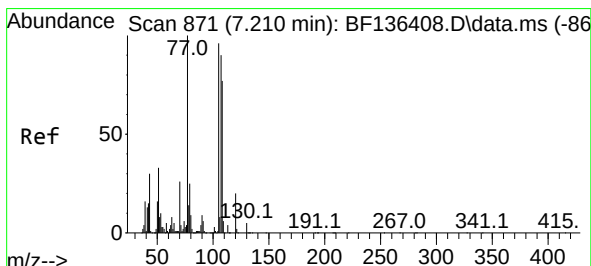
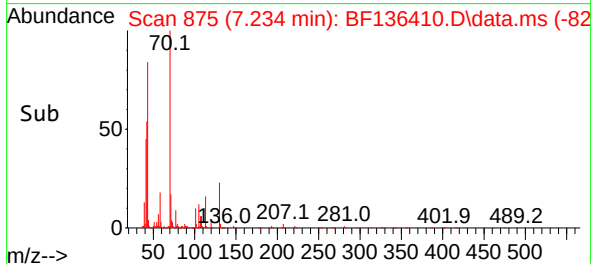
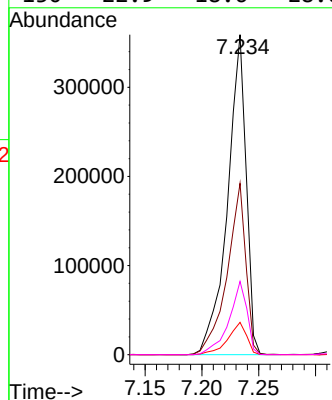
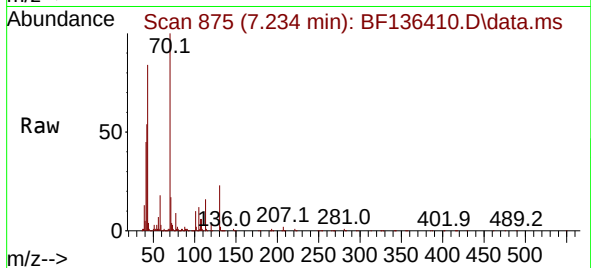
SSTDICC080

Tgt Ion: 70 Resp: 409479
Ion Ratio Lower Upper
70 100
42 53.5 41.4 62.0
101 10.1 8.2 12.4
130 22.9 18.6 28.0

Manual Integrations

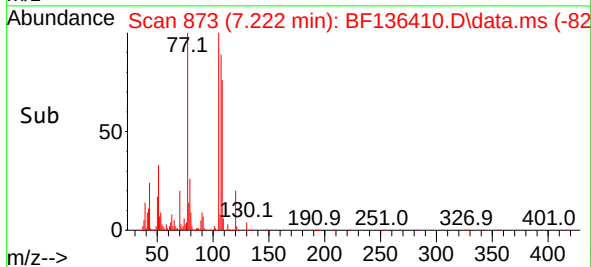
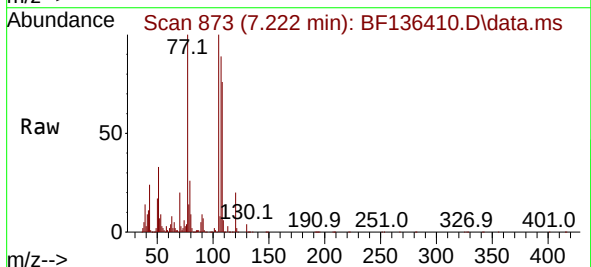
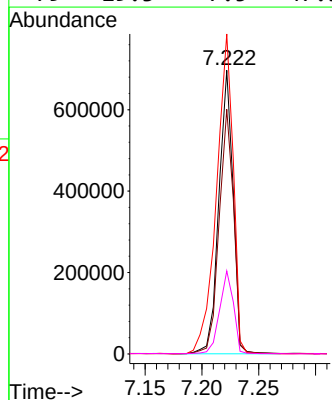
APPROVED

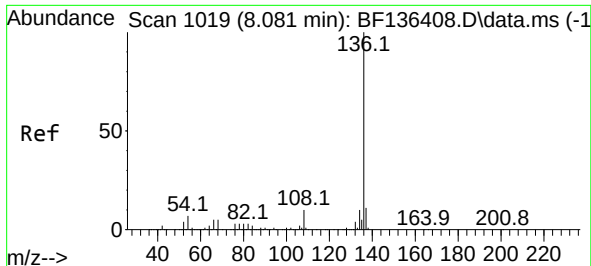
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#20
3+4-Methylphenols
Concen: 70.909 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.012 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:107 Resp: 607157
Ion Ratio Lower Upper
107 100
108 86.3 65.9 105.9
77 112.8 91.7 131.7
79 29.3 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

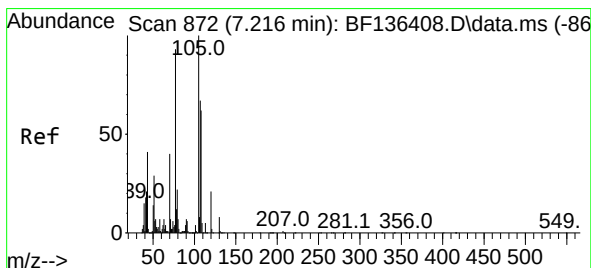
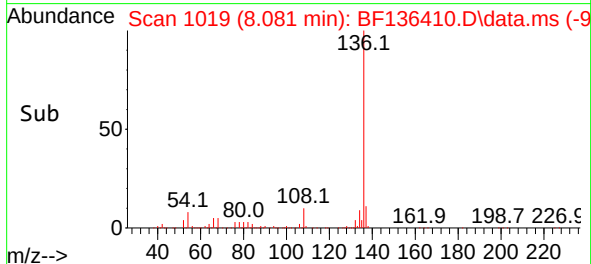
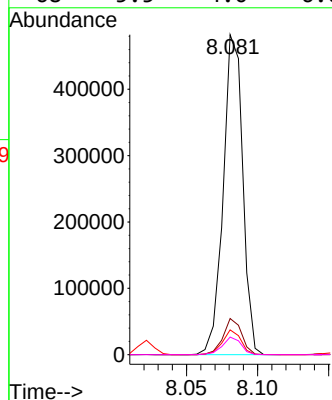
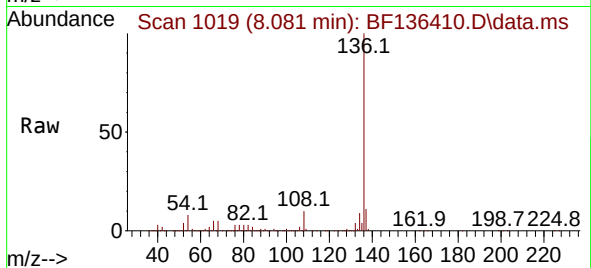
SSTDICC080

Tgt Ion:136 Resp: 460592
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 7.8 5.7 8.5
68 5.5 4.0 6.0

Manual Integrations

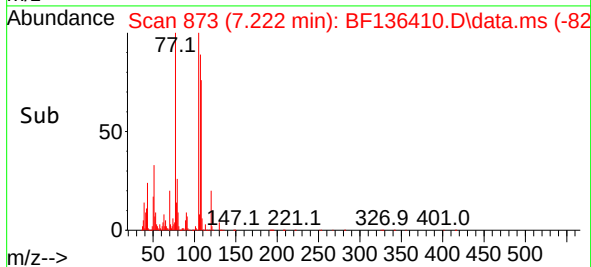
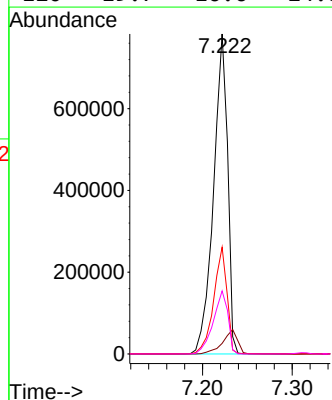
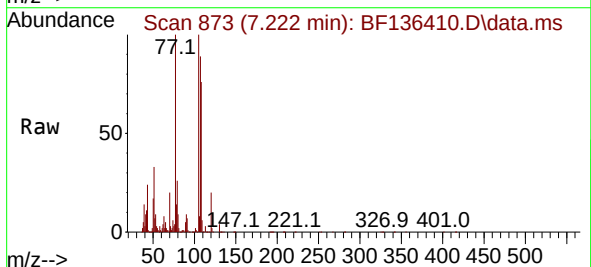
APPROVED

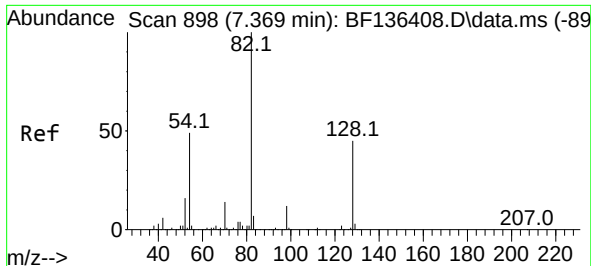
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#22
Acetophenone
Concen: 75.070 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:105 Resp: 853828
Ion Ratio Lower Upper
105 100
71 3.3 5.4 8.0#
51 33.4 23.4 35.2
120 19.7 16.6 24.8





#23

Nitrobenzene-d5

Concen: 153.424 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.012 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1307170

Ion Ratio Lower Upper

82 100

128 47.1 36.3 54.5

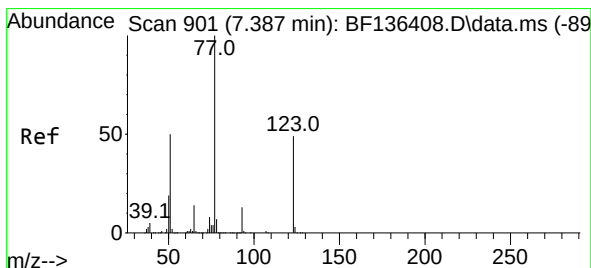
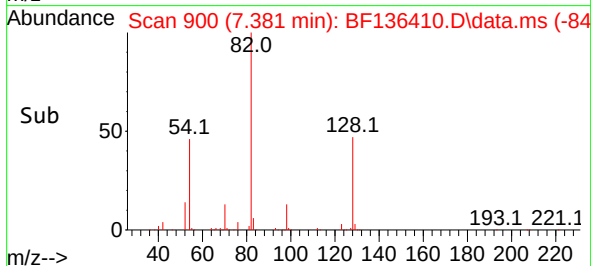
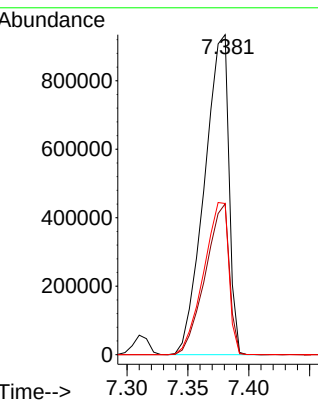
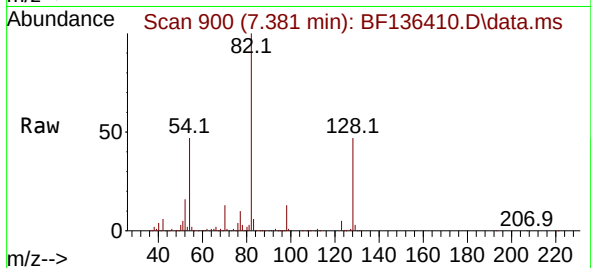
54 47.2 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#24

Nitrobenzene

Concen: 77.605 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.012 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

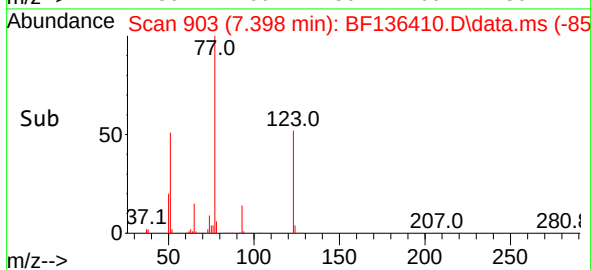
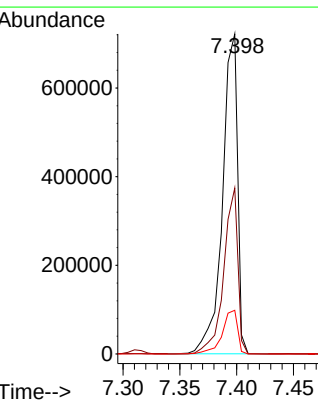
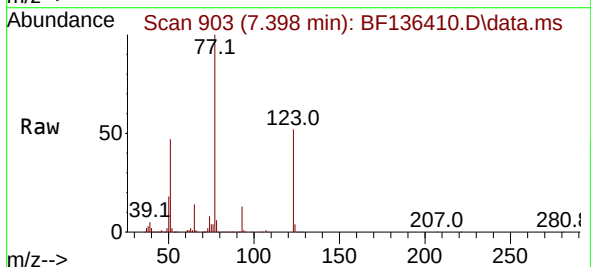
Tgt Ion: 77 Resp: 665145

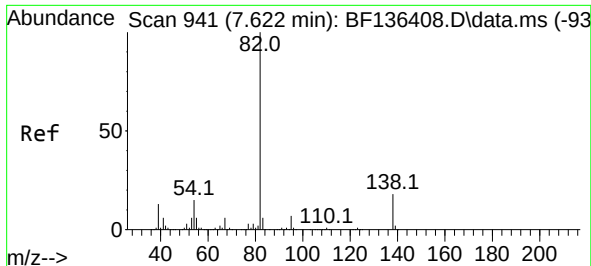
Ion Ratio Lower Upper

77 100

123 51.9 39.0 58.6

65 13.7 11.3 16.9





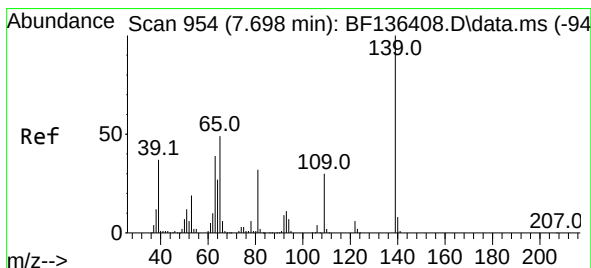
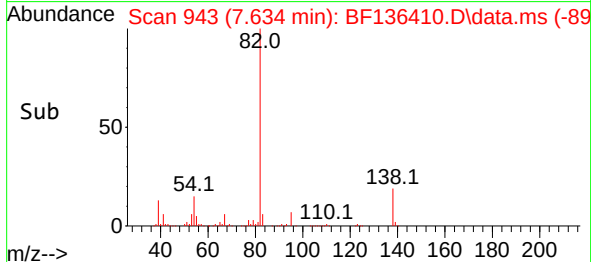
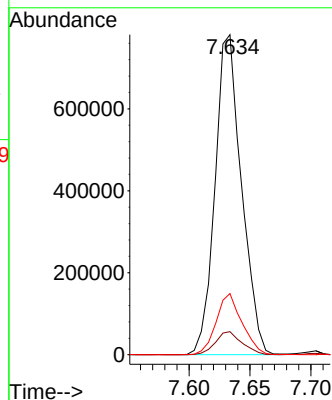
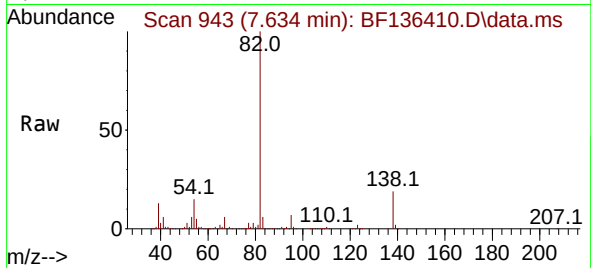
#25
Isophorone
Concen: 77.300 ng
RT: 7.634 min Scan# 941
Delta R.T. 0.012 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1183224
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.1 14.5 21.7

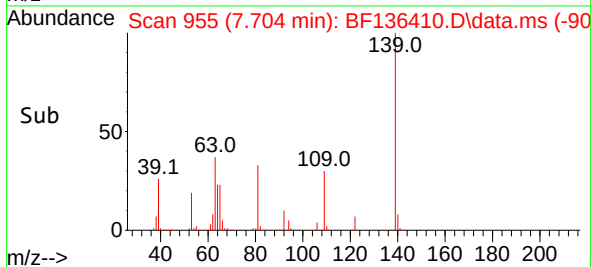
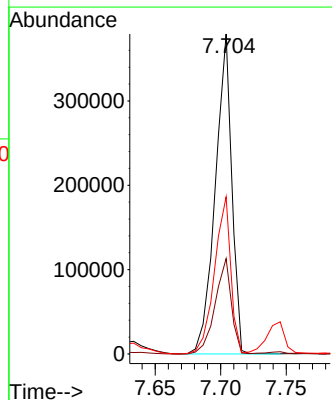
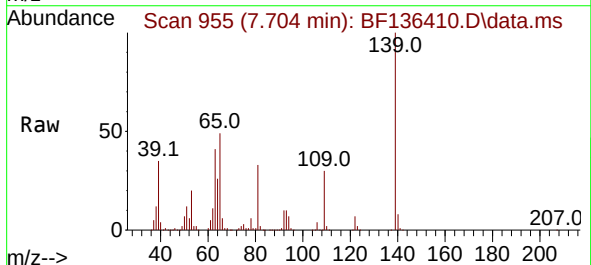
Manual Integrations
APPROVED

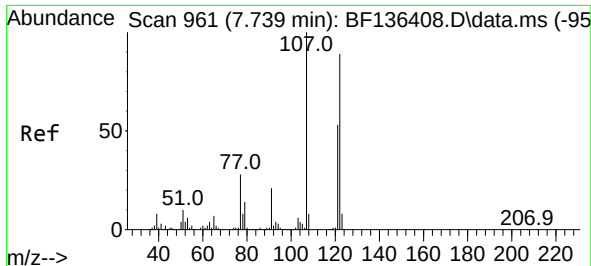
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#26
2-Nitrophenol
Concen: 78.886 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:139 Resp: 332394
Ion Ratio Lower Upper
139 100
109 29.8 23.6 35.4
65 49.1 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 76.243 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 396130

Ion Ratio Lower Upper

122 100

107 114.9 89.3 133.9

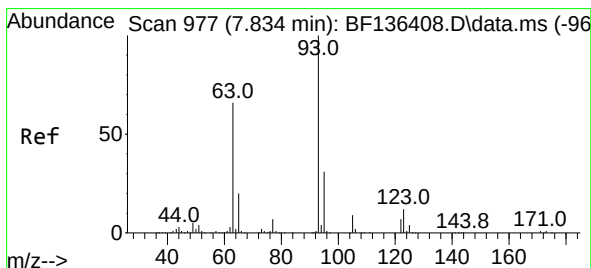
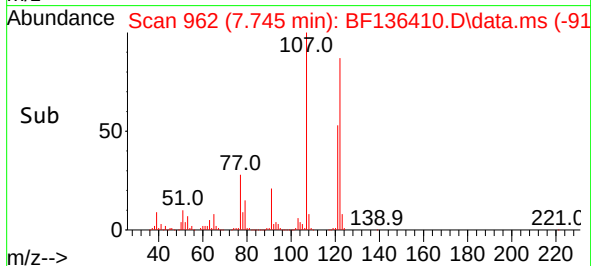
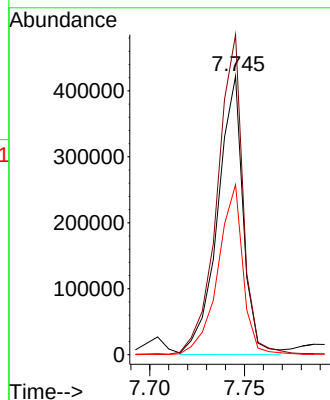
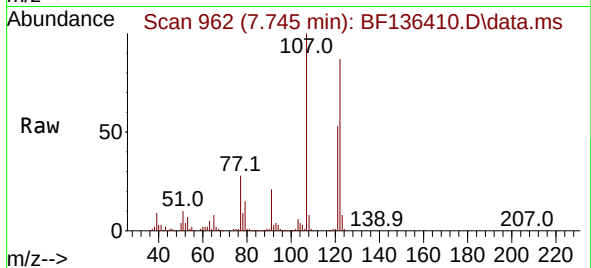
121 61.1 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 75.941 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

