

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136906.D
 Acq On : 03 Jan 2024 14:20
 Operator : CG\JU
 Sample : 05975-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-122023MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 15:10:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	91293	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	355518	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	178835	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	320514	20.000	ng	0.00
76) Chrysene-d12	13.969	240	169620	20.000	ng	0.00
86) Perylene-d12	15.445	264	192099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	367584	62.824	ng	0.00
7) Phenol-d6	6.434	99	286711	37.817	ng	0.00
23) Nitrobenzene-d5	7.351	82	596820	85.903	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	252618	119.941	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1134743	85.342	ng	-0.01
79) Terphenyl-d14	12.904	244	1017267	83.811	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.611	88	48880	20.050	ng	97
3) Pyridine	3.375	79	106880	17.968	ng	92
4) n-Nitrosodimethylamine	3.328	42	64302	20.243	ng	98
6) Aniline	6.451	93	205053	27.052	ng	95
8) 2-Chlorophenol	6.575	128	245109	38.280	ng	95
9) Benzaldehyde	6.340	77	72787	16.879	ng	99
10) Phenol	6.446	94	125426	15.497	ng	# 71
11) bis(2-Chloroethyl)ether	6.522	93	277850	45.143	ng	99
12) 1,3-Dichlorobenzene	6.722	146	256294	36.692	ng	98
13) 1,4-Dichlorobenzene	6.798	146	261761	36.676	ng	98
14) 1,2-Dichlorobenzene	6.951	146	258685	38.952	ng	98
15) Benzyl Alcohol	6.934	79	169341	33.108	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	434450	43.174	ng	72
17) 2-Methylphenol	7.051	107	162506	30.636	ng	# 87
18) Hexachloroethane	7.287	117	90530	34.927	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	210402	45.781	ng	96
20) 3+4-Methylphenols	7.204	107	183812	27.737	ng	# 57
22) Acetophenone	7.193	105	422432	47.406	ng	# 89
24) Nitrobenzene	7.369	77	297384	42.729	ng	98
25) Isophorone	7.604	82	570126	45.098	ng	99
26) 2-Nitrophenol	7.681	139	152553	45.814	ng	94
27) 2,4-Dimethylphenol	7.722	122	202229	49.885	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	353376	45.986	ng	100
29) 2,4-Dichlorophenol	7.928	162	227120	43.518	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	232532	39.989	ng	99
31) Naphthalene	8.081	128	814298	41.692	ng	99
32) Benzoic acid	7.840	122	52236	13.317	ng	98
33) 4-Chloroaniline	8.134	127	103155	14.305	ng	98
34) Hexachlorobutadiene	8.193	225	132878	37.611	ng	97
35) Caprolactam	8.522	113	15028m	8.728	ng	
36) 4-Chloro-3-methylphenol	8.628	107	232244	39.528	ng	100
37) 2-Methylnaphthalene	8.775	142	524542	41.731	ng	99
38) 1-Methylnaphthalene	8.875	142	509879	41.346	ng	99
40) 1,2,4,5-Tetrachloroben...	8.940	216	257778	46.544	ng	99
41) Hexachlorocyclopentadiene	8.922	237	131310	74.704	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	167118	47.050	ng	96

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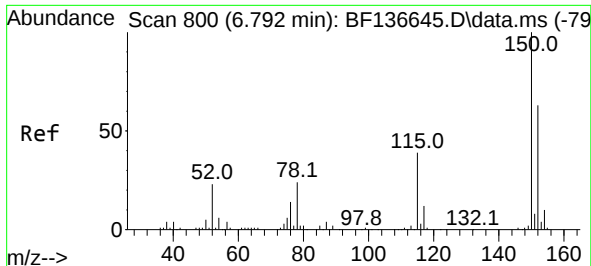
Manual Integrations
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 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	180785	45.675	ng	99
46) 1,1'-Biphenyl	9.245	154	707836	47.167	ng	99
47) 2-Chloronaphthalene	9.269	162	505640	44.321	ng	97
48) 2-Nitroaniline	9.369	65	165561	46.342	ng	98
49) Acenaphthylene	9.681	152	813317	46.641	ng	99
50) Dimethylphthalate	9.551	163	613557	46.971	ng	100
51) 2,6-Dinitrotoluene	9.616	165	134540	45.383	ng	94
52) Acenaphthene	9.857	154	481241	44.521	ng	100
53) 3-Nitroaniline	9.781	138	82272	26.198	ng	98
54) 2,4-Dinitrophenol	9.898	184	114338	70.076	ng	90
55) Dibenzofuran	10.028	168	723735	44.169	ng	99
56) 4-Nitrophenol	9.963	139	62664	29.559	ng	97
57) 2,4-Dinitrotoluene	10.022	165	167211	43.448	ng	94
58) Fluorene	10.375	166	578498	44.495	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	146314	48.021	ng	97
60) Diethylphthalate	10.251	149	615066	45.382	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	277915	43.977	ng	96
62) 4-Nitroaniline	10.410	138	118541	39.156	ng	91
63) Azobenzene	10.522	77	565620	44.682	ng	97
65) 4,6-Dinitro-2-methylph...	10.434	198	80494	43.821	ng	93
66) n-Nitrosodiphenylamine	10.486	169	515914	49.551	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	171184	48.092	ng	92
68) Hexachlorobenzene	10.922	284	187953	47.382	ng	96
69) Atrazine	11.022	200	156534	58.781	ng	97
70) Pentachlorophenol	11.122	266	179196	96.917	ng	97
71) Phenanthrene	11.339	178	782121	47.557	ng	100
72) Anthracene	11.392	178	782292	46.970	ng	98
73) Carbazole	11.551	167	694321	44.216	ng	99
74) Di-n-butylphthalate	11.880	149	932378	48.660	ng	99
75) Fluoranthene	12.539	202	735321	41.800	ng	99
77) Benzidine	12.657	184	150181	30.028	ng	99
78) Pyrene	12.763	202	737102	44.268	ng	99
80) Butylbenzylphthalate	13.380	149	315361	52.050	ng	96
81) Benzo(a)anthracene	13.957	228	562951	47.796	ng	100
82) 3,3'-Dichlorobenzidine	13.922	252	161677	48.335	ng	98
83) Chrysene	13.998	228	537451	46.662	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	440984	57.848	ng	97
85) Di-n-octyl phthalate	14.563	149	735226	62.350	ng	99
87) Indeno(1,2,3-cd)pyrene	16.963	276	640788	46.200	ng	99
88) Benzo(b)fluoranthene	15.016	252	560604	43.693	ng	100
89) Benzo(k)fluoranthene	15.045	252	509838	42.053	ng	99
90) Benzo(a)pyrene	15.386	252	491092	45.344	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	538740	47.346	ng	98
92) Benzo(g,h,i)perylene	17.415	276	512420	43.968	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

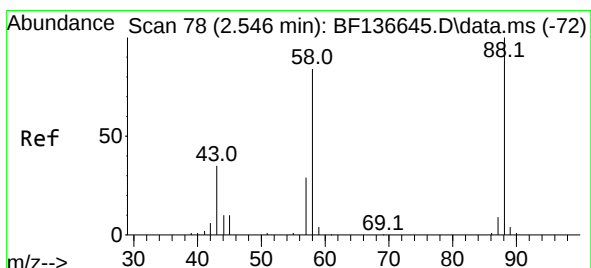
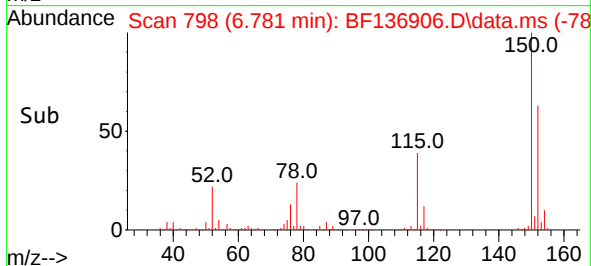
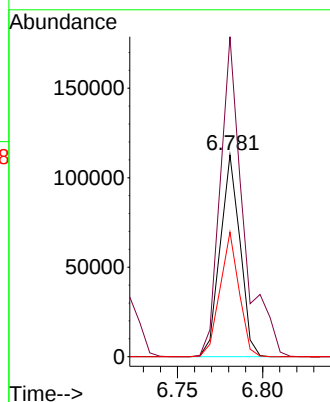
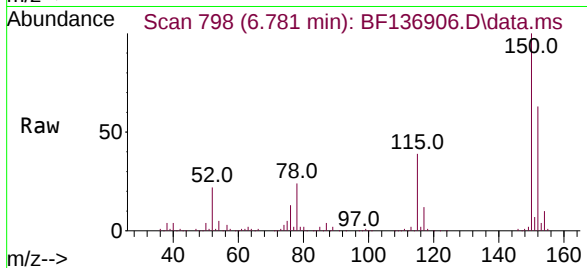
MW-7-122023MS

Tgt Ion:152 Resp: 9129
Ion Ratio Lower Upper
152 100
150 158.6 127.0 190.6
115 61.8 49.0 73.4

