

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136423.D
 Acq On : 06 Dec 2023 12:26
 Operator : CG\JU
 Sample : 05256-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 13:07:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	104166	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	419328	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	198965	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	313485	20.000	ng	0.00
76) Chrysene-d12	13.974	240	162505	20.000	ng	0.00
86) Perylene-d12	15.451	264	193683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	843741	119.622	ng	0.02
7) Phenol-d6	6.440	99	976912	111.011	ng	0.00
23) Nitrobenzene-d5	7.363	82	676525	87.219	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	295404	120.413	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1325109	90.876	ng	0.00
79) Terphenyl-d14	12.916	244	1050699	85.220	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	112123	40.190	ng	# 85
3) Pyridine	3.475	79	235992	34.930	ng	98
4) n-Nitrosodimethylamine	3.416	42	134024	45.660	ng	98
6) Aniline	6.463	93	230935	25.966	ng	# 84
8) 2-Chlorophenol	6.587	128	354716	46.066	ng	99
9) Benzaldehyde	6.351	77	27696	4.117	ng	99
10) Phenol	6.457	94	380909	40.677	ng	97
11) bis(2-Chloroethyl)ether	6.540	93	318636	45.650	ng	100
12) 1,3-Dichlorobenzene	6.740	146	360810	41.666	ng	98
13) 1,4-Dichlorobenzene	6.816	146	372834	42.442	ng	98
14) 1,2-Dichlorobenzene	6.969	146	353542	42.799	ng	99
15) Benzyl Alcohol	6.945	79	238631	40.495	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	401534	44.728	ng	94
17) 2-Methylphenol	7.057	107	288244	46.334	ng	98
18) Hexachloroethane	7.304	117	130947	42.696	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	227594	44.834	ng	99
20) 3+4-Methylphenols	7.210	107	325637	42.172	ng	93
22) Acetophenone	7.210	105	483966	46.738	ng	98
24) Nitrobenzene	7.381	77	341701	43.791	ng	99
25) Isophorone	7.616	82	627717	45.044	ng	99
26) 2-Nitrophenol	7.692	139	181503	47.314	ng	99
27) 2,4-Dimethylphenol	7.734	122	246250	52.060	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	393377	45.938	ng	99
29) 2,4-Dichlorophenol	7.934	162	285404	45.712	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	322415	44.286	ng	99
31) Naphthalene	8.098	128	1023628	44.266	ng	99
32) Benzoic acid	7.863	122	209037	44.548	ng	98
33) 4-Chloroaniline	8.145	127	149540	18.139	ng	97
34) Hexachlorobutadiene	8.210	225	180728	41.887	ng	97
35) Caprolactam	8.516	113	76380m	39.725	ng	
36) 4-Chloro-3-methylphenol	8.634	107	288637	43.540	ng	98
37) 2-Methylnaphthalene	8.792	142	637447	43.330	ng	96
38) 1-Methylnaphthalene	8.886	142	620606	42.990	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	309739	50.038	ng	99
41) Hexachlorocyclopentadiene	8.939	237	283130	123.462	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	196040	48.639	ng	96

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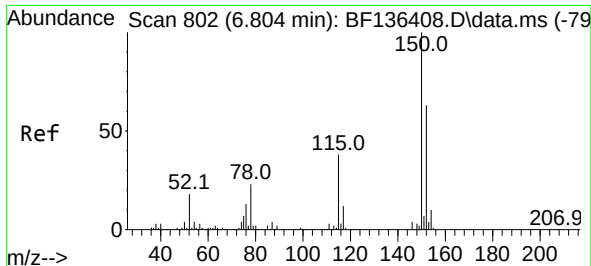
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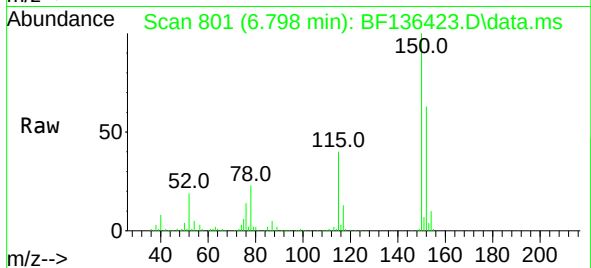
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	212811	47.307	ng	95
46) 1,1'-Biphenyl	9.257	154	827442	48.875	ng	100
47) 2-Chloronaphthalene	9.281	162	620510	47.091	ng	98
48) 2-Nitroaniline	9.381	65	165304	46.774	ng	87
49) Acenaphthylene	9.698	152	946992	50.450	ng	99
50) Dimethylphthalate	9.563	163	665327	45.420	ng	99
51) 2,6-Dinitrotoluene	9.622	165	149001	45.213	ng	98
52) Acenaphthene	9.869	154	561169	46.653	ng	98
53) 3-Nitroaniline	9.786	138	109352	32.494	ng	94
54) 2,4-Dinitrophenol	9.898	184	155895	93.563	ng	# 88
55) Dibenzofuran	10.039	168	827948	47.117	ng	99
56) 4-Nitrophenol	9.957	139	199741	79.176	ng	99
57) 2,4-Dinitrotoluene	10.028	165	182873	41.948	ng	99
58) Fluorene	10.386	166	635446	45.049	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	166430	46.188	ng	99
60) Diethylphthalate	10.263	149	617706	42.883	ng	100
61) 4-Chlorophenyl-phenyle...	10.375	204	307065	44.655	ng	98
62) 4-Nitroaniline	10.404	138	126364	37.816	ng	92
63) Azobenzene	10.539	77	578177	44.099	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	94215	48.528	ng	94
66) n-Nitrosodiphenylamine	10.498	169	531274	52.815	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	183383	50.314	ng	95
68) Hexachlorobenzene	10.928	284	211024	50.094	ng	99
69) Atrazine	11.028	200	154406	53.781	ng	99
70) Pentachlorophenol	11.128	266	213726	89.896	ng	99
71) Phenanthrene	11.351	178	862375	50.049	ng	100
72) Anthracene	11.398	178	849583	48.954	ng	99
73) Carbazole	11.557	167	684697	44.575	ng	99
74) Di-n-butylphthalate	11.892	149	827887	43.965	ng	100
75) Fluoranthene	12.539	202	719768	39.862	ng	99
77) Benzidine	12.663	184	26218	11.665	ng	# 94
78) Pyrene	12.769	202	708935	44.545	ng	99
80) Butylbenzylphthalate	13.398	149	243170	42.921	ng	97
81) Benzo(a)anthracene	13.963	228	558397	49.331	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	165260	52.071	ng	99
83) Chrysene	13.998	228	544640	48.904	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	315129	45.373	ng	# 99
85) Di-n-octyl phthalate	14.574	149	524591	51.135	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	794674	59.059	ng	100
88) Benzo(b)fluoranthene	15.016	252	634195	47.891	ng	99
89) Benzo(k)fluoranthene	15.051	252	564542	45.236	ng	99
90) Benzo(a)pyrene	15.386	252	567470	51.888	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	660080	59.880	ng	99
92) Benzo(g,h,i)perylene	17.415	276	646022	57.098	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

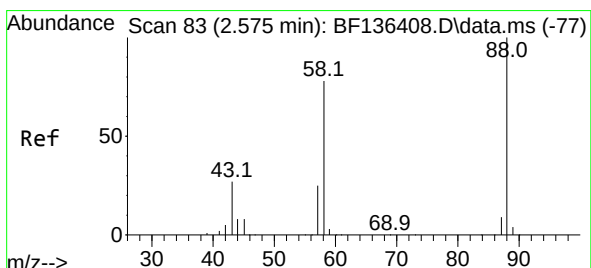
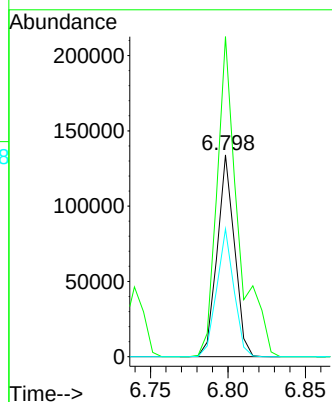
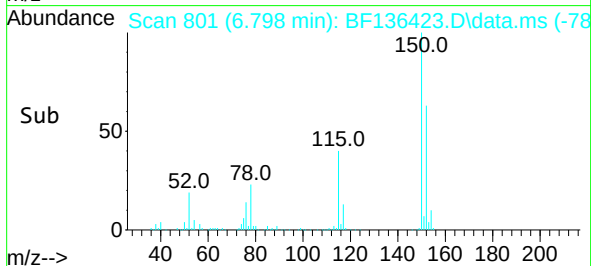
Instrument :
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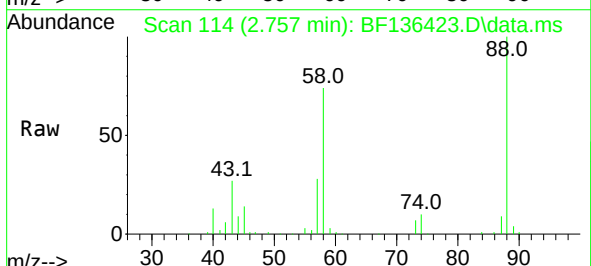
Tgt Ion:152 Resp: 104160
Ion Ratio Lower Upper
152 100
150 158.6 126.4 189.6
115 63.3 48.2 72.4

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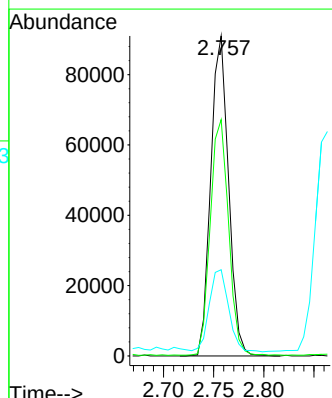
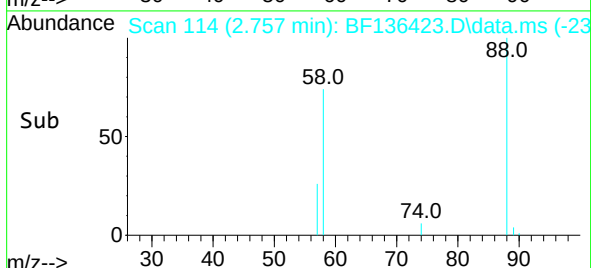
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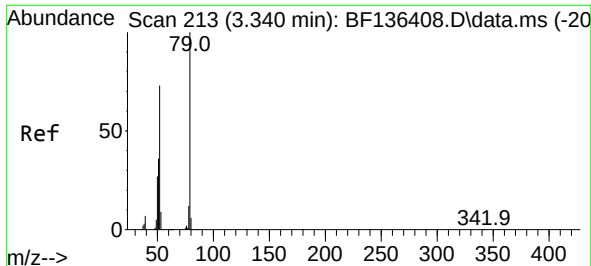


#2
1,4-Dioxane
Concen: 40.190 ng
RT: 2.757 min Scan# 114
Delta R.T. 0.182 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



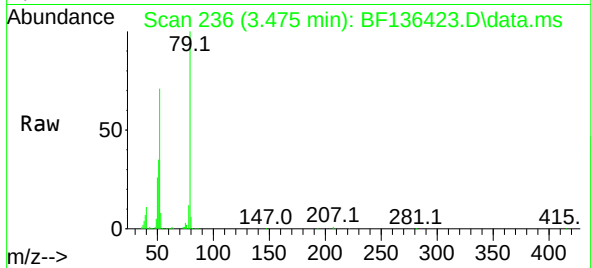
Tgt Ion: 88 Resp: 112123
Ion Ratio Lower Upper
88 100
58 75.5 62.2 93.2
43 0.0 21.5 32.3#





#3
Pyridine
Concen: 34.930 ng
RT: 3.475 min Scan# 213
Delta R.T. 0.135 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

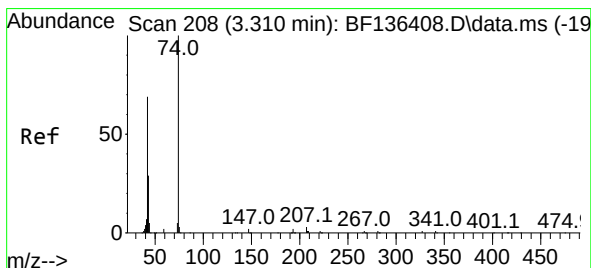
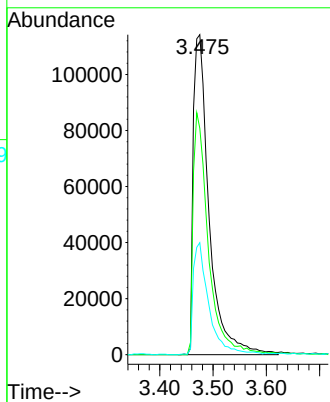
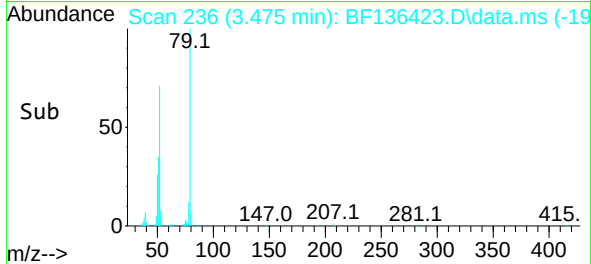
Instrument :
BNA_F
ClientSampleId :
WC-1MS



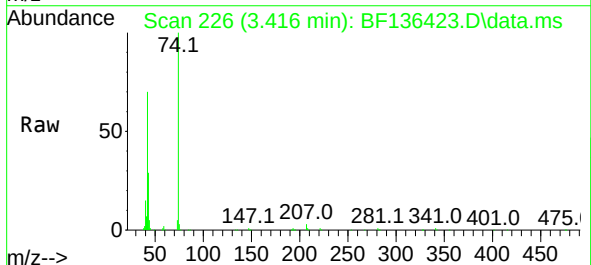
Tgt Ion: 79 Resp: 235992
Ion Ratio Lower Upper
79 100
52 70.8 58.2 87.2
51 35.0 29.1 43.7

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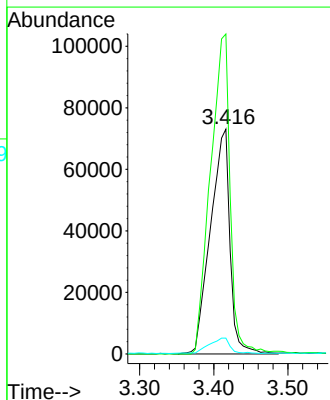
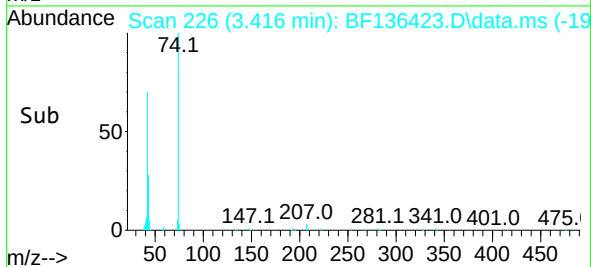
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

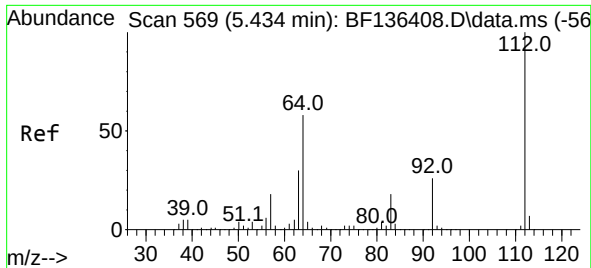


#4
n-Nitrosodimethylamine
Concen: 45.660 ng
RT: 3.416 min Scan# 226
Delta R.T. 0.106 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



Tgt Ion: 42 Resp: 134024
Ion Ratio Lower Upper
42 100
74 142.4 115.4 173.0
44 7.0 6.2 9.2





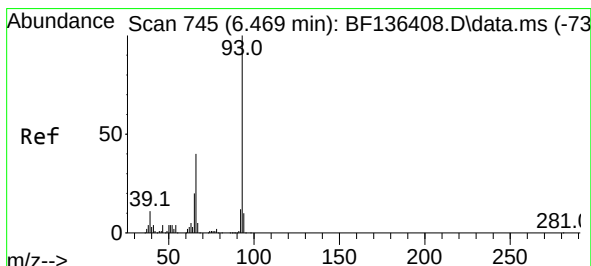
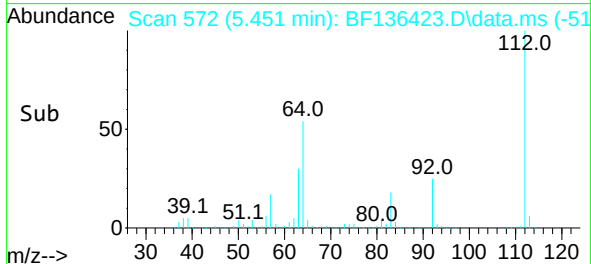
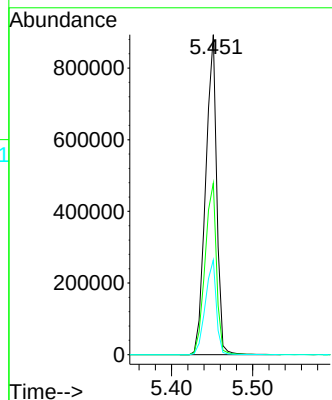
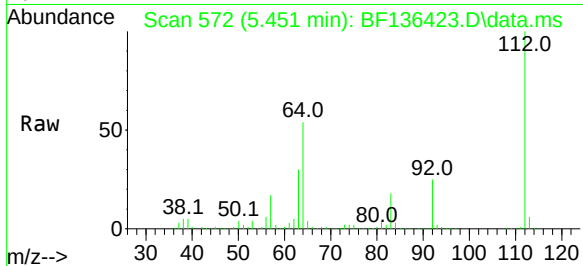
#5
2-Fluorophenol
Concen: 119.622 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 84374
Ion Ratio Lower Upper
112 100
64 53.6 46.5 69.7
63 29.6 23.9 35.9

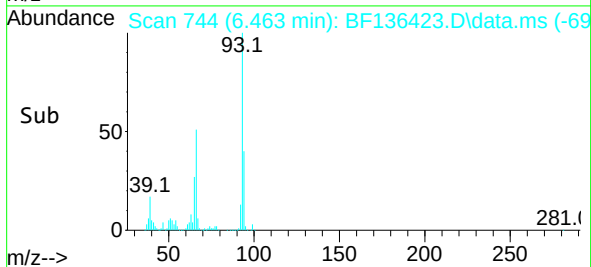
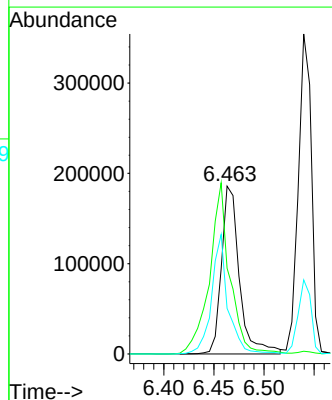
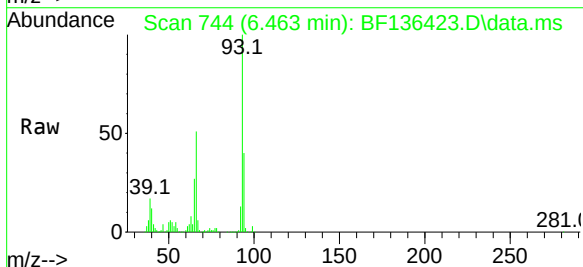
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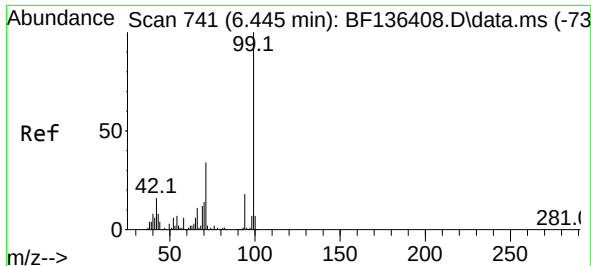
Reviewed By :Yogesh Patel 12/07/2023
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#6
Aniline
Concen: 25.966 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

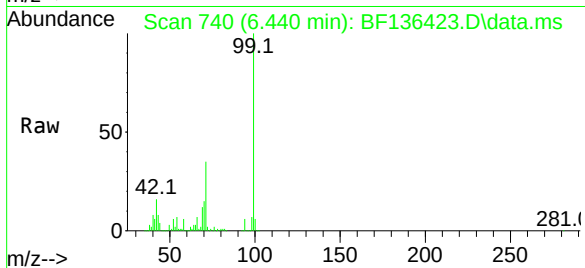
Tgt Ion: 93 Resp: 230935
Ion Ratio Lower Upper
93 100
66 51.1 32.5 48.7#
65 27.1 16.4 24.6#





#7
Phenol-d6
Concen: 111.011 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

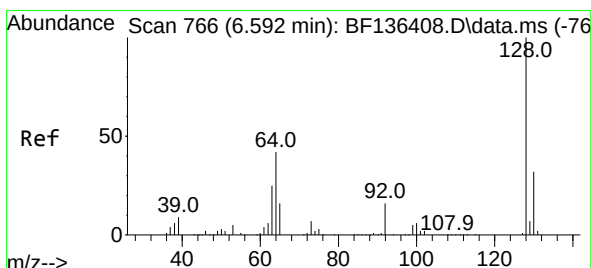
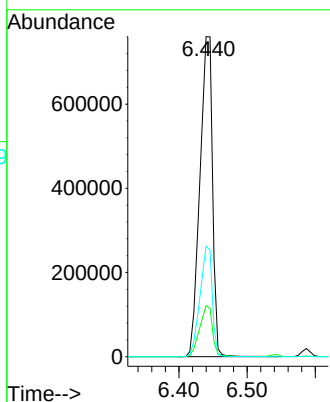
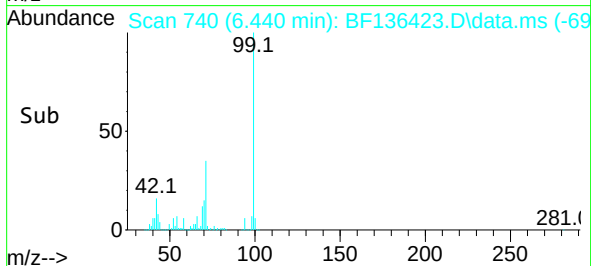
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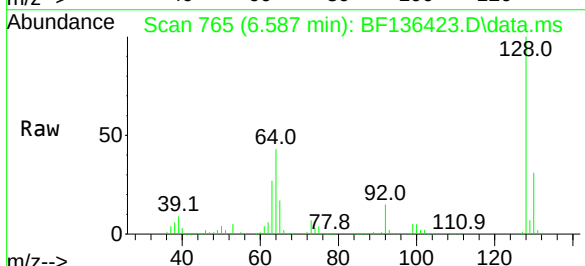
Tgt Ion: 99 Resp: 976912
Ion Ratio Lower Upper
99 100
42 15.8 12.8 19.2
71 34.6 27.0 40.4

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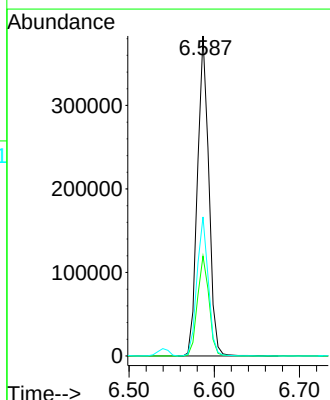
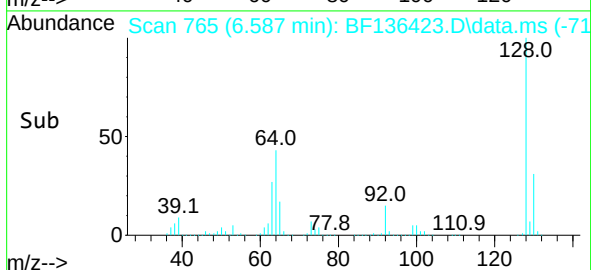
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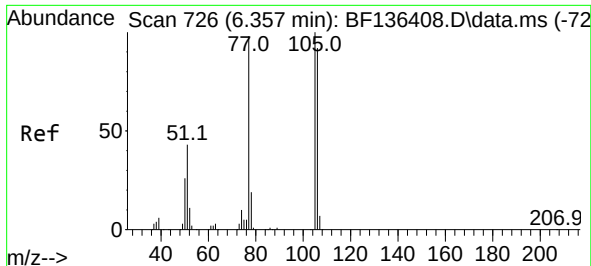


#8
2-Chlorophenol
Concen: 46.066 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



Tgt Ion:128 Resp: 354716
Ion Ratio Lower Upper
128 100
130 31.2 11.7 51.7
64 43.5 22.5 62.5





#9

Benzaldehyde

Concen: 4.117 ng

RT: 6.351 min Scan# 726

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

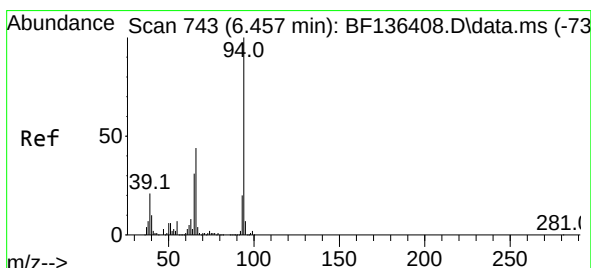
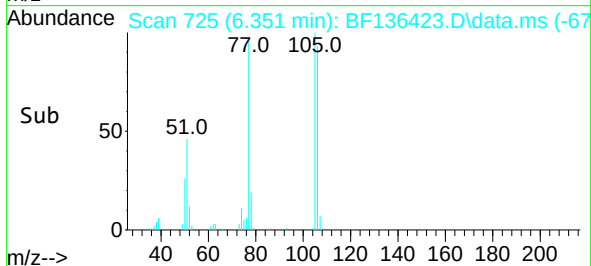
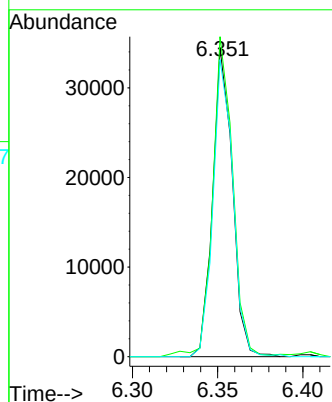
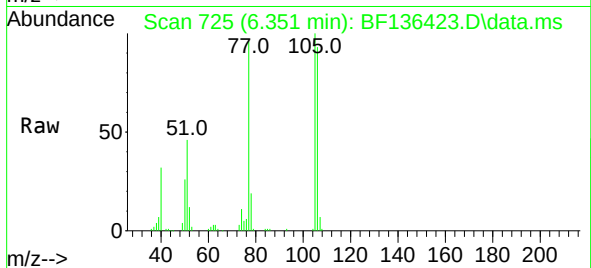
Tgt Ion: 77	Resp: 27690
Ion Ratio	Lower Upper
77 100	
105 103.7	82.5 122.5
106 96.3	74.5 114.5