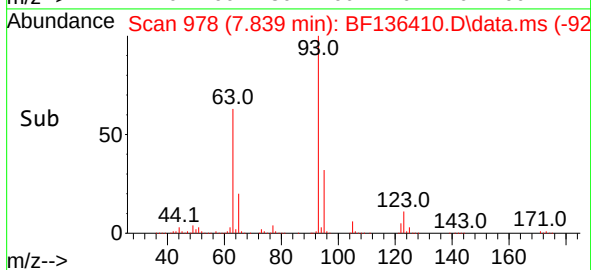
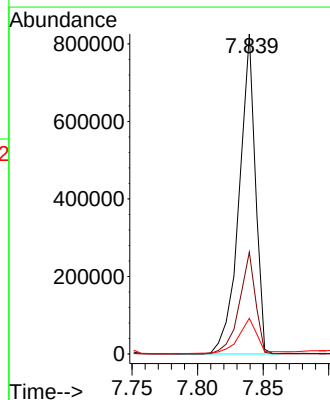
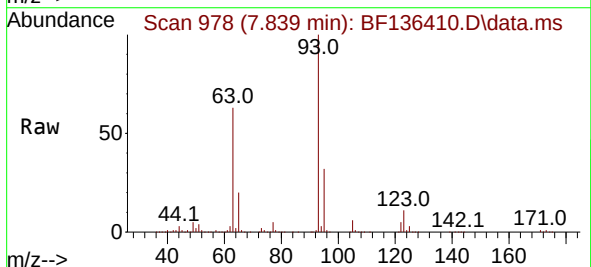
Tgt Ion: 93 Resp: 714288

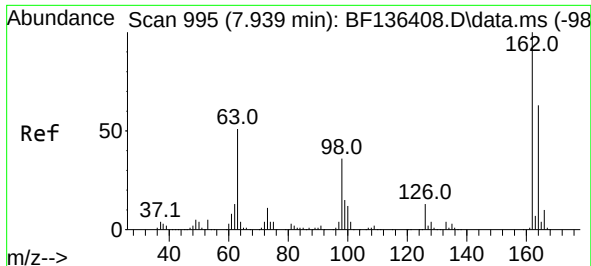
Ion Ratio Lower Upper

93 100

95 31.9 25.0 37.4

123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 77.107 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 528792

Ion Ratio Lower Upper

162 100

164 61.1 43.0 83.0

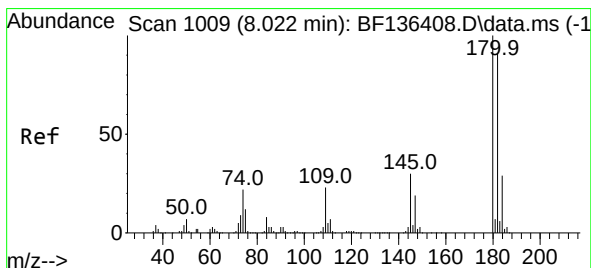
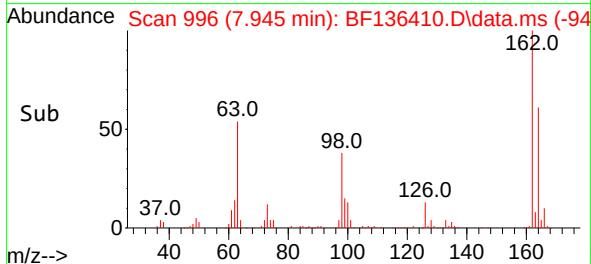
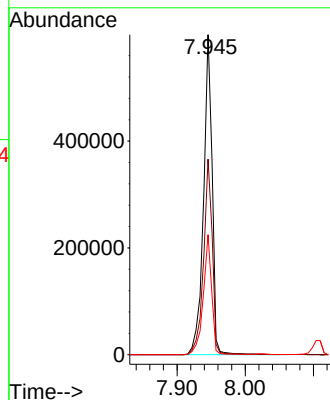
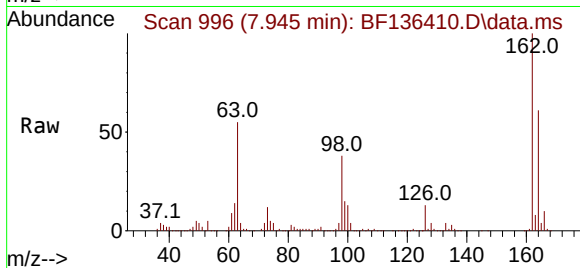
98 37.5 16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 77.638 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

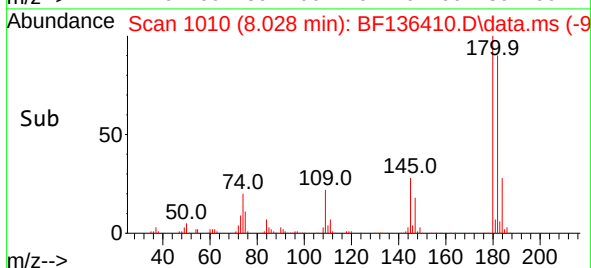
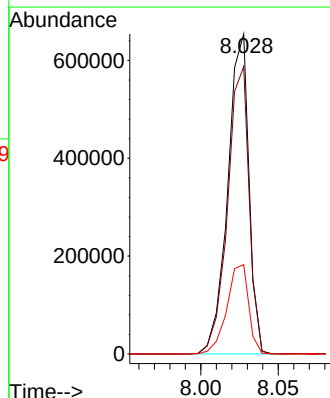
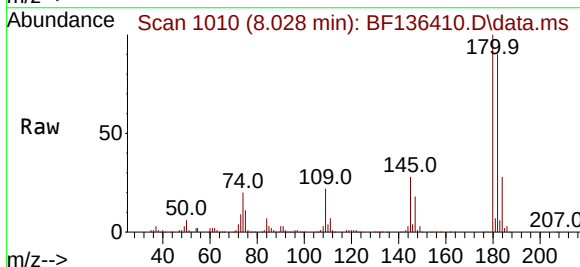
Tgt Ion:180 Resp: 620851

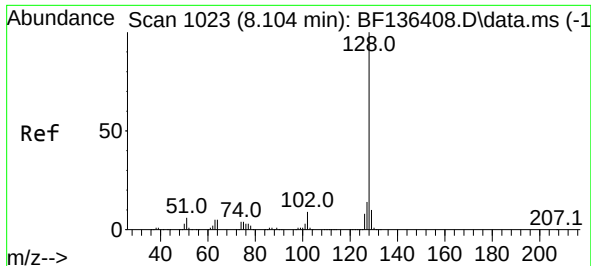
Ion Ratio Lower Upper

180 100

182 89.8 73.1 109.7

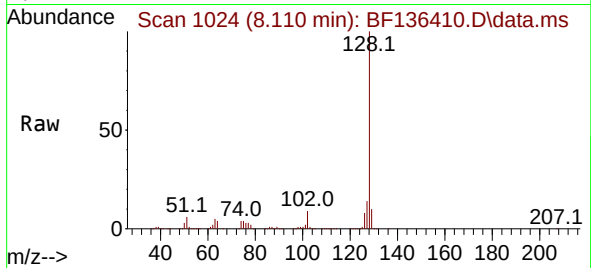
145 27.9 23.8 35.8





#31
Naphthalene
Concen: 75.157 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

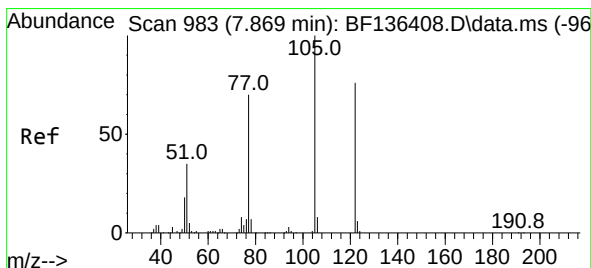
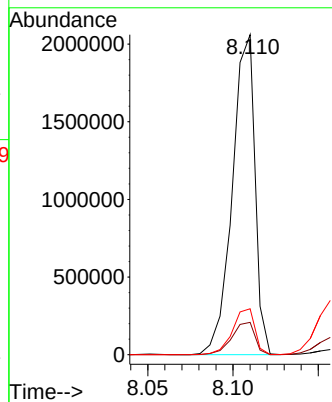
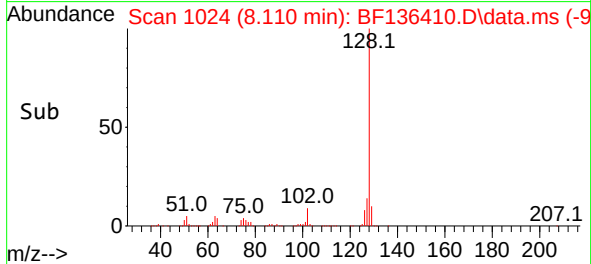
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 190897
Ion Ratio Lower Upper
128 100
129 10.1 8.3 12.5
127 14.4 11.1 16.7

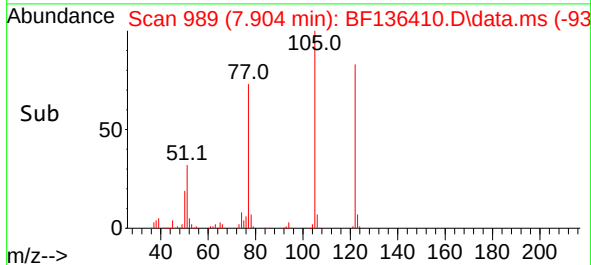
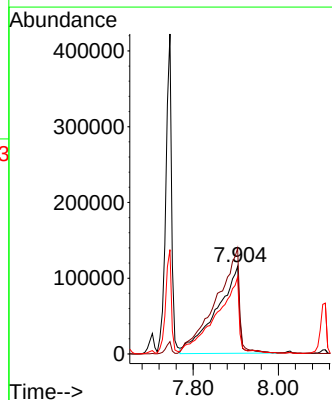
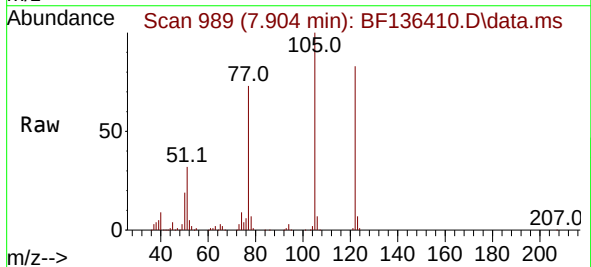
Manual Integrations
APPROVED

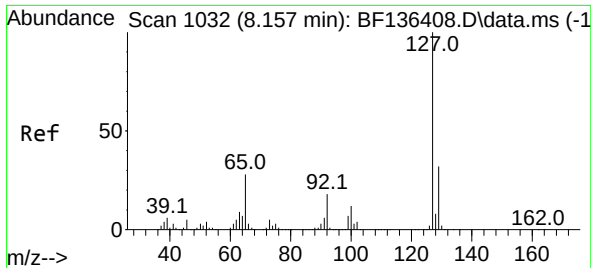
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#32
Benzoic acid
Concen: 83.809 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.035 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:122 Resp: 433004
Ion Ratio Lower Upper
122 100
105 120.8 104.7 144.7
77 88.0 68.5 108.5





#33
4-Chloroaniline
Concen: 75.507 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

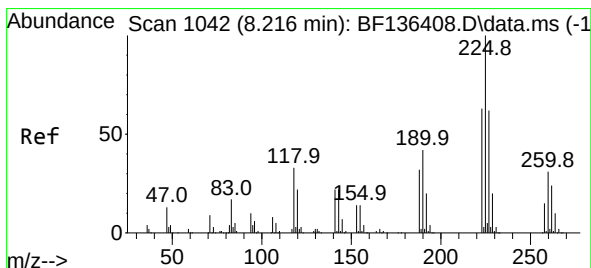
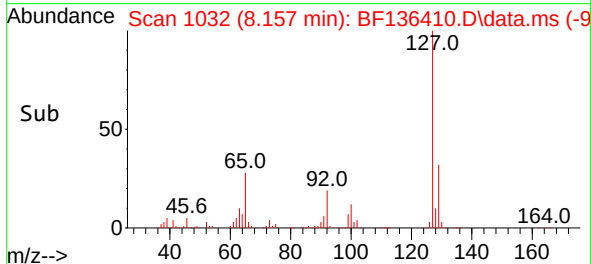
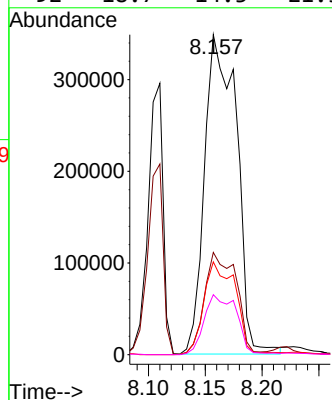
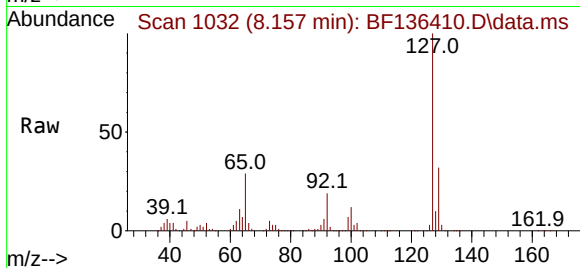
SSTDICC080

Tgt Ion:127 Resp: 683739
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 29.0 22.5 33.7
92 18.7 14.3 21.5

Manual Integrations

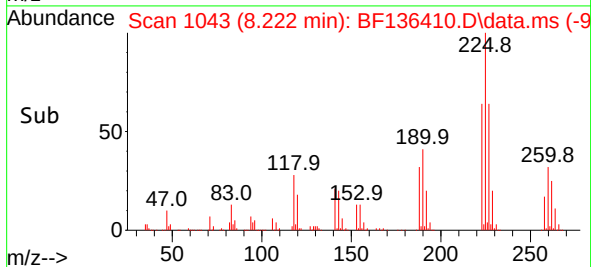
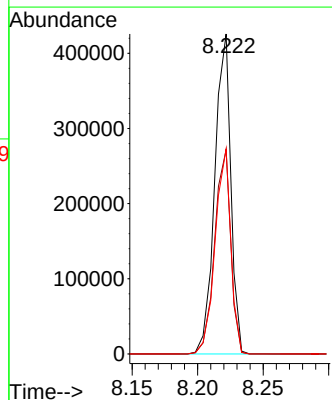
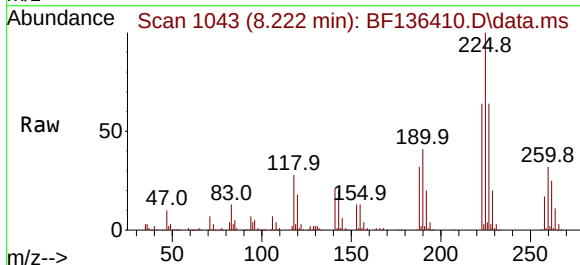
APPROVED

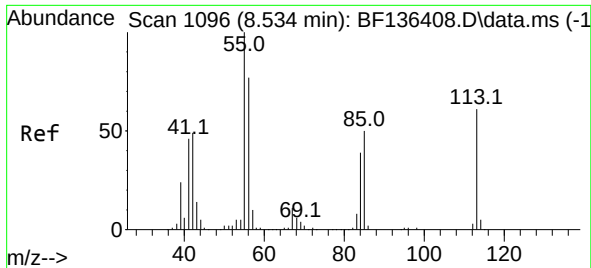
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#34
Hexachlorobutadiene
Concen: 76.256 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

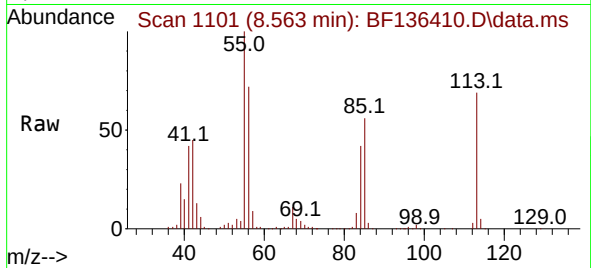
Tgt Ion:225 Resp: 361398
Ion Ratio Lower Upper
225 100
223 63.9 50.8 76.2
227 64.1 49.8 74.8





#35
Caprolactam
Concen: 76.417 ng m
RT: 8.563 min Scan# 1110
Delta R.T. 0.029 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

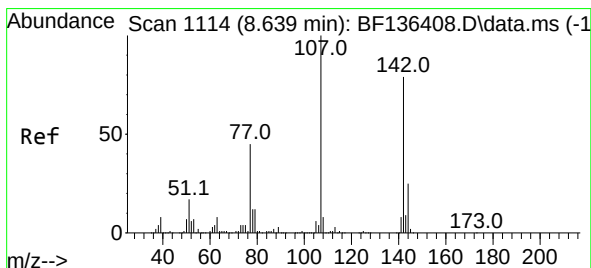
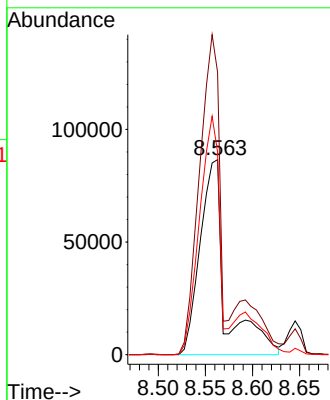
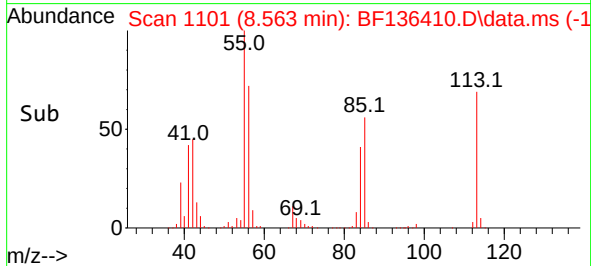
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 161380
Ion Ratio Lower Upper
113 100
55 144.8 143.7 183.7
56 103.9 105.2 145.2

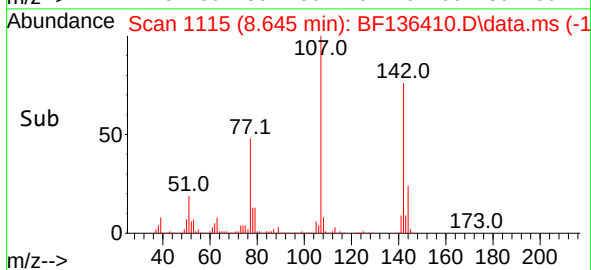
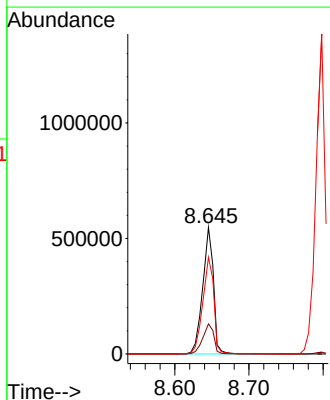
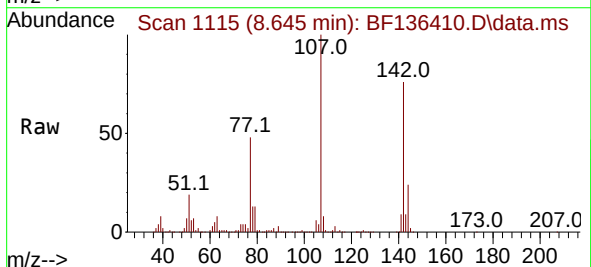
Manual Integrations
APPROVED

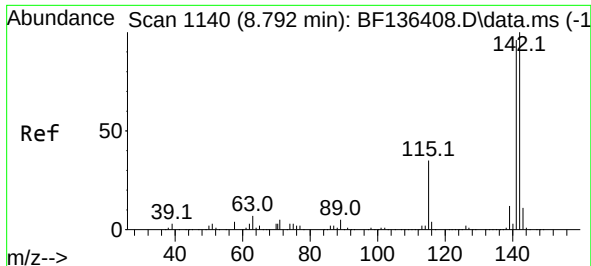
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#36
4-Chloro-3-methylphenol
Concen: 76.116 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:107 Resp: 554248
Ion Ratio Lower Upper
107 100
144 23.8 20.1 30.1
142 76.3 63.1 94.7