Manual Integrations

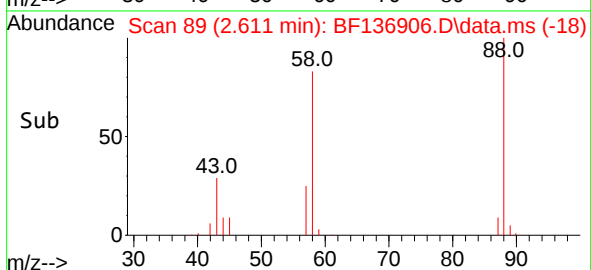
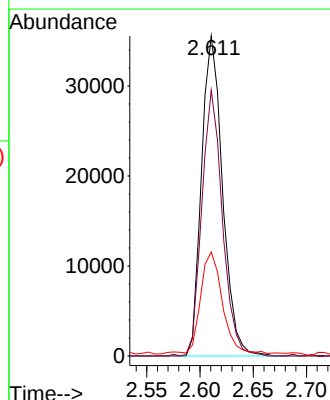
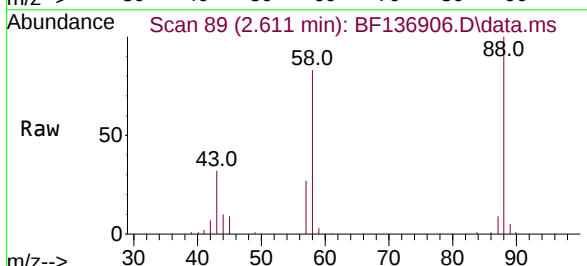
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Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#2
1,4-Dioxane
Concen: 20.050 ng
RT: 2.611 min Scan# 89
Delta R.T. 0.065 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

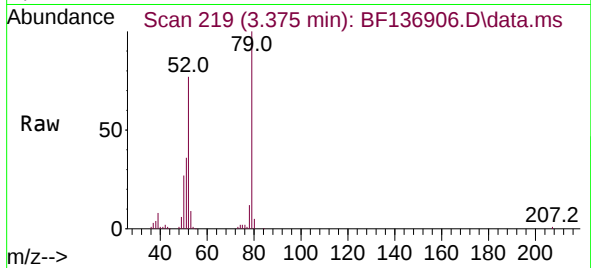
Tgt Ion: 88 Resp: 48880
Ion Ratio Lower Upper
88 100
58 81.3 67.4 101.0
43 33.3 27.7 41.5





#3
Pyridine
Concen: 17.968 ng
RT: 3.375 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

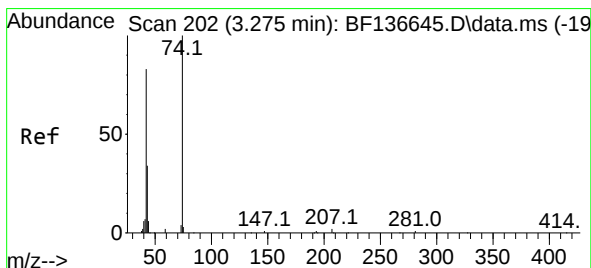
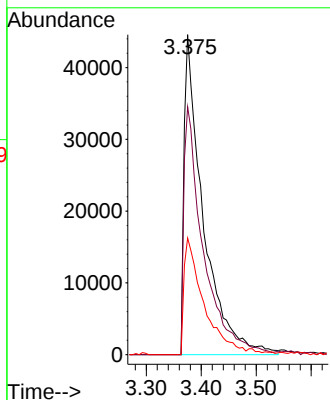
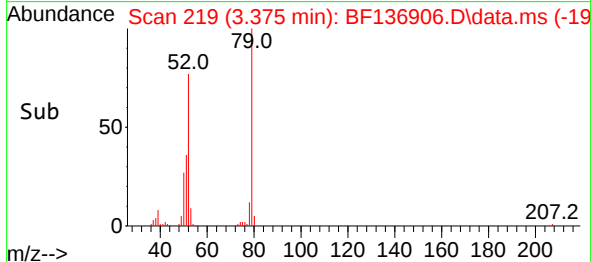
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS



Tgt Ion: 79 Resp: 106880
Ion Ratio Lower Upper
79 100
52 77.5 67.7 101.5
51 36.4 34.0 51.0

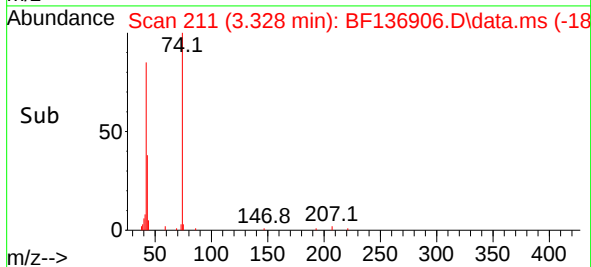
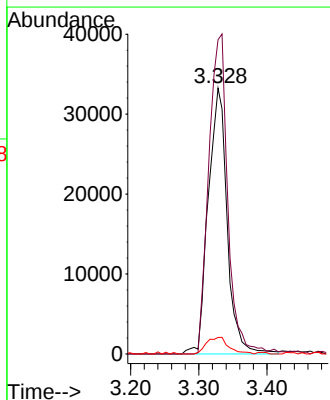
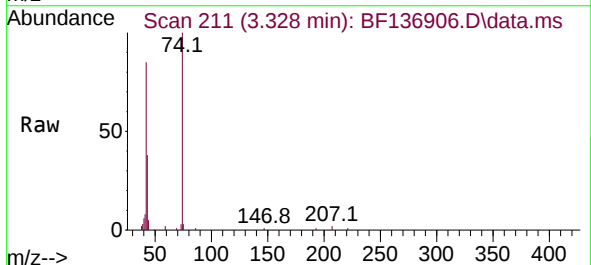
Manual Integrations
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Supervised By :mohammad ahmed 01/04/2024



#4
n-Nitrosodimethylamine
Concen: 20.243 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion: 42 Resp: 64302
Ion Ratio Lower Upper
42 100
74 118.2 96.0 144.0
44 6.2 5.4 8.2





#5
2-Fluorophenol
Concen: 62.824 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

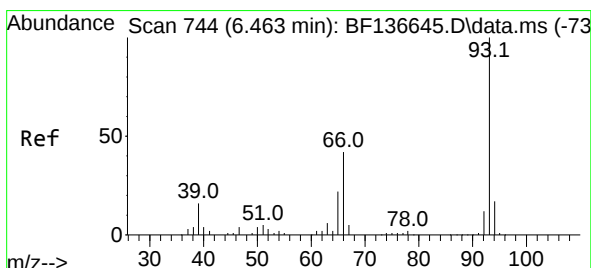
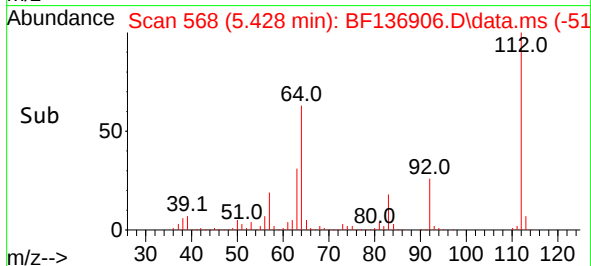
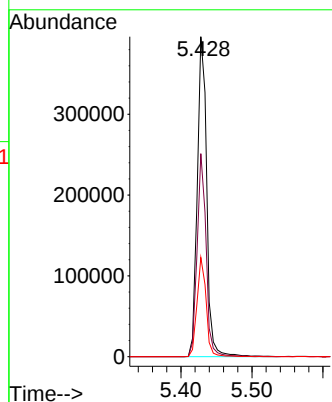
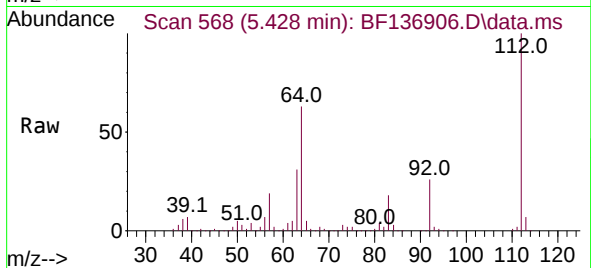
MW-7-122023MS

Tgt Ion:112 Resp: 367584
Ion Ratio Lower Upper
112 100
64 63.5 51.1 76.7
63 31.0 26.1 39.1