Manual Integrations

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#10

Phenol

Concen: 40.677 ng

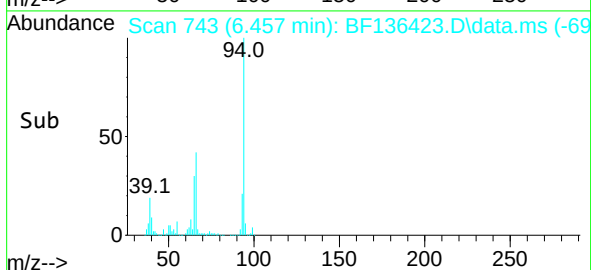
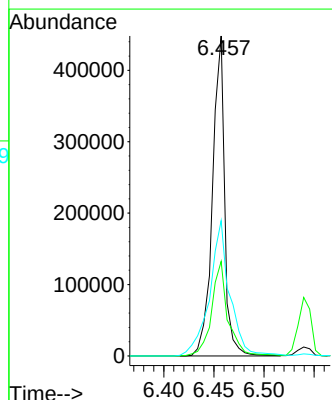
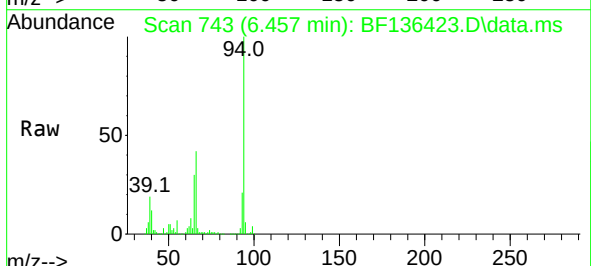
RT: 6.457 min Scan# 743

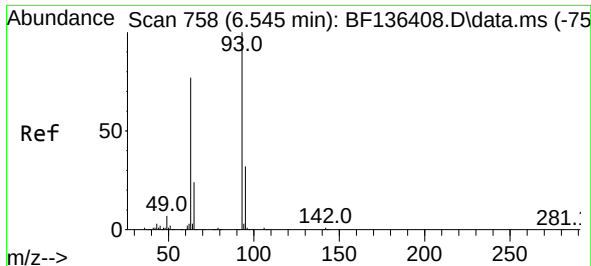
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Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

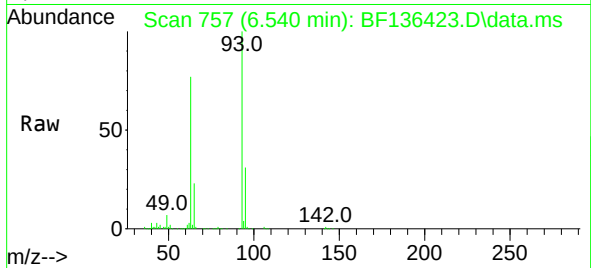
Tgt Ion: 94	Resp: 380909
Ion Ratio	Lower Upper
94 100	
65 29.5	11.2 51.2
66 42.3	24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 45.650 ng
RT: 6.540 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

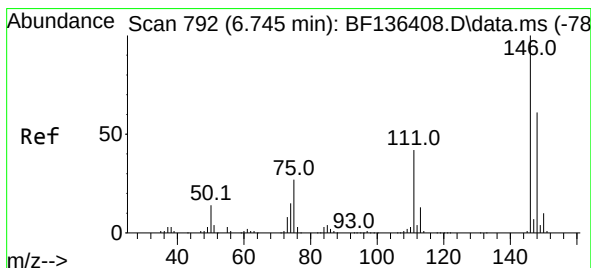
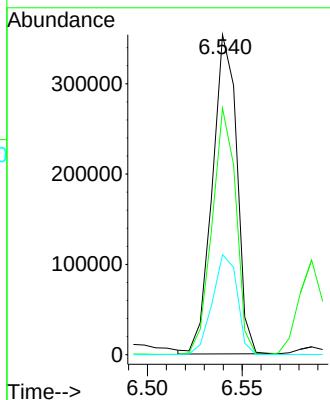
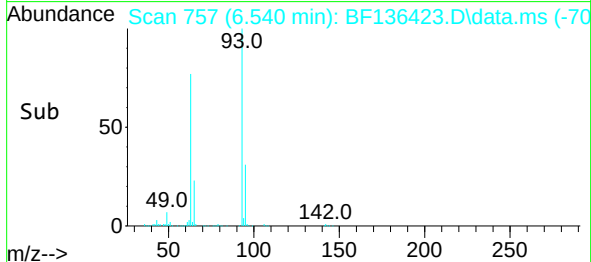
Instrument :
BNA_F
ClientSampleId :
WC-1MS



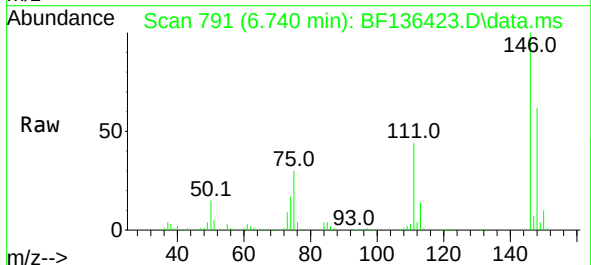
Tgt Ion: 93 Resp: 318630
Ion Ratio Lower Upper
93 100
63 77.0 56.8 96.8
95 31.3 11.8 51.8

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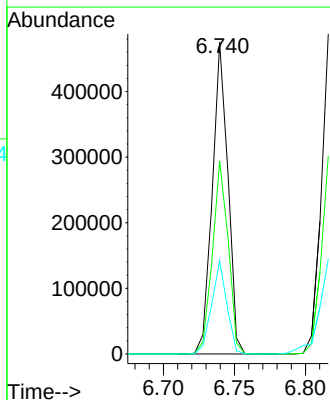
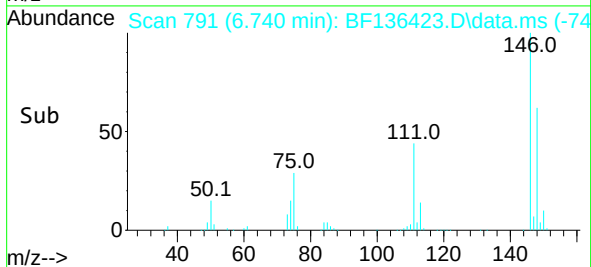
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

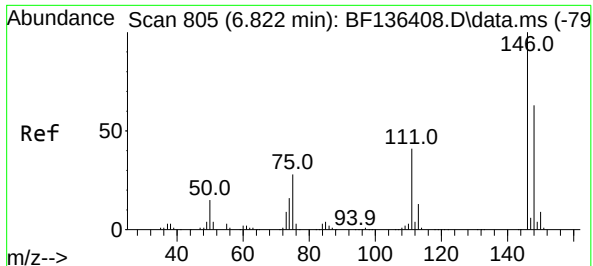


#12
1,3-Dichlorobenzene
Concen: 41.666 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



Tgt Ion:146 Resp: 360810
Ion Ratio Lower Upper
146 100
148 61.9 49.0 73.6
75 29.8 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 42.442 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:146 Resp: 372834

Ion Ratio Lower Upper

146 100

148 61.9 50.3 75.5

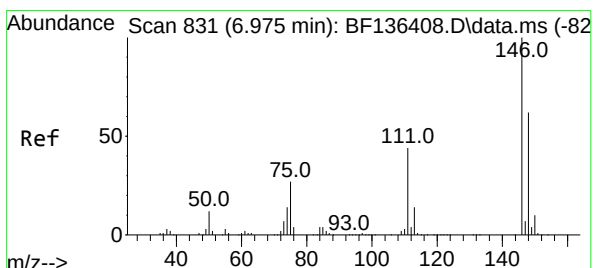
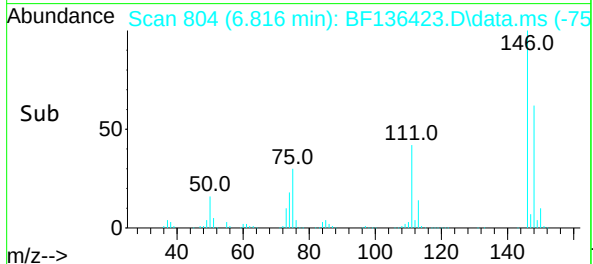
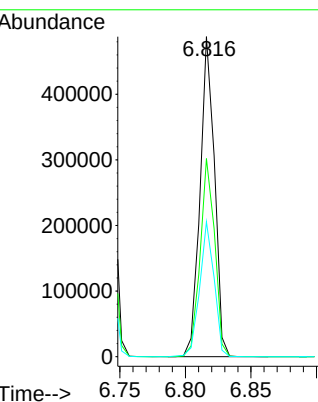
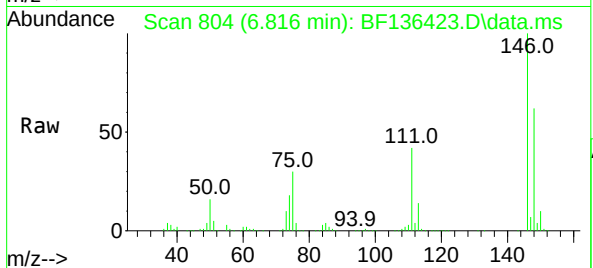
111 42.1 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#14

1,2-Dichlorobenzene

Concen: 42.799 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

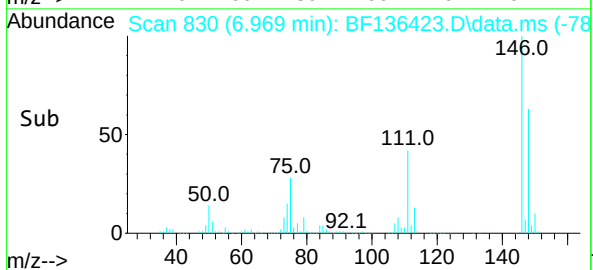
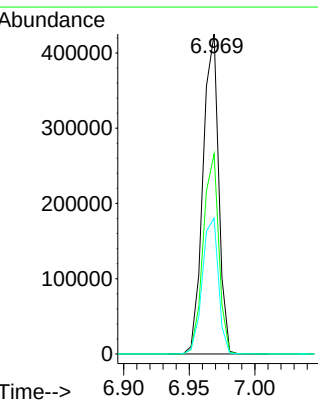
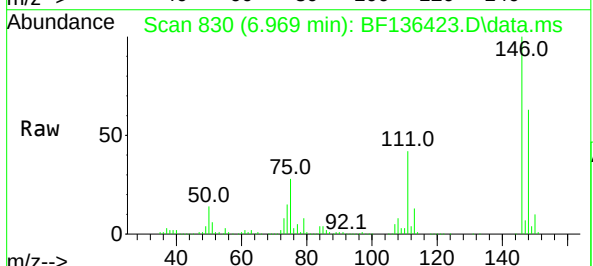
Tgt Ion:146 Resp: 353542

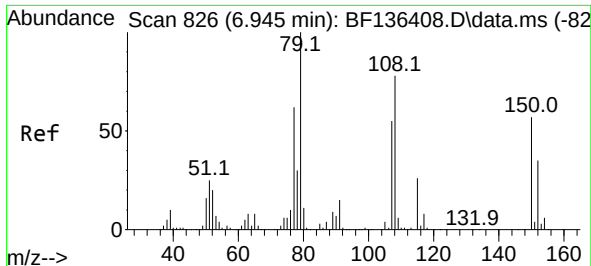
Ion Ratio Lower Upper

146 100

148 62.5 49.8 74.6

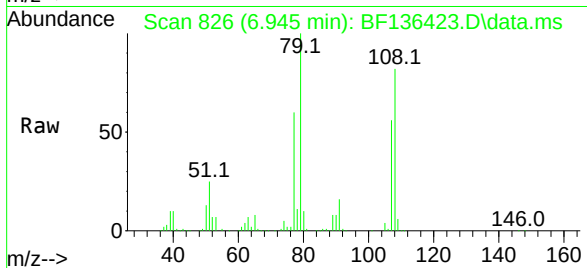
111 42.5 34.9 52.3





#15
Benzyl Alcohol
Concen: 40.495 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

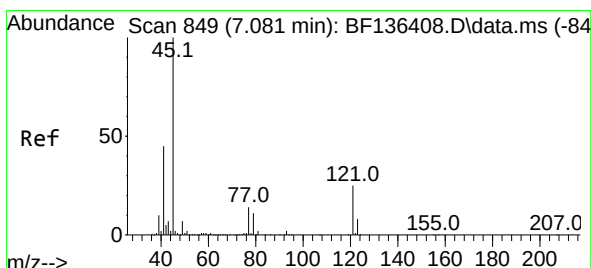
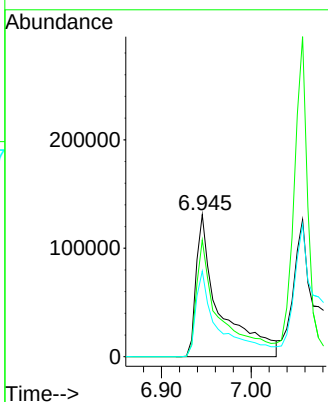
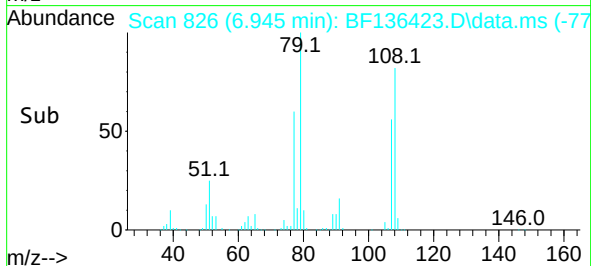
Instrument :
BNA_F
ClientSampleId :
WC-1MS



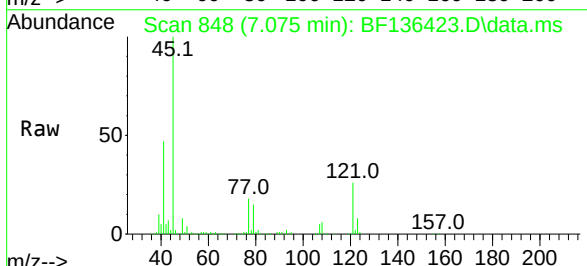
Tgt Ion: 79 Resp: 23863
Ion Ratio Lower Upper
79 100
108 82.1 62.3 93.5
77 60.2 49.8 74.8

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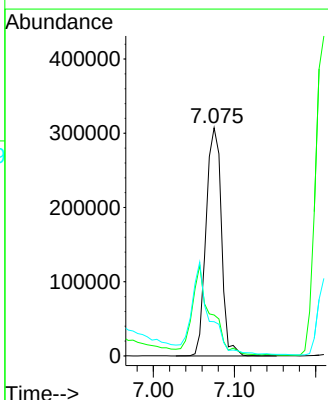
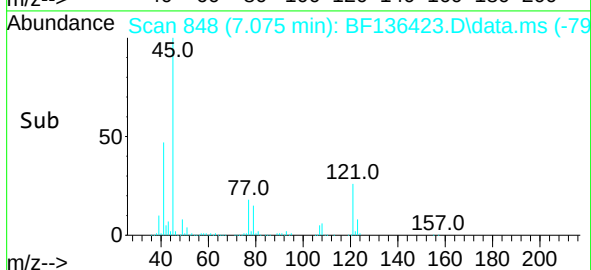
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

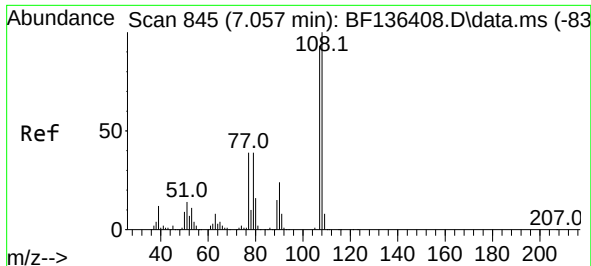


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.728 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



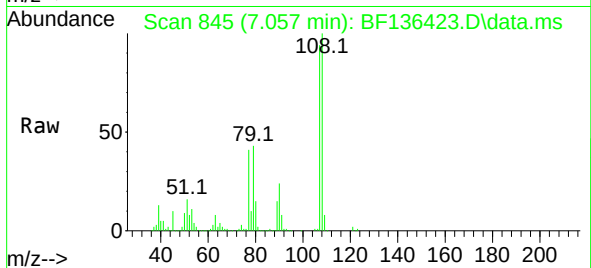
Tgt Ion: 45 Resp: 401534
Ion Ratio Lower Upper
45 100
77 18.0 0.0 35.3
79 15.0 0.0 32.5





#17
2-Methylphenol
Concen: 46.334 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

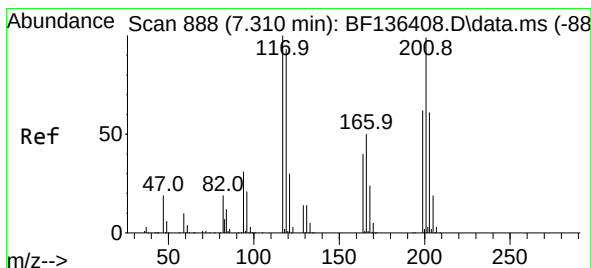
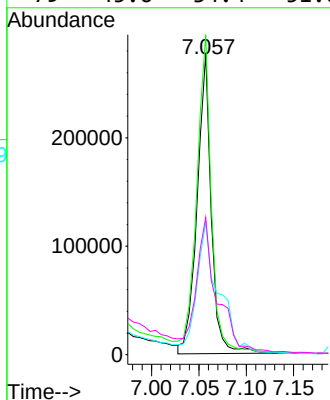
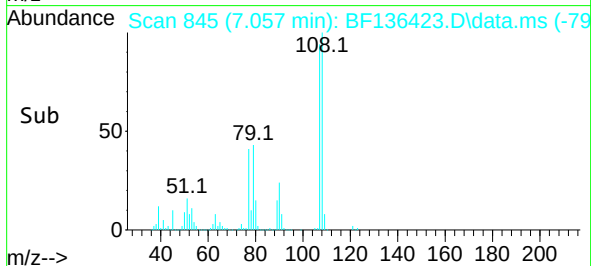
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:	107	Resp:	28824
Ion Ratio	Lower	Upper	
107	100		
108	106.5	86.5	129.7
77	44.1	33.8	50.8
79	45.6	34.4	51.6

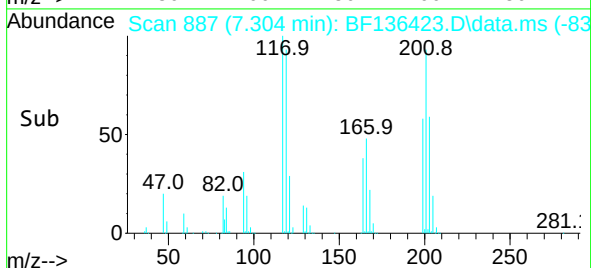
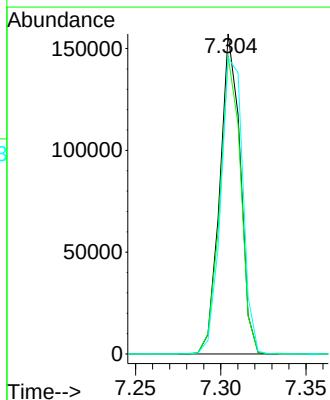
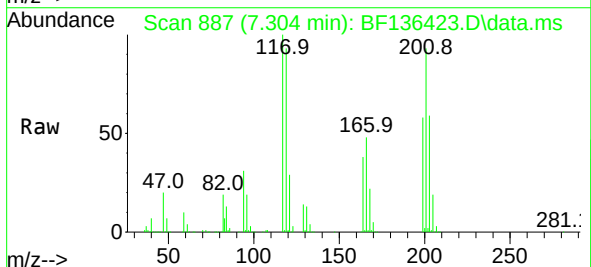
Manual Integrations
APPROVED

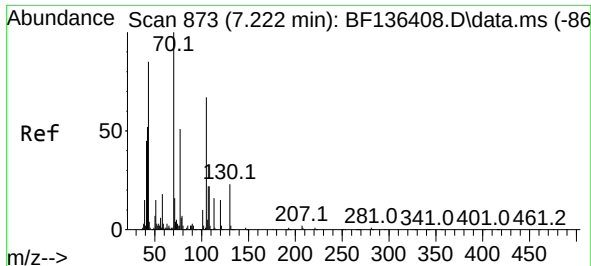
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#18
Hexachloroethane
Concen: 42.696 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

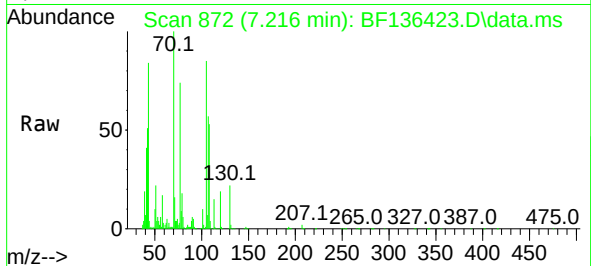
Tgt Ion:	117	Resp:	130947
Ion Ratio	Lower	Upper	
117	100		
119	93.0	74.3	111.5
201	92.6	79.3	118.9





#19
n-Nitroso-di-n-propylamine
Concen: 44.834 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

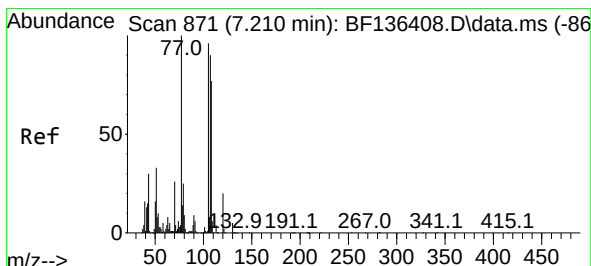
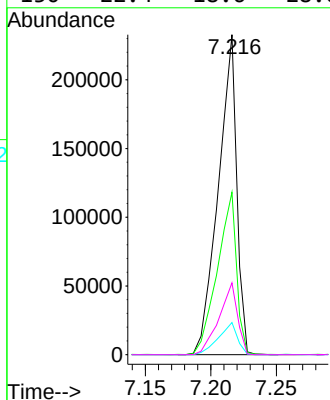
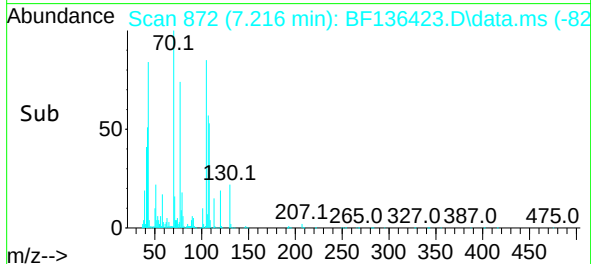
Instrument :
BNA_F
ClientSampleId :
WC-1MS



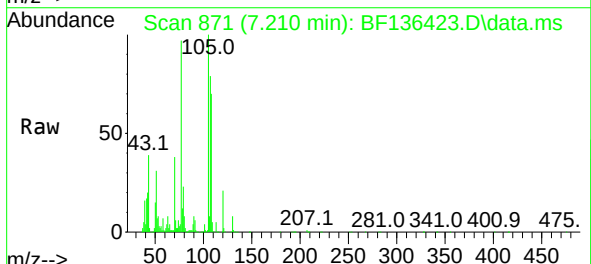
Tgt Ion: 70 Resp: 227594
Ion Ratio Lower Upper
70 100
42 50.8 41.4 62.0
101 10.0 8.2 12.4
130 22.4 18.6 28.0

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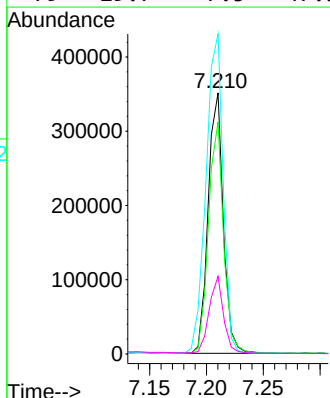
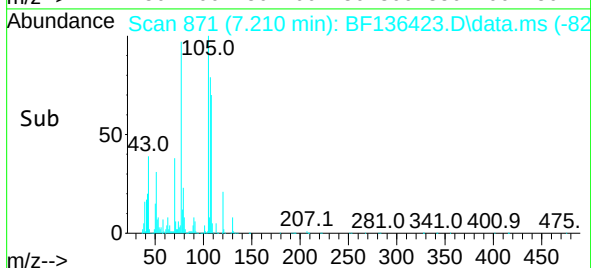
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

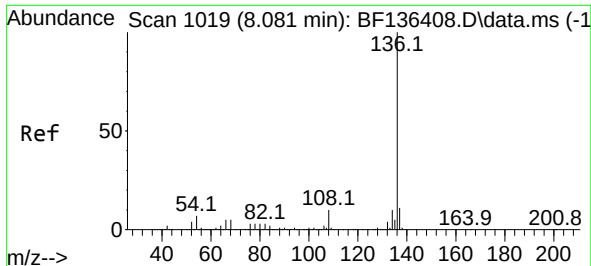


#20
3+4-Methylphenols
Concen: 42.172 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



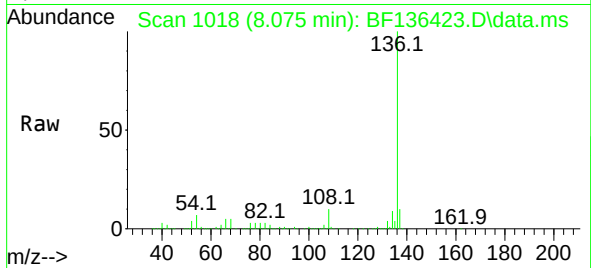
Tgt Ion:107 Resp: 325637
Ion Ratio Lower Upper
107 100
108 88.9 65.9 105.9
77 122.5 91.7 131.7
79 29.7 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