#37

2-Methylnaphthalene

Concen: 73.974 ng

RT: 8.798 min Scan# 1140

Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 1195349

Ion Ratio Lower Upper

142 100

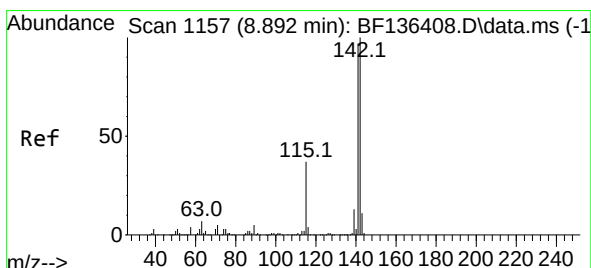
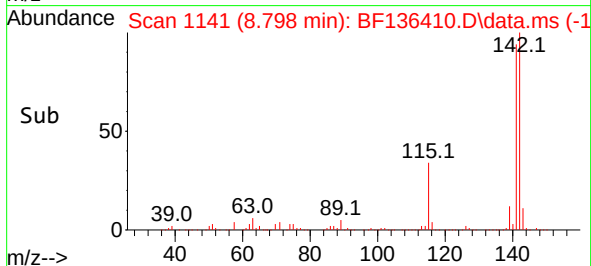
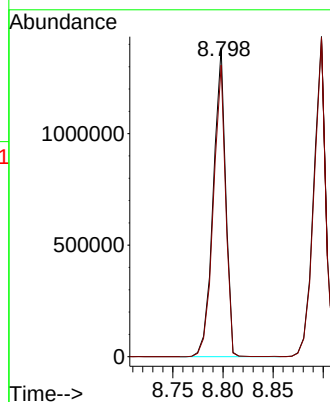
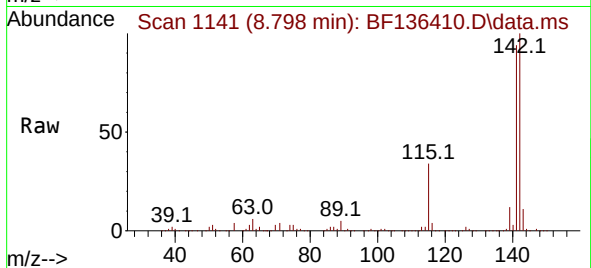
141 94.3 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#38

1-Methylnaphthalene

Concen: 73.288 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF136410.D

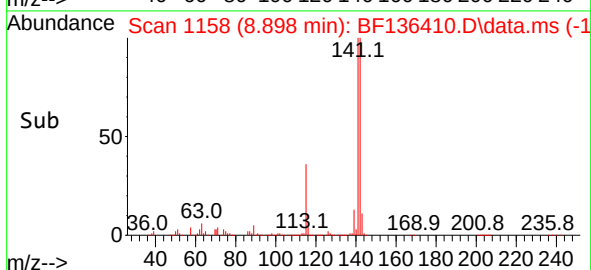
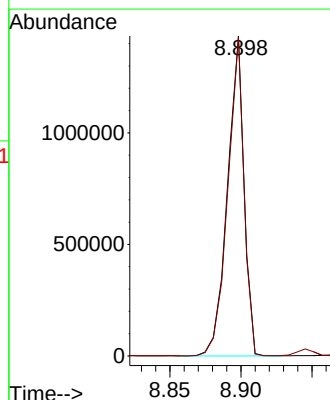
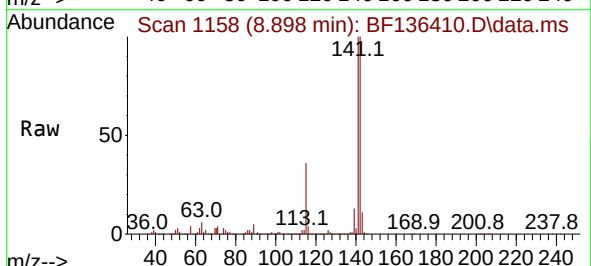
Acq: 05 Dec 2023 17:09

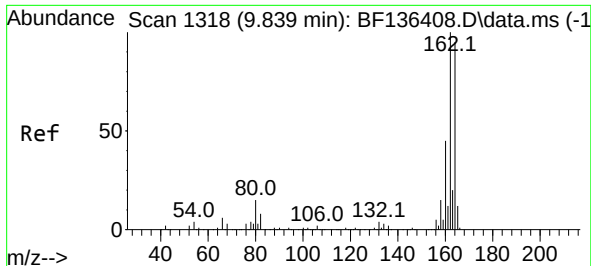
Tgt Ion:142 Resp: 1162095

Ion Ratio Lower Upper

142 100

141 99.7 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF136410.D

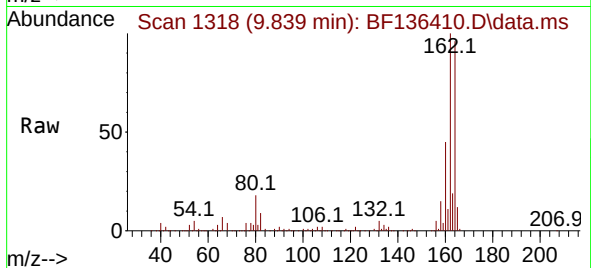
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



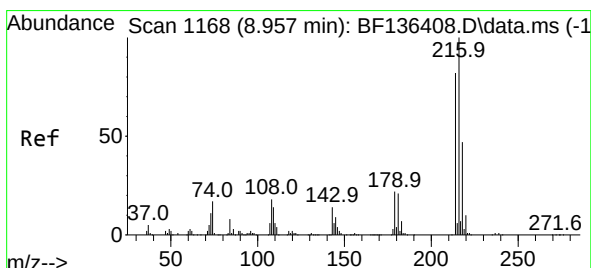
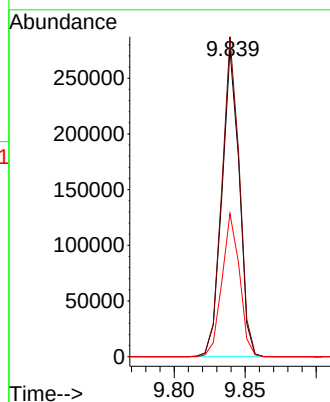
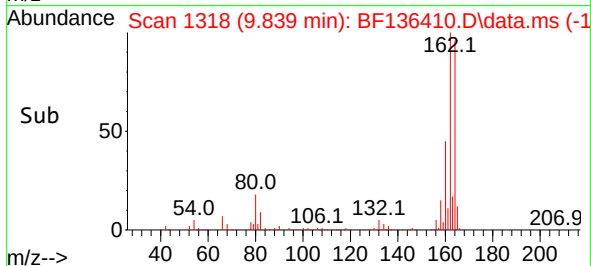
Tgt Ion:164	Resp:	23331
Ion Ratio	Lower	Upper
164	100	
162	104.2	84.4 126.6
160	46.6	37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 77.210 ng

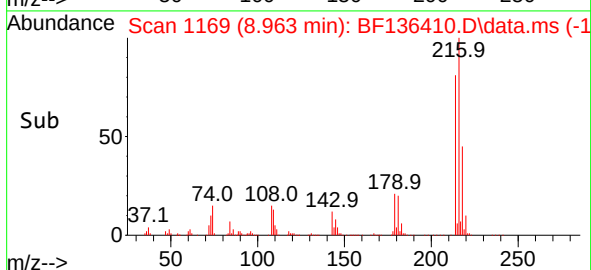
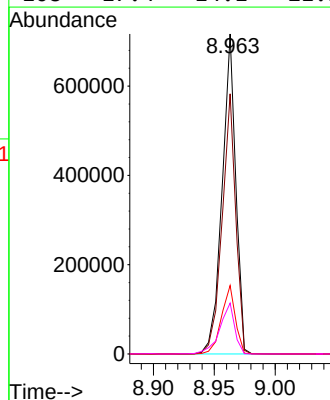
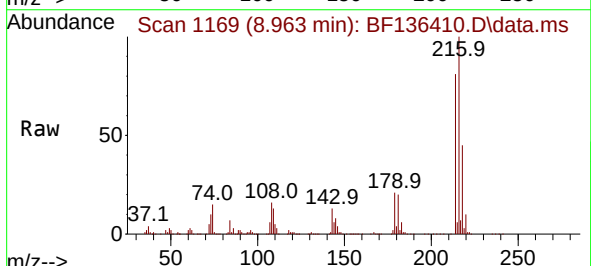
RT: 8.963 min Scan# 1169

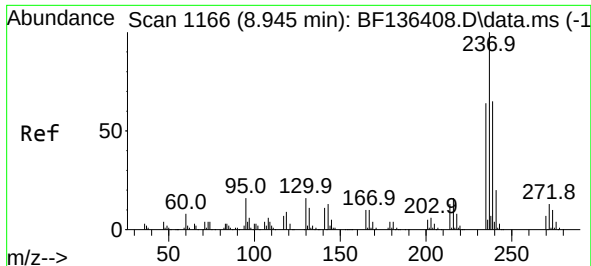
Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

Tgt Ion:216	Resp:	560442
Ion Ratio	Lower	Upper
216	100	
214	81.0	64.1 96.1
179	21.7	17.0 25.6
108	17.4	14.1 21.1





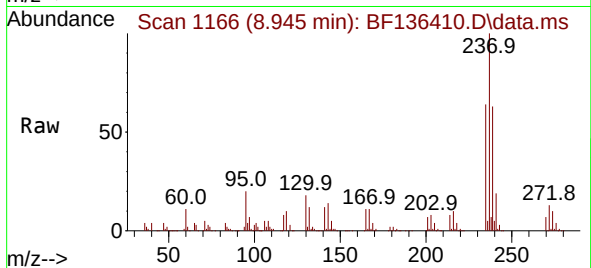
#41
Hexachlorocyclopentadiene
Concen: 86.186 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

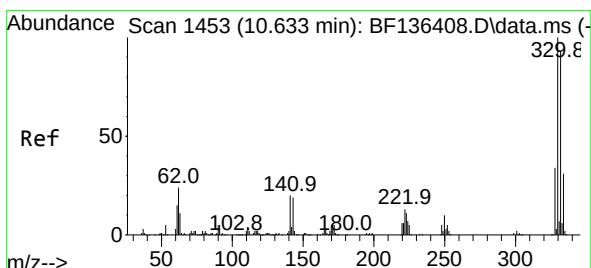
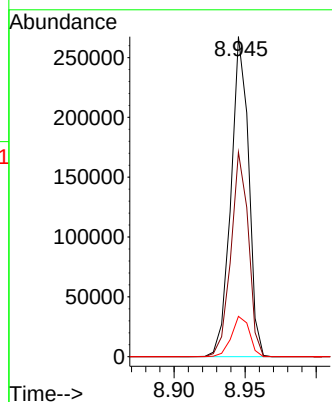
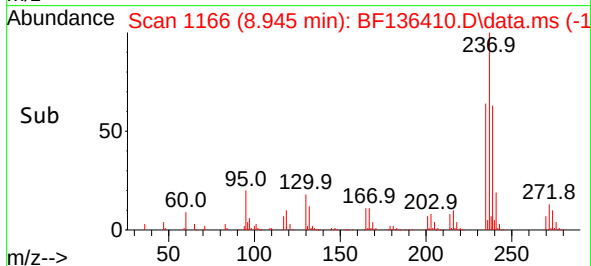


Tgt Ion:237 Resp: 231769
Ion Ratio Lower Upper
237 100
235 63.9 44.1 84.1
272 12.6 0.0 33.3

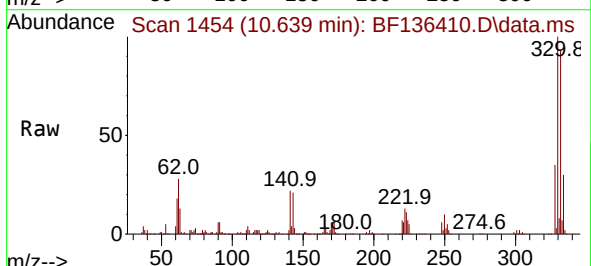
Manual Integrations

APPROVED

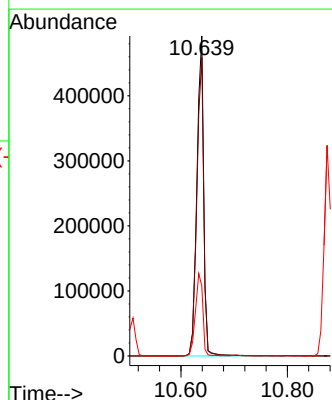
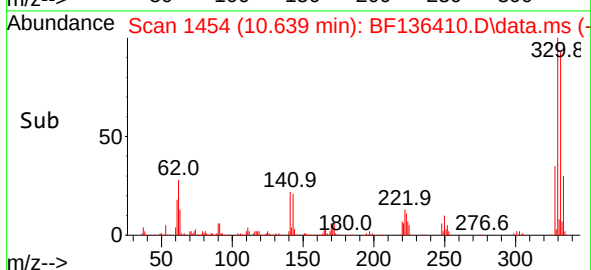
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

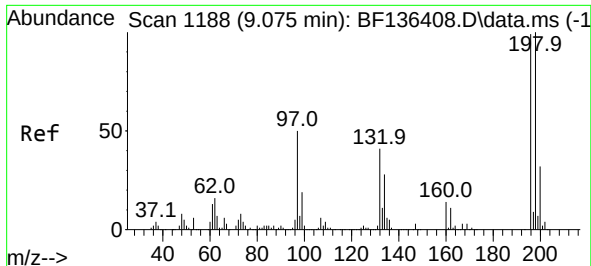


#42
2,4,6-Tribromophenol
Concen: 152.021 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09



Tgt Ion:330 Resp: 437328
Ion Ratio Lower Upper
330 100
332 94.0 76.4 114.6
141 27.8 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 78.094 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 369099

Ion Ratio Lower Upper

196 100

198 96.6 80.4 120.6

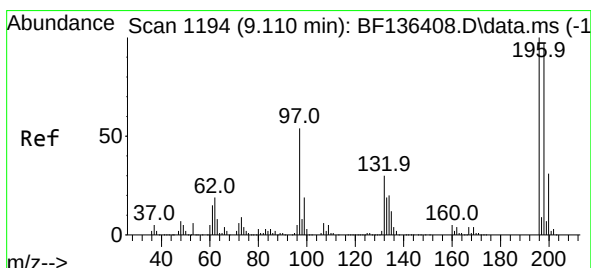
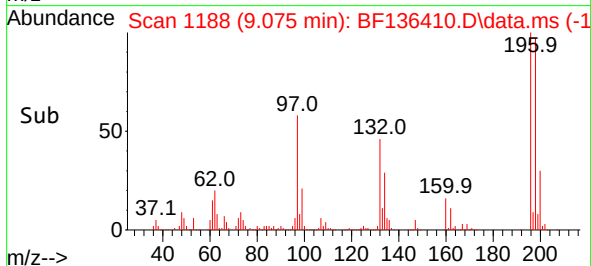
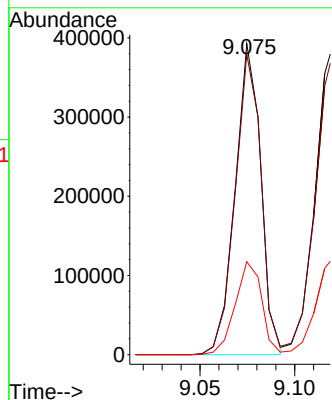
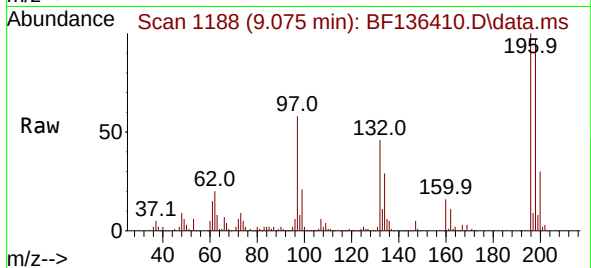
200 29.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#44

2,4,5-Trichlorophenol

Concen: 78.380 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.012 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

Tgt Ion:196 Resp: 413458

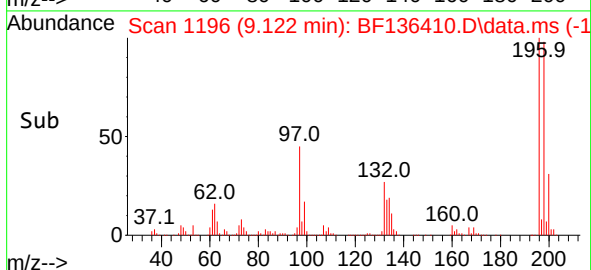
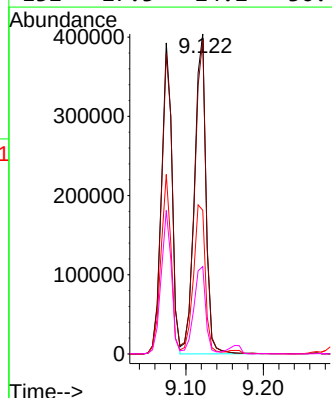
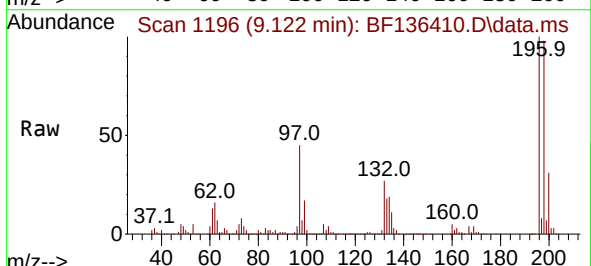
Ion Ratio Lower Upper

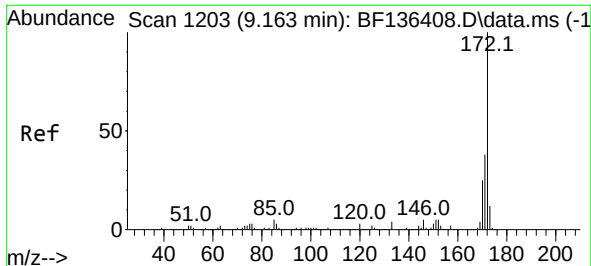
196 100

198 98.2 78.1 117.1

97 44.9 43.4 65.2

132 27.3 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 145.359 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:172 Resp: 248546

Ion Ratio Lower Upper

172 100

171 39.4 30.5 45.7

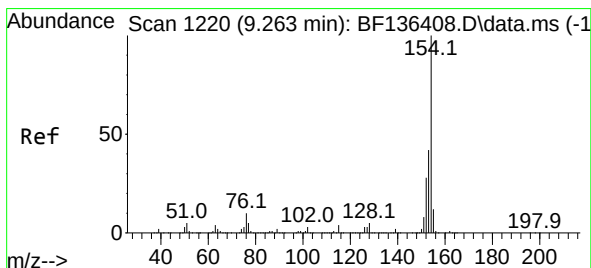
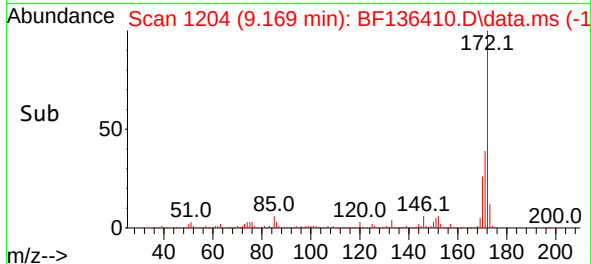
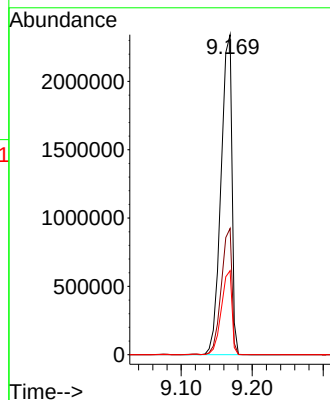
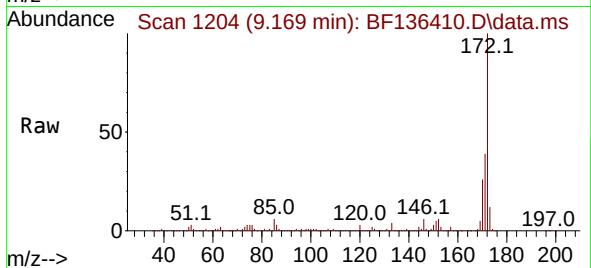
170 26.2 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#46