Manual Integrations

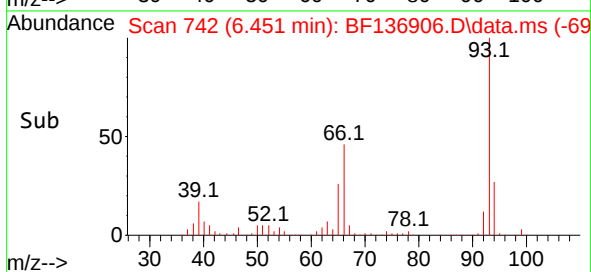
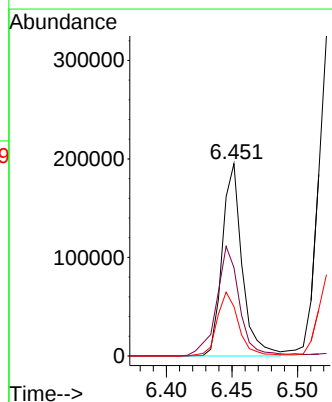
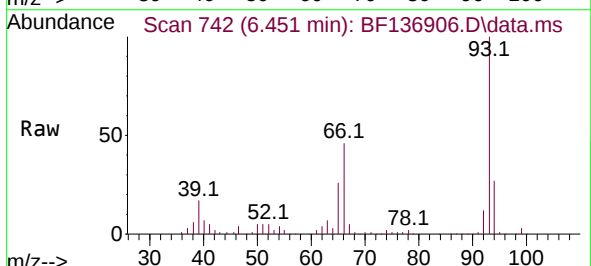
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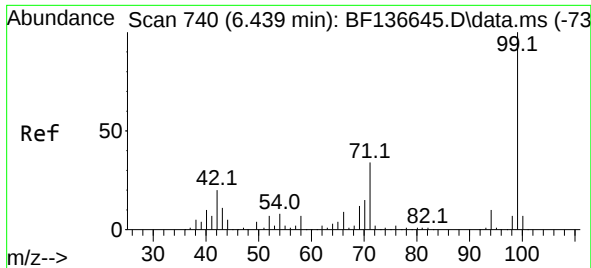
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#6
Aniline
Concen: 27.052 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.011 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

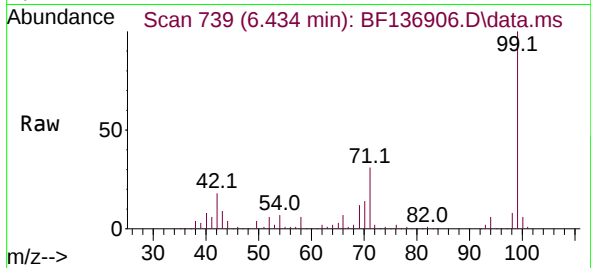
Tgt Ion: 93 Resp: 205053
Ion Ratio Lower Upper
93 100
66 46.0 34.6 51.8
65 25.6 17.8 26.8





#7
Phenol-d6
Concen: 37.817 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

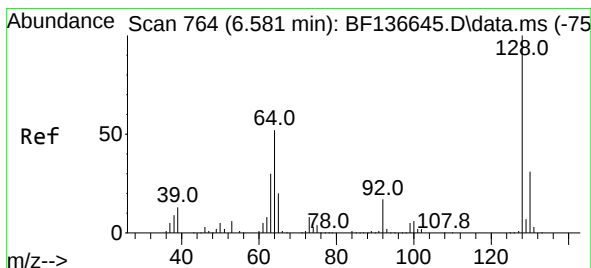
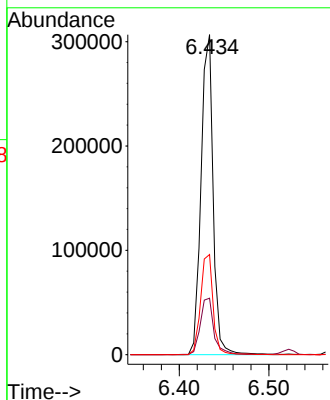
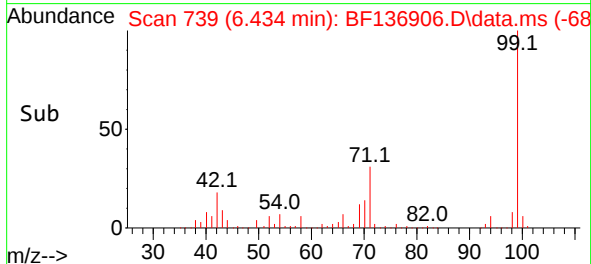
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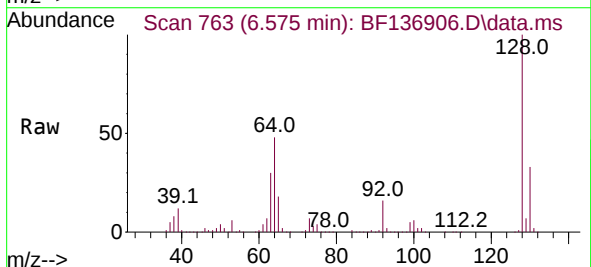
Tgt Ion: 99 Resp: 28671
Ion Ratio Lower Upper
99 100
42 17.6 16.1 24.1
71 31.3 27.4 41.2

Manual Integrations
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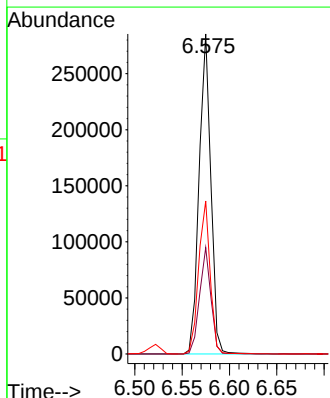
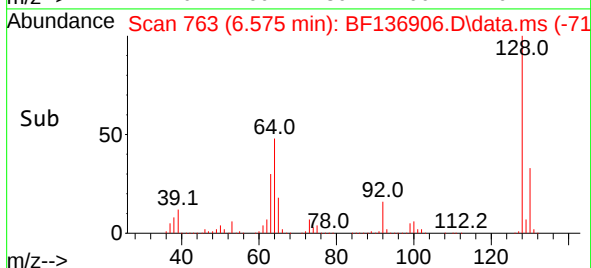
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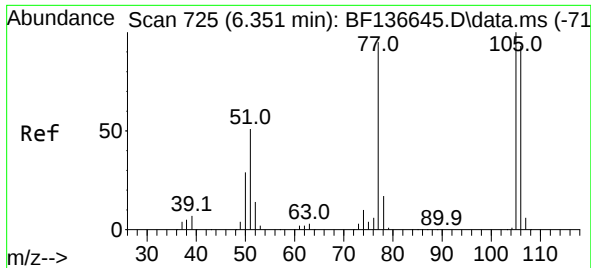


#8
2-Chlorophenol
Concen: 38.280 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



Tgt Ion:128 Resp: 245109
Ion Ratio Lower Upper
128 100
130 33.2 11.3 51.3
64 47.8 32.5 72.5





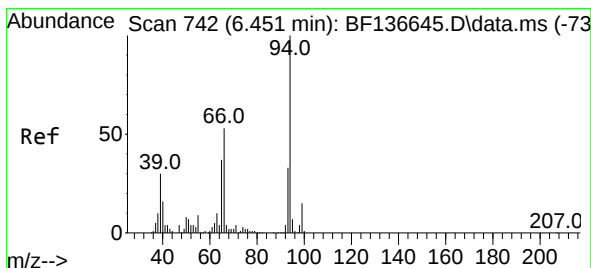
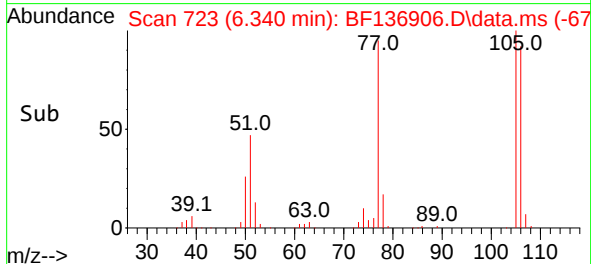
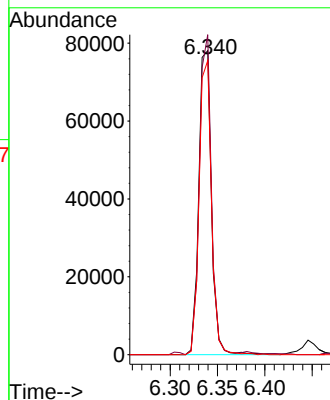
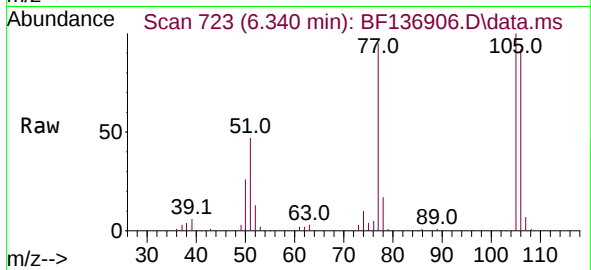
#9
Benzaldehyde
Concen: 16.879 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS

Tgt Ion: 77 Resp: 7278
Ion Ratio Lower Upper
77 100
105 105.3 84.8 124.8
106 96.7 77.8 117.8