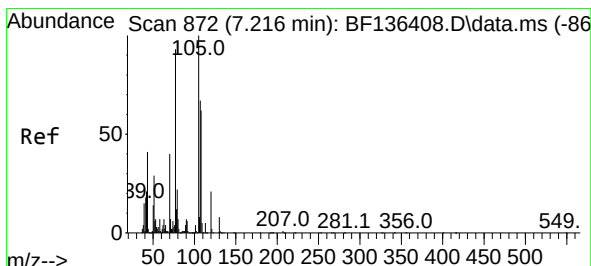
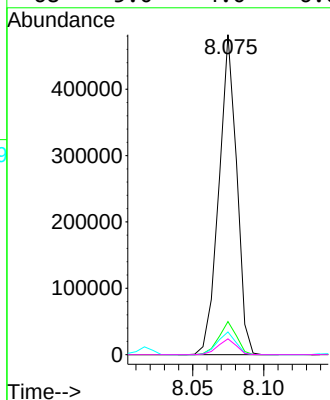
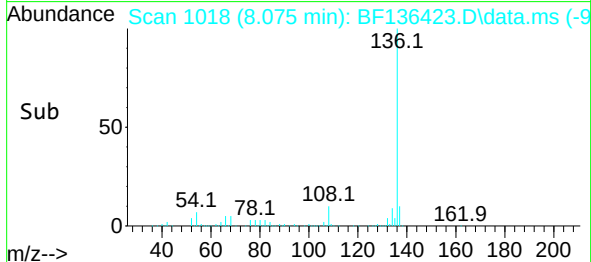
Instrument :
BNA_F
ClientSampleId :
WC-1MS



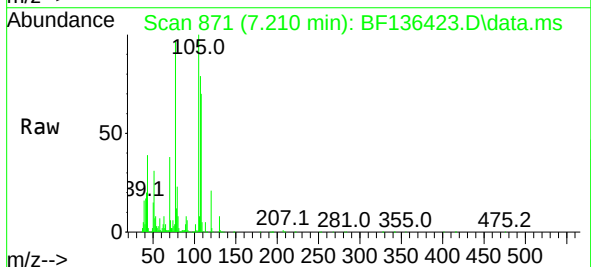
Tgt Ion:136 Resp: 419328
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 7.1 5.7 8.5
68 5.0 4.0 6.0

Manual Integrations
APPROVED

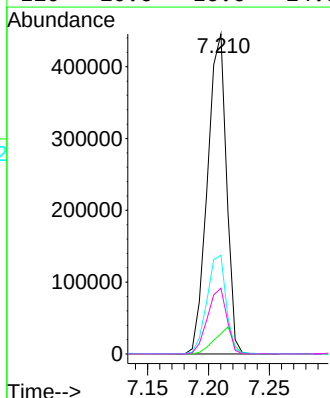
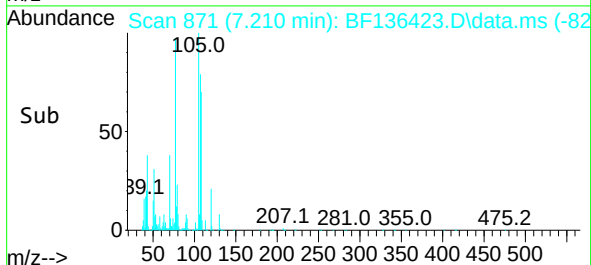
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

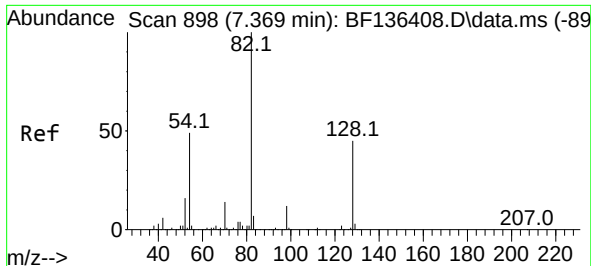


#22
Acetophenone
Concen: 46.738 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



Tgt Ion:105 Resp: 483966
Ion Ratio Lower Upper
105 100
71 6.3 5.4 8.0
51 30.9 23.4 35.2
120 20.6 16.6 24.8





#23

Nitrobenzene-d5

Concen: 87.219 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 82 Resp: 67652

Ion Ratio Lower Upper

82 100

128 46.0 36.3 54.5

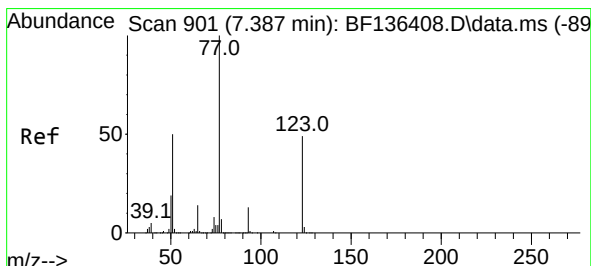
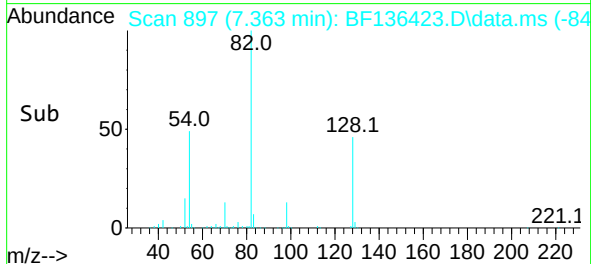
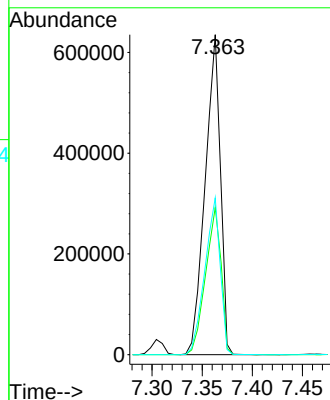
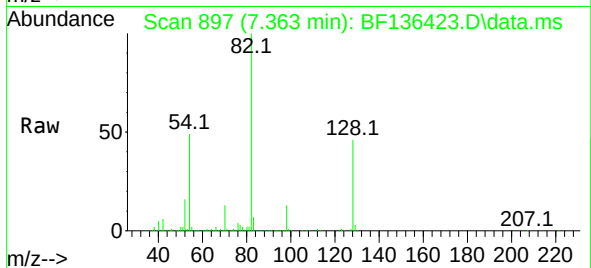
54 49.0 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#24

Nitrobenzene

Concen: 43.791 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

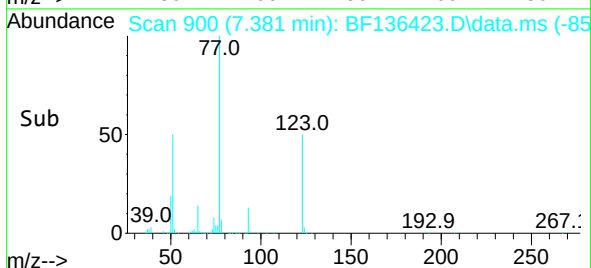
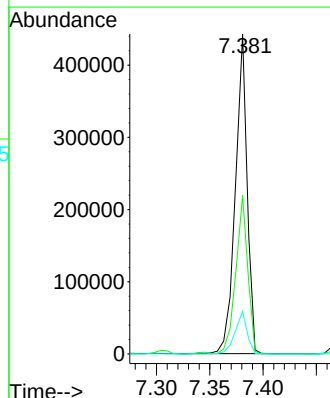
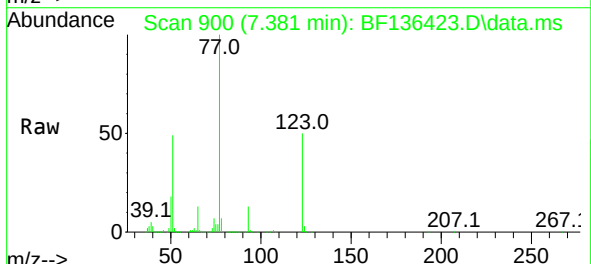
Tgt Ion: 77 Resp: 341701

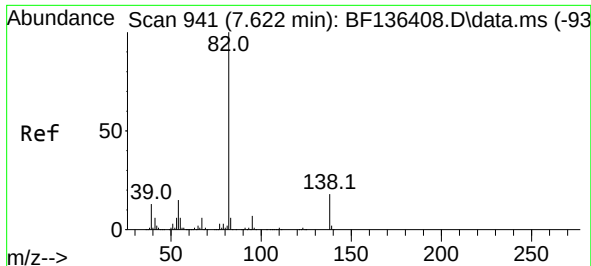
Ion Ratio Lower Upper

77 100

123 49.5 39.0 58.6

65 13.4 11.3 16.9





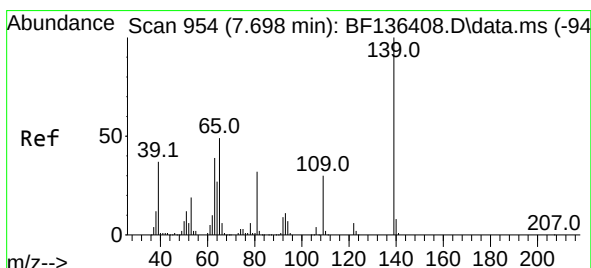
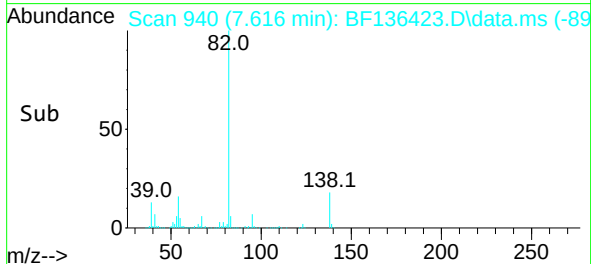
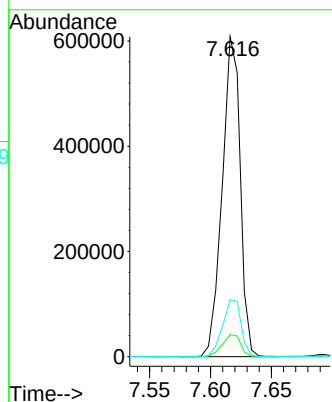
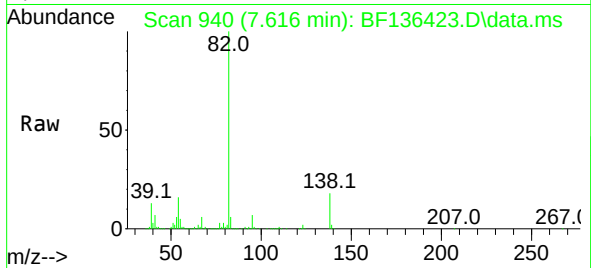
#25
Isophorone
Concen: 45.044 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion: 82 Resp: 62771
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.9 14.5 21.7

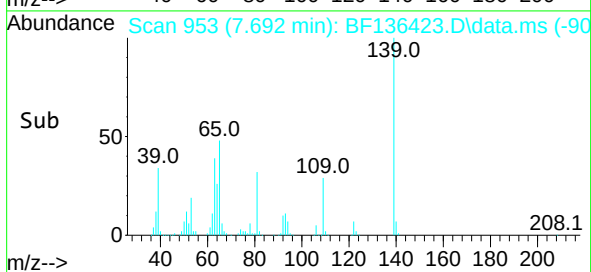
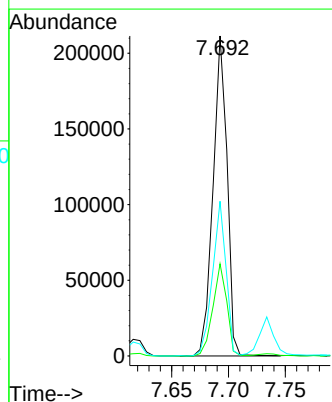
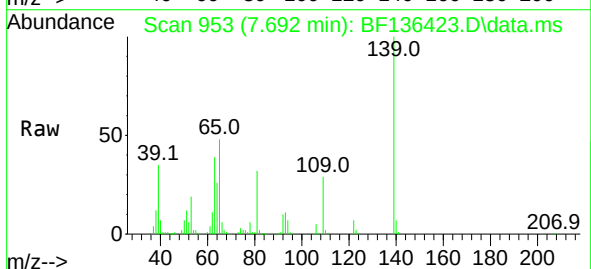
Manual Integrations
APPROVED

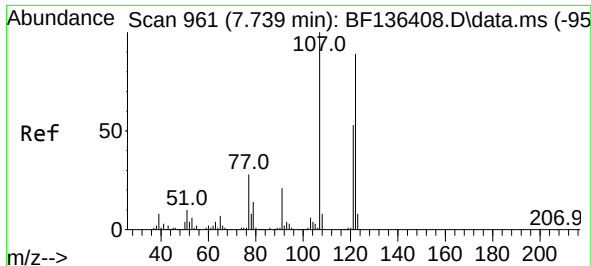
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#26
2-Nitrophenol
Concen: 47.314 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Tgt Ion:139 Resp: 181503
Ion Ratio Lower Upper
139 100
109 28.8 23.6 35.4
65 48.4 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 52.060 ng

RT: 7.734 min Scan# 9

Delta R.T. -0.006 min

Lab File: BF136423.D

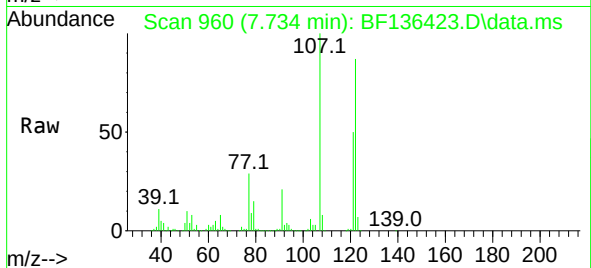
Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS



Tgt Ion:122 Resp: 246250

Ion Ratio Lower Upper

122 100

107 114.8 89.3 133.9

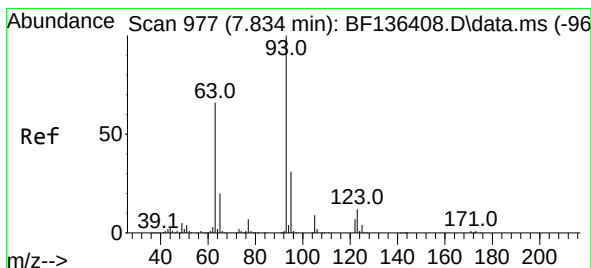
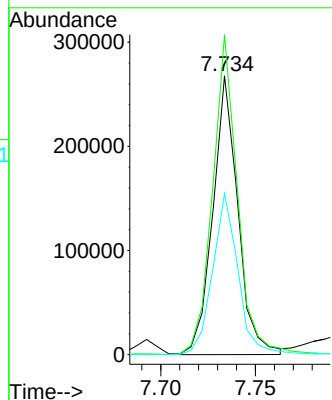
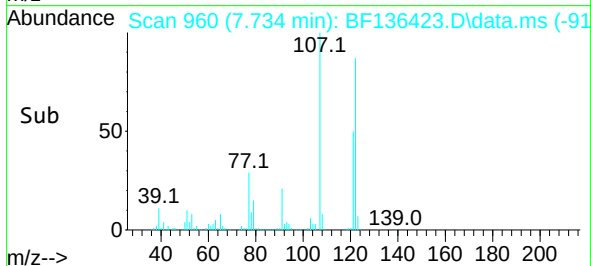
121 57.8 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.938 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

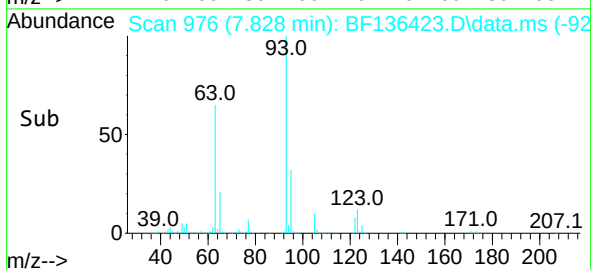
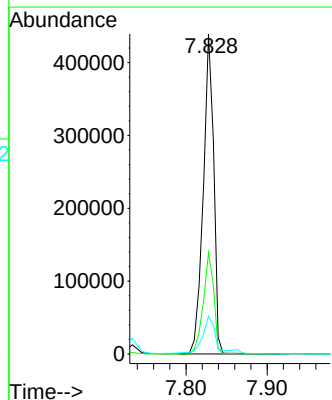
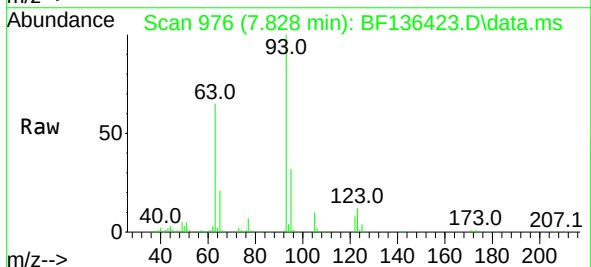
Tgt Ion: 93 Resp: 393377

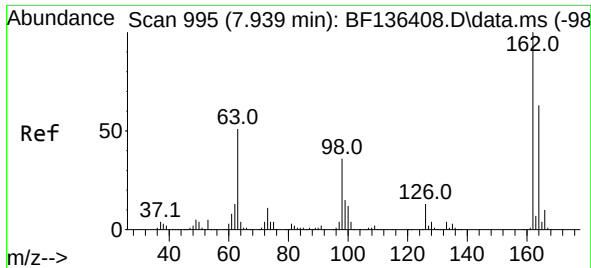
Ion Ratio Lower Upper

93 100

95 31.7 25.0 37.4

123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.712 ng

RT: 7.934 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

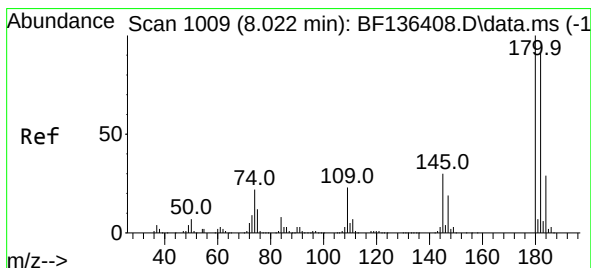
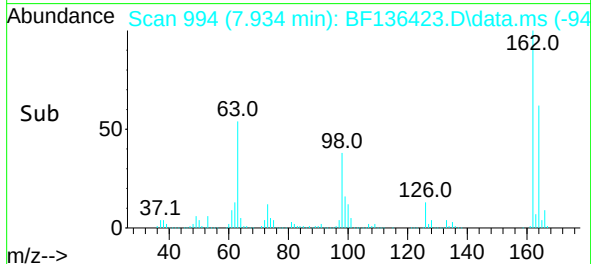
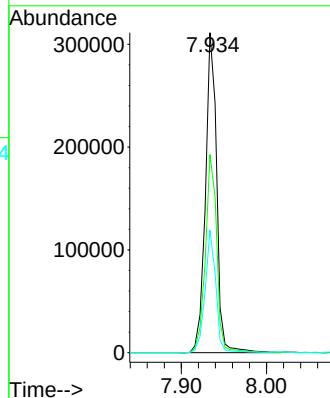
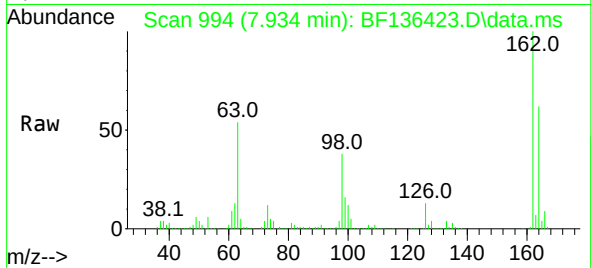
Tgt Ion:162 Resp: 285404
 Ion Ratio Lower Upper
 162 100
 164 61.9 43.0 83.0
 98 38.3 16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.286 ng

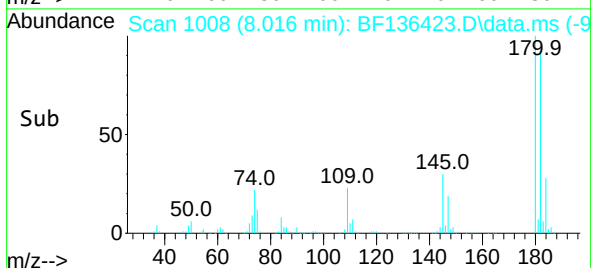
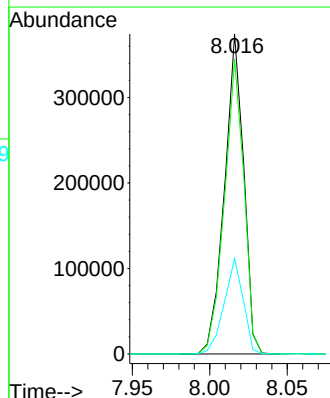
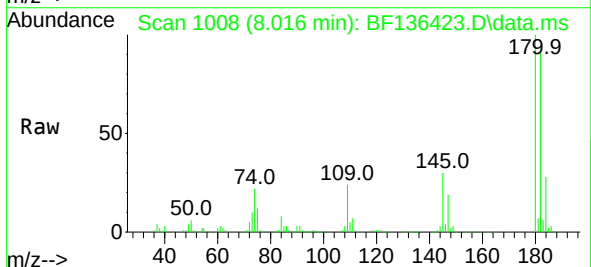
RT: 8.016 min Scan# 1008

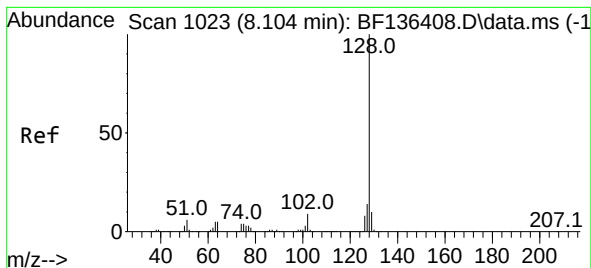
Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Tgt Ion:180 Resp: 322415
 Ion Ratio Lower Upper
 180 100
 182 92.0 73.1 109.7
 145 29.9 23.8 35.8





#31

Naphthalene

Concen: 44.266 ng

RT: 8.098 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:128 Resp: 1023628

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

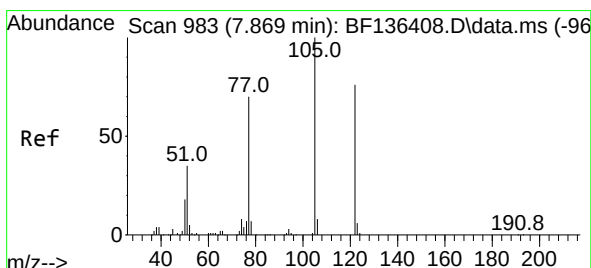
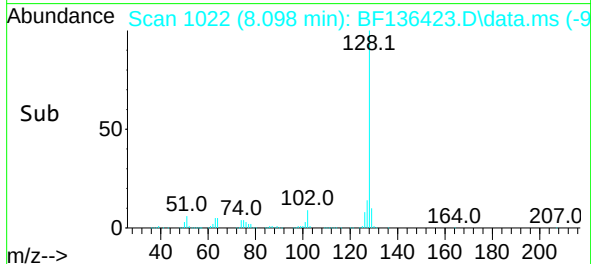
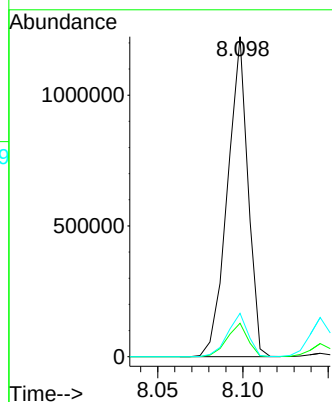
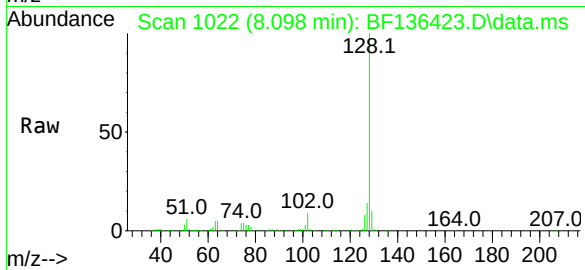
127 13.5 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#32

Benzoic acid

Concen: 44.548 ng

RT: 7.863 min Scan# 982

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

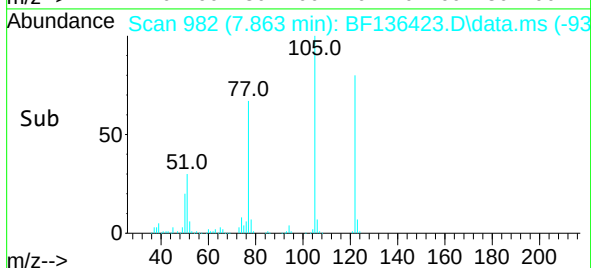
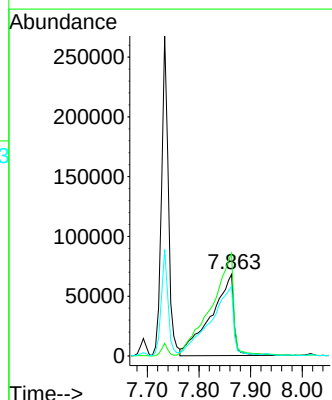
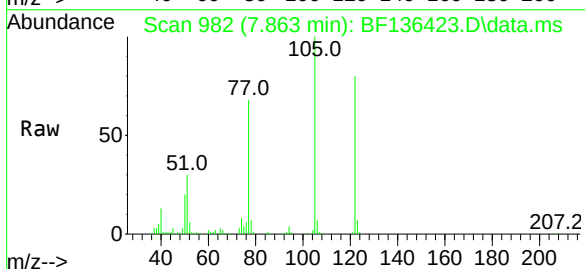
Tgt Ion:122 Resp: 209037

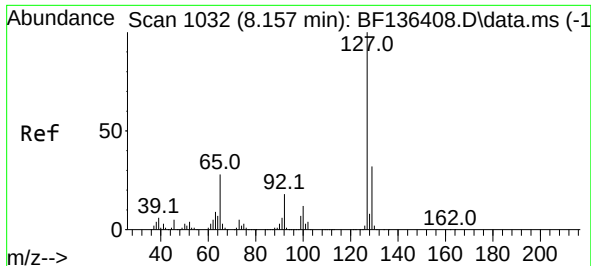
Ion Ratio Lower Upper

122 100

105 125.8 104.7 144.7

77 85.3 68.5 108.5





#33
4-Chloroaniline
Concen: 18.139 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