1,1'-Biphenyl

Concen: 75.614 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

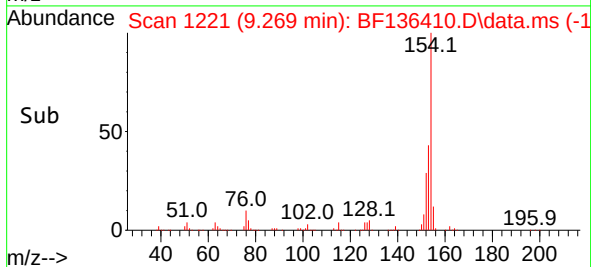
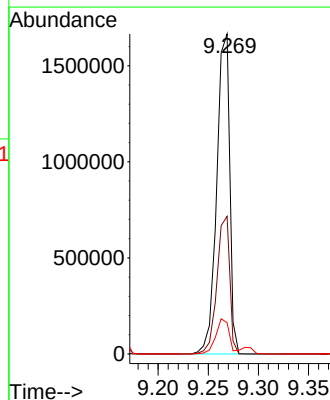
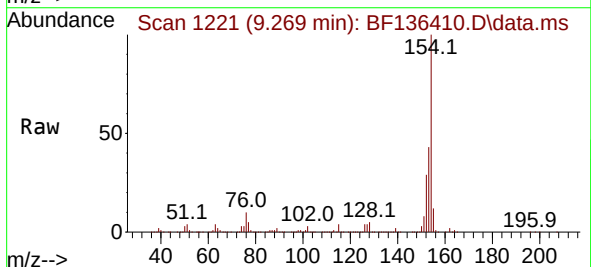
Tgt Ion:154 Resp: 1501136

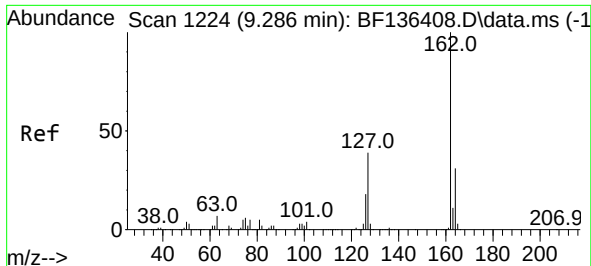
Ion Ratio Lower Upper

154 100

153 43.0 22.5 62.5

76 9.7 0.0 29.9





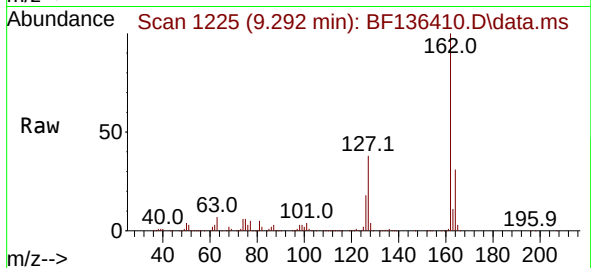
#47
2-Chloronaphthalene
Concen: 76.482 ng
RT: 9.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

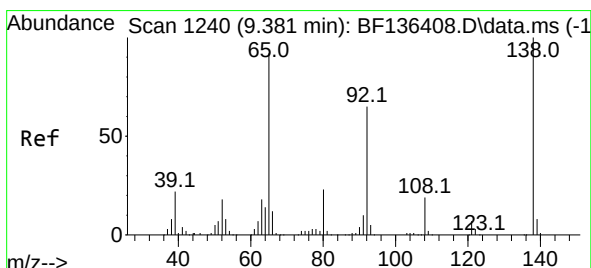
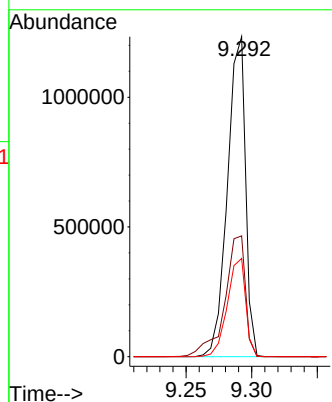
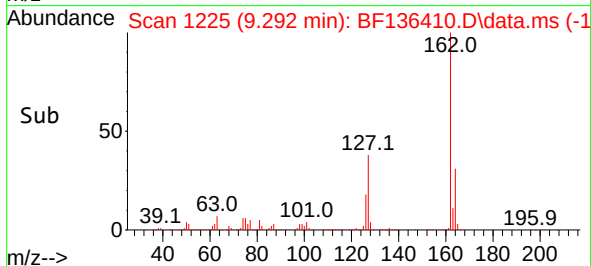


Tgt Ion:162 Resp: 118176
Ion Ratio Lower Upper
162 100
127 37.7 31.1 46.7
164 30.7 24.6 37.0

Manual Integrations

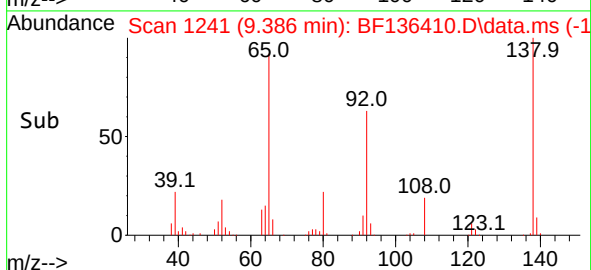
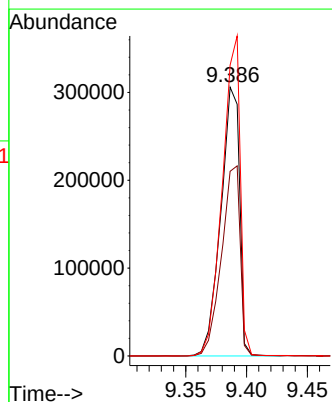
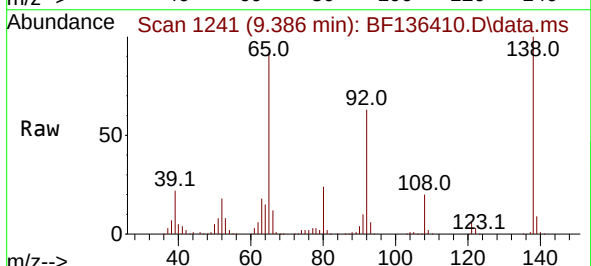
APPROVED

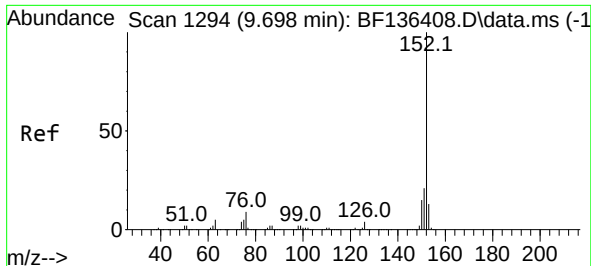
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#48
2-Nitroaniline
Concen: 79.356 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion: 65 Resp: 328868
Ion Ratio Lower Upper
65 100
92 68.7 56.1 84.1
138 108.3 86.7 130.1





#49
Acenaphthylene
Concen: 74.830 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

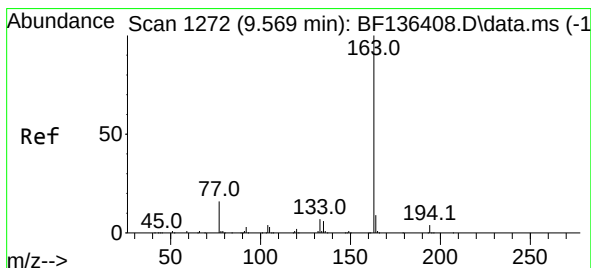
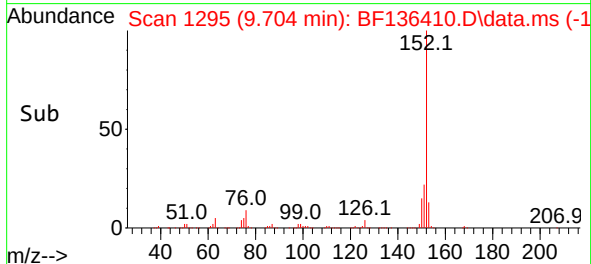
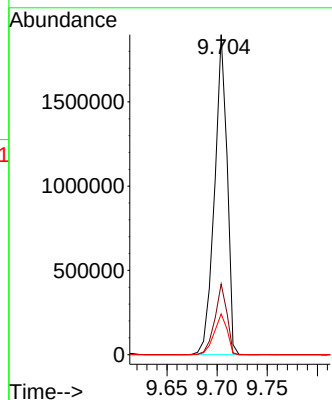
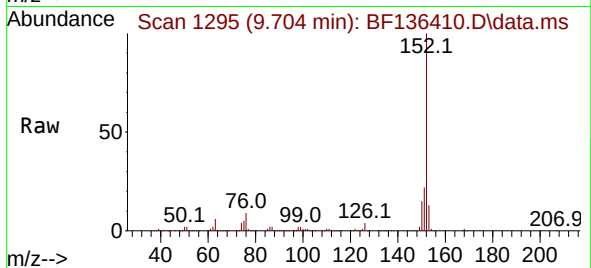
SSTDICC080

Tgt Ion:152 Resp: 164711
Ion Ratio Lower Upper
152 100
151 22.1 17.2 25.8
153 12.8 10.6 15.8

Manual Integrations

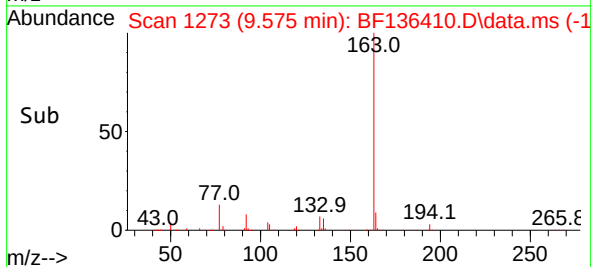
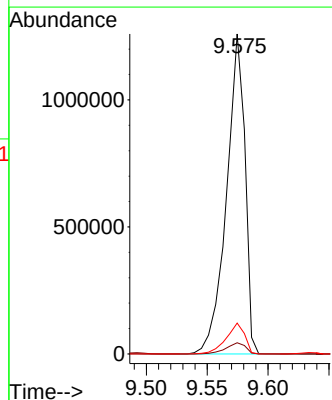
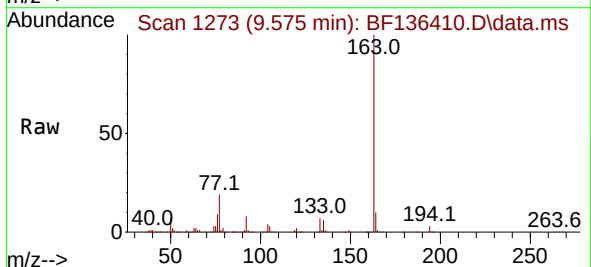
APPROVED

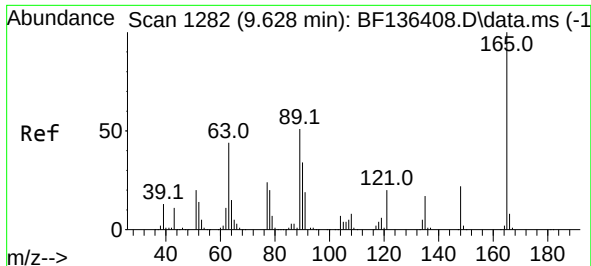
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#50
Dimethylphthalate
Concen: 77.172 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:163 Resp: 1325599
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 9.6 7.4 11.2





#51
2,6-Dinitrotoluene
Concen: 78.361 ng
RT: 9.633 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

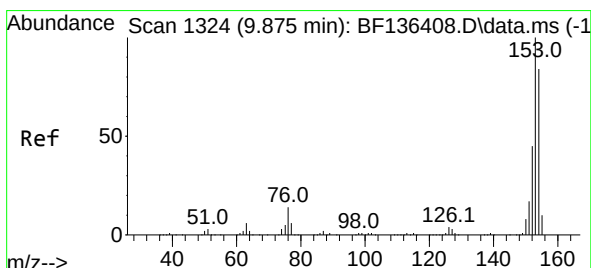
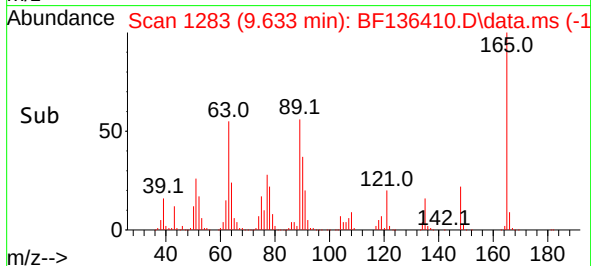
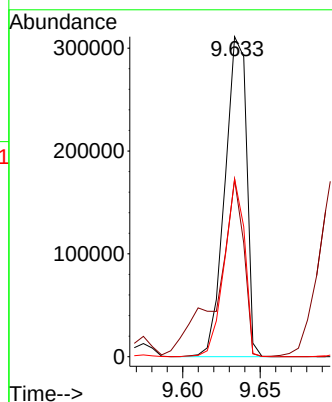
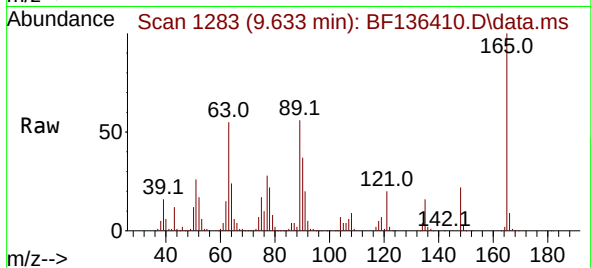
SSTDICC080

Tgt Ion:165 Resp: 30282
Ion Ratio Lower Upper
165 100
63 55.4 40.4 60.6
89 55.6 40.6 60.8

Manual Integrations

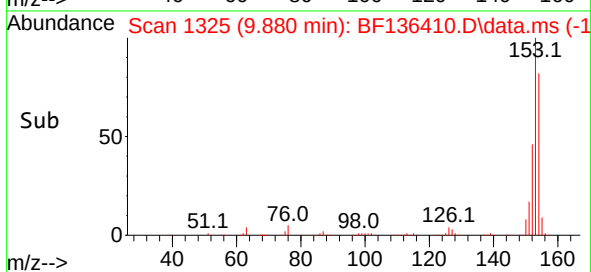
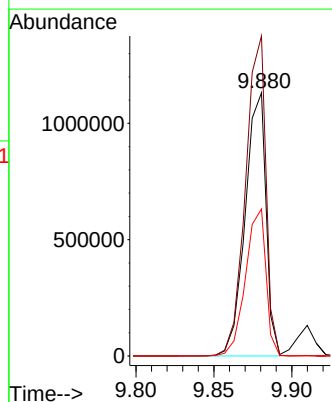
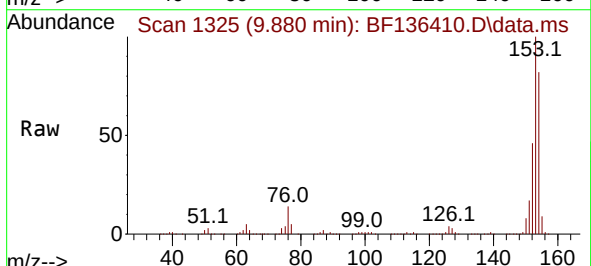
APPROVED

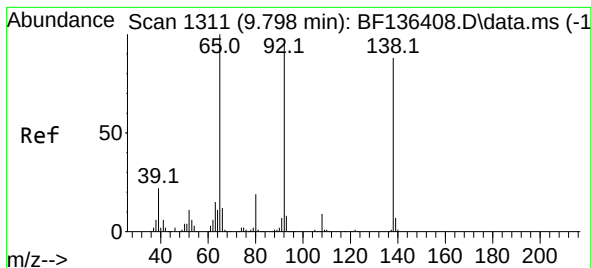
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#52
Acenaphthene
Concen: 74.484 ng m
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:154 Resp: 1050389
Ion Ratio Lower Upper
154 100
153 121.6 95.3 142.9
152 55.9 43.2 64.8





#53
3-Nitroaniline
Concen: 77.394 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

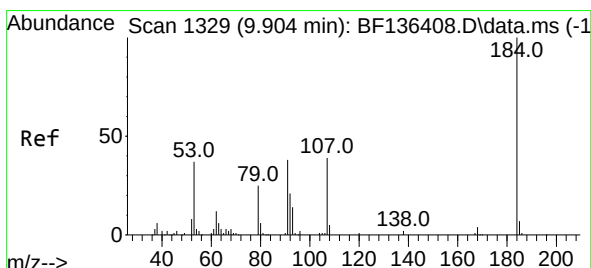
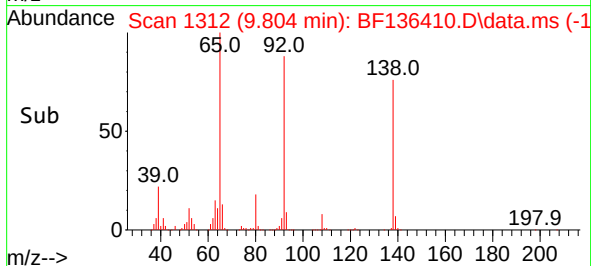
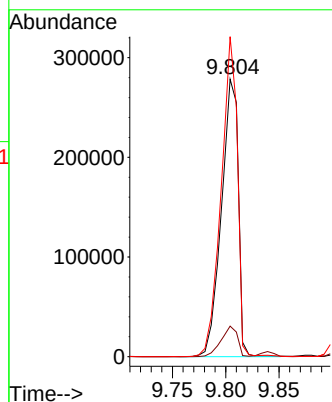
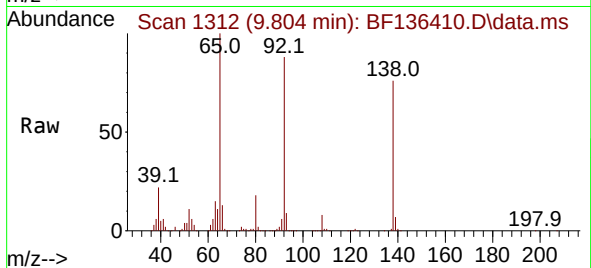
SSTDICC080

Tgt Ion:138 Resp: 30541
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 115.4 86.1 129.1

Manual Integrations

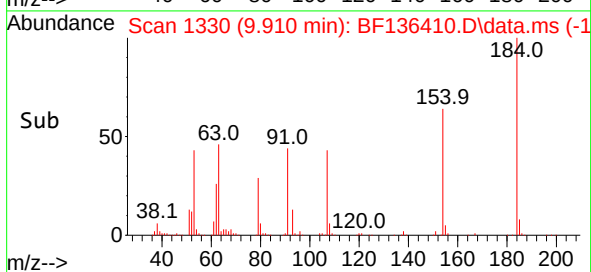
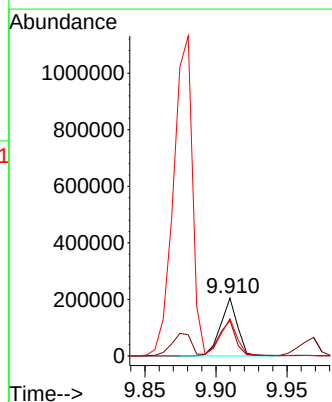
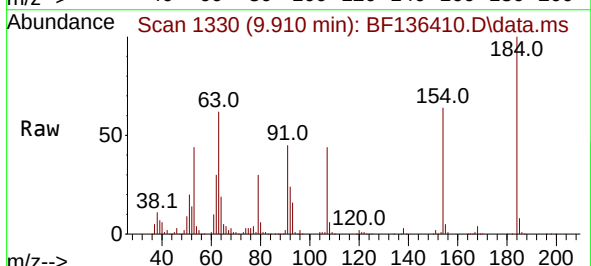
APPROVED