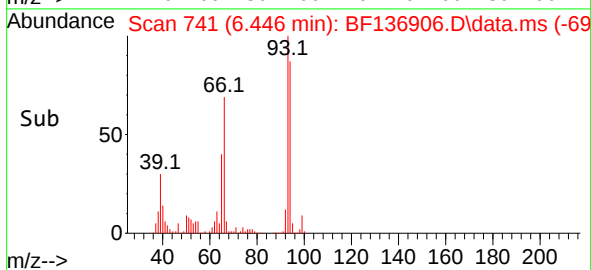
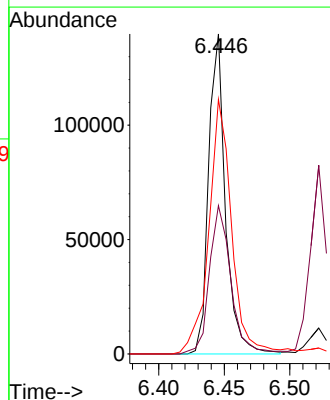
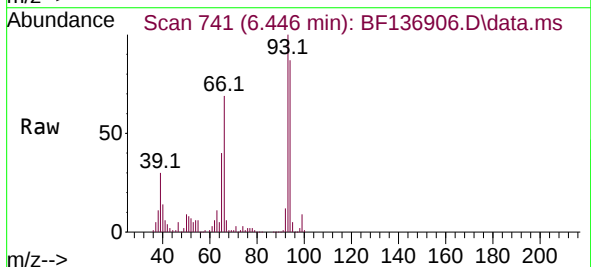
Manual Integrations
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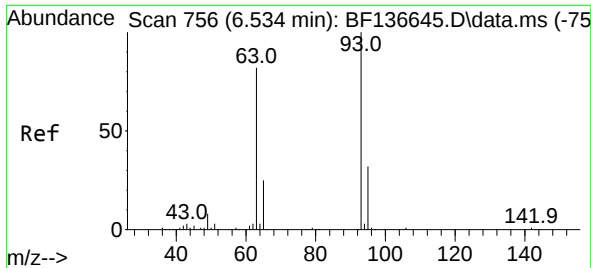
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#10
Phenol
Concen: 15.497 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion: 94 Resp: 125426
Ion Ratio Lower Upper
94 100
65 46.3 16.6 56.6
66 79.6 32.6 72.6#





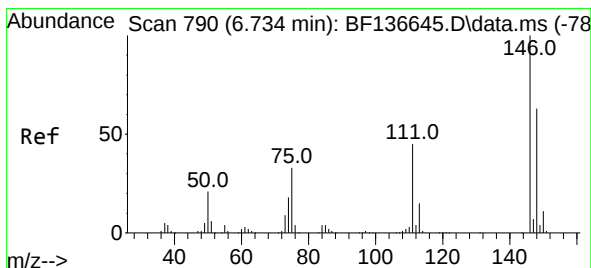
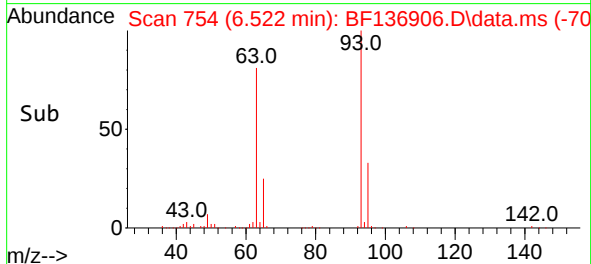
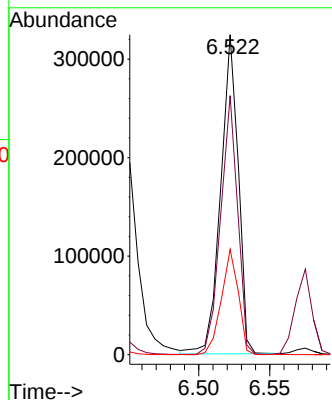
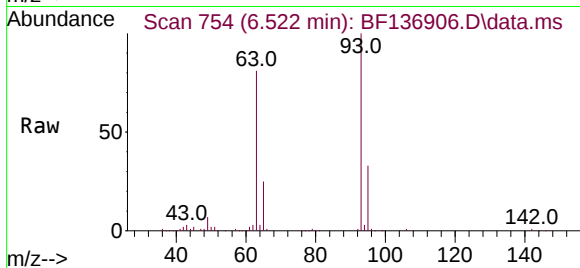
#11
bis(2-Chloroethyl)ether
Concen: 45.143 ng
RT: 6.522 min Scan# 756
Delta R.T. -0.011 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS

Tgt Ion: 93 Resp: 277850
Ion Ratio Lower Upper
93 100
63 80.9 61.2 101.2
95 32.9 11.6 51.6

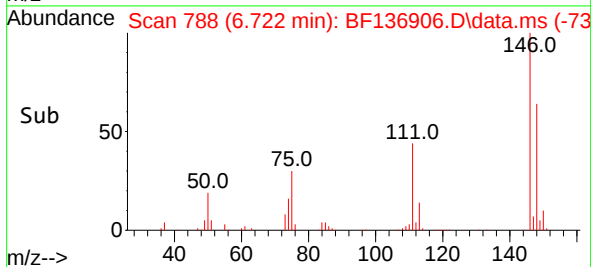
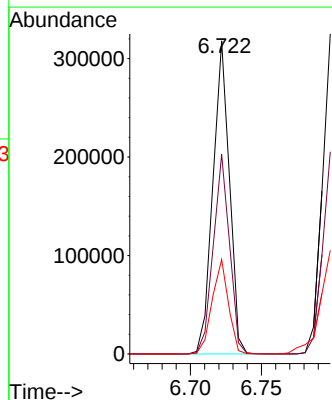
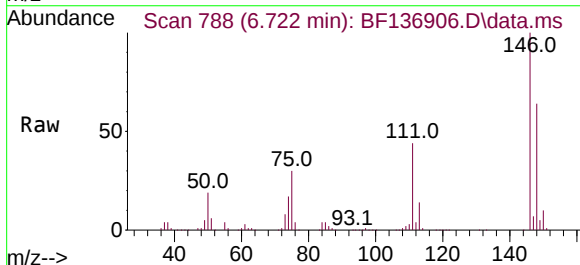
Manual Integrations
APPROVED

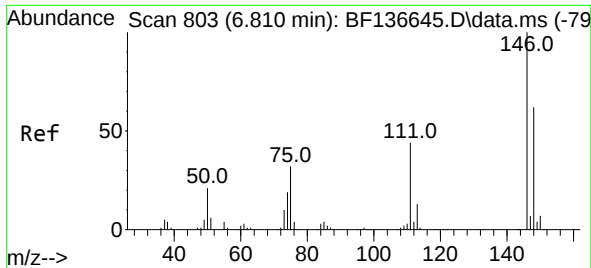
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#12
1,3-Dichlorobenzene
Concen: 36.692 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

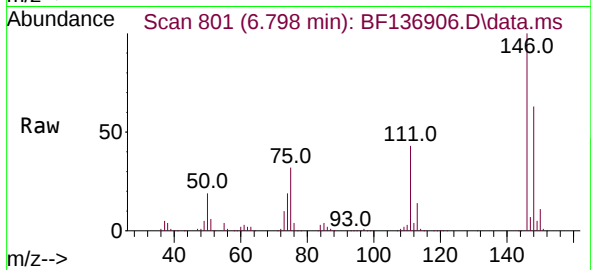
Tgt Ion:146 Resp: 256294
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
75 30.2 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 36.676 ng
RT: 6.798 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

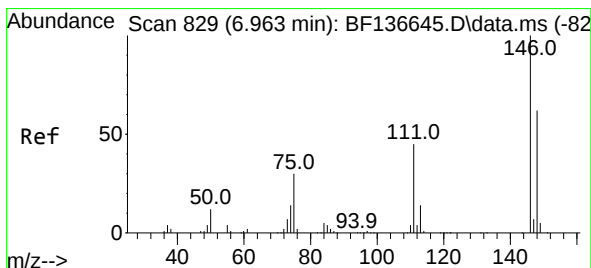
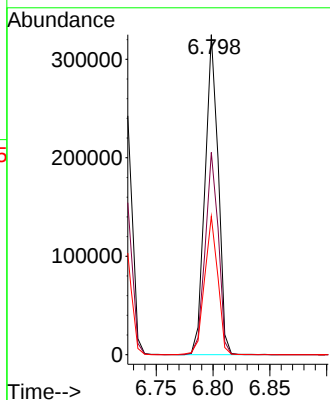
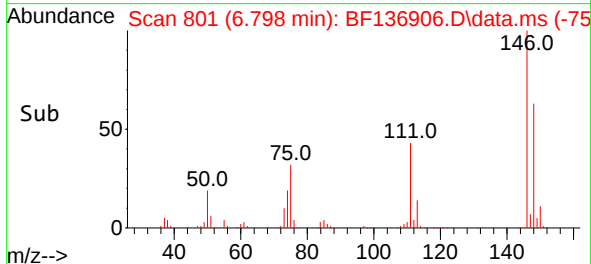
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS



Tgt Ion:146 Resp: 26176
Ion Ratio Lower Upper
146 100
148 63.2 49.2 73.8
111 43.2 35.2 52.8