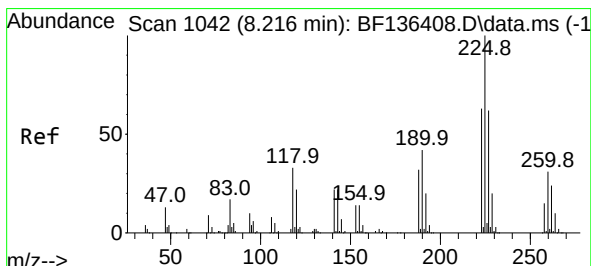
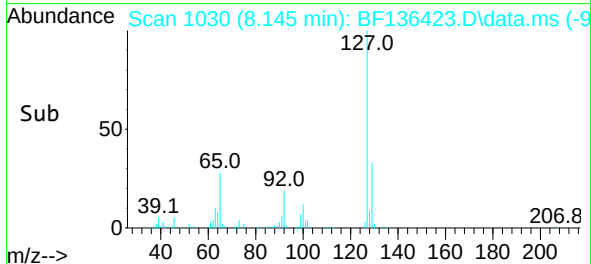
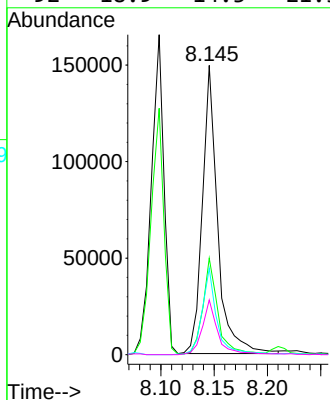
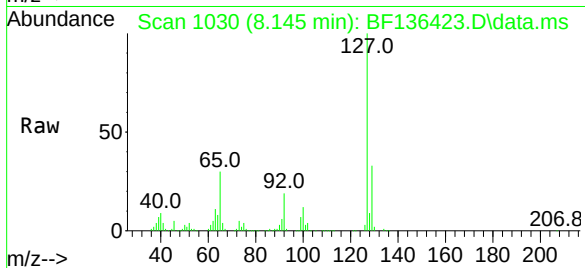
WC-1MS

Tgt Ion:127 Resp: 149540
Ion Ratio Lower Upper
127 100
129 33.3 25.4 38.2
65 29.9 22.5 33.7
92 18.9 14.3 21.5

Manual Integrations

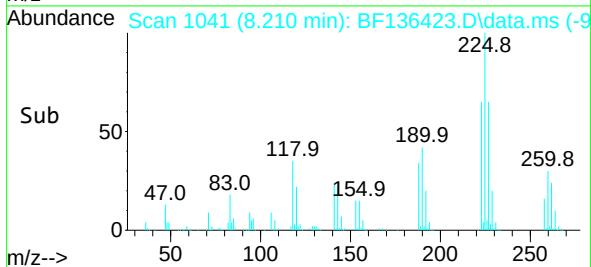
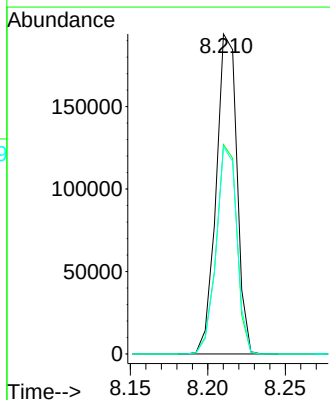
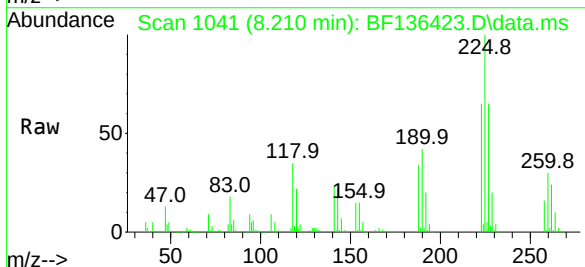
APPROVED

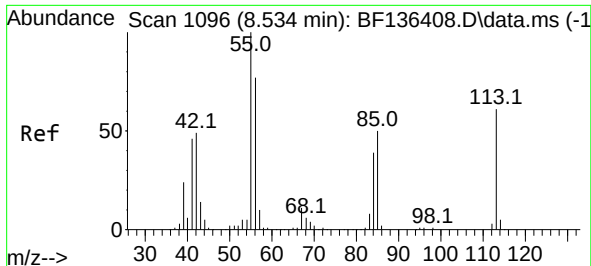
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#34
Hexachlorobutadiene
Concen: 41.887 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Tgt Ion:225 Resp: 180728
Ion Ratio Lower Upper
225 100
223 65.5 50.8 76.2
227 64.8 49.8 74.8





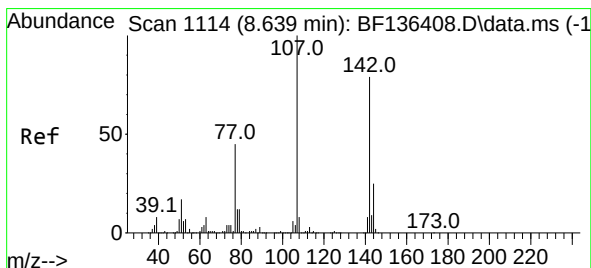
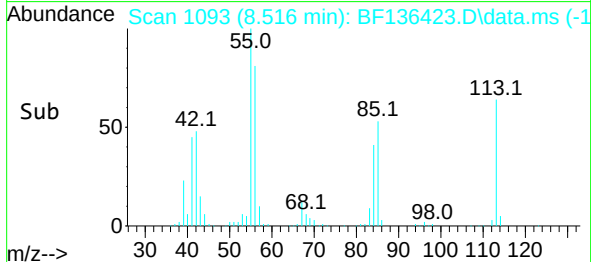
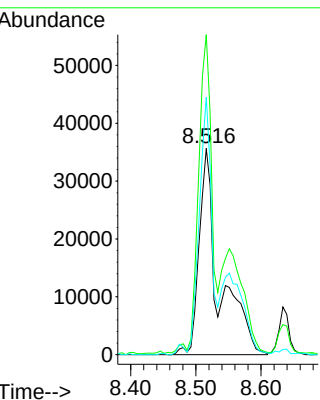
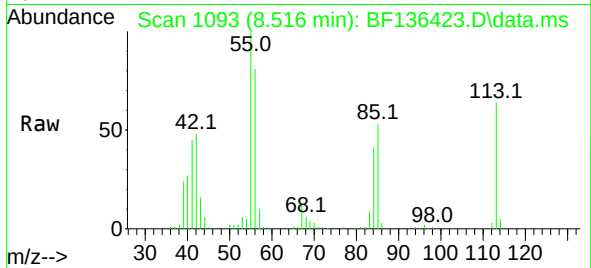
#35
Caprolactam
Concen: 39.725 ng m
RT: 8.516 min Scan# 1109
Delta R.T. -0.018 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:113 Resp: 76380
Ion Ratio Lower Upper
113 100
55 155.1 143.7 183.7
56 124.9 105.2 145.2

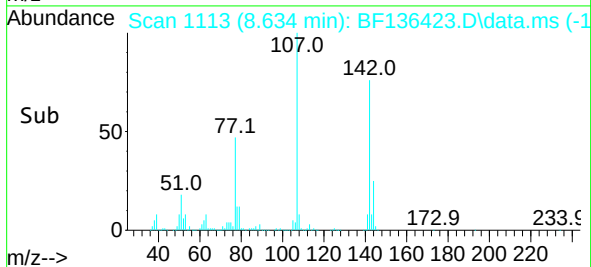
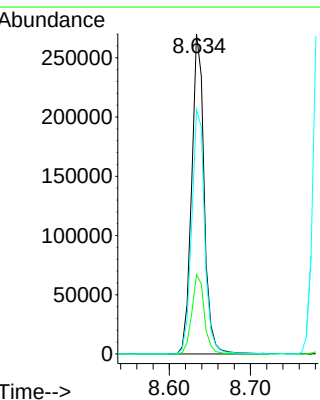
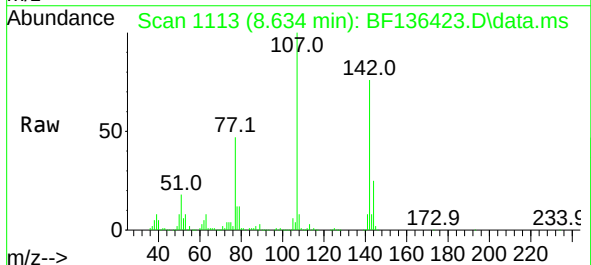
Manual Integrations
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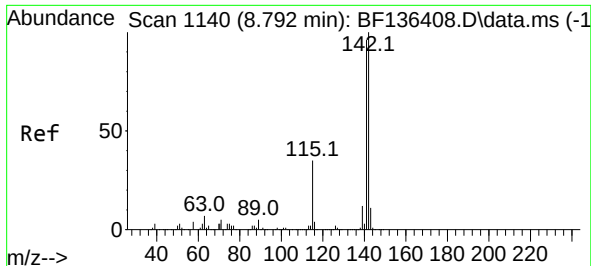
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#36
4-Chloro-3-methylphenol
Concen: 43.540 ng
RT: 8.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Tgt Ion:107 Resp: 288637
Ion Ratio Lower Upper
107 100
144 24.8 20.1 30.1
142 76.4 63.1 94.7





#37

2-Methylnaphthalene

Concen: 43.330 ng

RT: 8.792 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:142 Resp: 63744

Ion Ratio Lower Upper

142 100

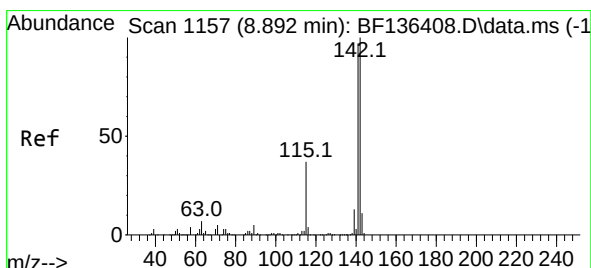
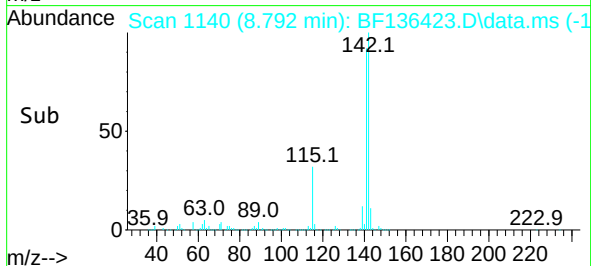
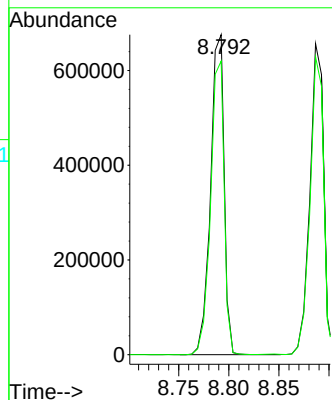
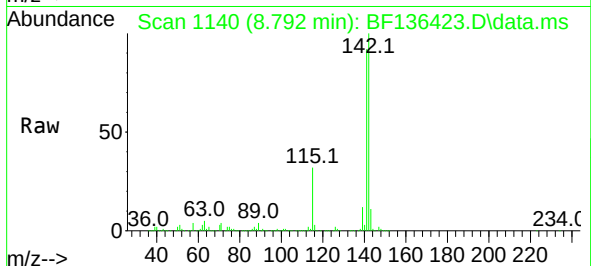
141 91.7 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#38

1-Methylnaphthalene

Concen: 42.990 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF136423.D

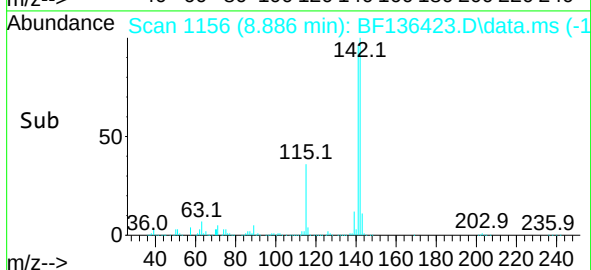
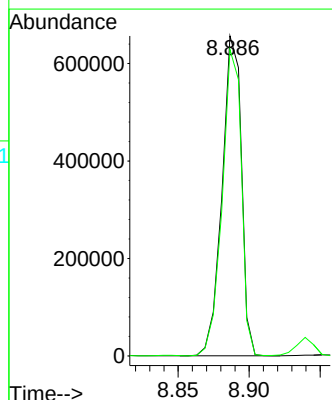
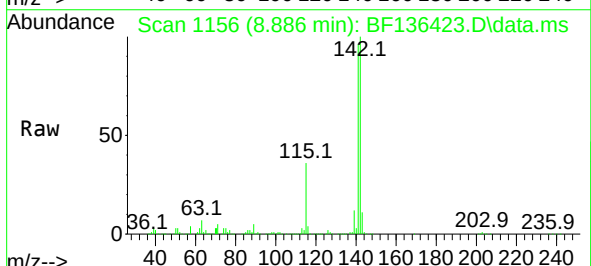
Acq: 06 Dec 2023 12:26

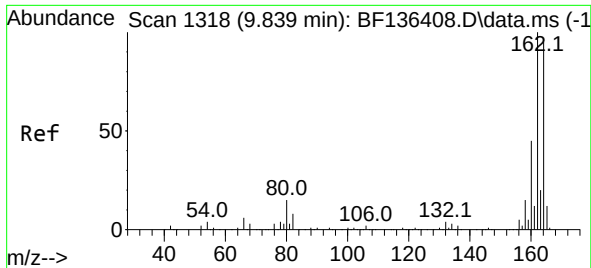
Tgt Ion:142 Resp: 620606

Ion Ratio Lower Upper

142 100

141 95.8 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:164 Resp: 19896

Ion Ratio Lower Upper

164 100

162 103.0 84.4 126.6

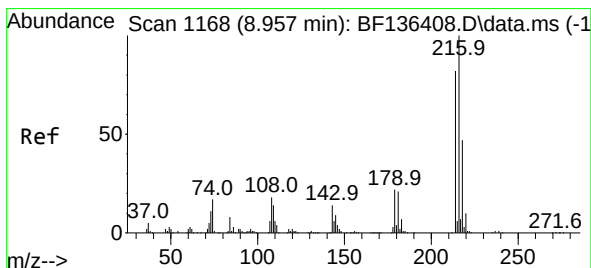
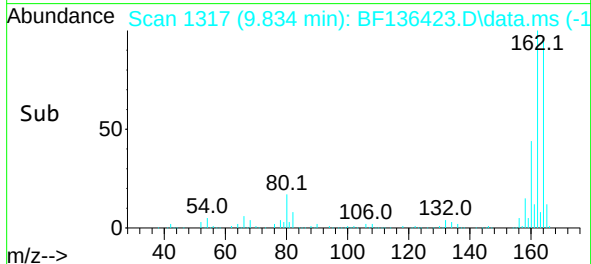
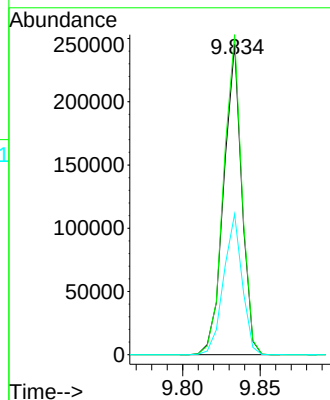
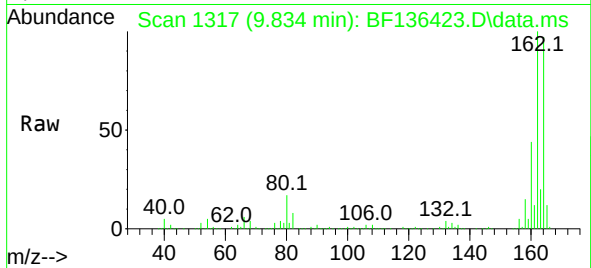
160 45.3 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.038 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Tgt Ion:216 Resp: 309739

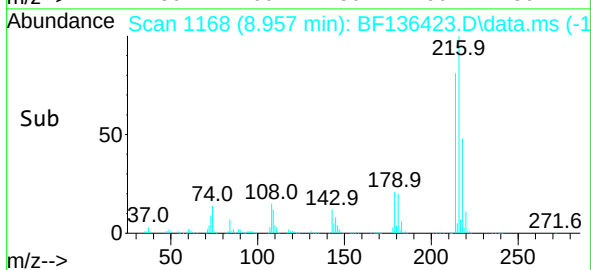
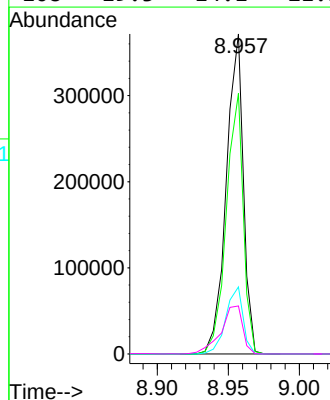
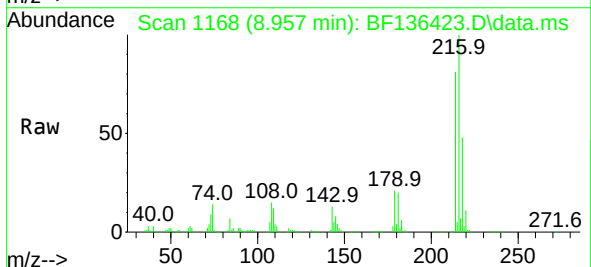
Ion Ratio Lower Upper

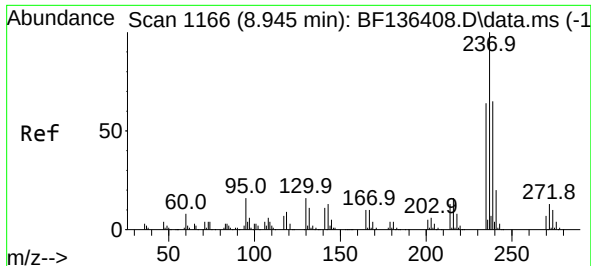
216 100

214 81.1 64.1 96.1

179 21.1 17.0 25.6

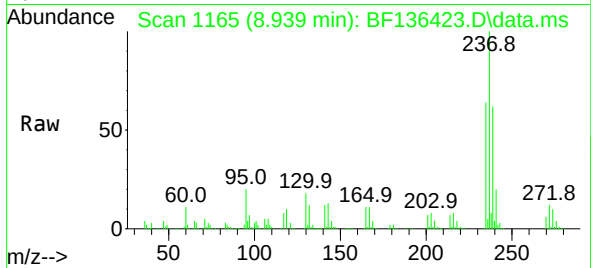
108 19.3 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 123.462 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

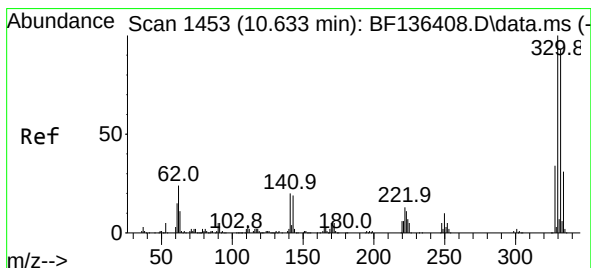
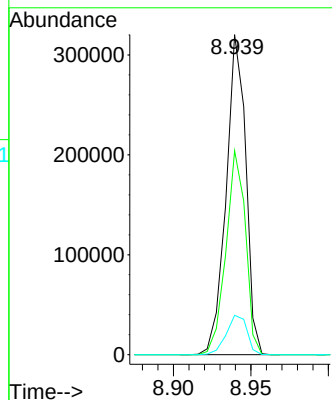
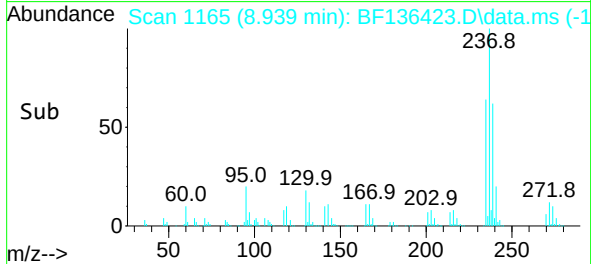
Instrument :
BNA_F
ClientSampleId :
WC-1MS



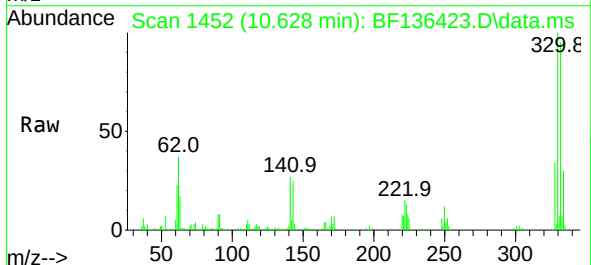
Tgt Ion:237 Resp: 283130
Ion Ratio Lower Upper
237 100
235 63.8 44.1 84.1
272 12.3 0.0 33.3

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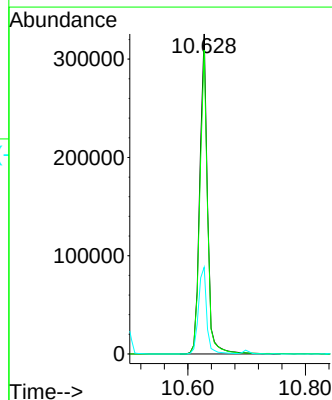
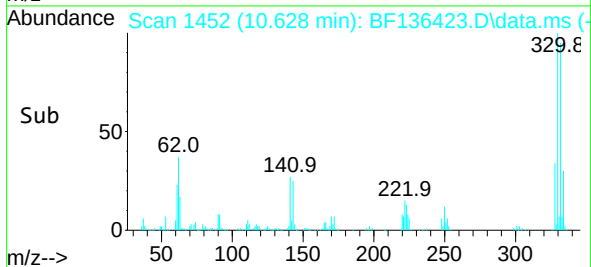
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

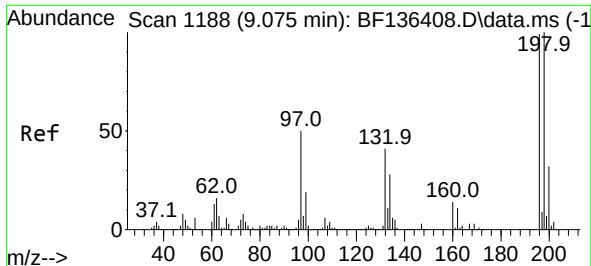


#42
2,4,6-Tribromophenol
Concen: 120.413 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



Tgt Ion:330 Resp: 295404
Ion Ratio Lower Upper
330 100
332 94.6 76.4 114.6
141 29.0 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 48.639 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:196 Resp: 196040

Ion Ratio Lower Upper

196 100

198 96.6 80.4 120.6

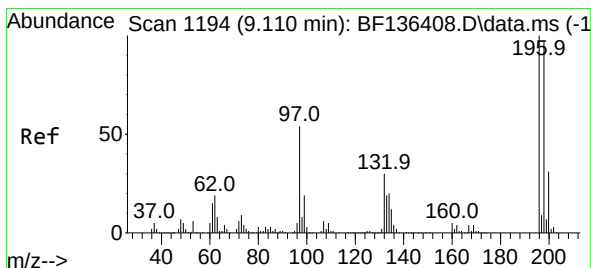
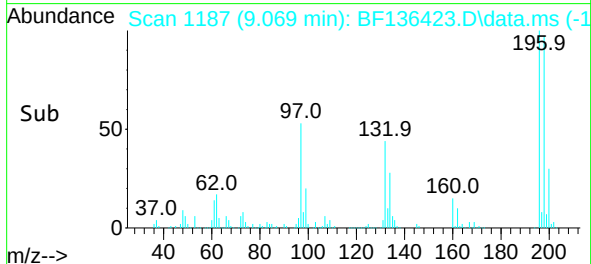
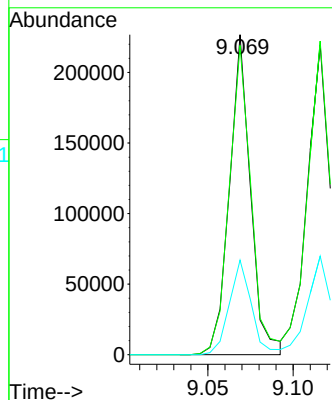
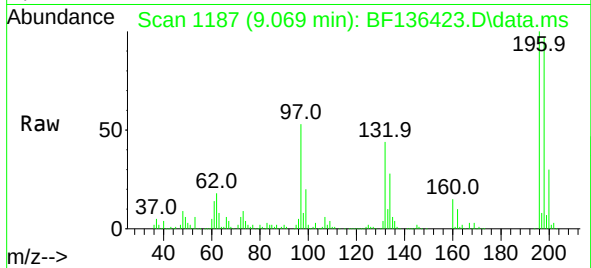
200 29.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#44

2,4,5-Trichlorophenol

Concen: 47.307 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Tgt Ion:196 Resp: 212811

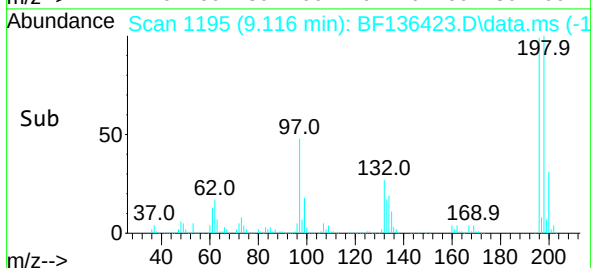
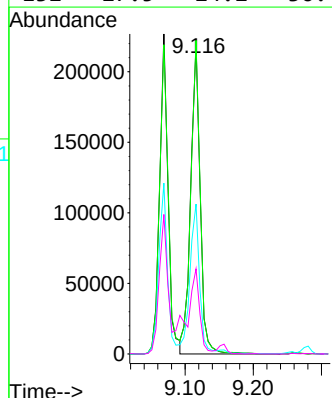
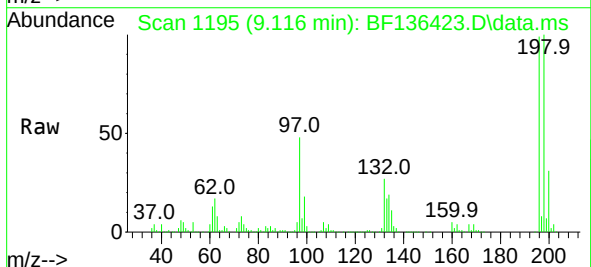
Ion Ratio Lower Upper

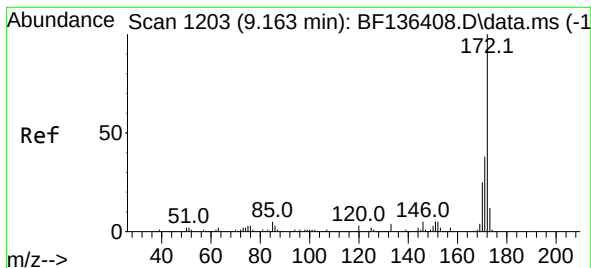
196 100

198 101.2 78.1 117.1

97 48.4 43.4 65.2

132 27.5 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 90.876 ng

RT: 9.157 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:172 Resp: 1325109