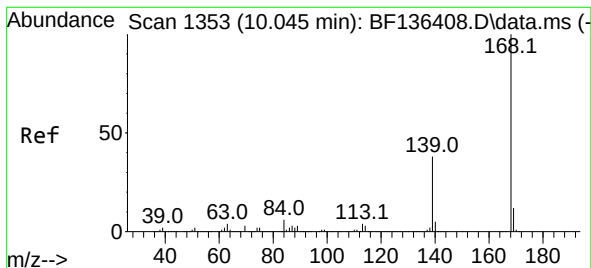
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#54
2,4-Dinitrophenol
Concen: 86.926 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:184 Resp: 169839
Ion Ratio Lower Upper
184 100
63 61.6 39.1 58.7#
154 64.5 49.9 74.9





#55

Dibenzenofuran

Concen: 72.915 ng

RT: 10.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:168 Resp: 1502466

Ion Ratio Lower Upper

168 100

139 36.8 30.4 45.6

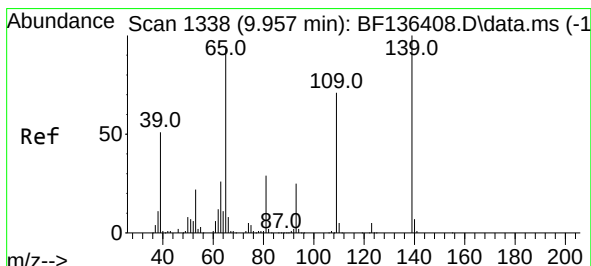
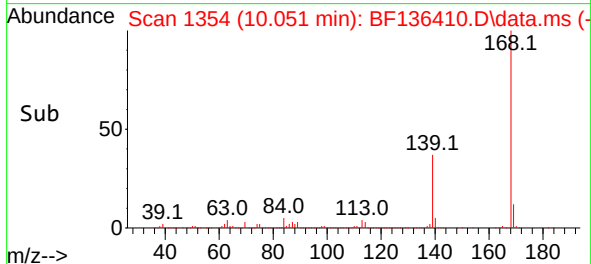
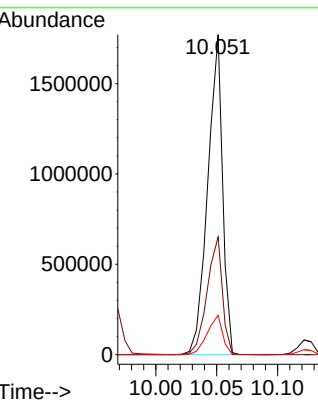
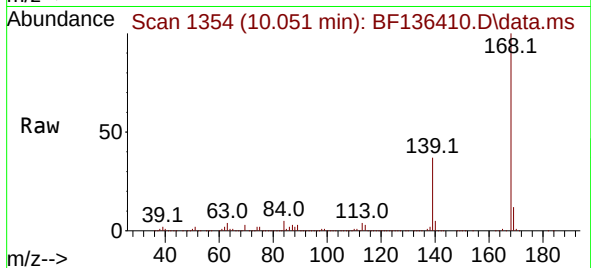
169 12.3 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#56

4-Nitrophenol

Concen: 79.258 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

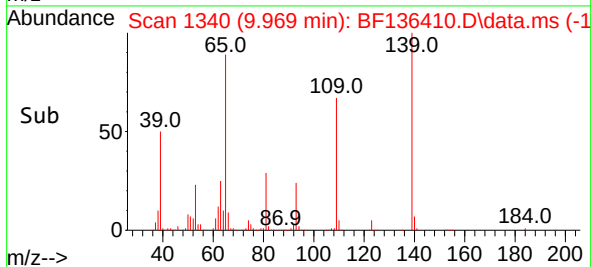
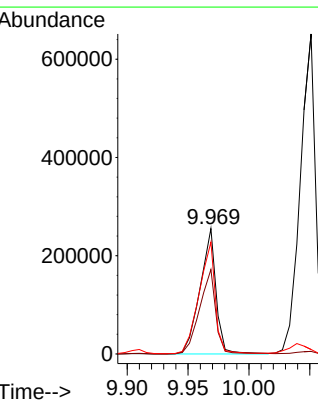
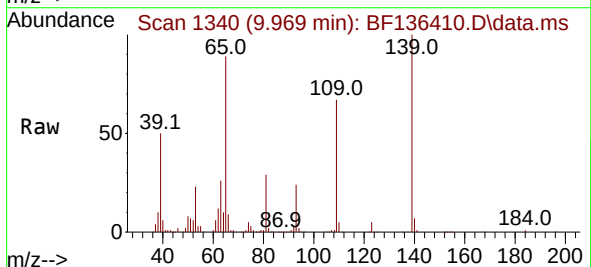
Tgt Ion:139 Resp: 234466

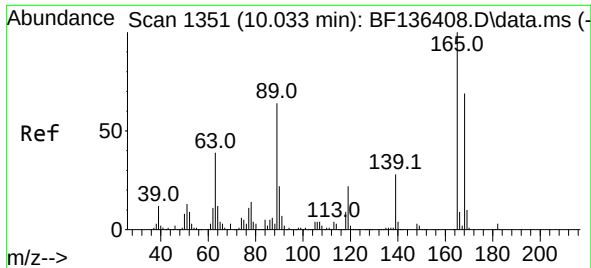
Ion Ratio Lower Upper

139 100

109 67.3 50.6 90.6

65 89.2 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 76.655 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

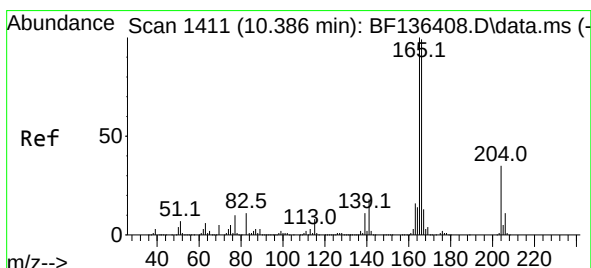
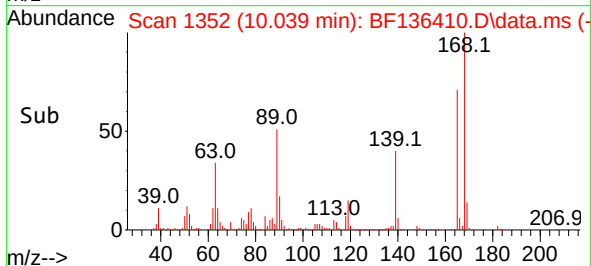
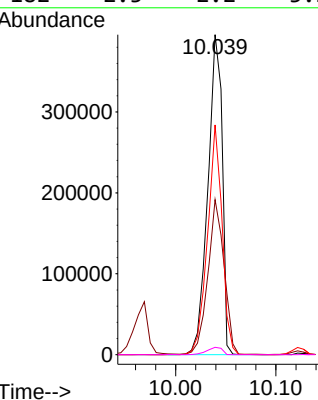
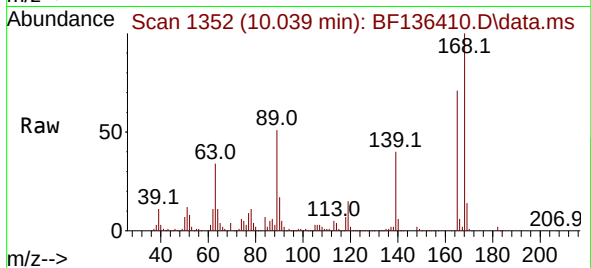
SSTDICC080

Tgt Ion:165 Resp: 391870
Ion Ratio Lower Upper
165 100
63 48.5 31.4 47.2
89 71.8 51.7 77.5
182 2.3 2.2 3.2

Manual Integrations

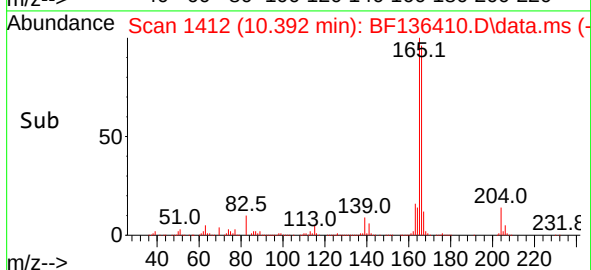
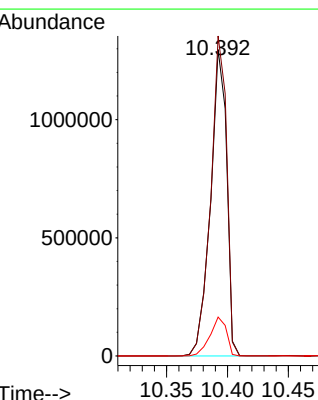
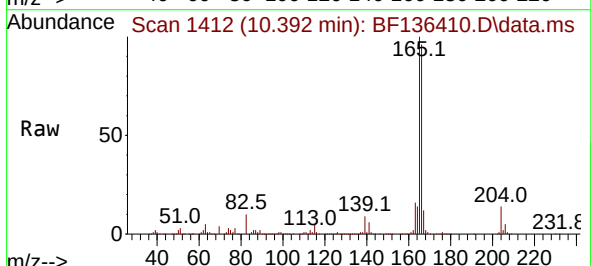
APPROVED

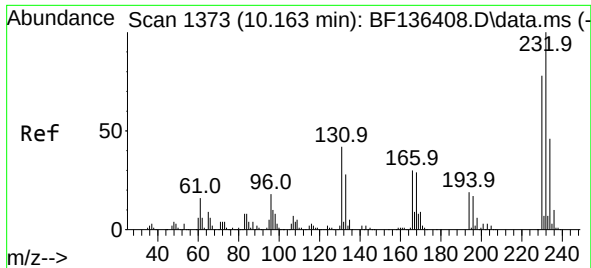
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#58
Fluorene
Concen: 72.510 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

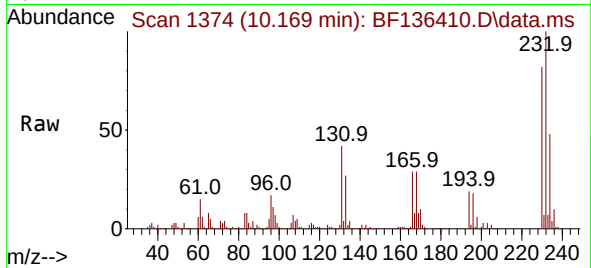
Tgt Ion:166 Resp: 1199382
Ion Ratio Lower Upper
166 100
165 104.5 80.5 120.7
167 12.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 74.639 ng
RT: 10.169 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

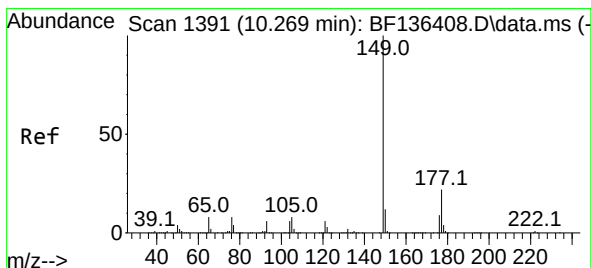
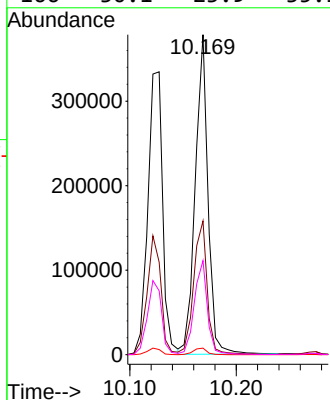
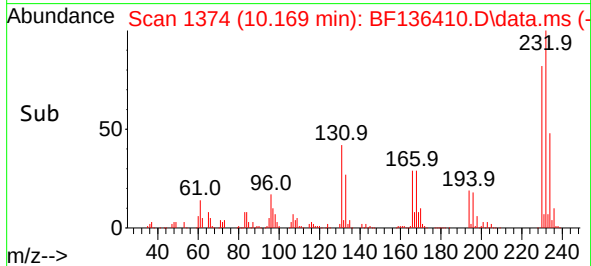
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:232 Resp: 31538
Ion Ratio Lower Upper
232 100
131 44.3 34.3 51.5
130 2.2 1.6 2.4
166 30.1 23.9 35.9

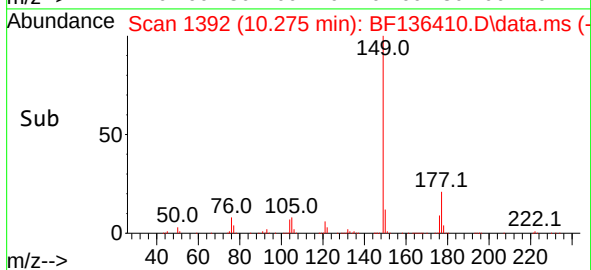
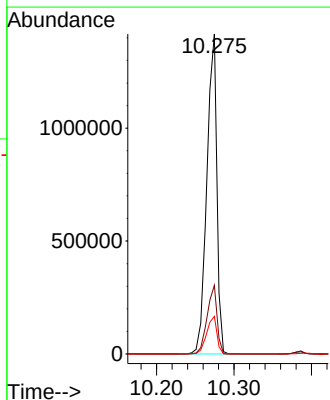
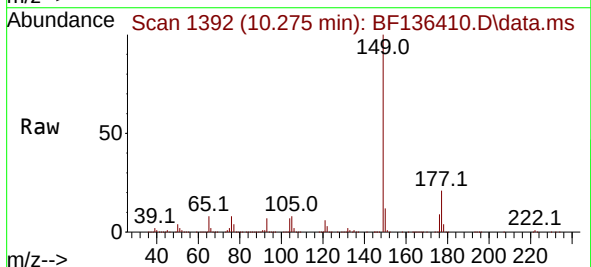
Manual Integrations
APPROVED

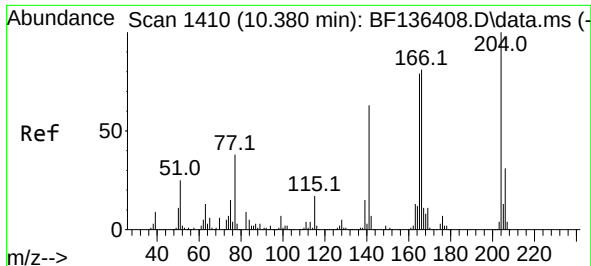
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#60
Diethylphthalate
Concen: 75.200 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

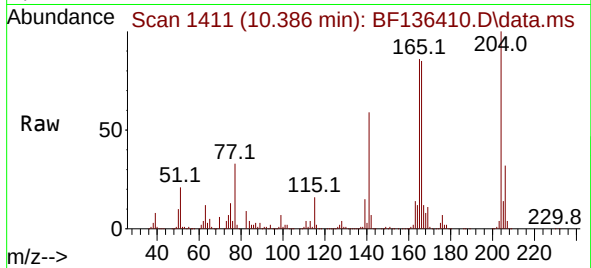
Tgt Ion:149 Resp: 1270194
Ion Ratio Lower Upper
149 100
177 21.5 17.8 26.8
150 11.8 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 72.310 ng
RT: 10.386 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

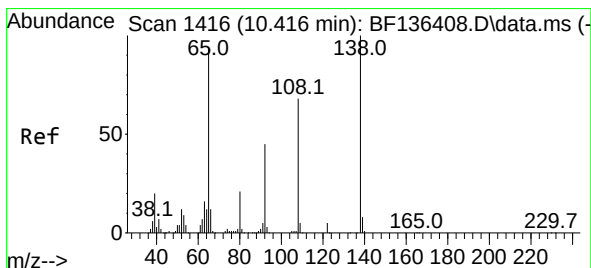
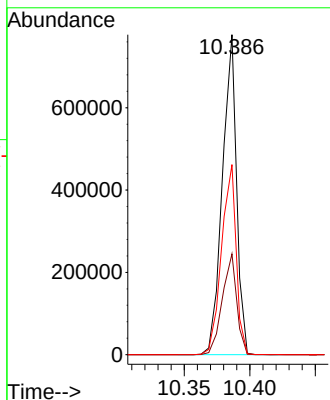
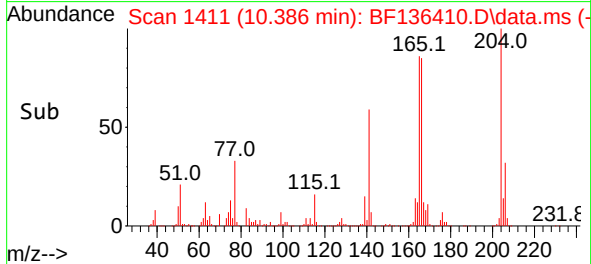
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



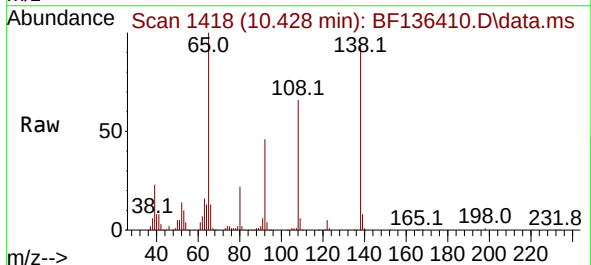
Tgt Ion:204 Resp: 583070
Ion Ratio Lower Upper
204 100
206 31.5 24.6 36.8
141 59.4 50.3 75.5

Manual Integrations
APPROVED

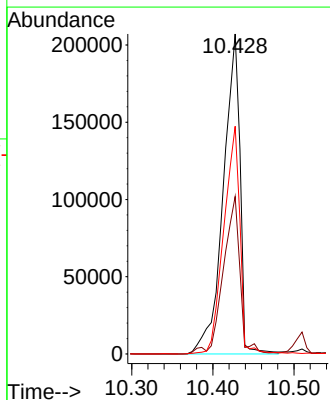
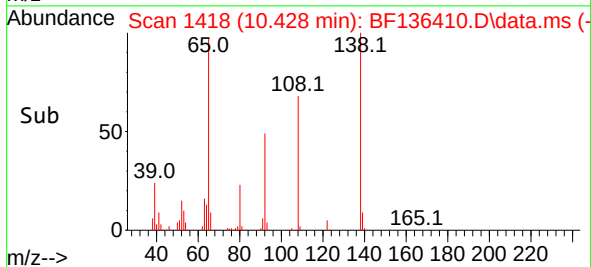
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

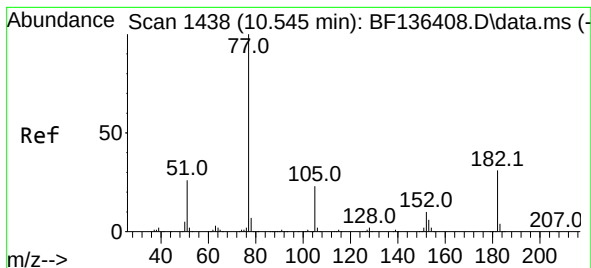


#62
4-Nitroaniline
Concen: 75.819 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.012 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09



Tgt Ion:138 Resp: 297088
Ion Ratio Lower Upper
138 100
92 49.2 25.0 65.0
108 71.1 47.9 87.9





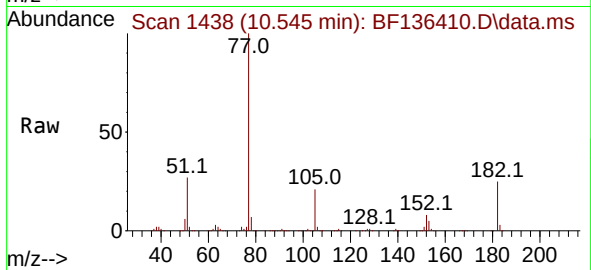
#63
Azobenzene
Concen: 75.784 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