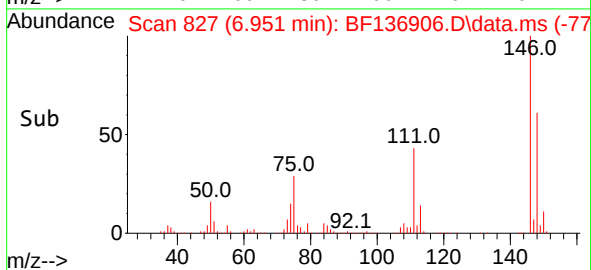
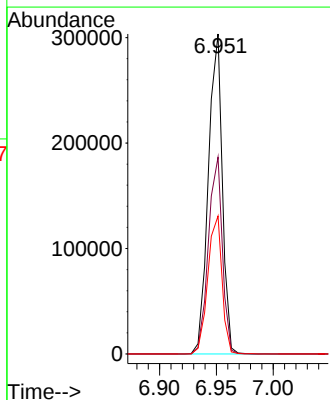
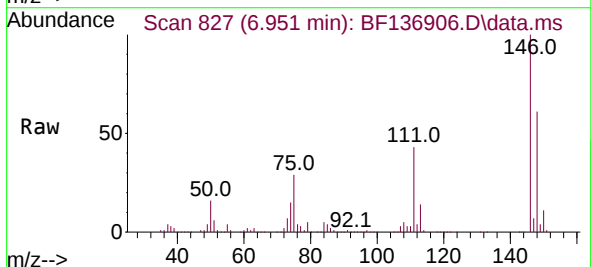
Manual Integrations
APPROVED

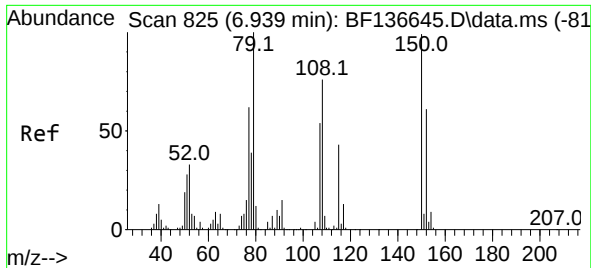
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#14
1,2-Dichlorobenzene
Concen: 38.952 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion:146 Resp: 258685
Ion Ratio Lower Upper
146 100
148 61.5 49.6 74.4
111 43.1 36.2 54.2





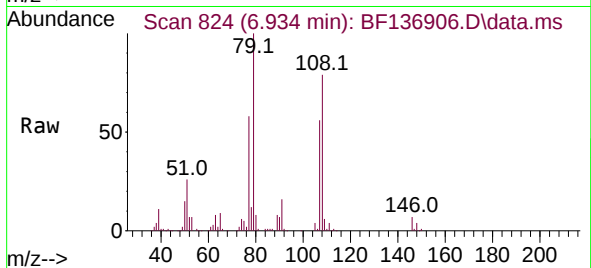
#15
Benzyl Alcohol
Concen: 33.108 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

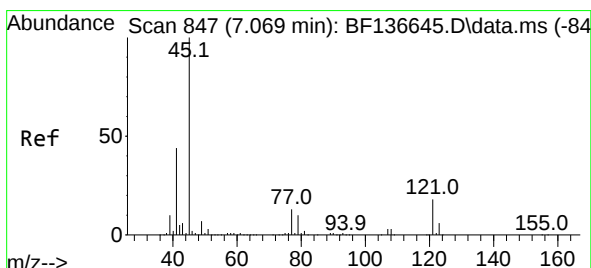
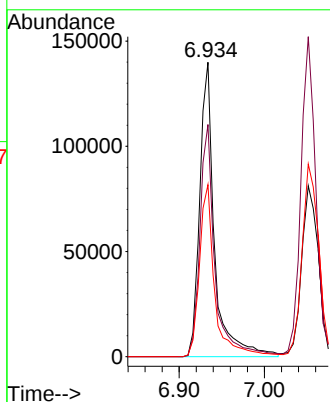
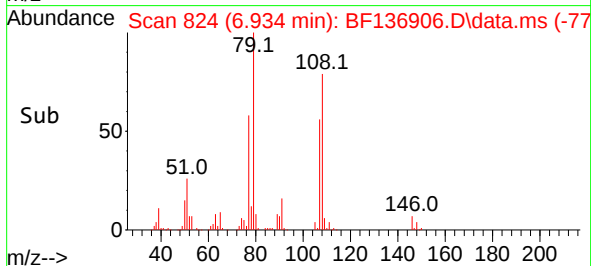
MW-7-122023MS



Tgt Ion: 79 Resp: 16934
Ion Ratio Lower Upper
79 100
108 78.8 61.0 91.6
77 58.4 49.8 74.8

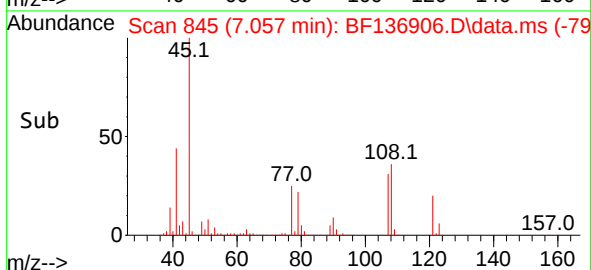
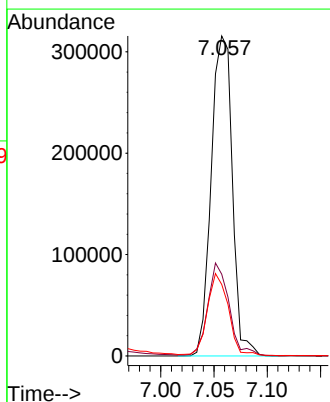
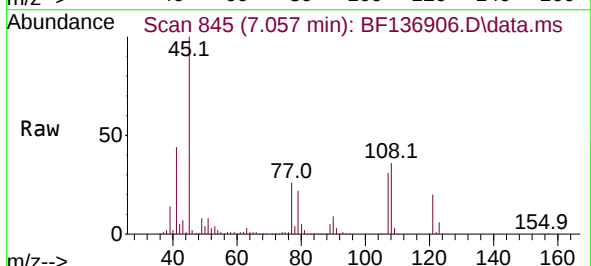
Manual Integrations
APPROVED

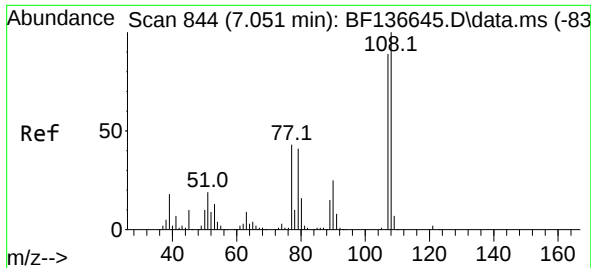
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.174 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion: 45 Resp: 434450
Ion Ratio Lower Upper
45 100
77 25.6 0.0 34.3
79 22.4 0.0 31.4





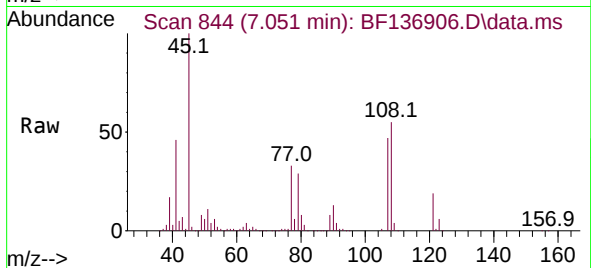
#17
2-Methylphenol
Concen: 30.636 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS

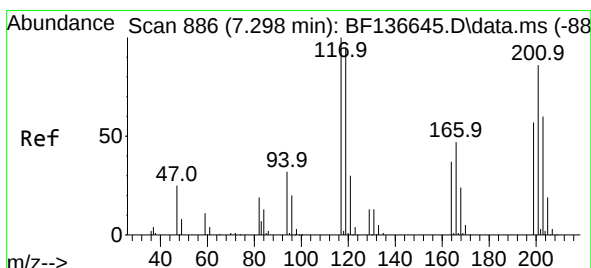
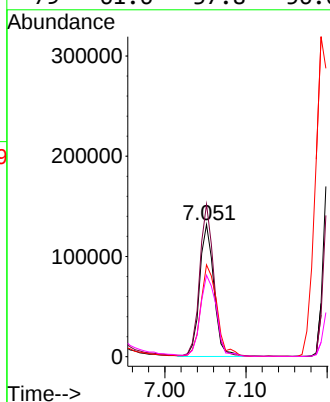
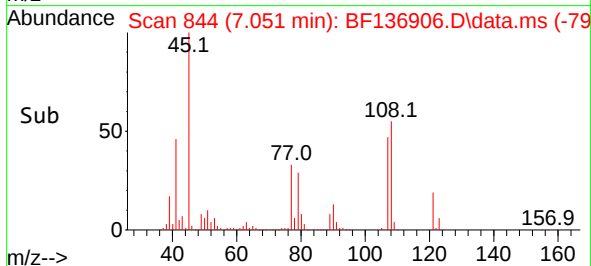


Tgt Ion:107 Resp: 162500
Ion Ratio Lower Upper
107 100
108 115.3 90.3 135.5
77 69.5 38.7 58.1
79 61.6 37.8 56.6