Ion Ratio Lower Upper

172 100

171 37.8 30.5 45.7

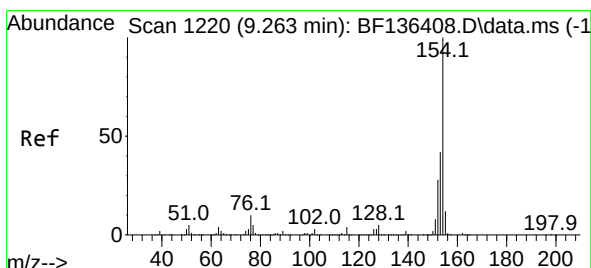
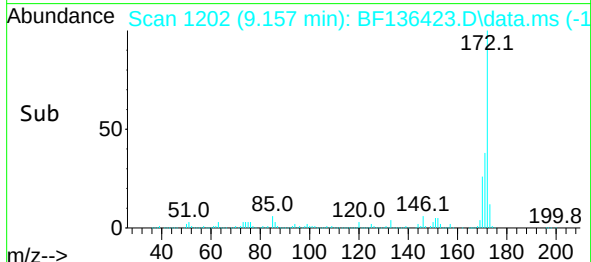
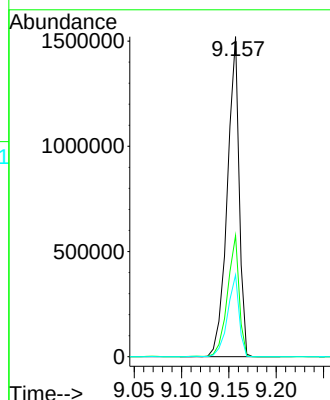
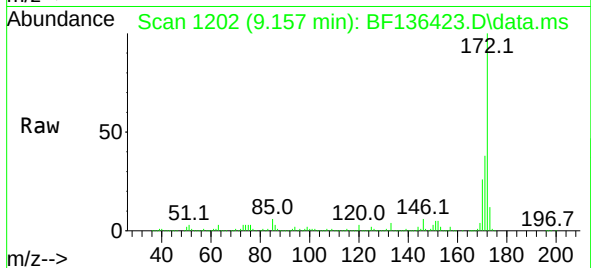
170 25.6 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#46

1,1'-Biphenyl

Concen: 48.875 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

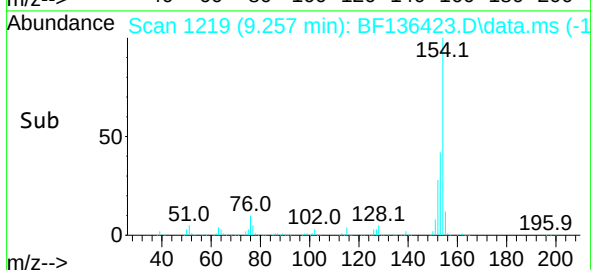
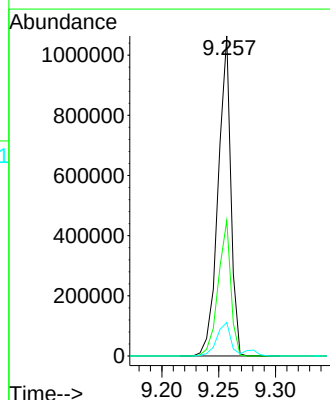
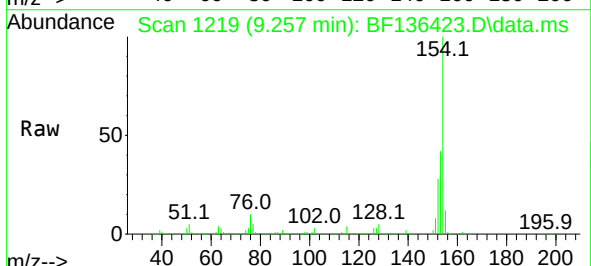
Tgt Ion:154 Resp: 827442

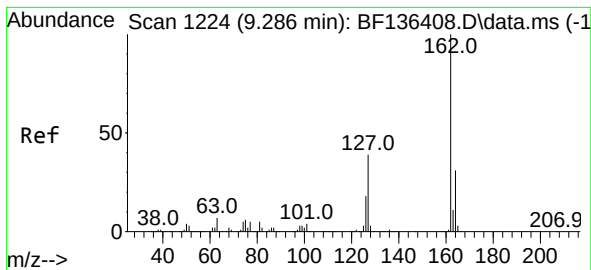
Ion Ratio Lower Upper

154 100

153 42.3 22.5 62.5

76 10.4 0.0 29.9





#47

2-Chloronaphthalene

Concen: 47.091 ng

RT: 9.281 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

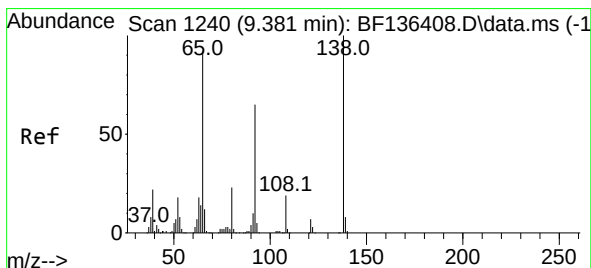
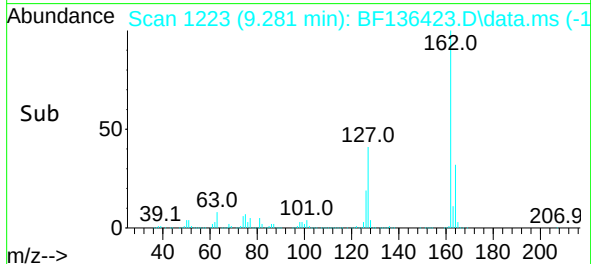
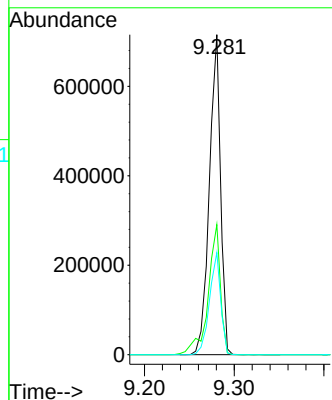
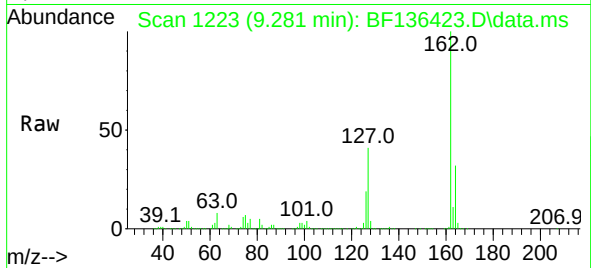
Tgt Ion:	162	Resp:	620510
Ion Ratio	Lower	Upper	
162	100		
127	40.6	31.1	46.7
164	31.9	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#48

2-Nitroaniline

Concen: 46.774 ng

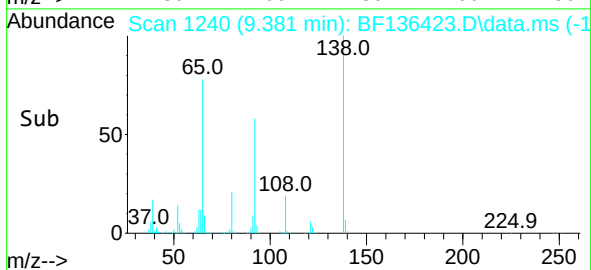
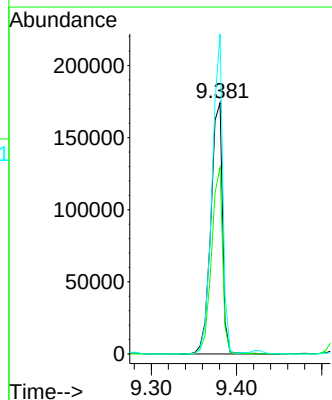
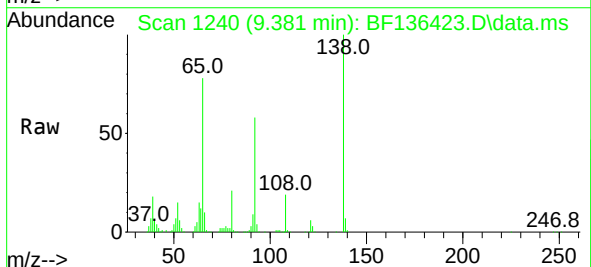
RT: 9.381 min Scan# 1240

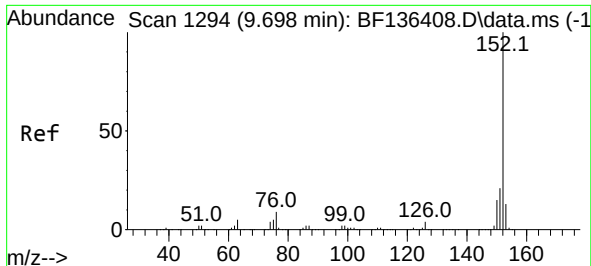
Delta R.T. 0.000 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

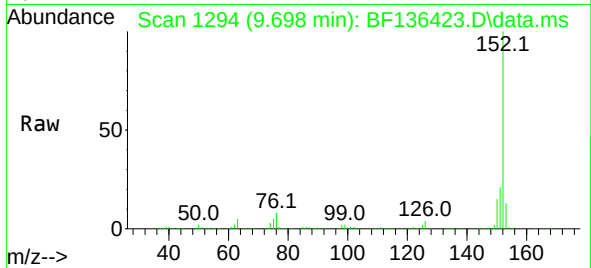
Tgt Ion:	65	Resp:	165304
Ion Ratio	Lower	Upper	
65	100		
92	74.3	56.1	84.1
138	127.5	86.7	130.1





#49
Acenaphthylene
Concen: 50.450 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

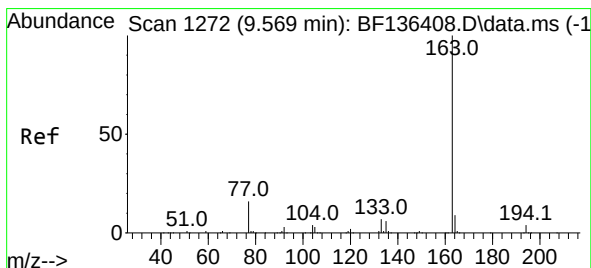
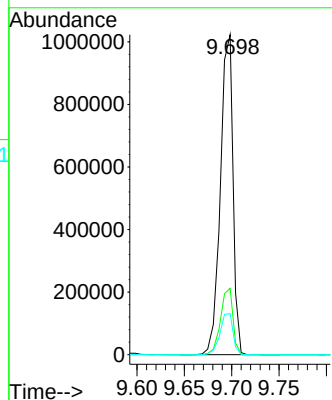
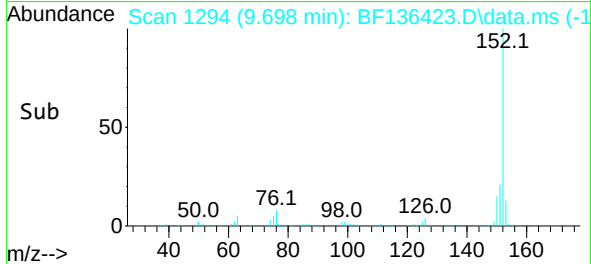
Instrument :
BNA_F
ClientSampleId :
WC-1MS



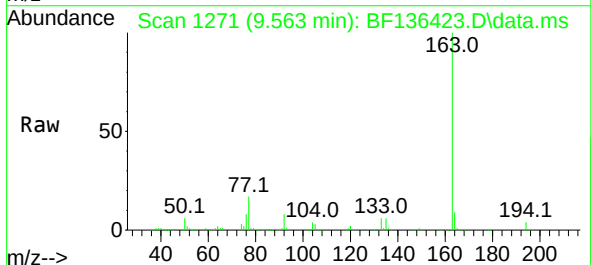
Tgt Ion:152 Resp: 946992
Ion Ratio Lower Upper
152 100
151 20.7 17.2 25.8
153 12.8 10.6 15.8

Manual Integrations
APPROVED

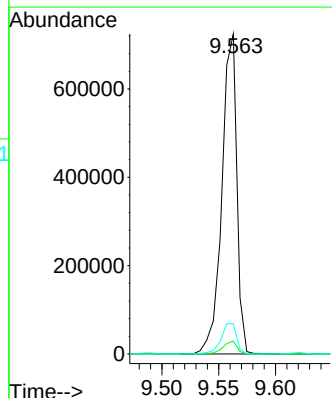
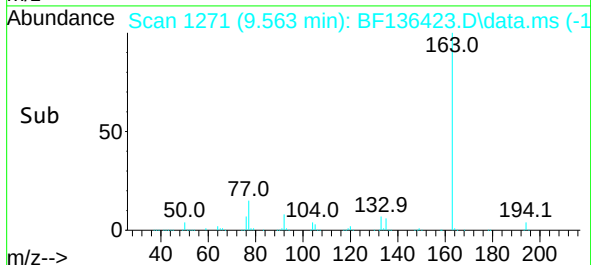
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

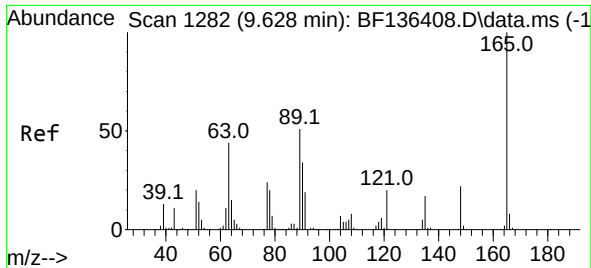


#50
Dimethylphthalate
Concen: 45.420 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



Tgt Ion:163 Resp: 665327
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.5 7.4 11.2





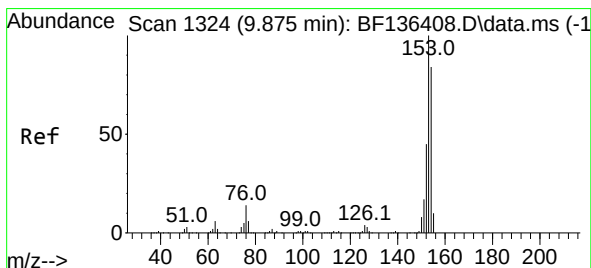
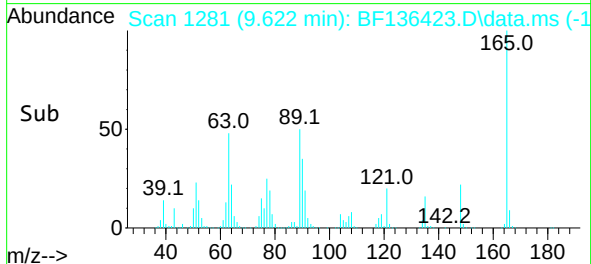
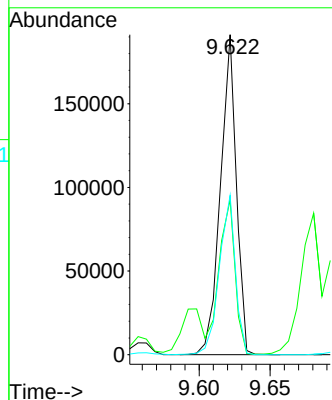
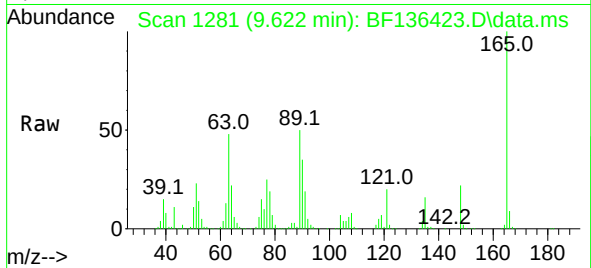
#51
2,6-Dinitrotoluene
Concen: 45.213 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:165 Resp: 14900
Ion Ratio Lower Upper
165 100
63 48.4 40.4 60.6
89 49.8 40.6 60.8

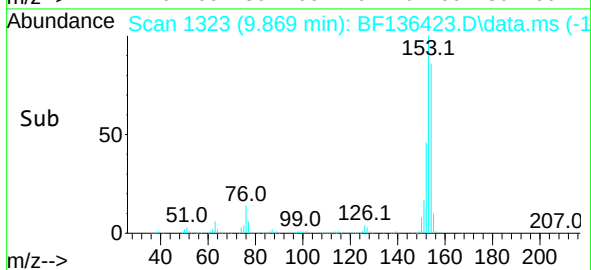
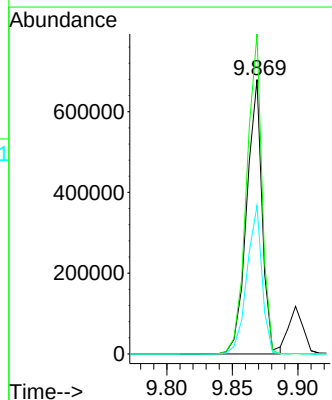
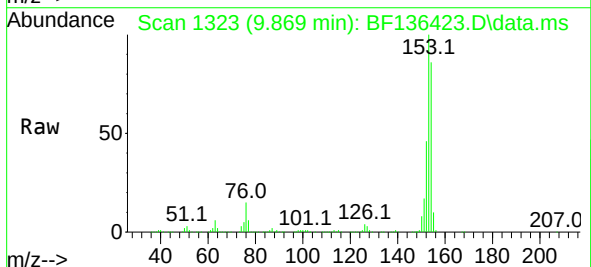
Manual Integrations
APPROVED

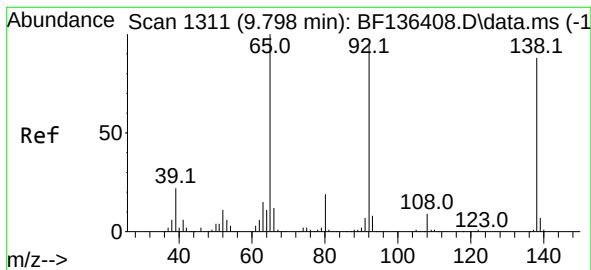
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#52
Acenaphthene
Concen: 46.653 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

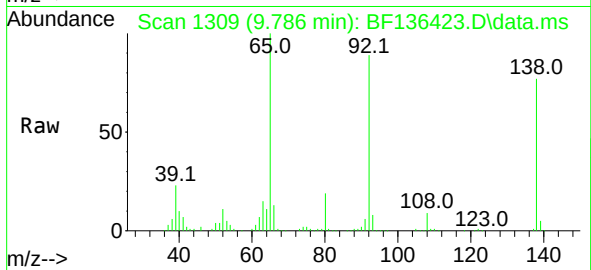
Tgt Ion:154 Resp: 561169
Ion Ratio Lower Upper
154 100
153 116.6 95.3 142.9
152 54.1 43.2 64.8





#53
3-Nitroaniline
Concen: 32.494 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

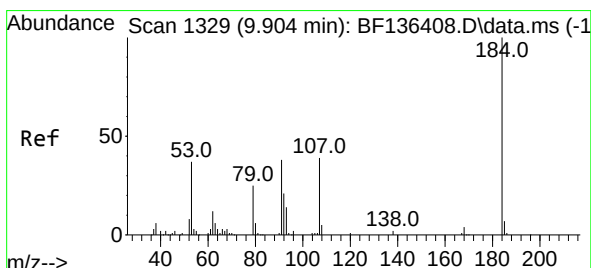
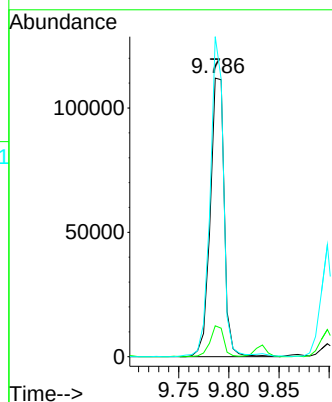
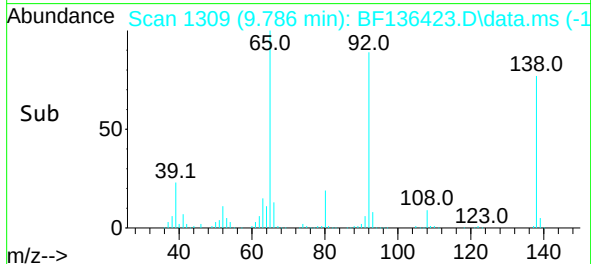
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:138 Resp: 109352
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 114.9 86.1 129.1

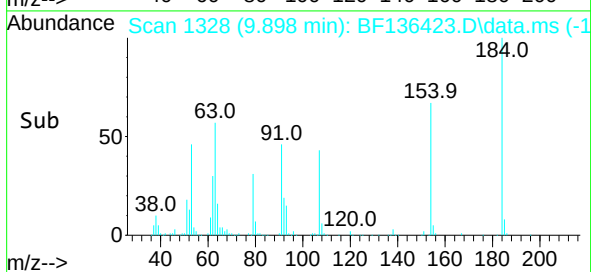
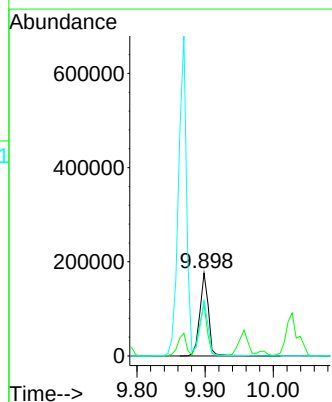
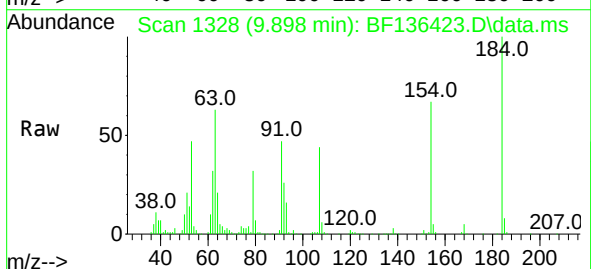
Manual Integrations
APPROVED

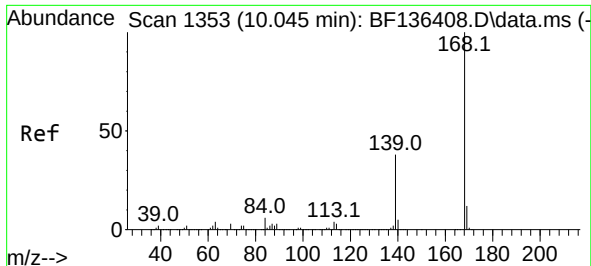
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#54
2,4-Dinitrophenol
Concen: 93.563 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

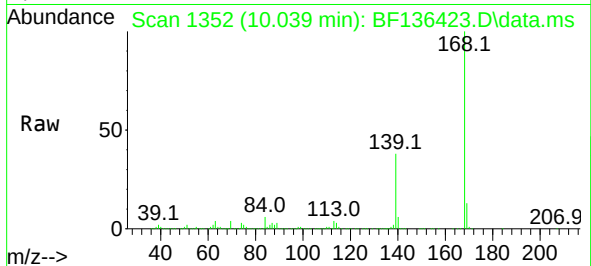
Tgt Ion:184 Resp: 155895
Ion Ratio Lower Upper
184 100
63 62.8 39.1 58.7#
154 67.1 49.9 74.9





#55
Dibenzenofuran
Concen: 47.117 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

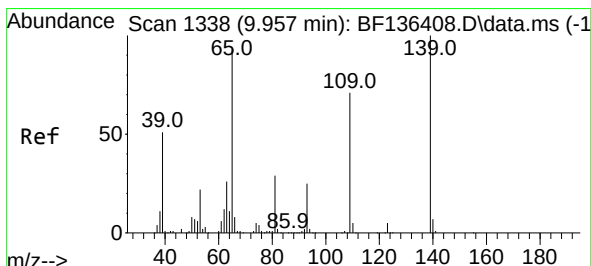
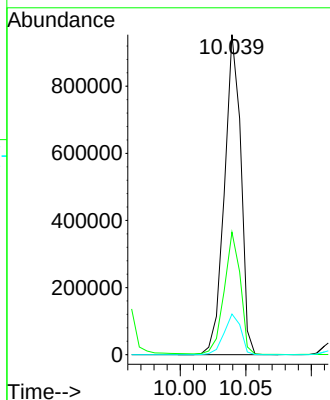
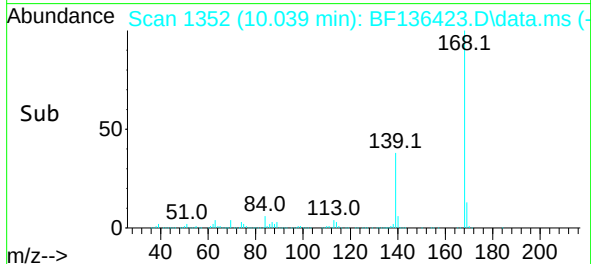
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:168 Resp: 827944
Ion Ratio Lower Upper
168 100
139 38.3 30.4 45.6
169 12.7 9.9 14.9

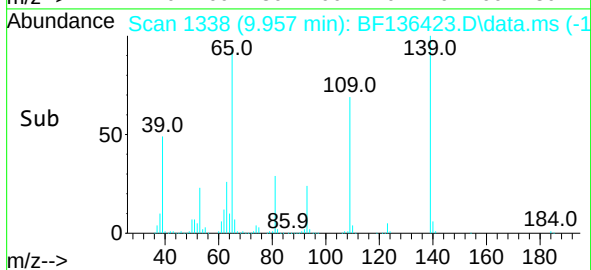
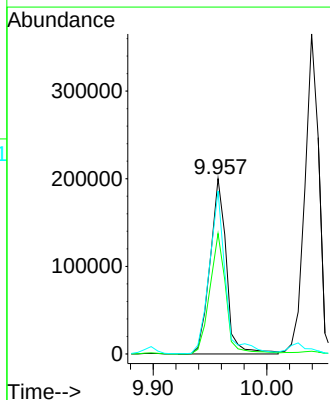
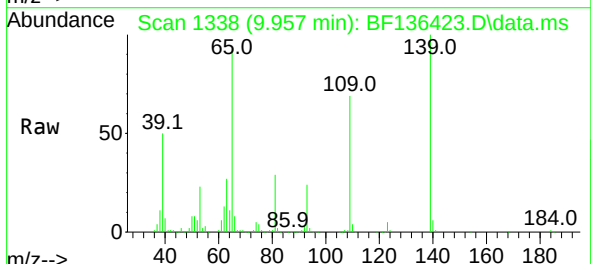
Manual Integrations
APPROVED