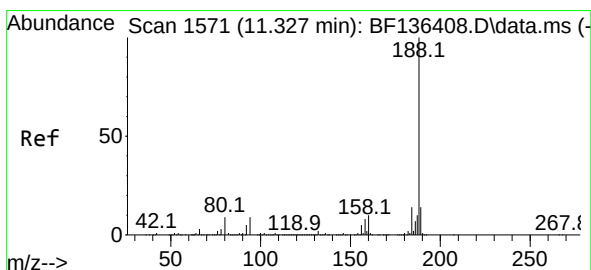
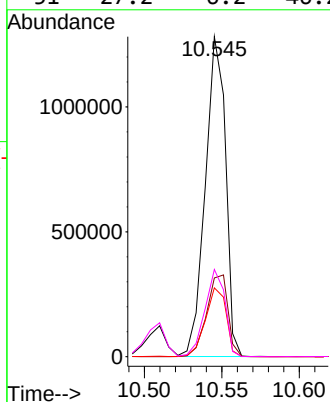
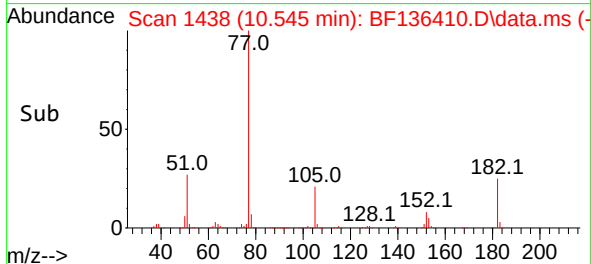


Tgt Ion: 77 Resp: 116512
Ion Ratio Lower Upper
77 100
182 24.6 10.8 50.8
105 21.5 2.6 42.6
51 27.2 6.2 46.2

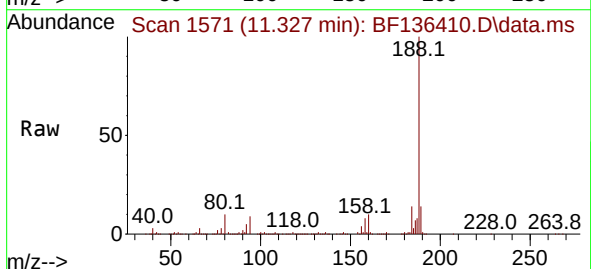
Manual Integrations

APPROVED

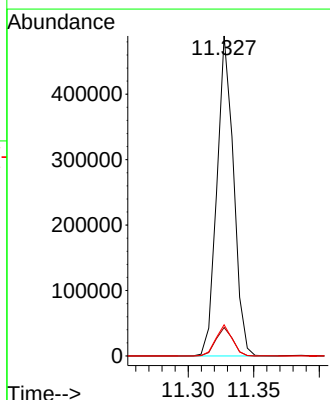
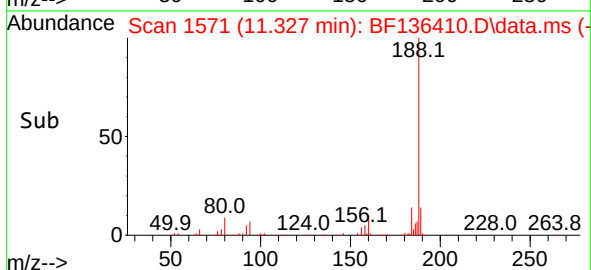
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

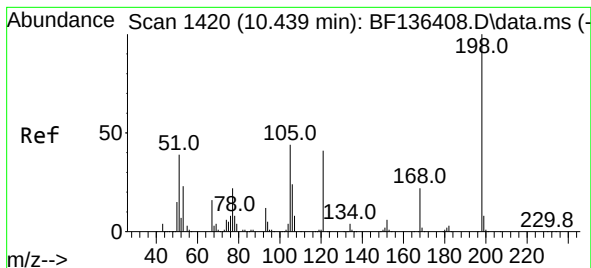


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09



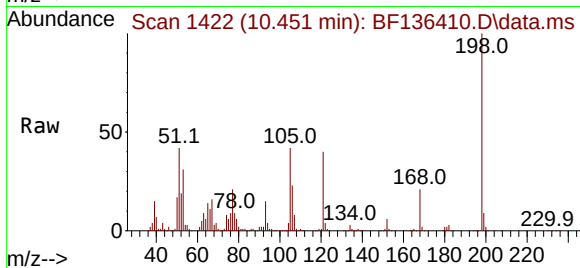
Tgt Ion:188 Resp: 430604
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.7 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 84.149 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

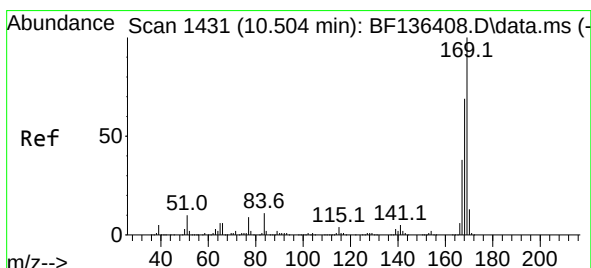
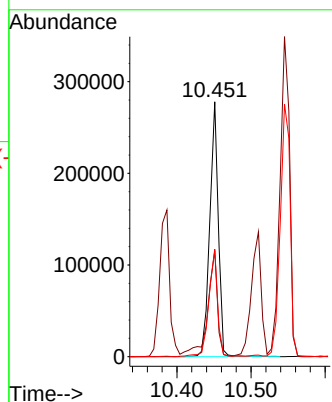
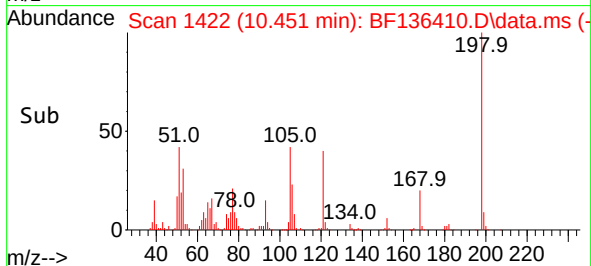
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



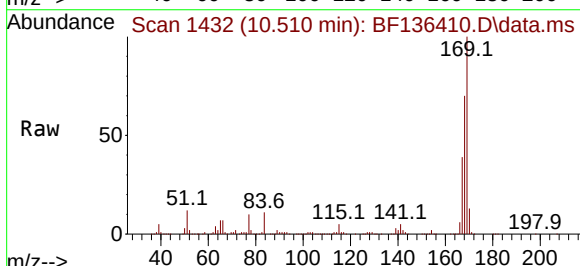
Tgt Ion:198 Resp: 22440
Ion Ratio Lower Upper
198 100
51 41.6 24.1 64.1
105 42.2 24.8 64.8

Manual Integrations
APPROVED

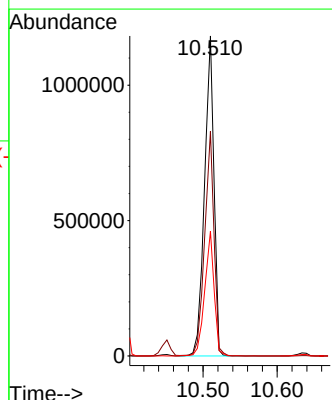
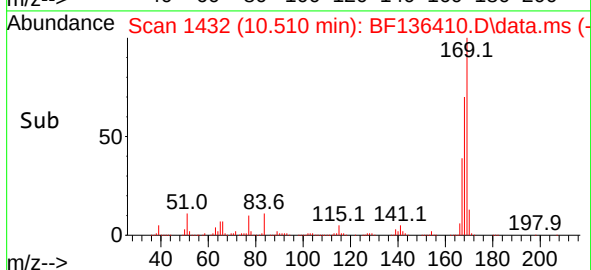
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

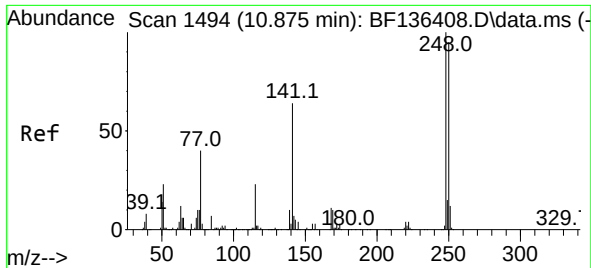


#66
n-Nitrosodiphenylamine
Concen: 76.061 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09



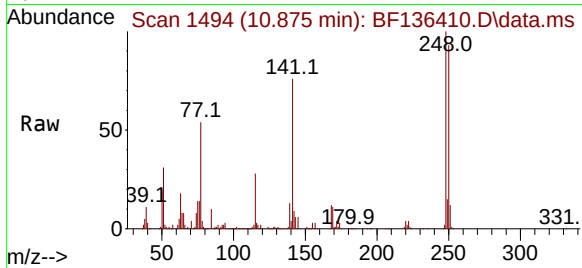
Tgt Ion:169 Resp: 1050957
Ion Ratio Lower Upper
169 100
168 70.2 55.3 82.9
167 39.0 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 76.222 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

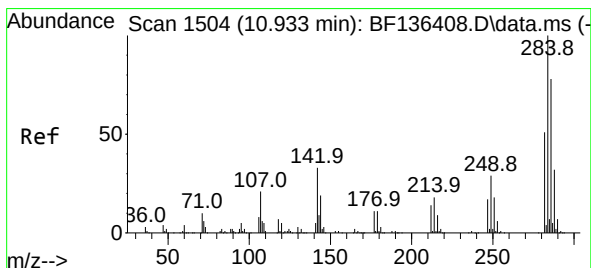
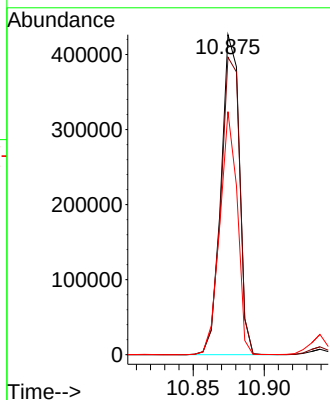
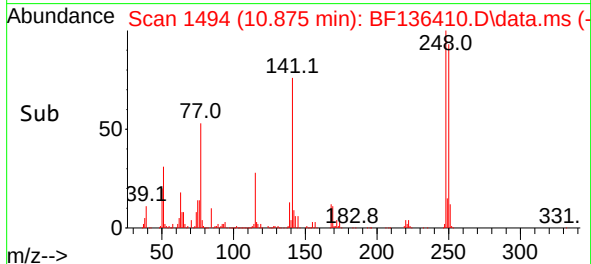
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



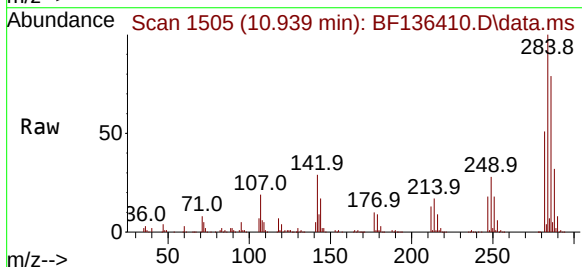
Tgt Ion:248 Resp: 381600
Ion Ratio Lower Upper
248 100
250 93.0 76.2 114.2
141 75.9 51.0 76.4

Manual Integrations
APPROVED

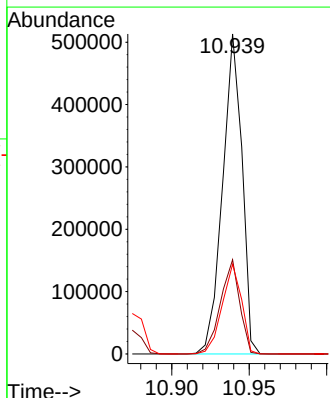
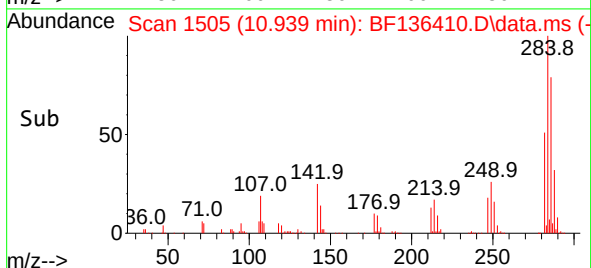
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

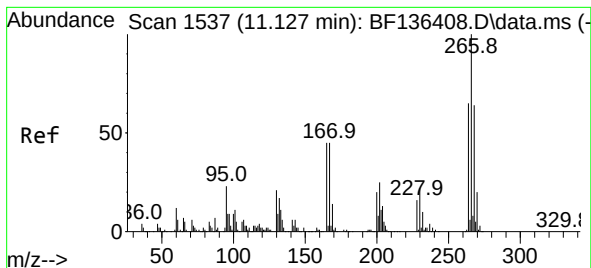


#68
Hexachlorobenzene
Concen: 77.151 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09



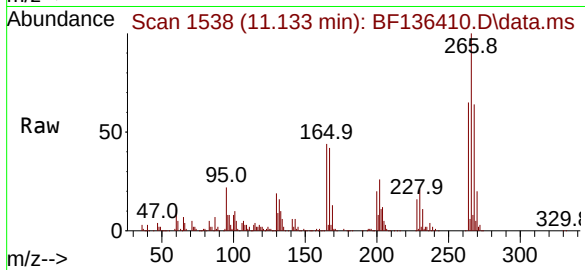
Tgt Ion:284 Resp: 446420
Ion Ratio Lower Upper
284 100
142 29.5 26.5 39.7
249 28.1 23.4 35.0





#70
Pentachlorophenol
Concen: 79.084 ng
RT: 11.133 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

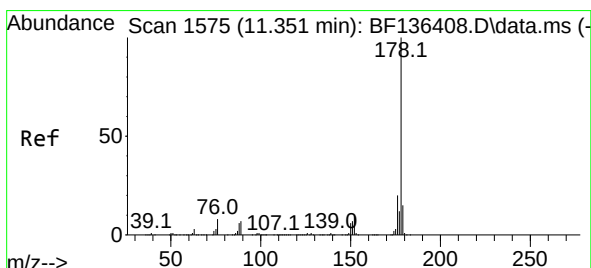
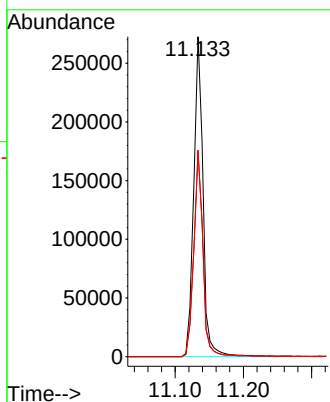
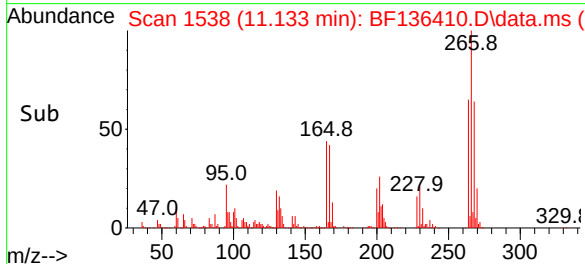
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



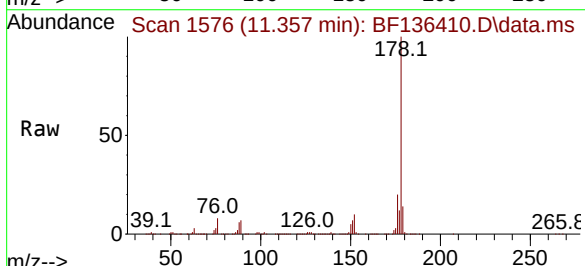
Tgt Ion:266 Resp: 25826
Ion Ratio Lower Upper
266 100
268 63.9 51.0 76.6
264 64.6 52.2 78.4

Manual Integrations
APPROVED

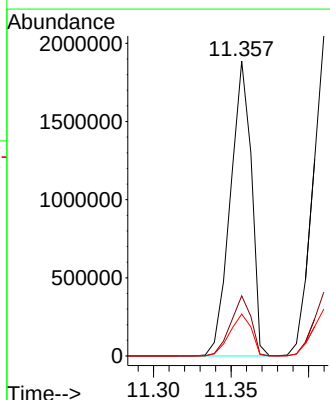
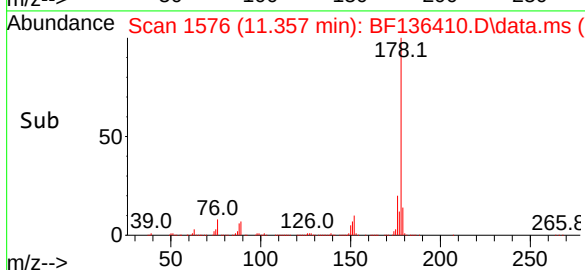
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

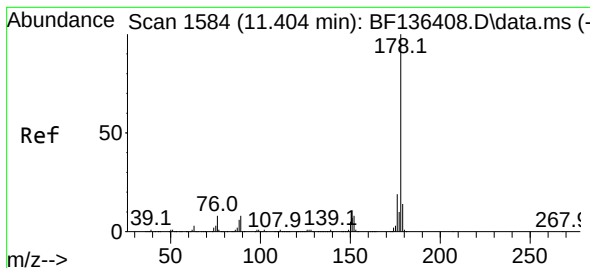


#71
Phenanthrene
Concen: 75.125 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09



Tgt Ion:178 Resp: 1778047
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 14.2 11.8 17.6





#72

Anthracene

Concen: 74.720 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:178 Resp: 178122

Ion Ratio Lower Upper

178 100

176 19.9 15.3 22.9

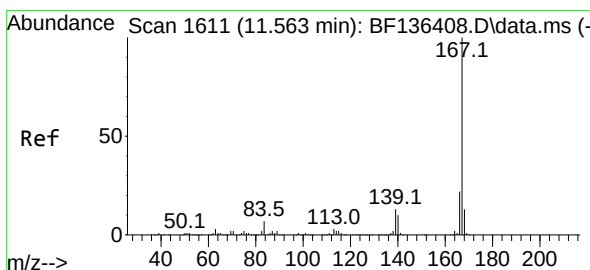
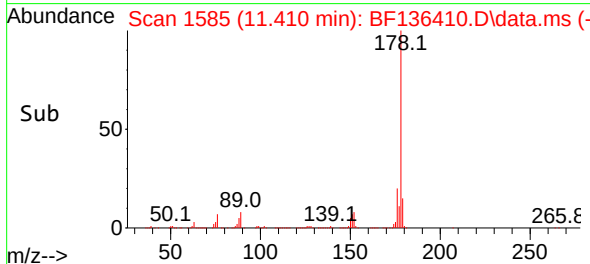
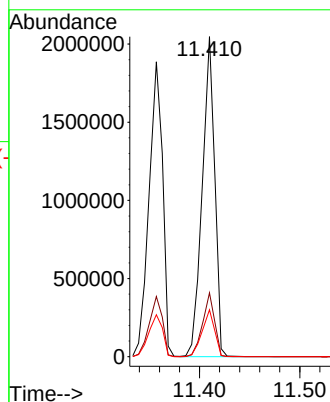
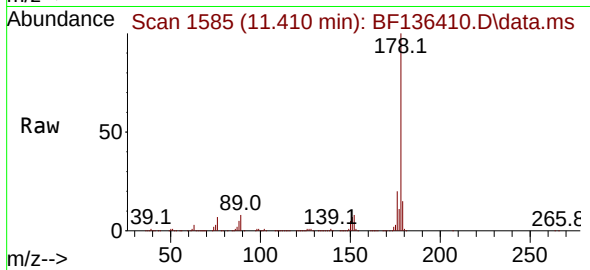
179 14.6 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#73

Carbazole

Concen: 72.869 ng

RT: 11.569 min Scan# 1612

Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

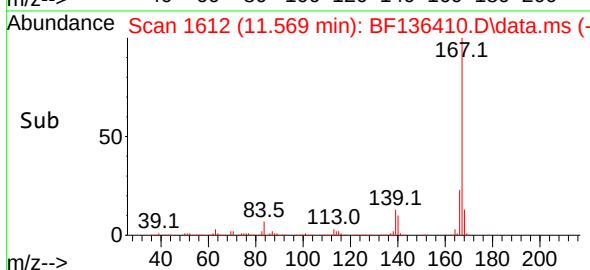
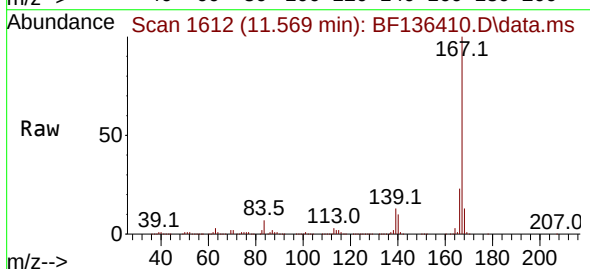
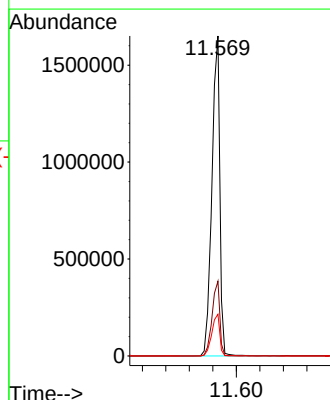
Tgt Ion:167 Resp: 1537461