Manual Integrations

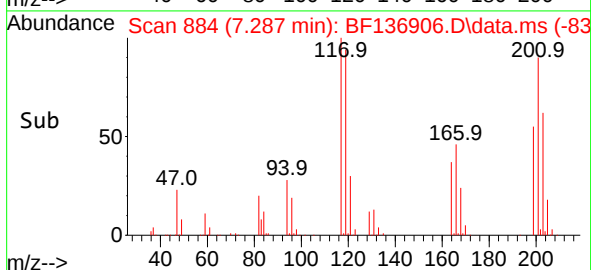
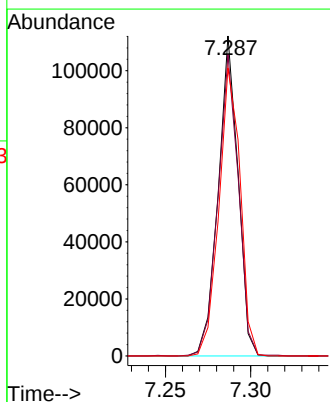
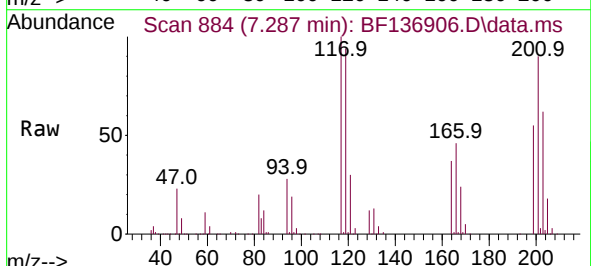
APPROVED

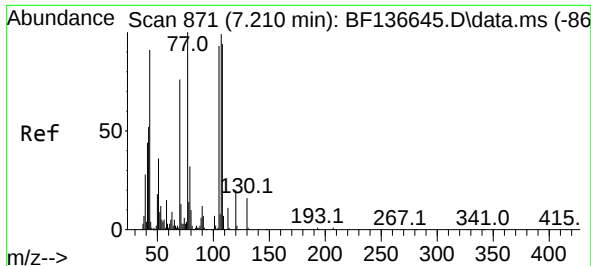
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#18
Hexachloroethane
Concen: 34.927 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

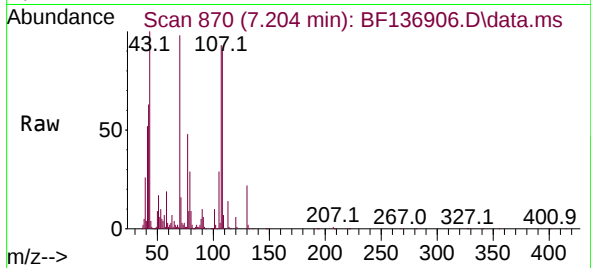
Tgt Ion:117 Resp: 90530
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.6
201 90.0 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 45.781 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

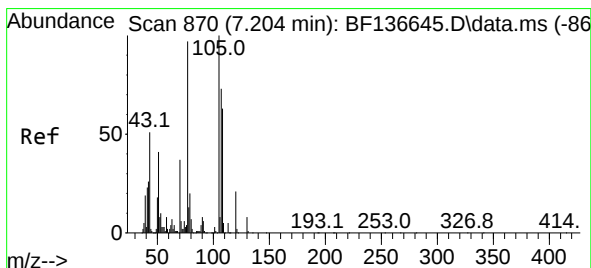
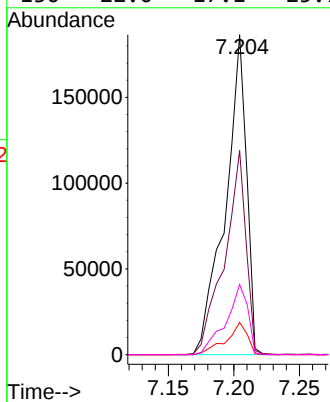
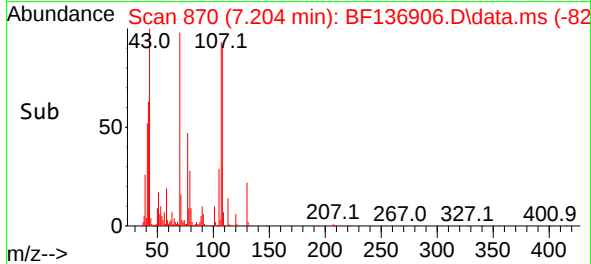
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS



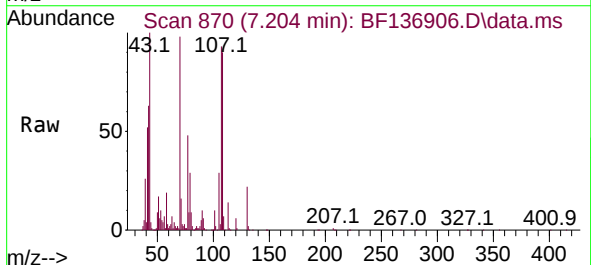
Tgt Ion: 70 Resp: 21040
Ion Ratio Lower Upper
70 100
42 63.8 54.2 81.4
101 10.1 7.6 11.4
130 22.0 17.1 25.7

Manual Integrations
APPROVED

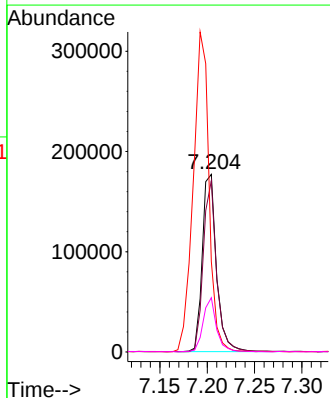
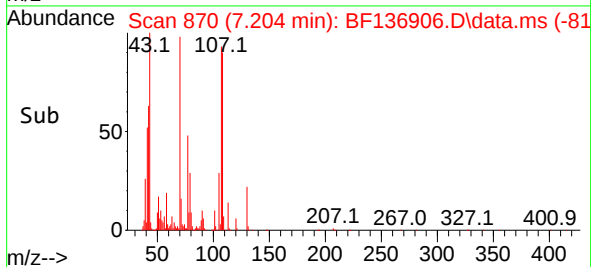
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#20
3+4-Methylphenols
Concen: 27.737 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



Tgt Ion:107 Resp: 183812
Ion Ratio Lower Upper
107 100
108 96.4 66.0 106.0
77 51.0 114.2 154.2#
79 30.5 7.2 47.2





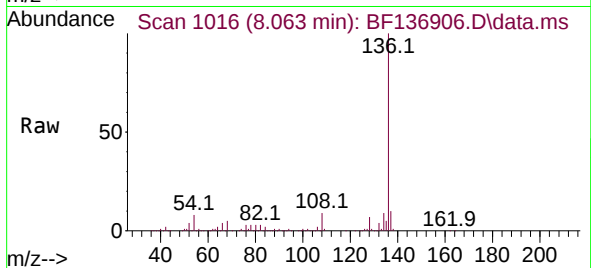
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS

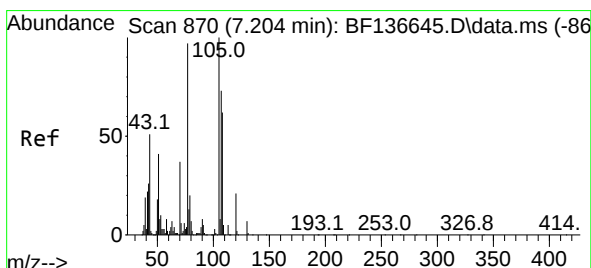
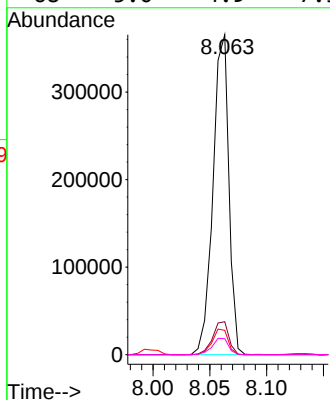
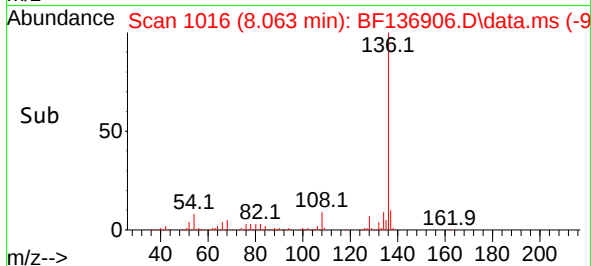


Tgt Ion:136 Resp: 355518
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 7.6 7.2 10.8
68 5.0 4.9 7.3

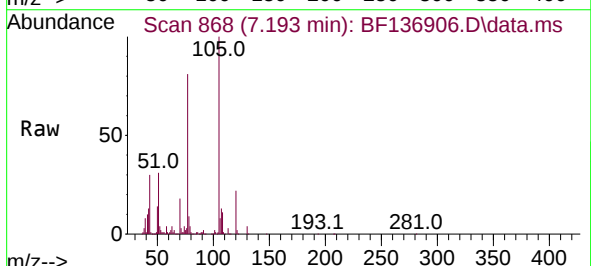
Manual Integrations

APPROVED

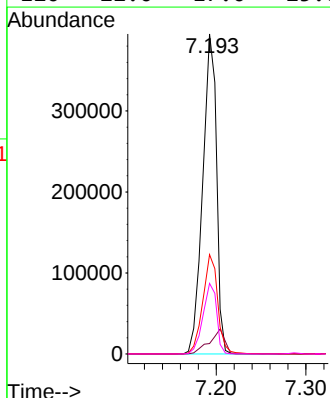
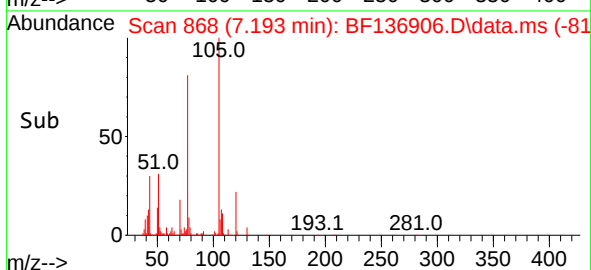
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#22
Acetophenone
Concen: 47.406 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