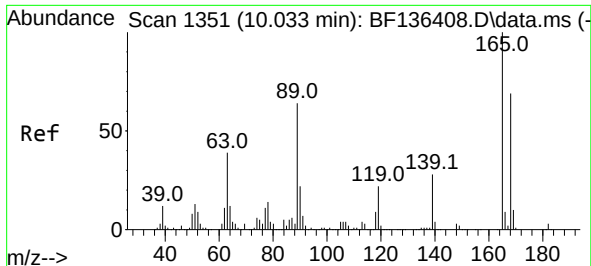
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#56
4-Nitrophenol
Concen: 79.176 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Tgt Ion:139 Resp: 199741
Ion Ratio Lower Upper
139 100
109 68.7 50.6 90.6
65 92.9 73.1 113.1





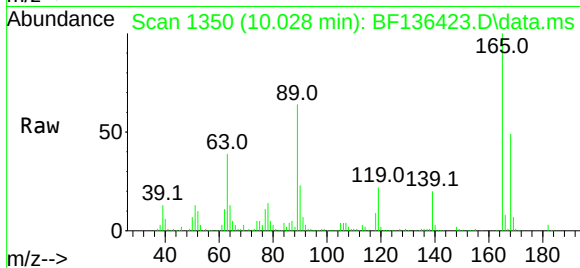
#57
2,4-Dinitrotoluene
Concen: 41.948 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

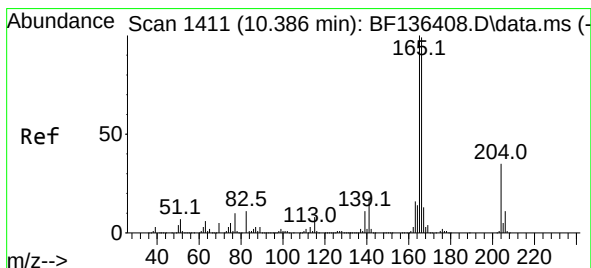
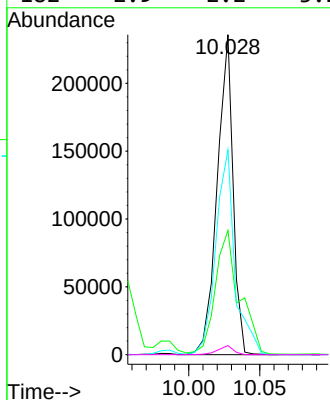
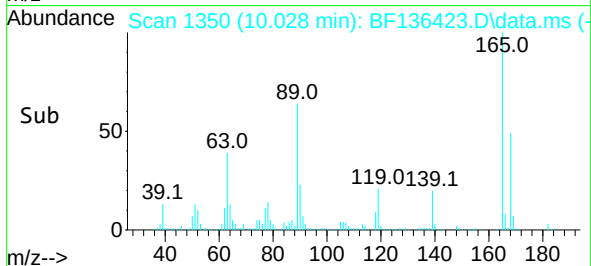


Tgt Ion:165 Resp: 18287
Ion Ratio Lower Upper
165 100
63 38.8 31.4 47.2
89 64.0 51.7 77.5
182 2.9 2.2 3.2

Manual Integrations

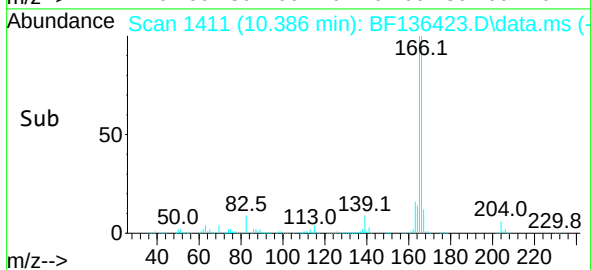
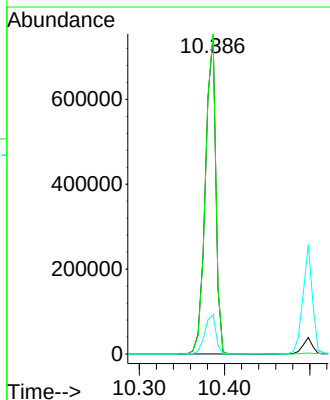
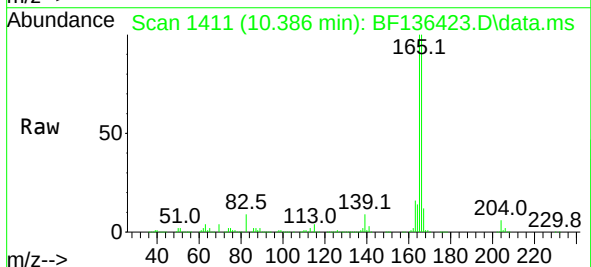
APPROVED

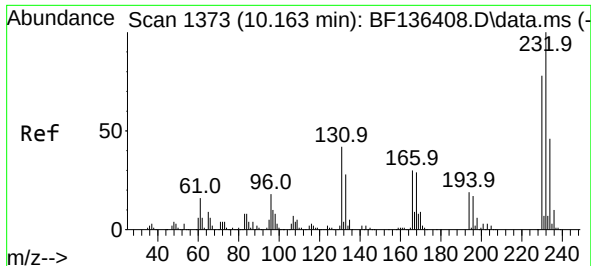
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#58
Fluorene
Concen: 45.049 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

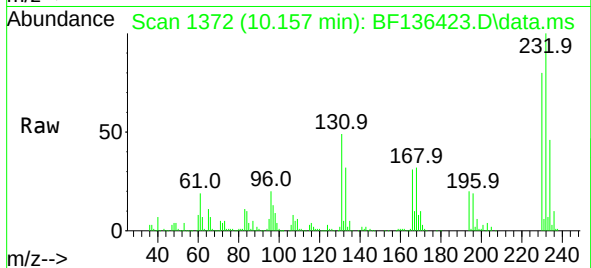
Tgt Ion:166 Resp: 635446
Ion Ratio Lower Upper
166 100
165 100.5 80.5 120.7
167 12.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.188 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

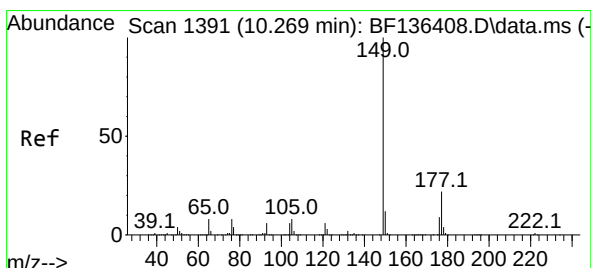
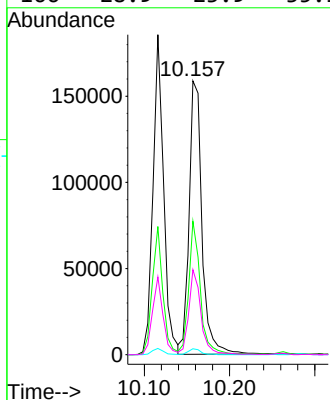
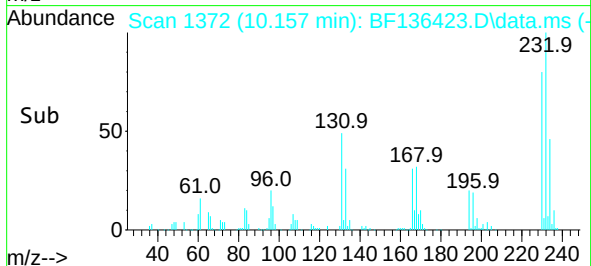
Instrument :
BNA_F
ClientSampleId :
WC-1MS



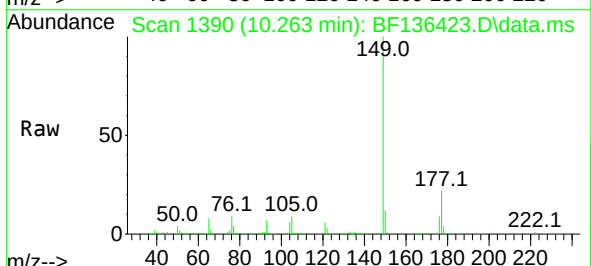
Tgt Ion:232 Resp: 166430
Ion Ratio Lower Upper
232 100
131 43.5 34.3 51.5
130 2.1 1.6 2.4
166 28.9 23.9 35.9

Manual Integrations
APPROVED

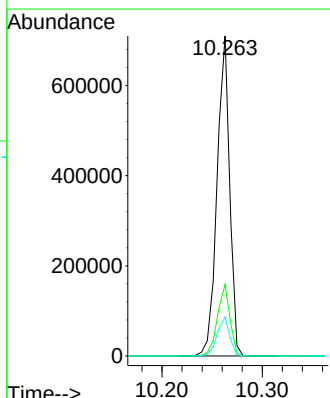
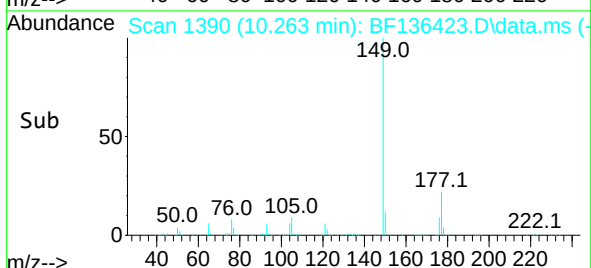
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

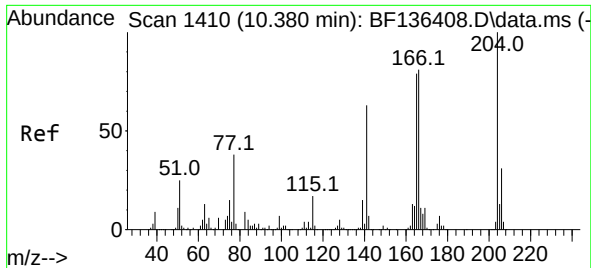


#60
Diethylphthalate
Concen: 42.883 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



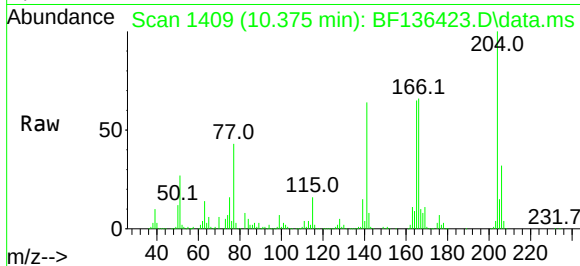
Tgt Ion:149 Resp: 617706
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.1 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 44.655 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

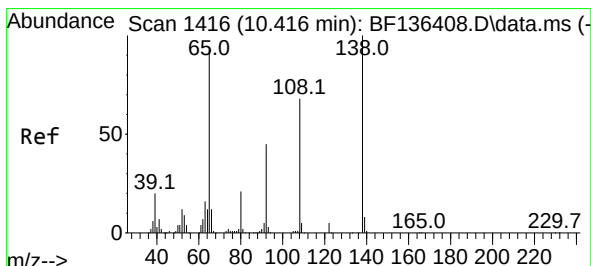
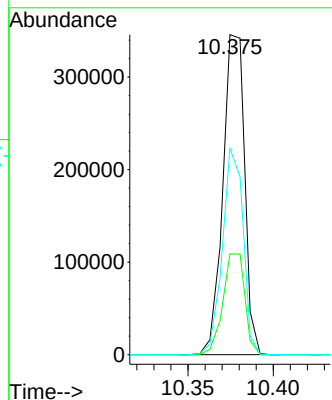
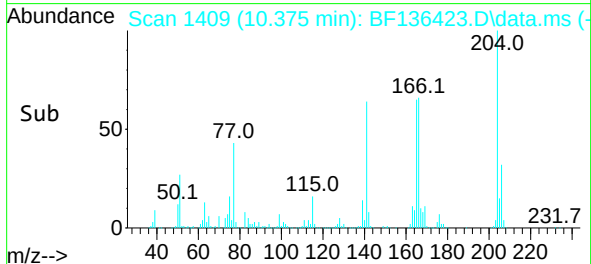
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:204 Resp: 307065
Ion Ratio Lower Upper
204 100
206 31.5 24.6 36.8
141 64.4 50.3 75.5

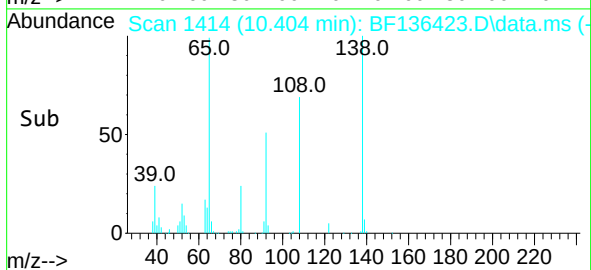
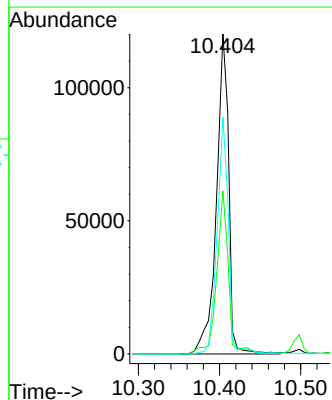
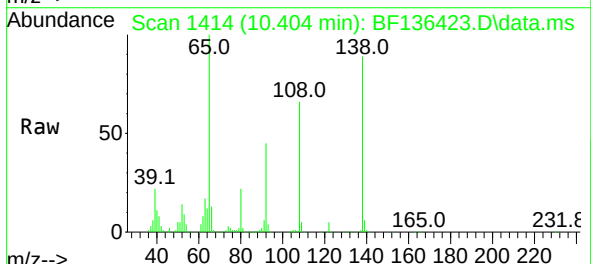
Manual Integrations
APPROVED

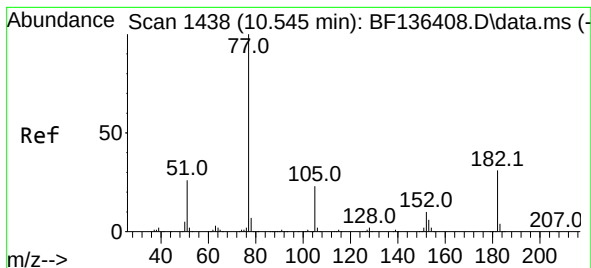
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#62
4-Nitroaniline
Concen: 37.816 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Tgt Ion:138 Resp: 126364
Ion Ratio Lower Upper
138 100
92 50.9 25.0 65.0
108 74.0 47.9 87.9





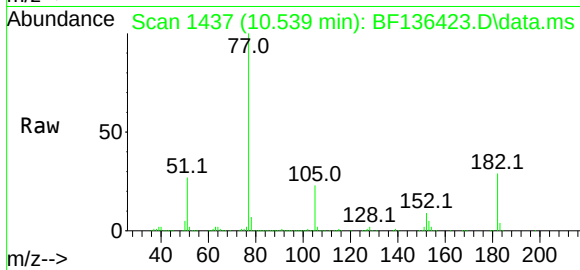
#63
Azobenzene
Concen: 44.099 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

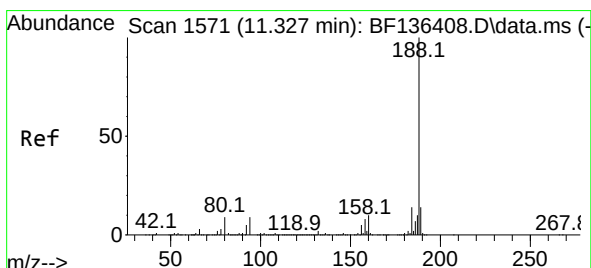
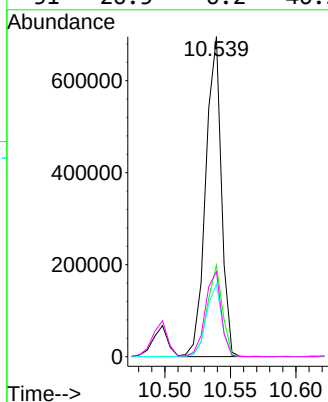
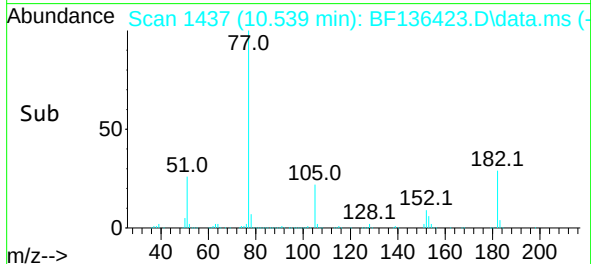


Tgt Ion: 77 Resp: 57817
Ion Ratio Lower Upper
77 100
182 28.6 10.8 50.8
105 22.7 2.6 42.6
51 26.5 6.2 46.2

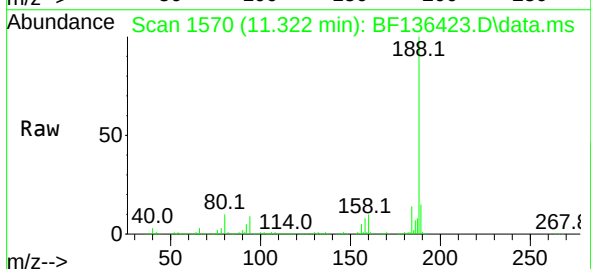
Manual Integrations

APPROVED

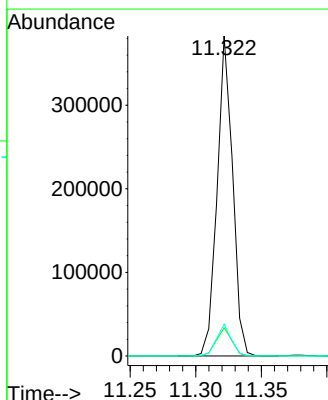
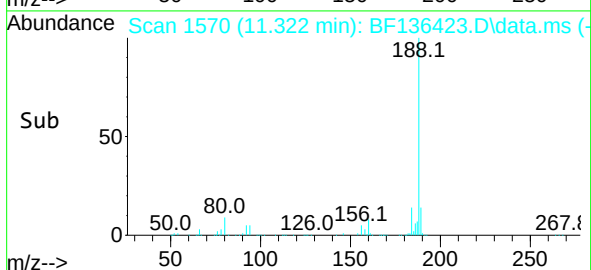
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

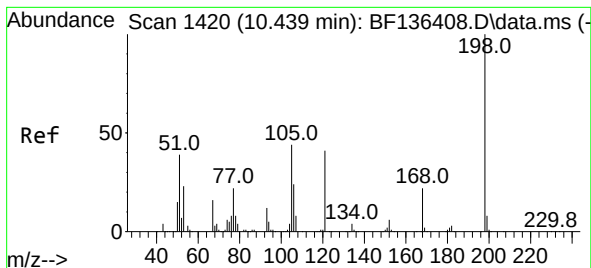


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



Tgt Ion:188 Resp: 313485
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.9 7.2 10.8





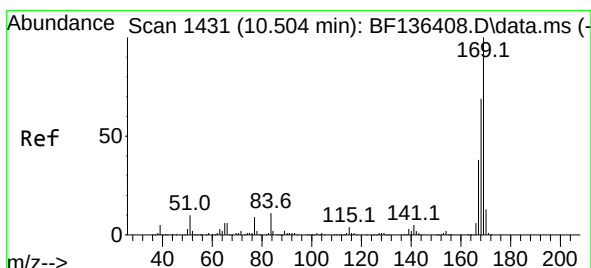
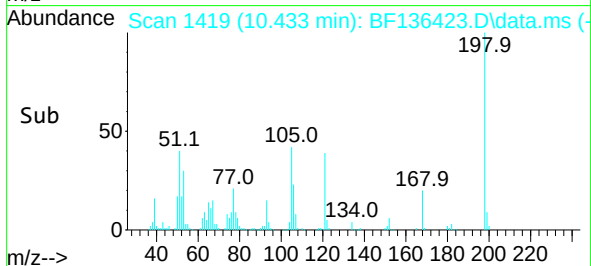
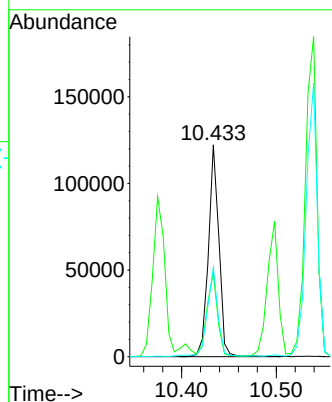
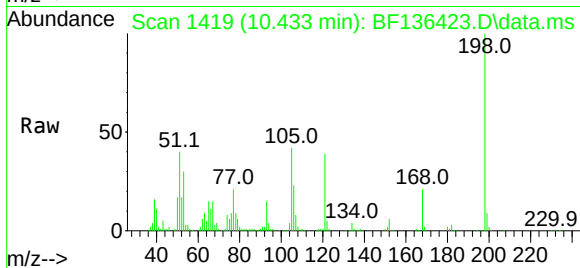
#65
4,6-Dinitro-2-methylphenol
Concen: 48.528 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:198 Resp: 94215
Ion Ratio Lower Upper
198 100
51 39.6 24.1 64.1
105 42.1 24.8 64.8

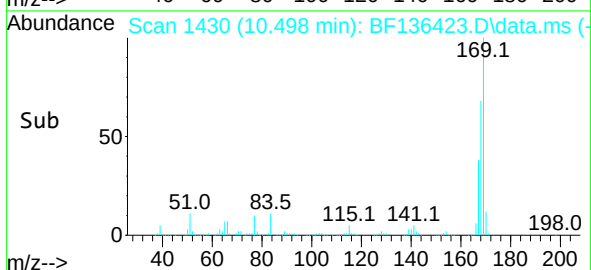
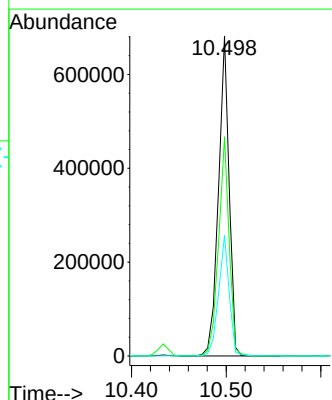
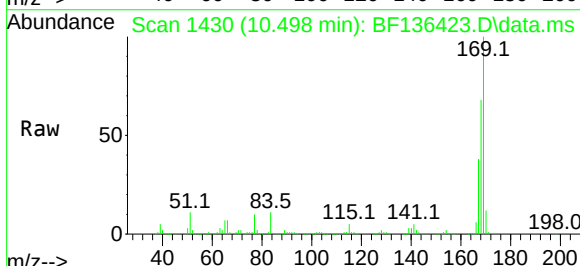
Manual Integrations
APPROVED

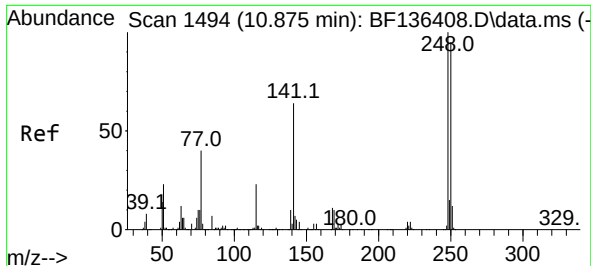
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#66
n-Nitrosodiphenylamine
Concen: 52.815 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

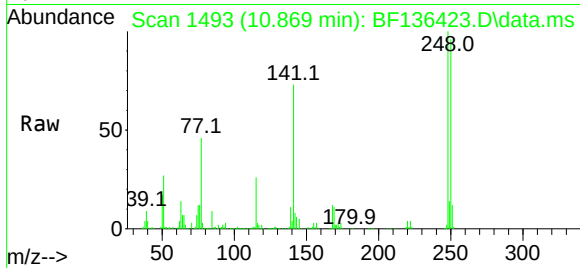
Tgt Ion:169 Resp: 531274
Ion Ratio Lower Upper
169 100
168 68.5 55.3 82.9
167 37.7 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 50.314 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

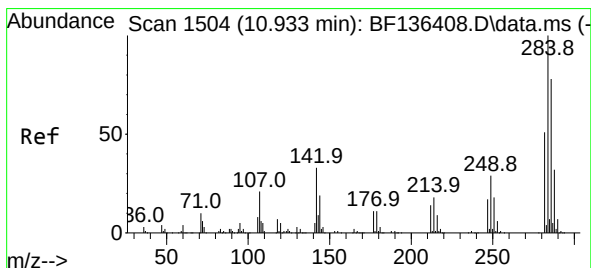
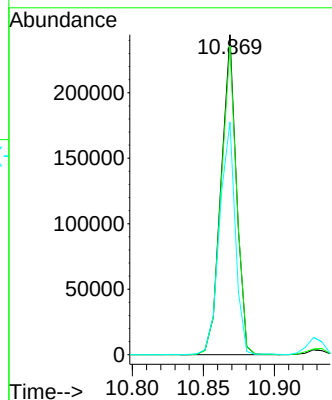
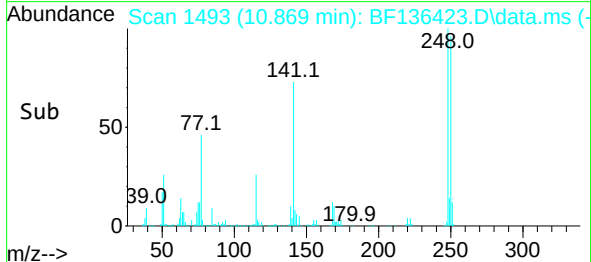
Instrument :
BNA_F
ClientSampleId :
WC-1MS



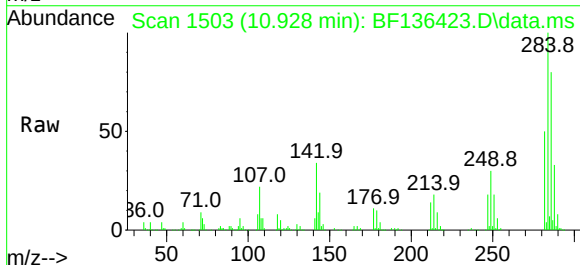
Tgt Ion:248 Resp: 18338
Ion Ratio Lower Upper
248 100
250 96.5 76.2 114.2
141 72.6 51.0 76.4

Manual Integrations
APPROVED

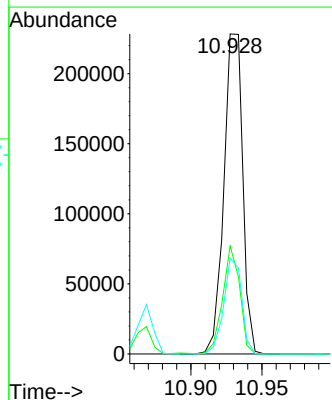
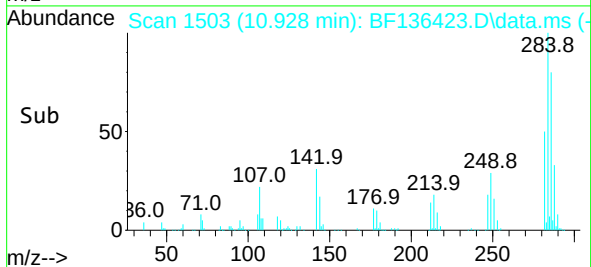
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