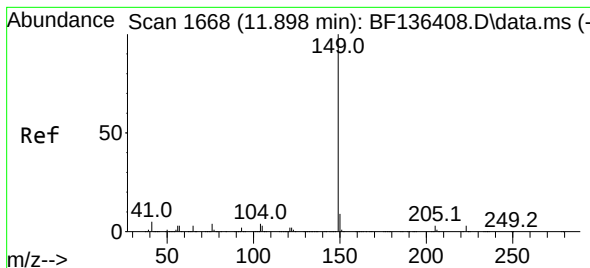
Ion Ratio Lower Upper

167 100

166 23.4 18.0 27.0

139 13.1 10.2 15.4





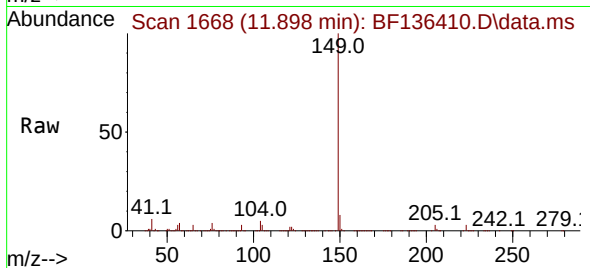
#74
Di-n-butylphthalate
Concen: 74.607 ng
RT: 11.898 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



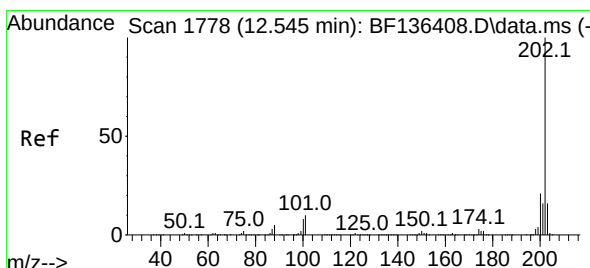
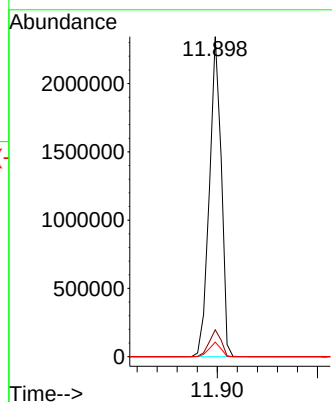
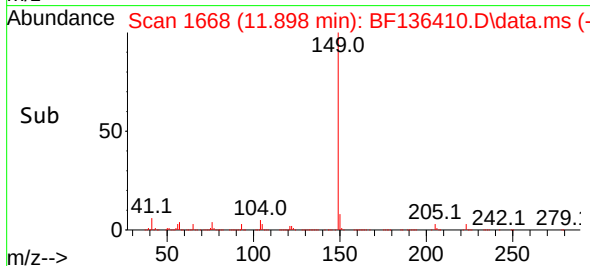
Tgt Ion:149 Resp: 1929759
Ion Ratio Lower Upper
149 100
150 8.4 6.9 10.3
104 4.5 3.5 5.3

Manual Integrations

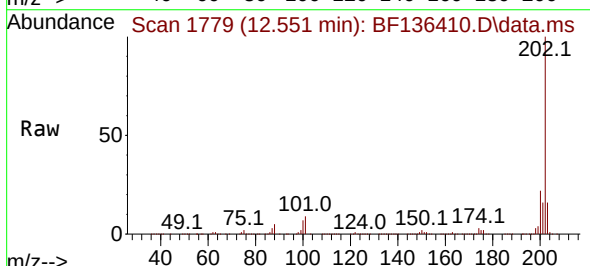
APPROVED

Reviewed By :Yogesh Patel 12/07/2023

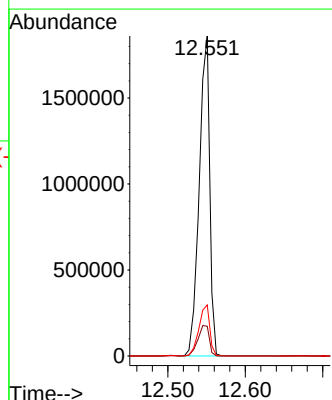
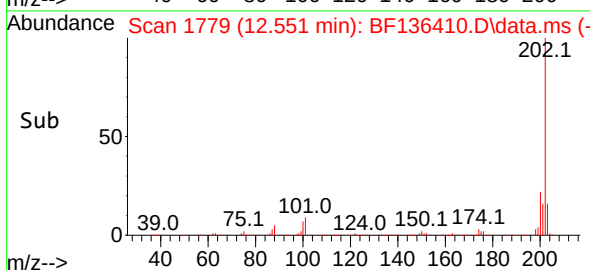
Supervised By :mohammad ahmed 12/07/2023

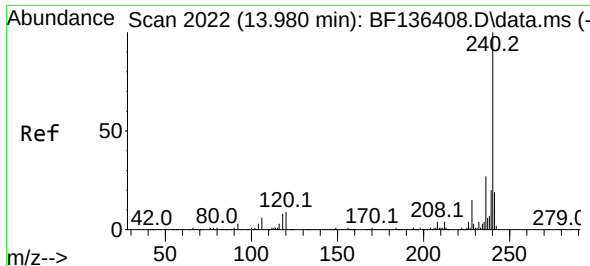


#75
Fluoranthene
Concen: 70.529 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09



Tgt Ion:202 Resp: 1749305
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.9
203 15.9 0.0 36.3





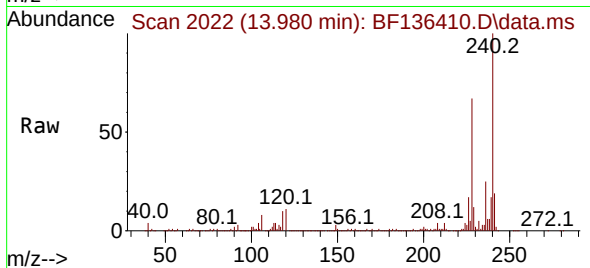
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

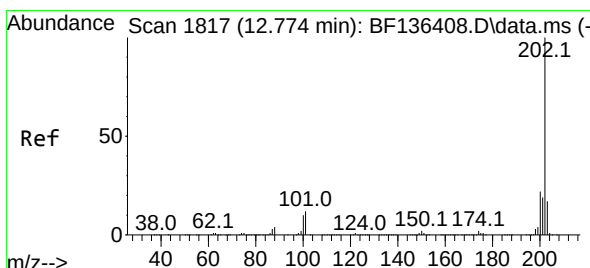
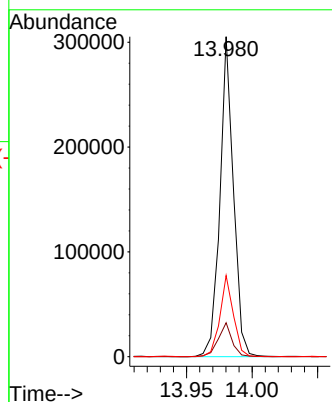
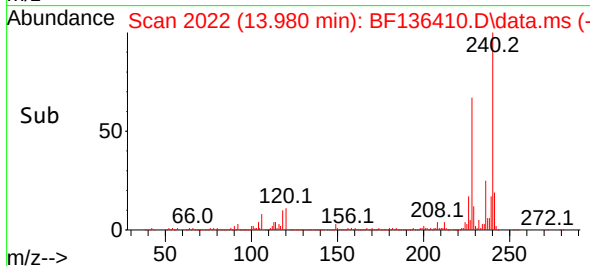


Tgt Ion:240 Resp: 217992
Ion Ratio Lower Upper
240 100
120 10.6 7.3 10.9
236 25.4 21.3 31.9

Manual Integrations

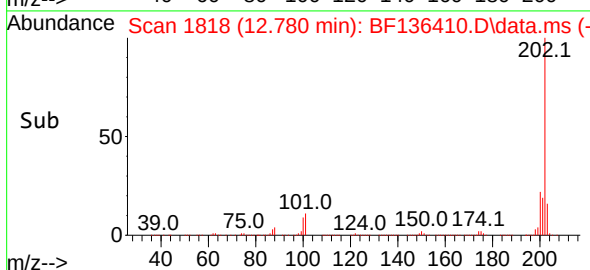
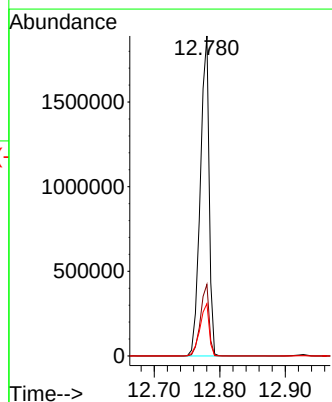
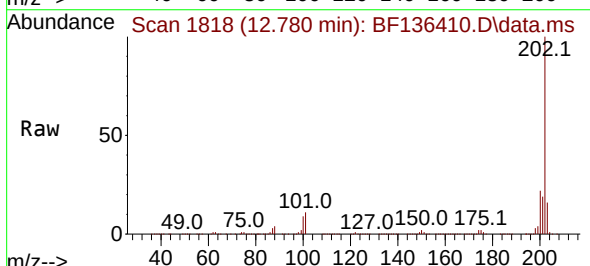
APPROVED

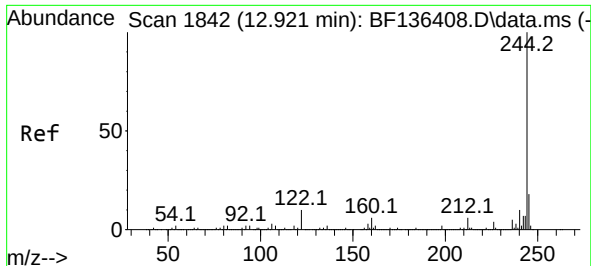
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#78
Pyrene
Concen: 82.881 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:202 Resp: 1769456
Ion Ratio Lower Upper
202 100
200 22.4 18.0 27.0
203 16.3 13.5 20.3





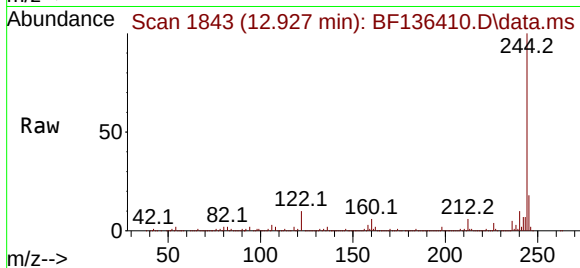
#79
 Terphenyl-d14
 Concen: 158.862 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF136410.D
 Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

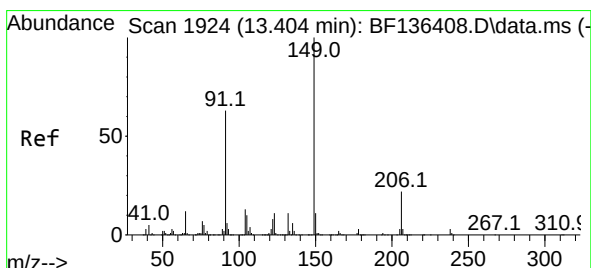
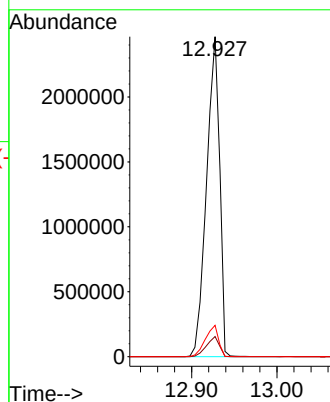
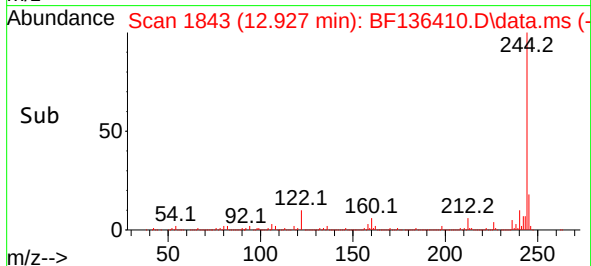


Tgt Ion:244 Resp: 262742
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 9.8 8.3 12.5

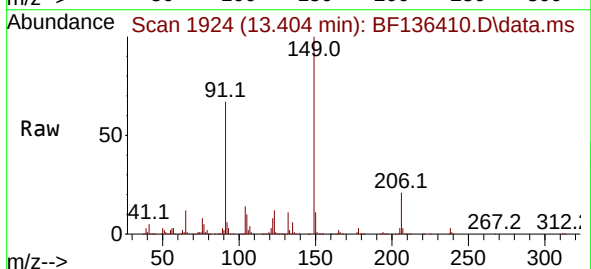
Manual Integrations

APPROVED

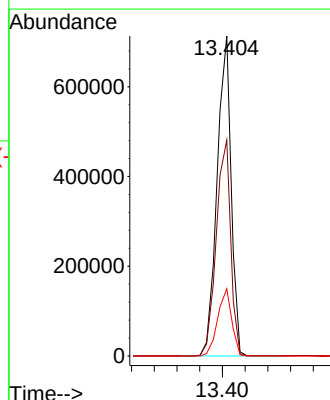
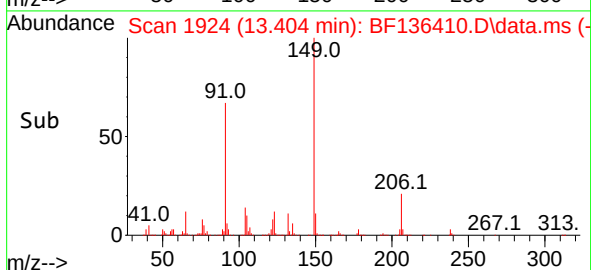
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

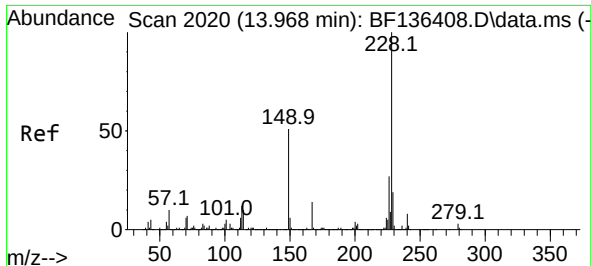


#80
 Butylbenzylphthalate
 Concen: 80.678 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF136410.D
 Acq: 05 Dec 2023 17:09



Tgt Ion:149 Resp: 613149
 Ion Ratio Lower Upper
 149 100
 91 67.4 50.5 75.7
 206 21.0 17.4 26.2





#81
Benzo(a)anthracene
Concen: 76.700 ng
RT: 13.968 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

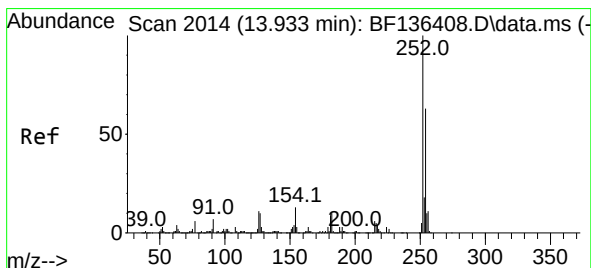
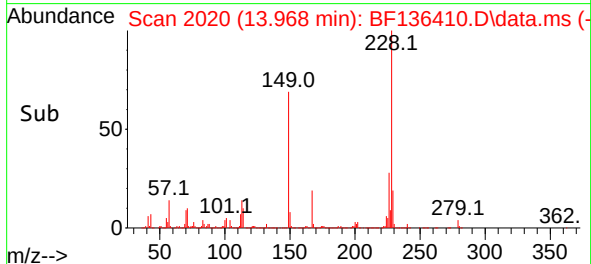
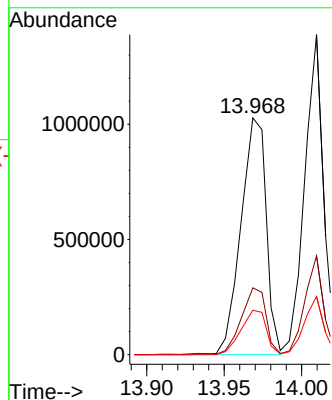
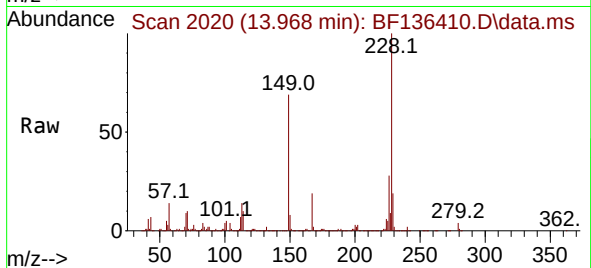
SSTDICC080

Tgt Ion:228 Resp: 1164649
Ion Ratio Lower Upper
228 100
226 28.3 21.8 32.8
229 18.8 15.0 22.4

Manual Integrations

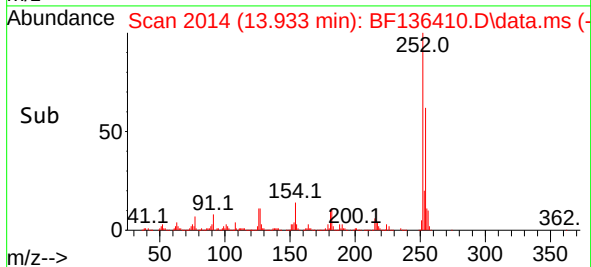
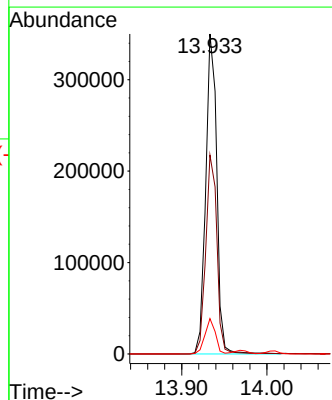
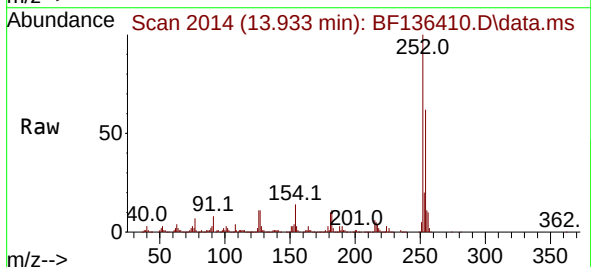
APPROVED

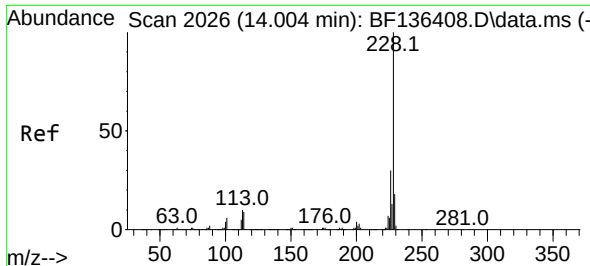
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 73.950 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:252 Resp: 314837
Ion Ratio Lower Upper
252 100
254 62.2 50.8 76.2
126 11.1 8.6 12.8





#83
Chrysene
Concen: 78.206 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