Tgt Ion:105 Resp: 422432
Ion Ratio Lower Upper
105 100
71 3.2 4.8 7.2#
51 31.0 32.8 49.2#
120 22.0 17.0 25.6





#23
Nitrobenzene-d5
Concen: 85.903 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

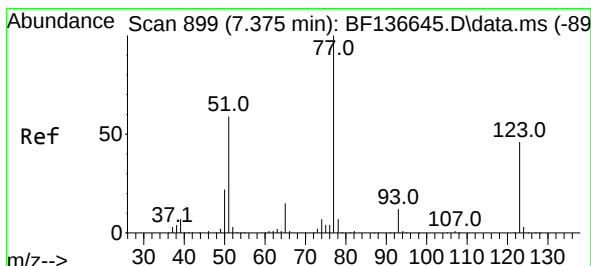
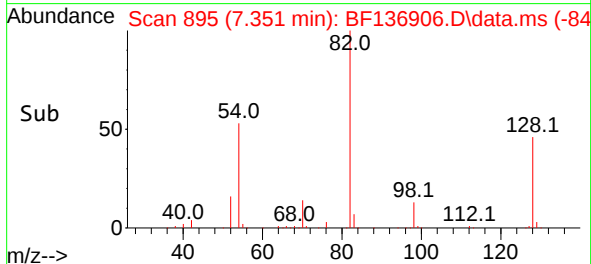
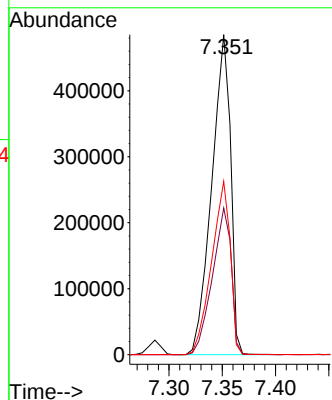
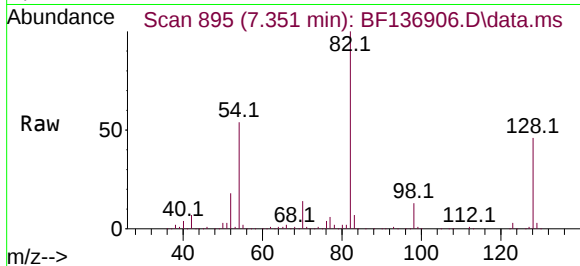
ClientSampleId :

MW-7-122023MS

Tgt Ion: 82 Resp: 596820
Ion Ratio Lower Upper
82 100
128 45.9 35.3 52.9
54 54.1 44.5 66.7

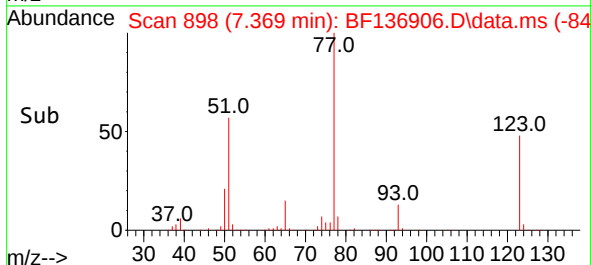
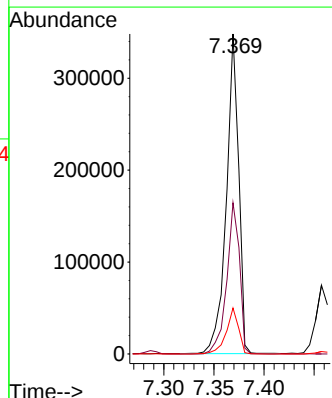
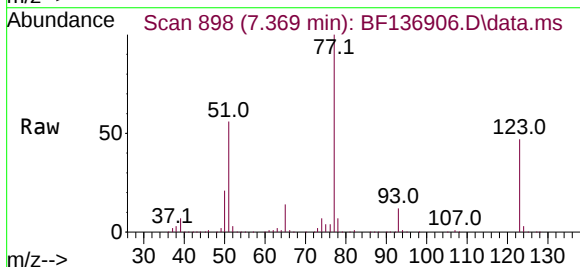
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#24
Nitrobenzene
Concen: 42.729 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

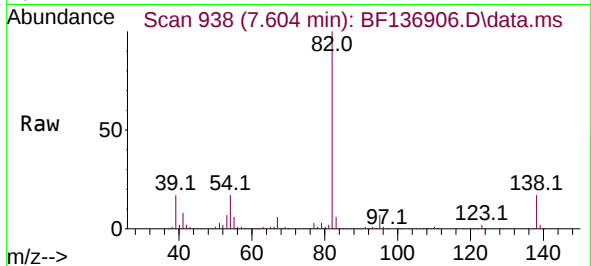
Tgt Ion: 77 Resp: 297384
Ion Ratio Lower Upper
77 100
123 47.2 36.7 55.1
65 14.4 11.8 17.6





#25
Isophorone
Concen: 45.098 ng
RT: 7.604 min Scan# 910
Delta R.T. -0.011 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

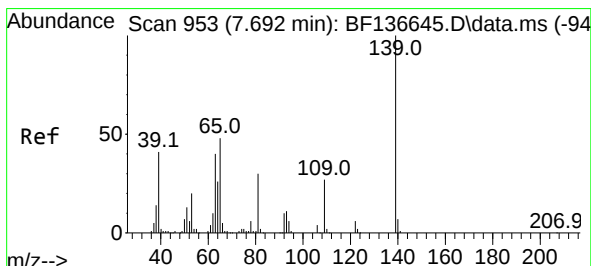
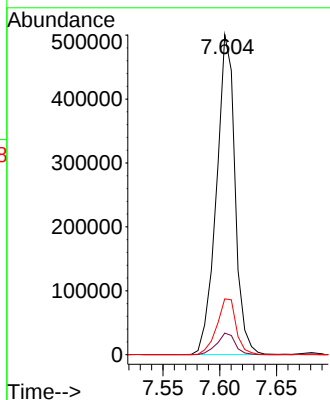
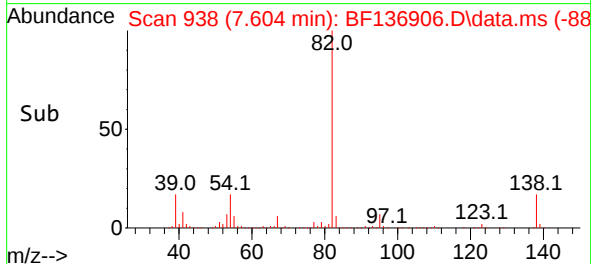
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS



Tgt Ion: 82 Resp: 570120
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.5 14.5 21.7

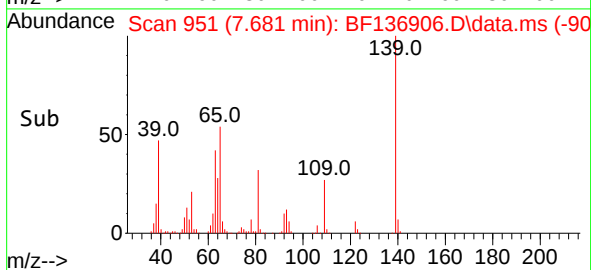
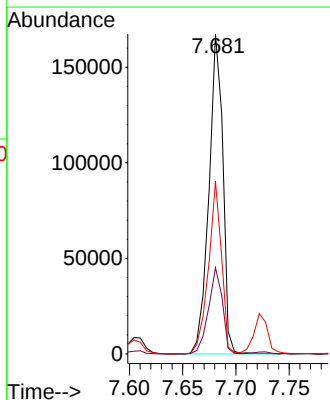
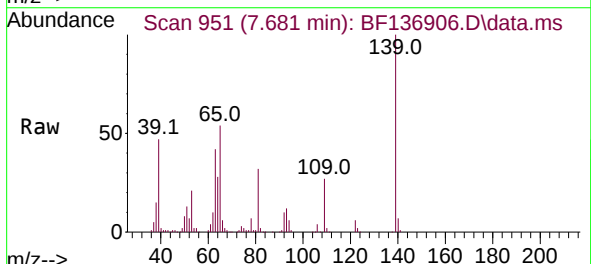
Manual Integrations
APPROVED