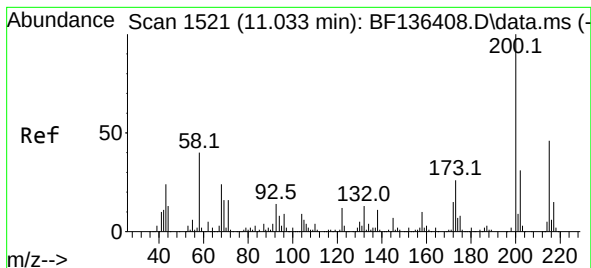


#68
Hexachlorobenzene
Concen: 50.094 ng
RT: 10.928 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



Tgt Ion:284 Resp: 211024
Ion Ratio Lower Upper
284 100
142 33.8 26.5 39.7
249 30.0 23.4 35.0





#69

Atrazine

Concen: 53.781 ng

RT: 11.028 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:200 Resp: 154400

Ion Ratio Lower Upper

200 100

173 26.3 6.0 46.0

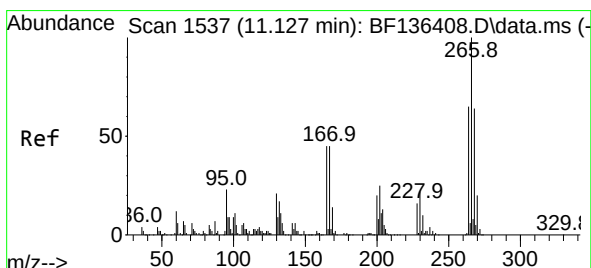
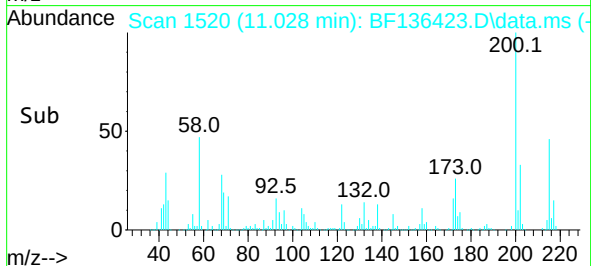
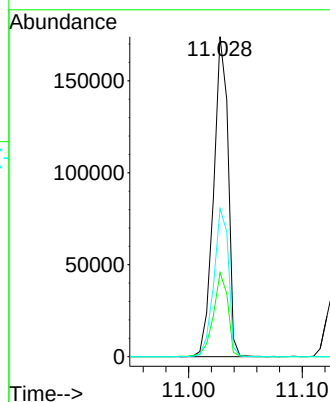
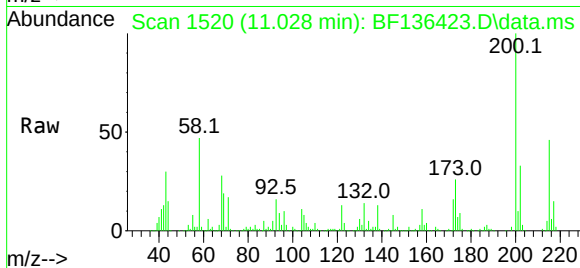
215 46.3 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#70

Pentachlorophenol

Concen: 89.896 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

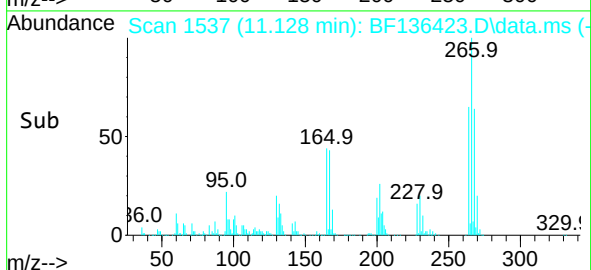
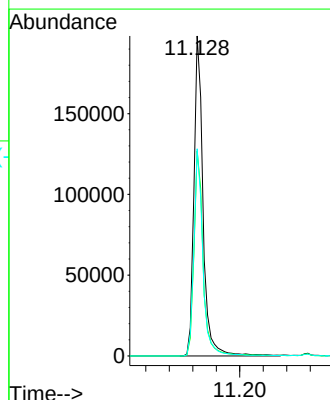
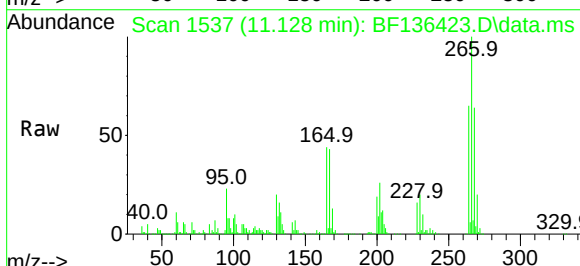
Tgt Ion:266 Resp: 213726

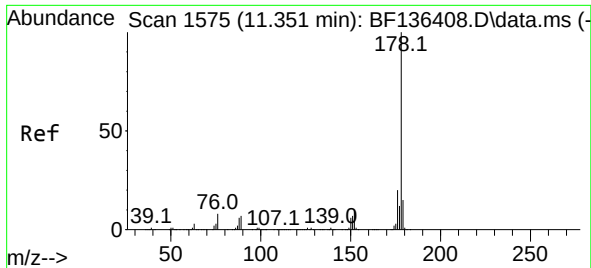
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

264 64.8 52.2 78.4





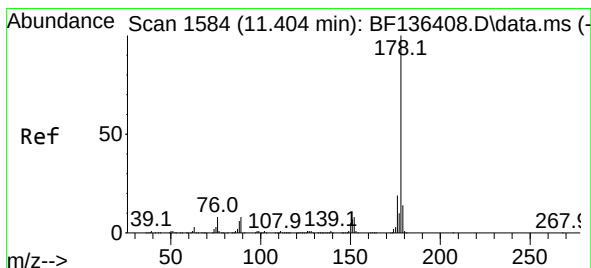
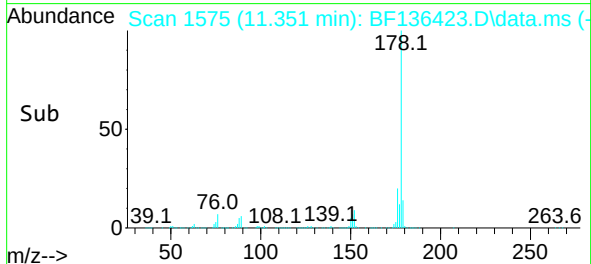
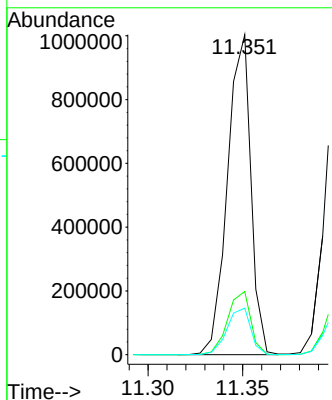
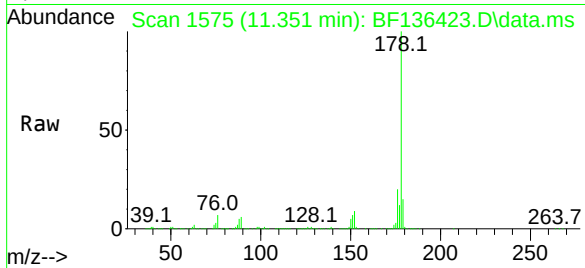
#71
Phenanthrene
Concen: 50.049 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:178 Resp: 862375
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 14.6 11.8 17.6

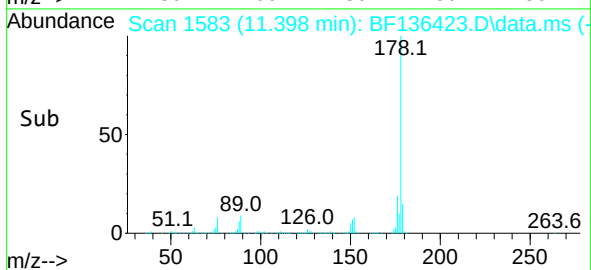
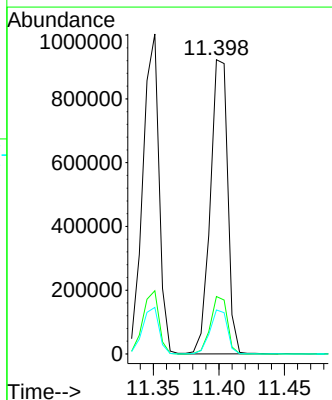
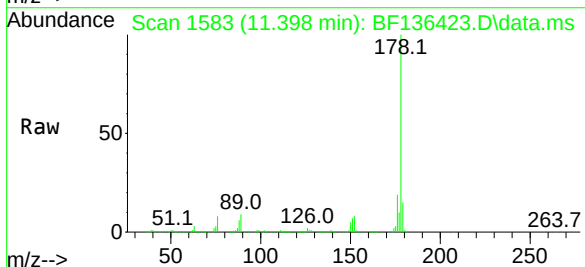
Manual Integrations
APPROVED

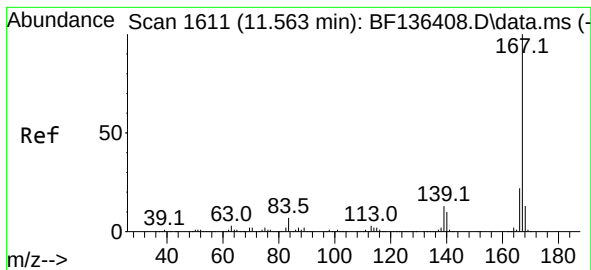
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#72
Anthracene
Concen: 48.954 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Tgt Ion:178 Resp: 849583
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 14.9 11.4 17.0





#73

Carbazole

Concen: 44.575 ng

RT: 11.557 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

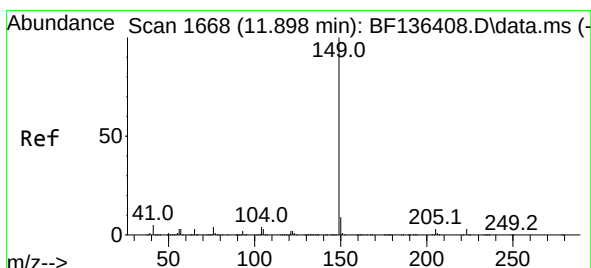
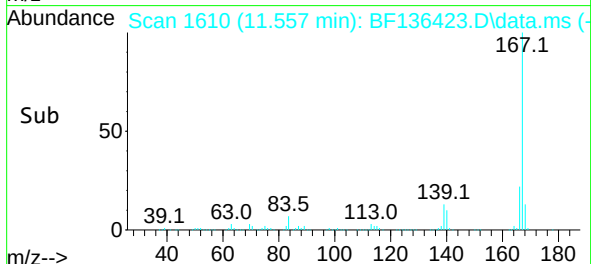
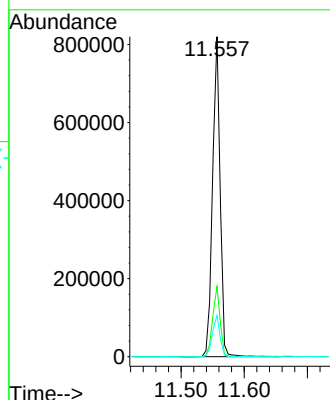
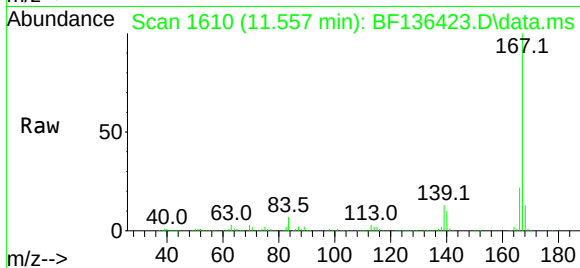
ClientSampleId :

WC-1MS

Tgt Ion:167 Resp: 68469
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 12.9 10.2 15.4

Manual Integrations
 APPROVED

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



#74

Di-n-butylphthalate

Concen: 43.965 ng

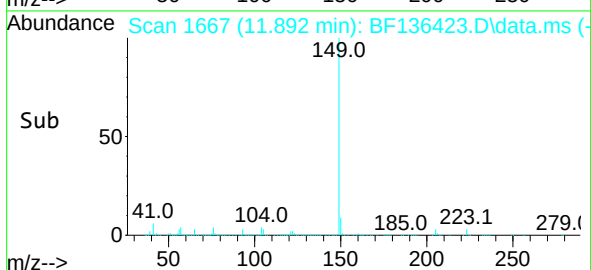
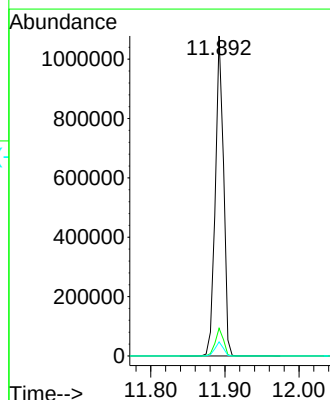
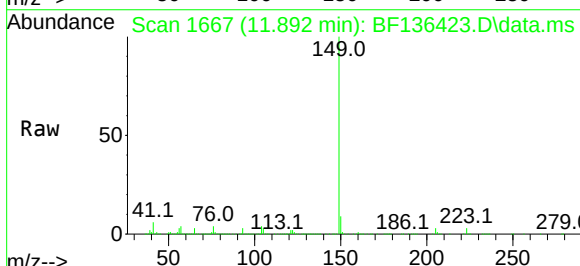
RT: 11.892 min Scan# 1667

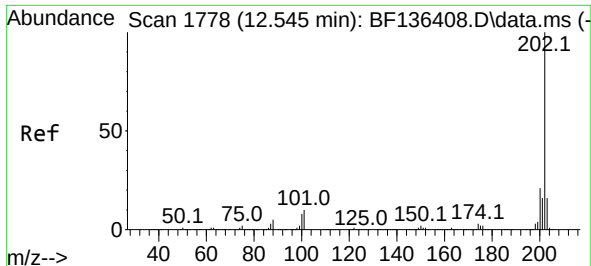
Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

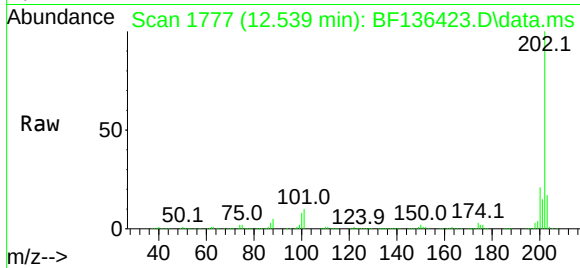
Tgt Ion:149 Resp: 827887
 Ion Ratio Lower Upper
 149 100
 150 8.6 6.9 10.3
 104 4.4 3.5 5.3





#75
Fluoranthene
Concen: 39.862 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

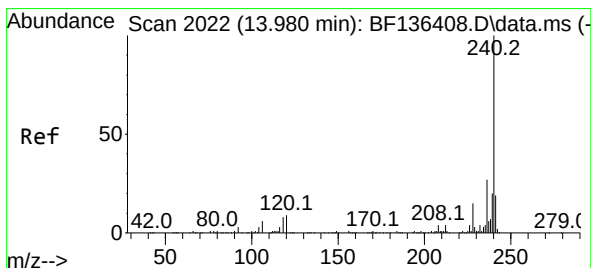
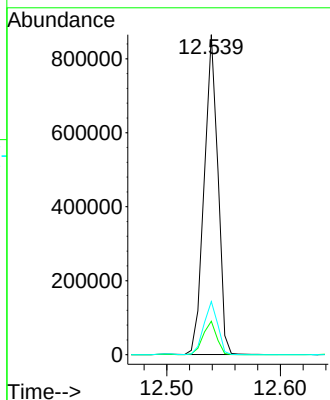
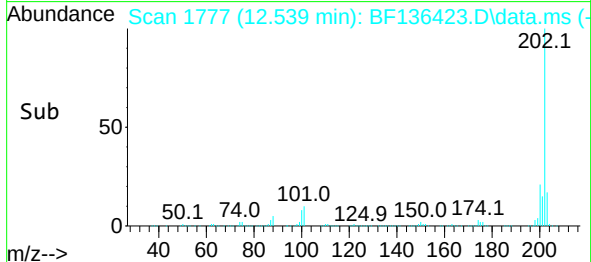
Instrument :
BNA_F
ClientSampleId :
WC-1MS



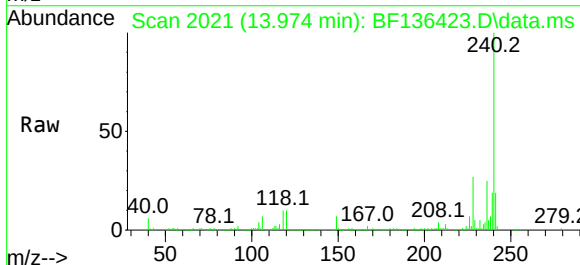
Tgt Ion:202 Resp: 719768
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.9
203 16.6 0.0 36.3

Manual Integrations
APPROVED

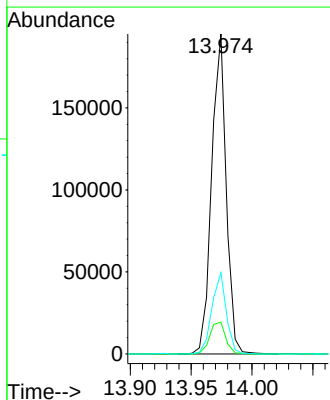
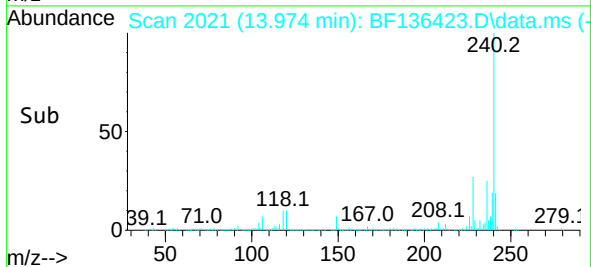
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

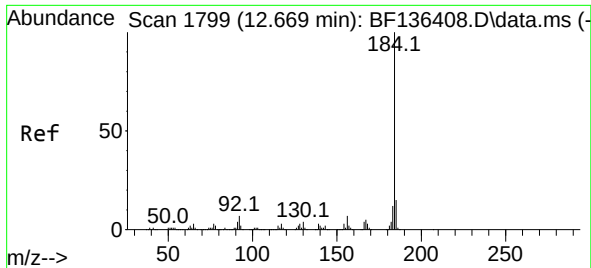


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



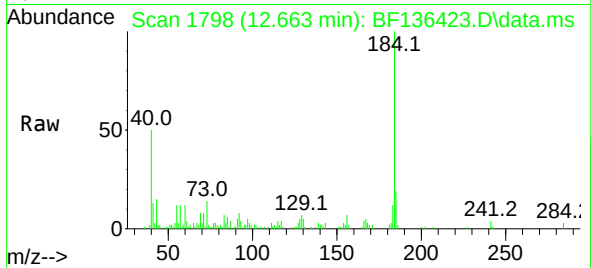
Tgt Ion:240 Resp: 162505
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 25.4 21.3 31.9





#77
Benzidine
Concen: 11.665 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

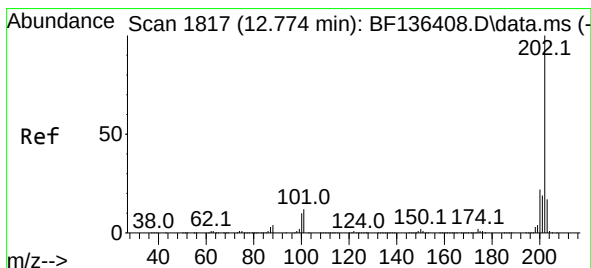
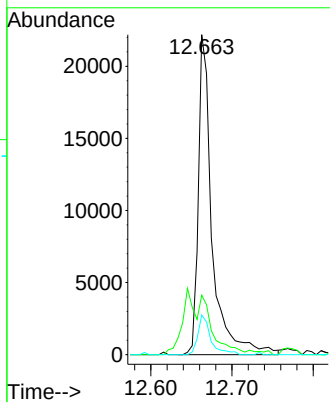
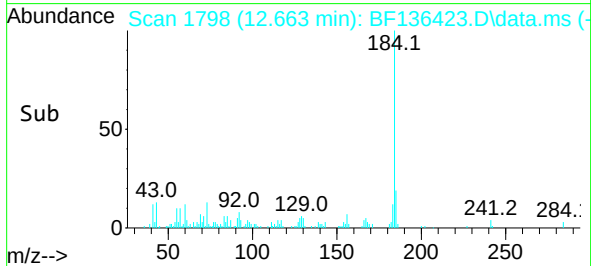
Instrument :
BNA_F
ClientSampleId :
WC-1MS



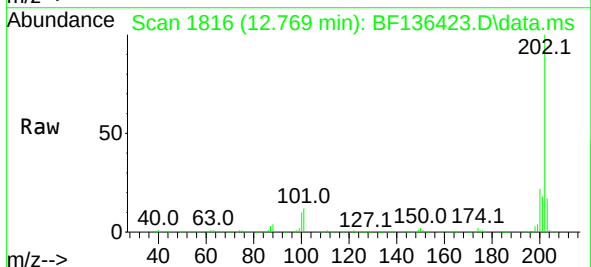
Tgt Ion:184 Resp: 26218
Ion Ratio Lower Upper
184 100
185 18.6 12.0 18.0
183 12.4 9.4 14.0

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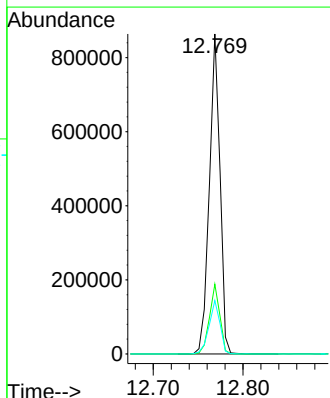
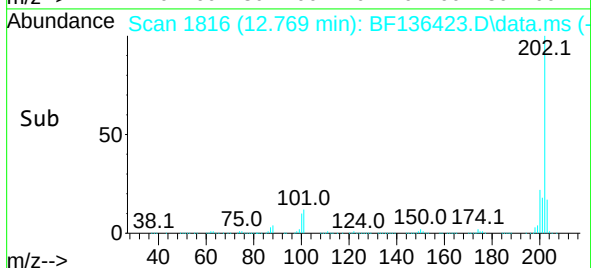
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

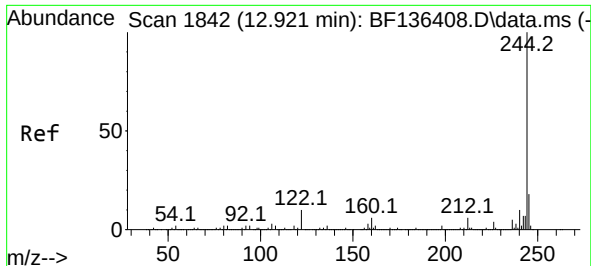


#78
Pyrene
Concen: 44.545 ng
RT: 12.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



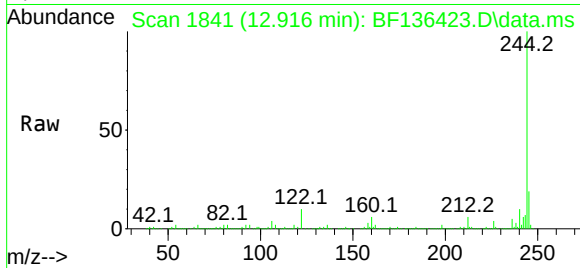
Tgt Ion:202 Resp: 708935
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 16.7 13.5 20.3





#79
 Terphenyl-d14
 Concen: 85.220 ng
 RT: 12.916 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF136423.D
 Acq: 06 Dec 2023 12:26

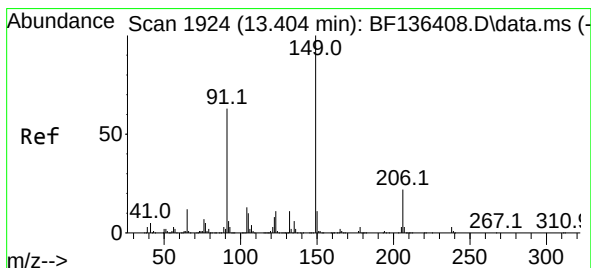
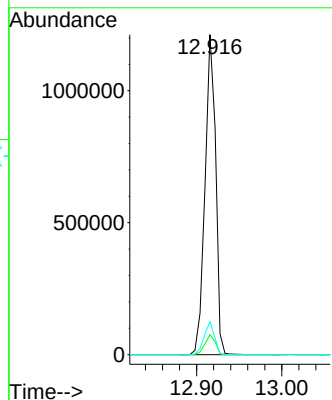
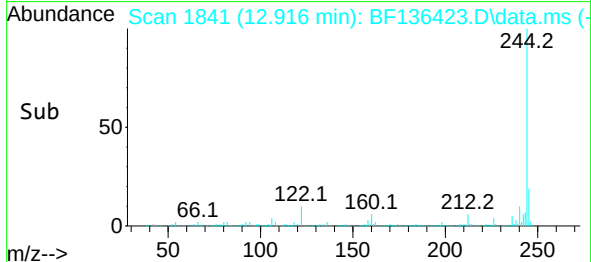
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS



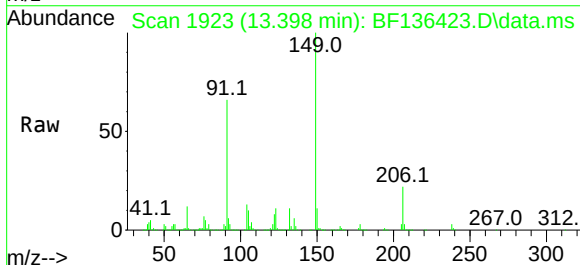
Tgt Ion:244 Resp: 1050699
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.3 8.3 12.5

Manual Integrations
 APPROVED

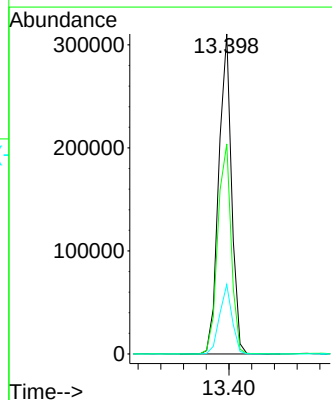
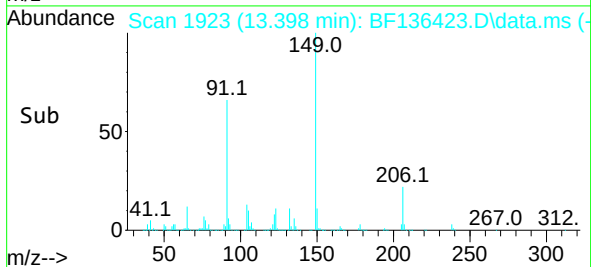
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