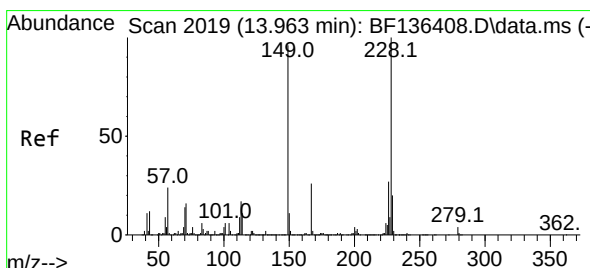
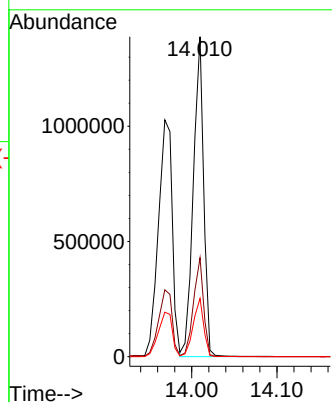
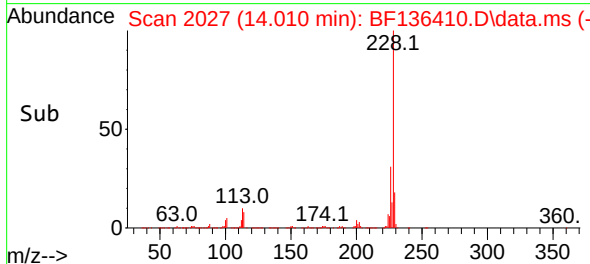
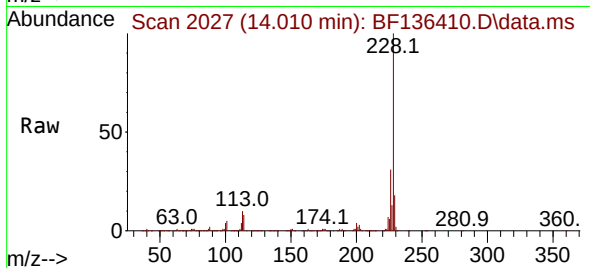
SSTDICC080

Tgt Ion:228 Resp: 116835
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.6
229 18.2 14.8 22.2

Manual Integrations

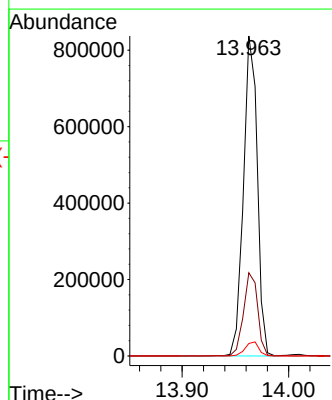
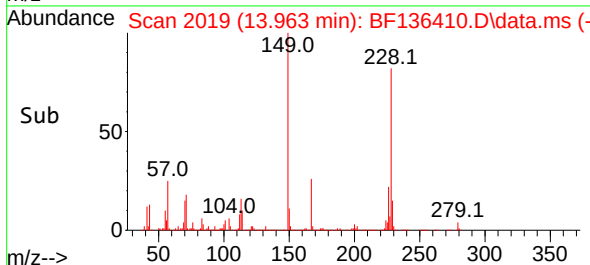
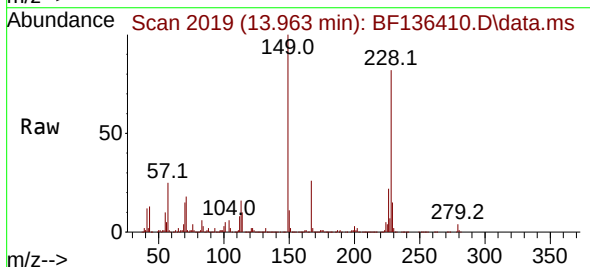
APPROVED

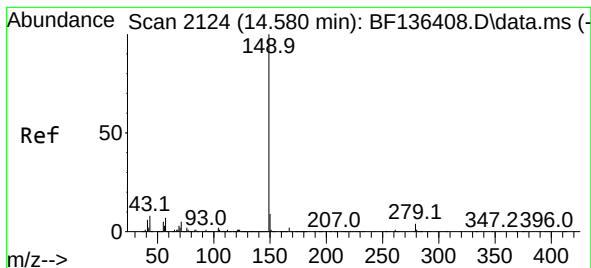
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 81.477 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

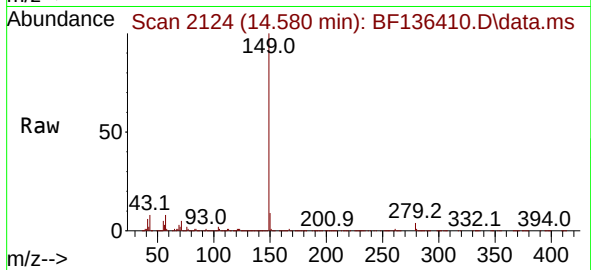
Tgt Ion:149 Resp: 759104
Ion Ratio Lower Upper
149 100
167 26.0 21.2 31.8
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 88.333 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

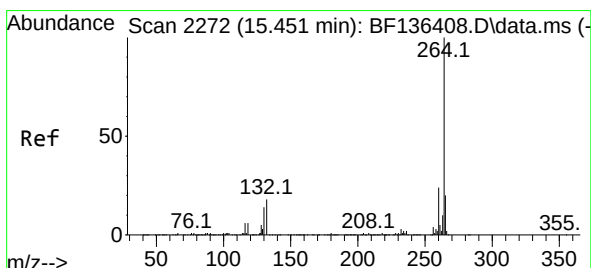
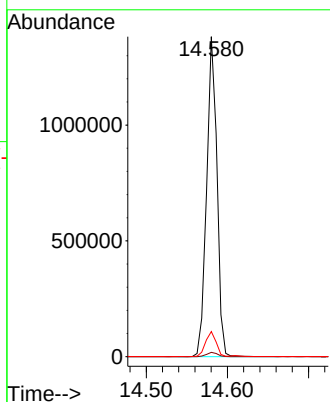
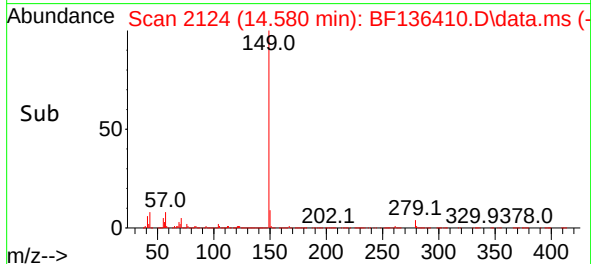
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 1215620
Ion Ratio Lower Upper
149 100
167 1.4 1.3 1.9
43 8.1 6.8 10.2

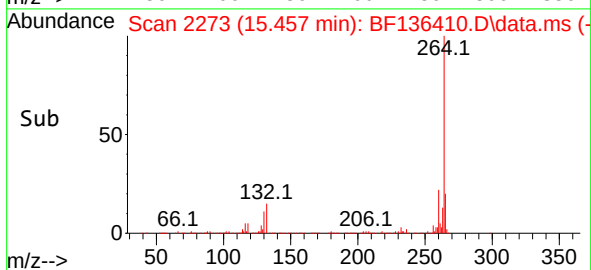
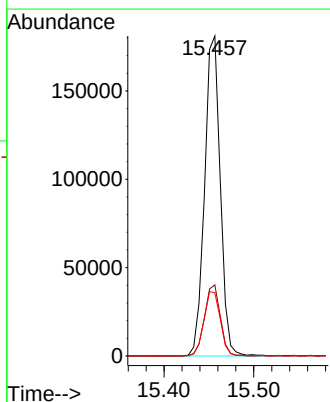
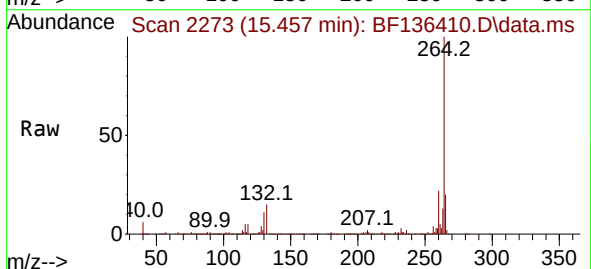
Manual Integrations
APPROVED

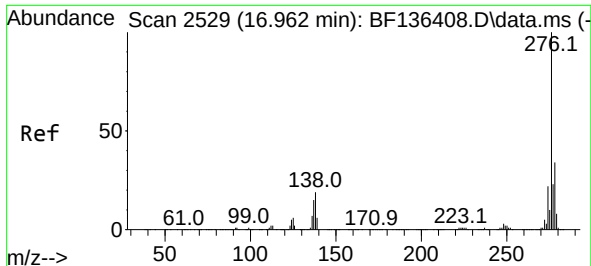
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Tgt Ion:264 Resp: 219708
Ion Ratio Lower Upper
264 100
260 22.2 19.2 28.8
265 19.8 15.9 23.9





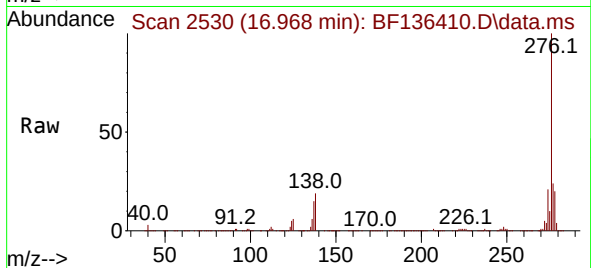
#87
Indeno(1,2,3-cd)pyrene
Concen: 85.609 ng
RT: 16.968 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

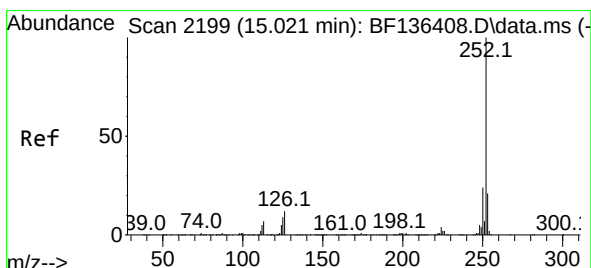
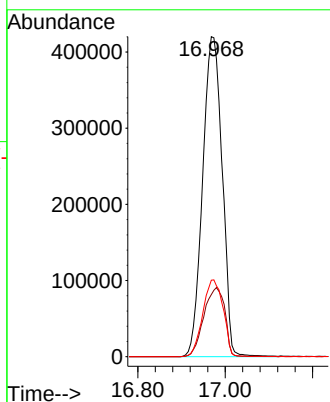
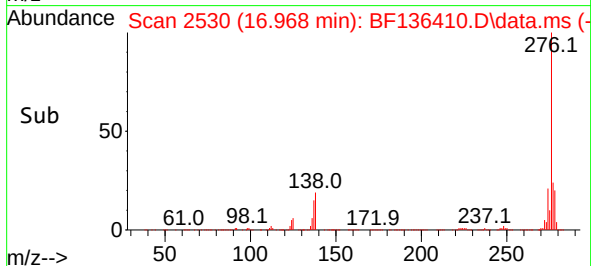


Tgt Ion:276 Resp: 130669
Ion Ratio Lower Upper
276 100
138 23.1 19.0 28.4
277 25.0 20.0 30.0

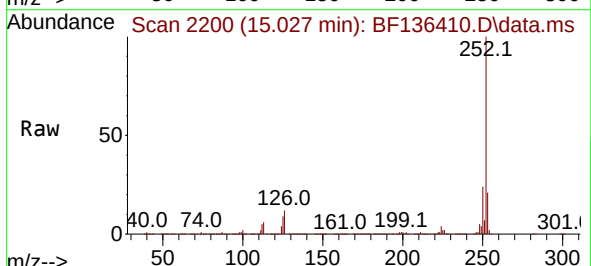
Manual Integrations

APPROVED

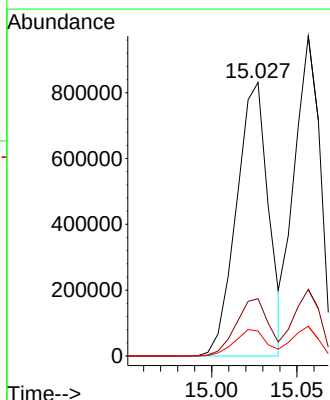
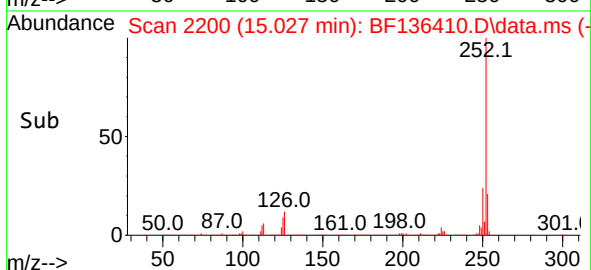
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

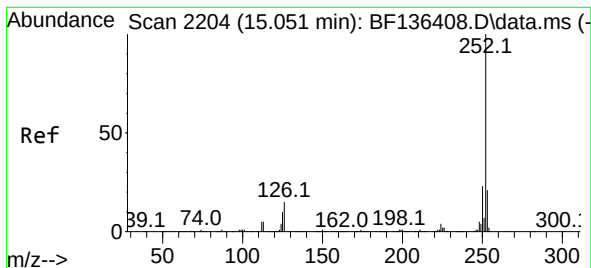


#88
Benzo(b)fluoranthene
Concen: 72.484 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09



Tgt Ion:252 Resp: 1088852
Ion Ratio Lower Upper
252 100
253 21.0 16.9 25.3
125 9.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 72.929 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 103245

Ion Ratio Lower Upper

252 100

253 20.8 16.9 25.3

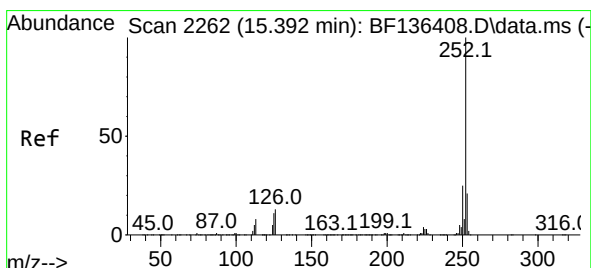
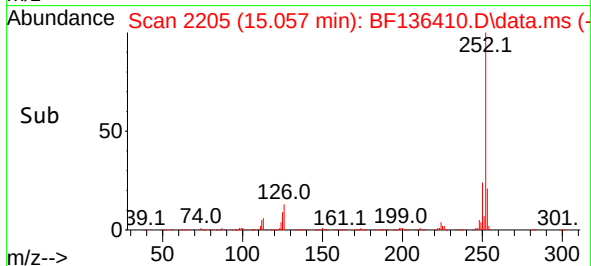
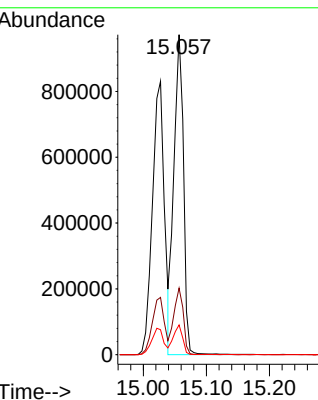
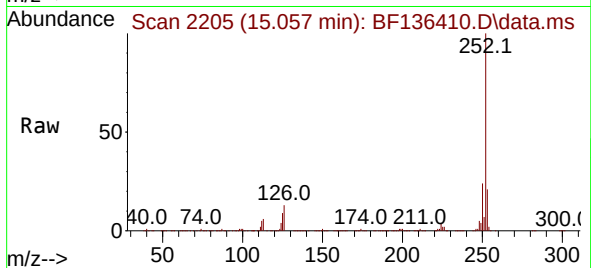
125 9.3 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#90

Benzo(a)pyrene

Concen: 77.013 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.006 min

Lab File: BF136410.D

Acq: 05 Dec 2023 17:09

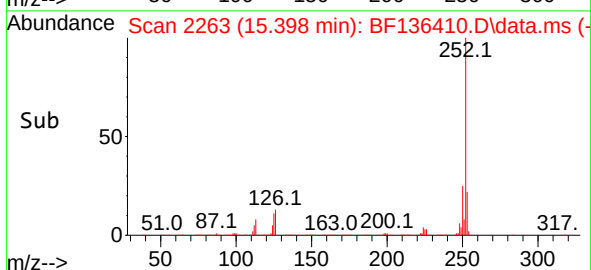
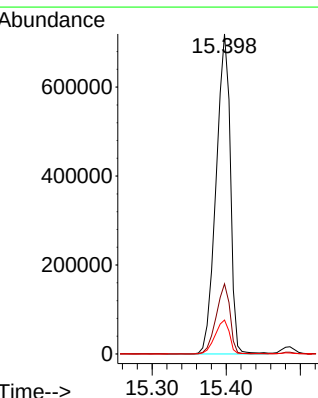
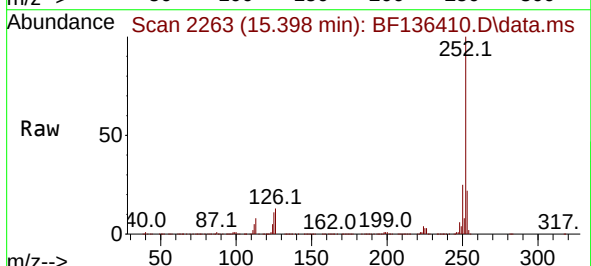
Tgt Ion:252 Resp: 955413

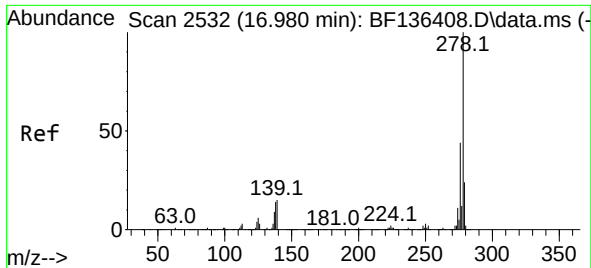
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 10.6 8.6 13.0





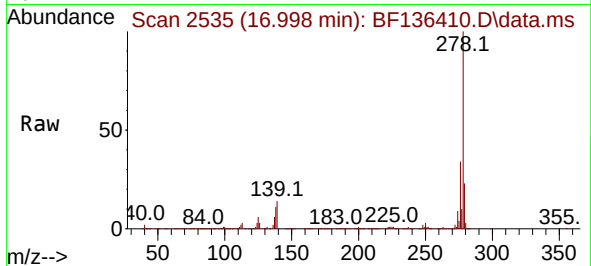
#91
Dibenzo(a,h)anthracene
Concen: 85.075 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

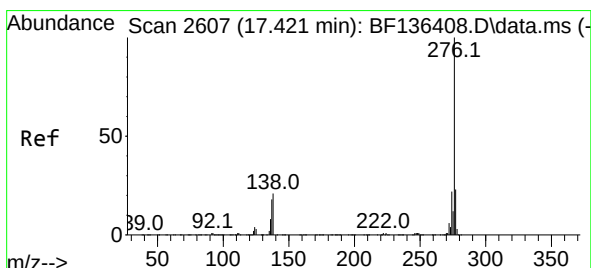
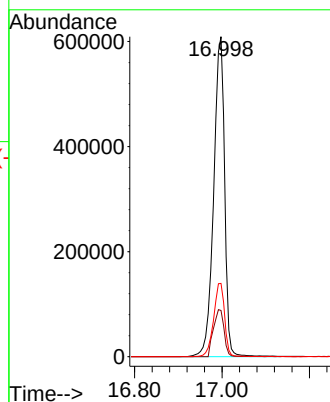
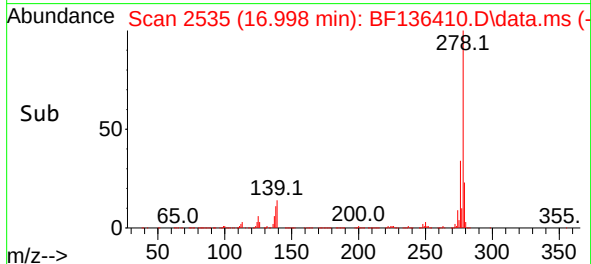


Tgt Ion:278 Resp: 106382
Ion Ratio Lower Upper
278 100
139 14.4 12.2 18.4
279 22.9 19.0 28.4

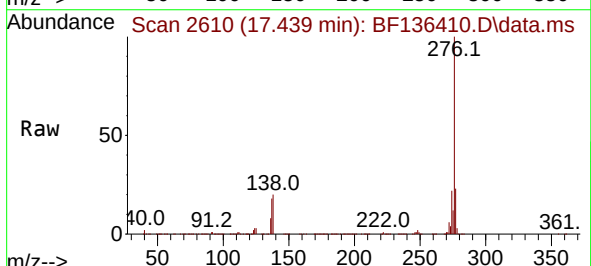
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#92
Benzo(g,h,i)perylene
Concen: 85.720 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.018 min
Lab File: BF136410.D
Acq: 05 Dec 2023 17:09



Tgt Ion:276 Resp: 1100189
Ion Ratio Lower Upper
276 100
277 22.7 18.7 28.1
138 20.1 16.6 25.0