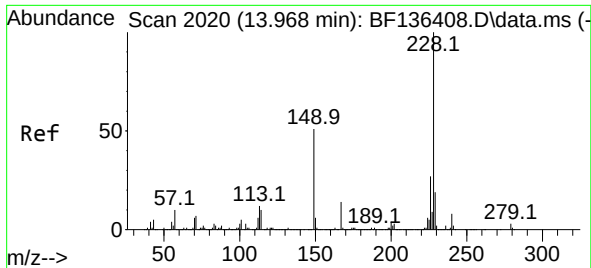


#80
 Butylbenzylphthalate
 Concen: 42.921 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136423.D
 Acq: 06 Dec 2023 12:26



Tgt Ion:149 Resp: 243170
 Ion Ratio Lower Upper
 149 100
 91 65.7 50.5 75.7
 206 21.7 17.4 26.2





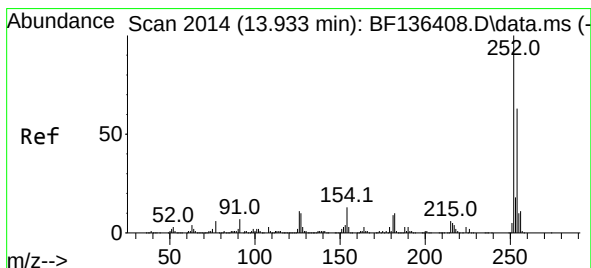
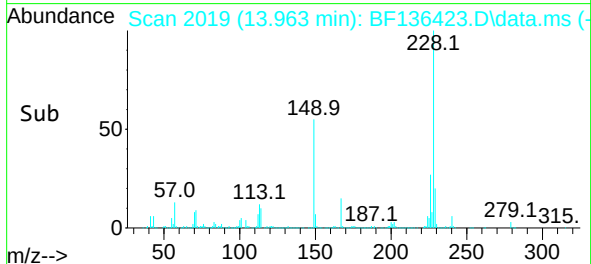
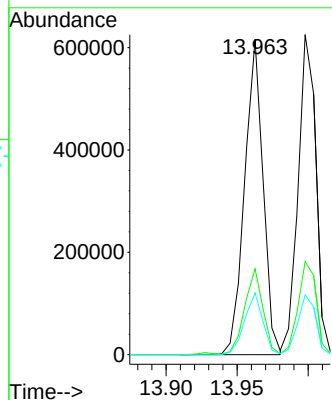
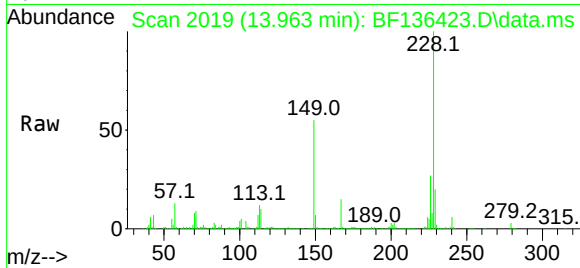
#81
Benzo(a)anthracene
Concen: 49.331 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:228 Resp: 55839
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.6 15.0 22.4

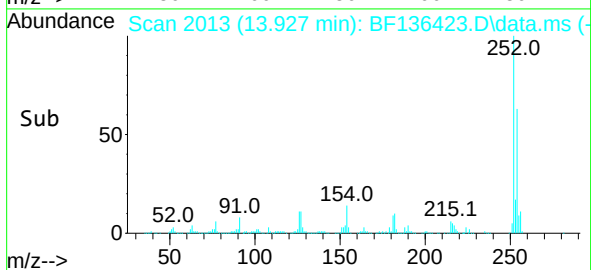
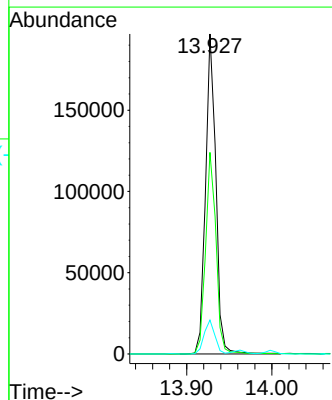
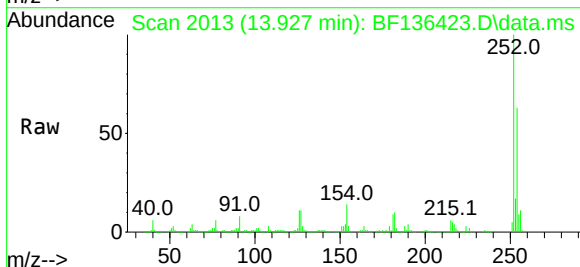
Manual Integrations
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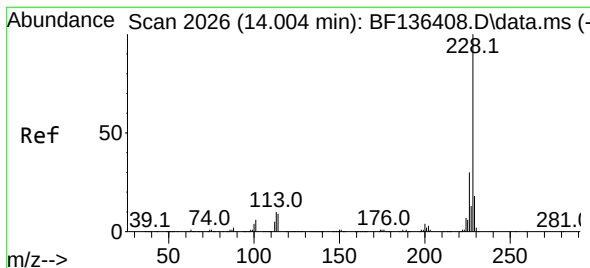
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 52.071 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Tgt Ion:252 Resp: 165260
Ion Ratio Lower Upper
252 100
254 63.0 50.8 76.2
126 10.6 8.6 12.8





#83

Chrysene

Concen: 48.904 ng

RT: 13.998 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:228 Resp: 544640

Ion Ratio Lower Upper

228 100

226 29.1 23.8 35.6

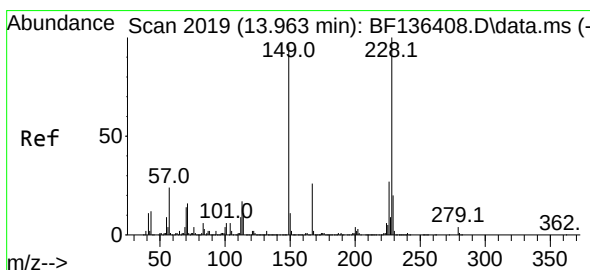
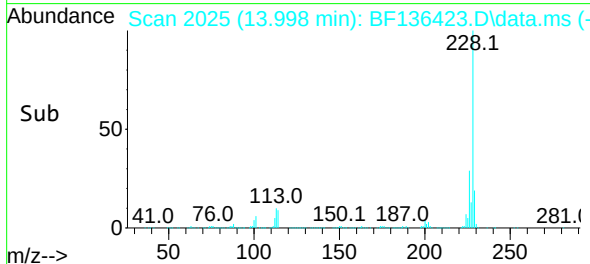
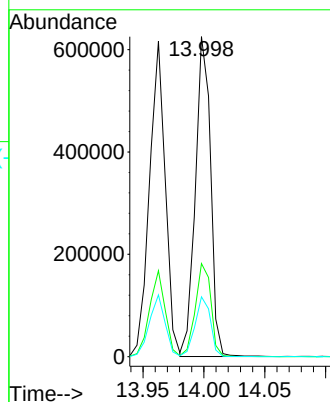
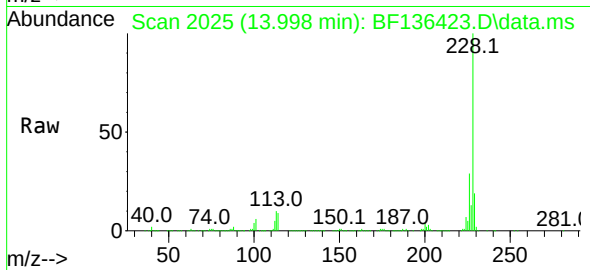
229 18.7 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.373 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

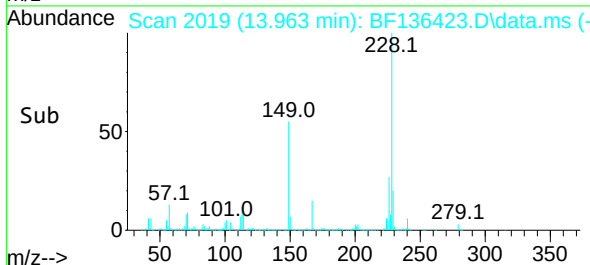
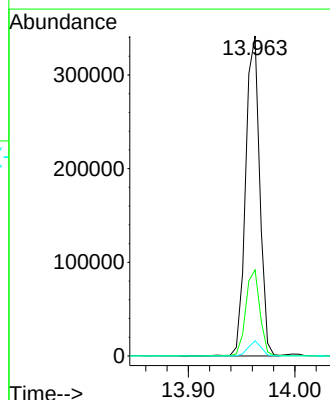
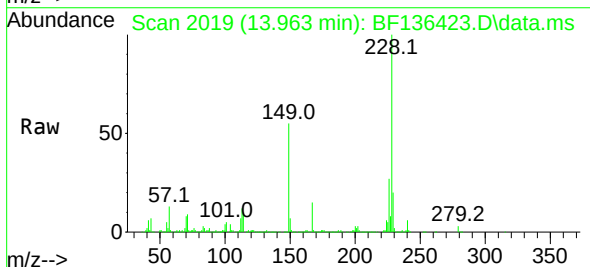
Tgt Ion:149 Resp: 315129

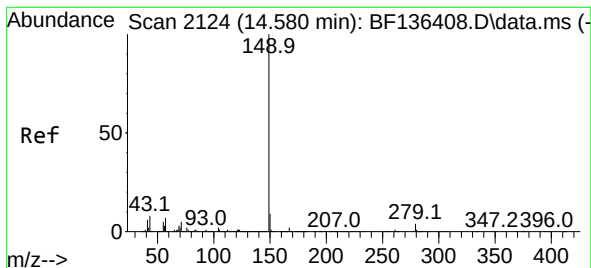
Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

279 4.8 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 51.135 ng

RT: 14.574 min Scan# 2124

Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:149 Resp: 52459

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

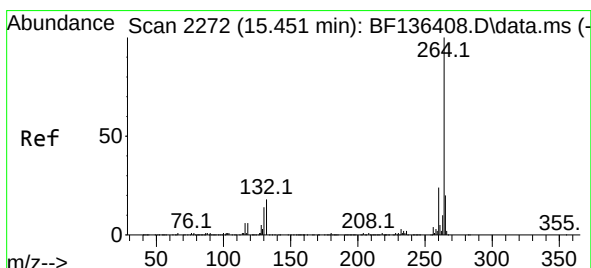
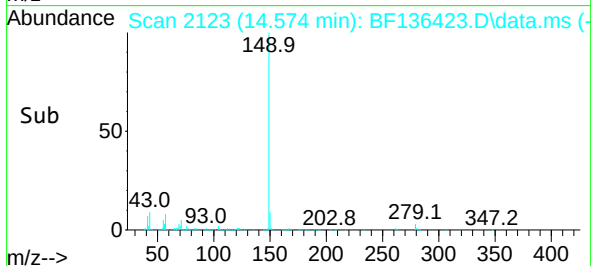
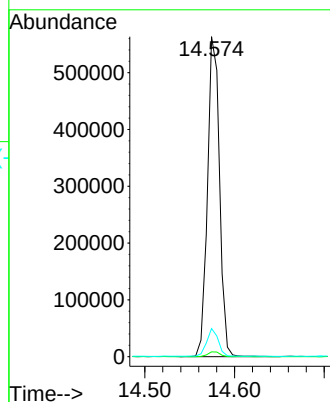
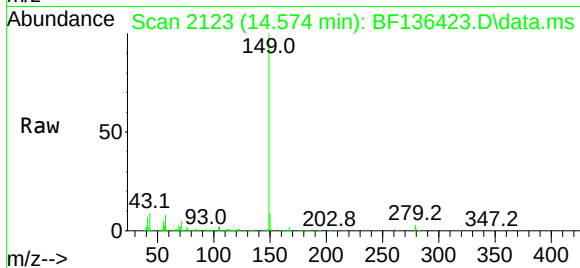
43 8.3 6.8 10.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.000 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

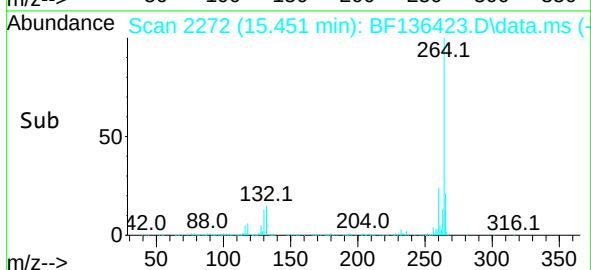
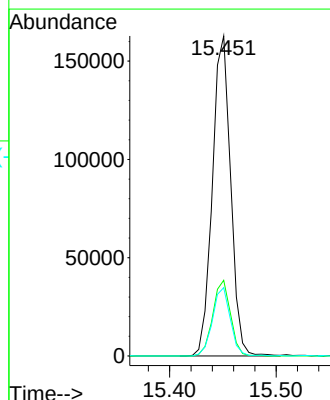
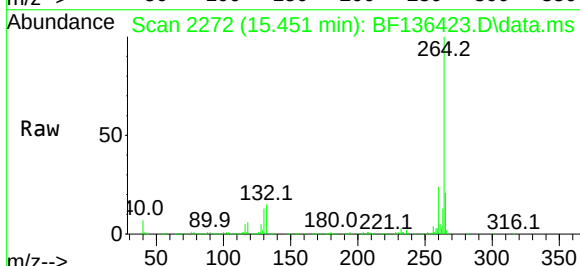
Tgt Ion:264 Resp: 193683

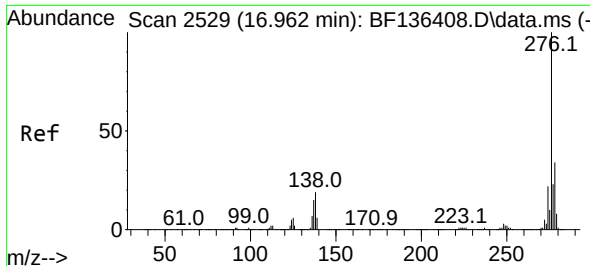
Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.4 15.9 23.9





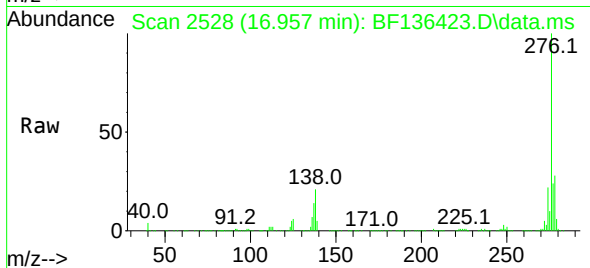
#87
Indeno(1,2,3-cd)pyrene
Concen: 59.059 ng
RT: 16.957 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

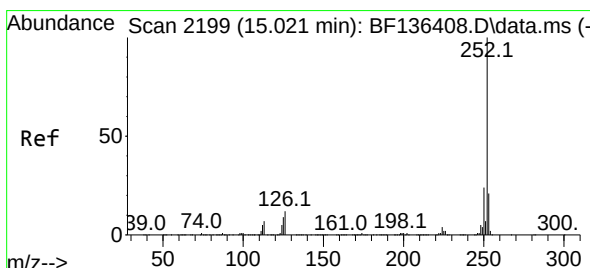
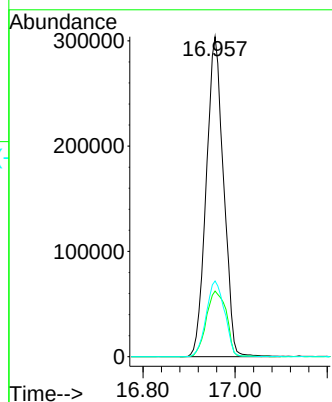
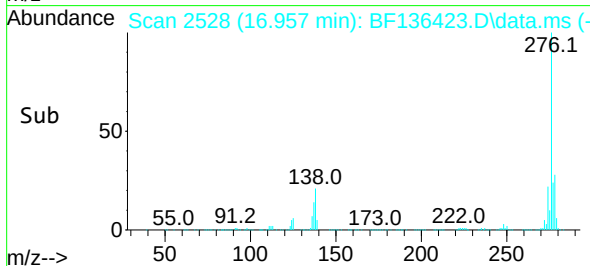


Tgt Ion:276 Resp: 794674
Ion Ratio Lower Upper
276 100
138 23.8 19.0 28.4
277 25.2 20.0 30.0

Manual Integrations

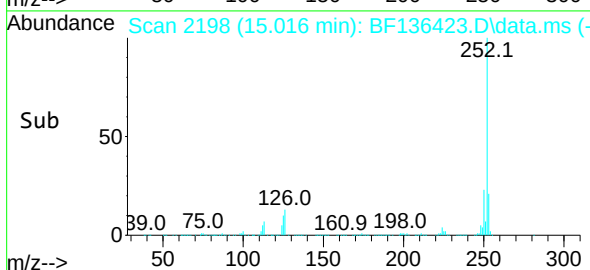
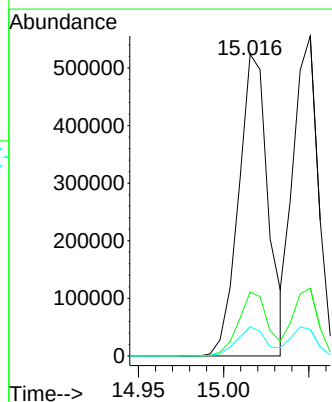
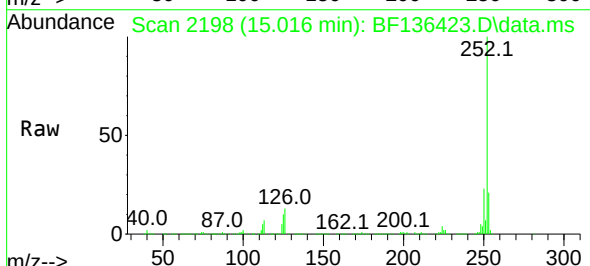
APPROVED

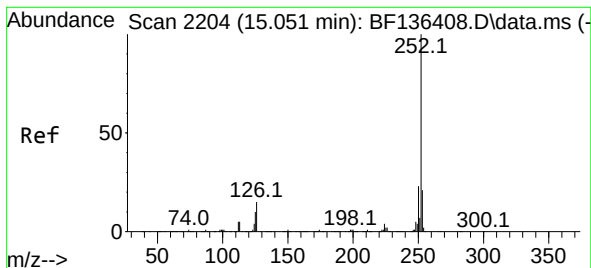
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#88
Benzo(b)fluoranthene
Concen: 47.891 ng
RT: 15.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

Tgt Ion:252 Resp: 634195
Ion Ratio Lower Upper
252 100
253 21.2 16.9 25.3
125 9.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 45.236 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

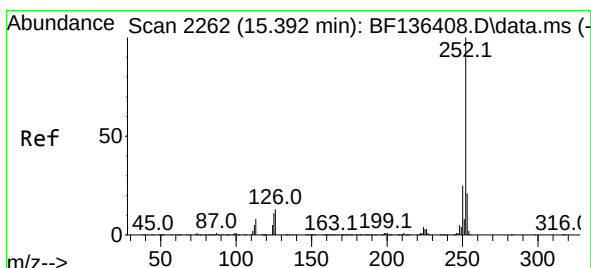
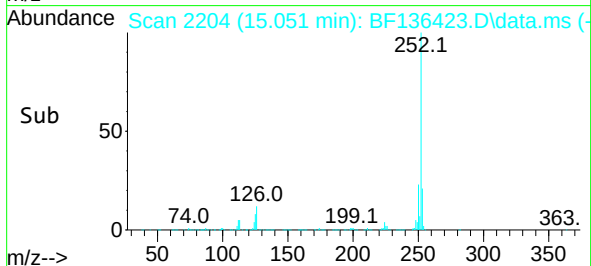
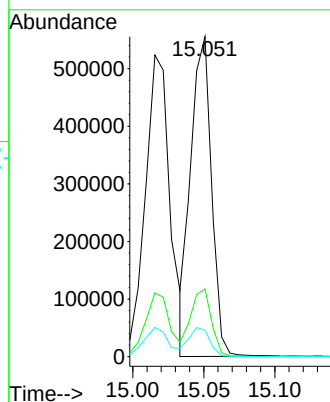
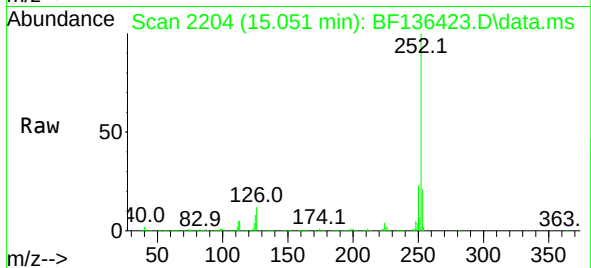
Tgt Ion:252 Resp: 56454
 Ion Ratio Lower Upper
 252 100
 253 21.2 16.9 25.3
 125 8.3 7.5 11.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#90

Benzo(a)pyrene

Concen: 51.888 ng

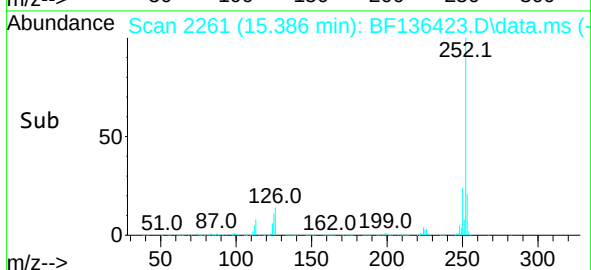
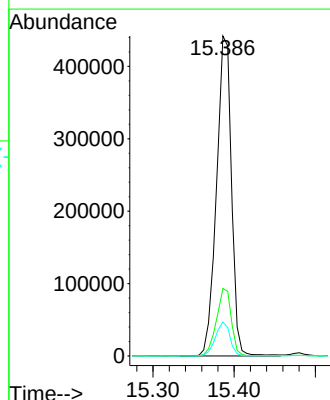
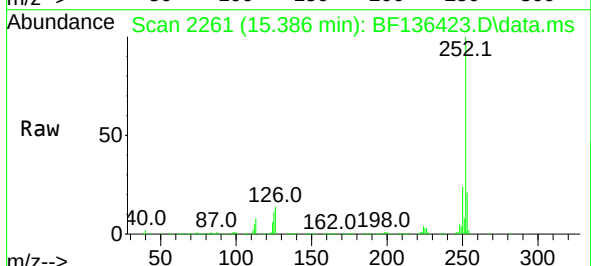
RT: 15.386 min Scan# 2261

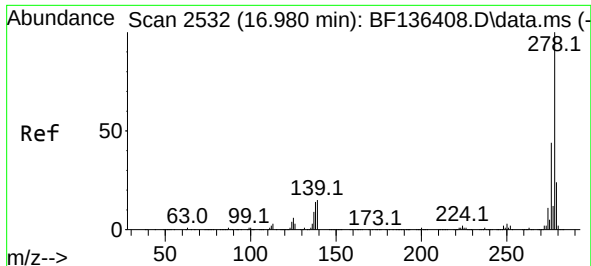
Delta R.T. -0.006 min

Lab File: BF136423.D

Acq: 06 Dec 2023 12:26

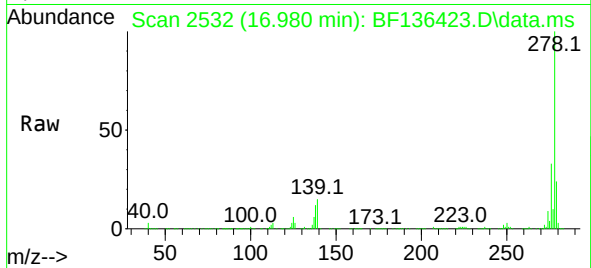
Tgt Ion:252 Resp: 567470
 Ion Ratio Lower Upper
 252 100
 253 21.1 17.0 25.4
 125 10.6 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 59.880 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26

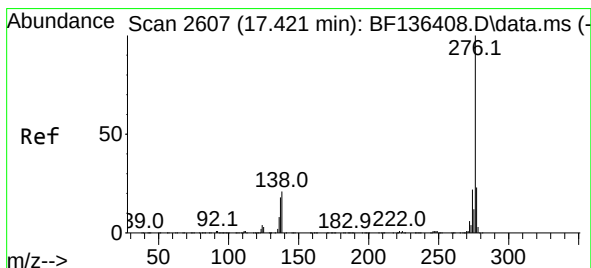
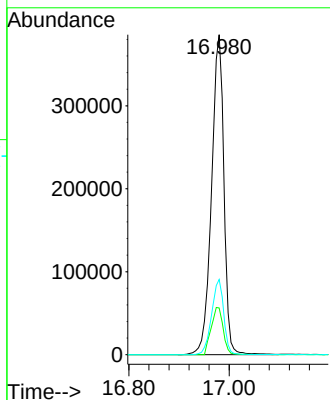
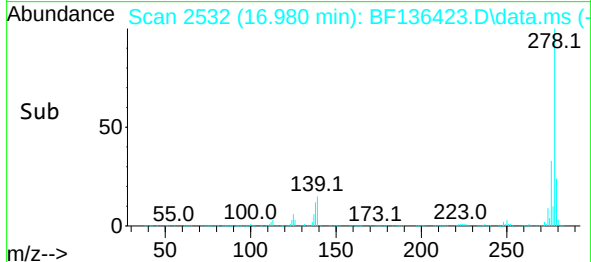
Instrument :
BNA_F
ClientSampleId :
WC-1MS



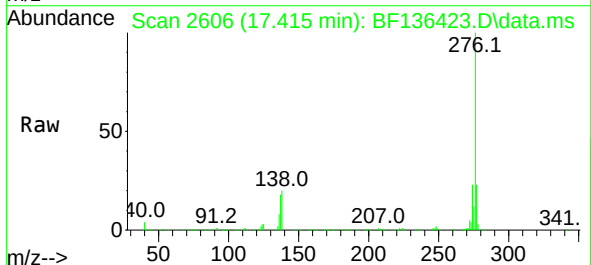
Tgt Ion:278 Resp: 660080
Ion Ratio Lower Upper
278 100
139 14.6 12.2 18.4
279 23.5 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 57.098 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF136423.D
Acq: 06 Dec 2023 12:26



Tgt Ion:276 Resp: 646022
Ion Ratio Lower Upper
276 100
277 22.8 18.7 28.1
138 20.4 16.6 25.0