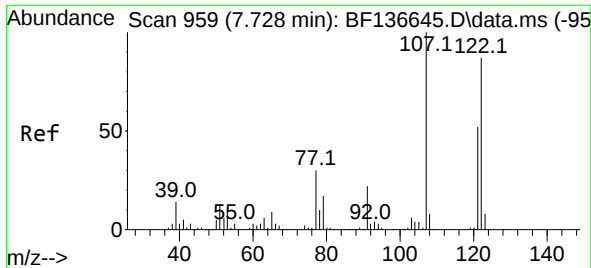
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#26
2-Nitrophenol
Concen: 45.814 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion:139 Resp: 152553
Ion Ratio Lower Upper
139 100
109 27.0 21.9 32.9
65 53.9 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 49.885 ng
RT: 7.722 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

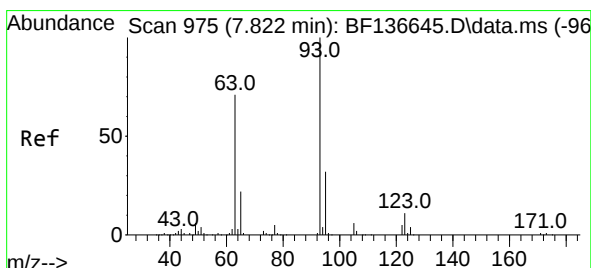
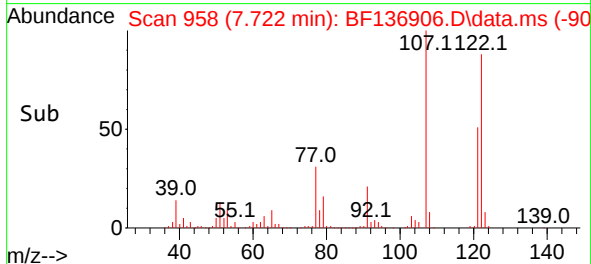
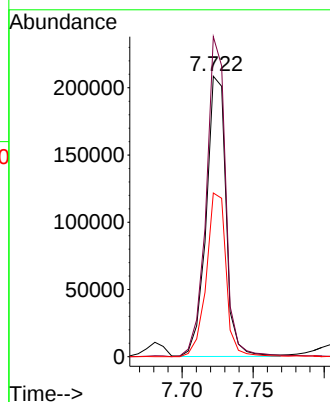
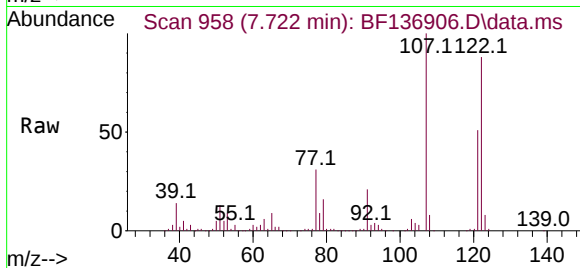
MW-7-122023MS

Tgt Ion:122 Resp: 202229
Ion Ratio Lower Upper
122 100
107 114.1 92.0 138.0
121 58.4 47.5 71.3

Manual Integrations

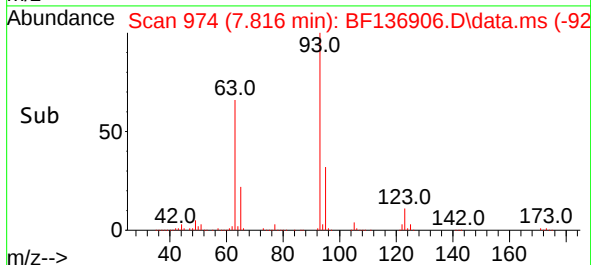
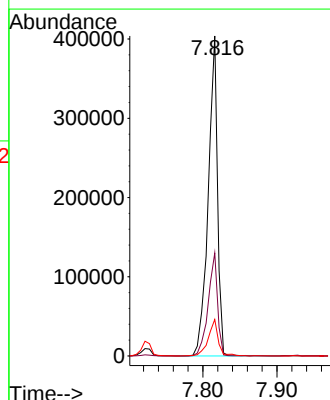
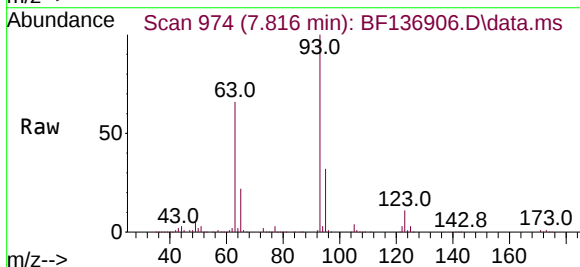
APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.986 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion: 93 Resp: 353376
Ion Ratio Lower Upper
93 100
95 32.2 25.5 38.3
123 11.4 9.2 13.8





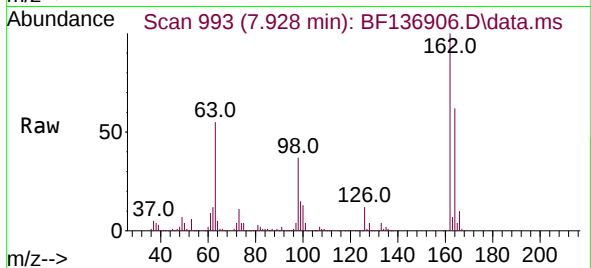
#29
2,4-Dichlorophenol
Concen: 43.518 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS

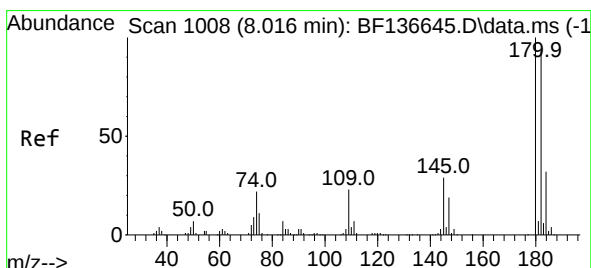
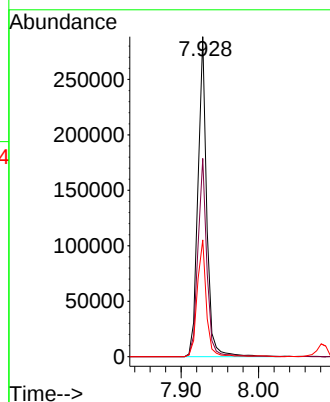
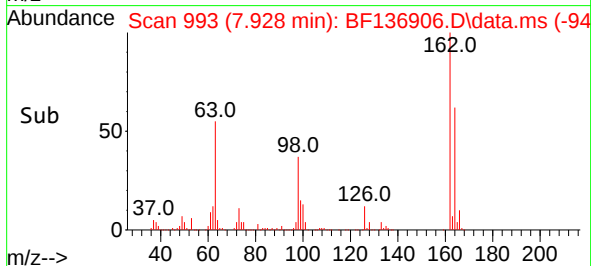


Tgt Ion:162 Resp: 227120
Ion Ratio Lower Upper
162 100
164 61.9 41.7 81.7
98 36.5 19.5 59.5

Manual Integrations

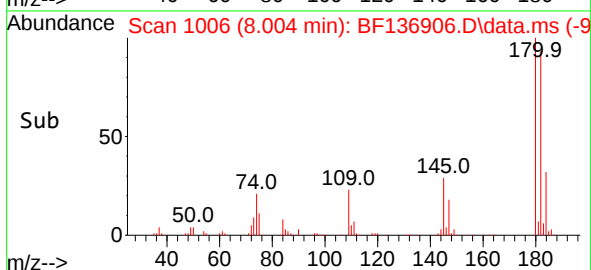
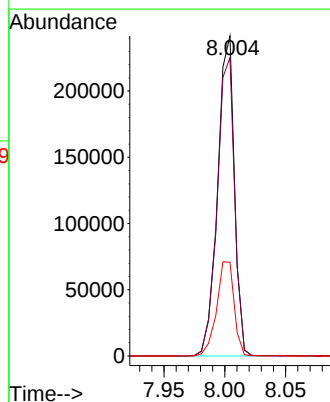
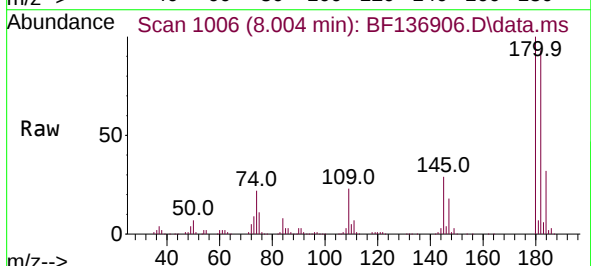
APPROVED

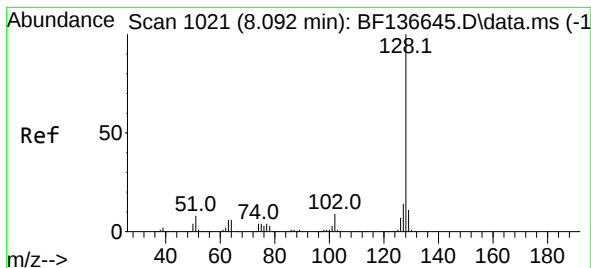
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.989 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion:180 Resp: 232532
Ion Ratio Lower Upper
180 100
182 93.2 75.4 113.0
145 29.3 23.1 34.7





#31

Naphthalene

Concen: 41.692 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF136906.D

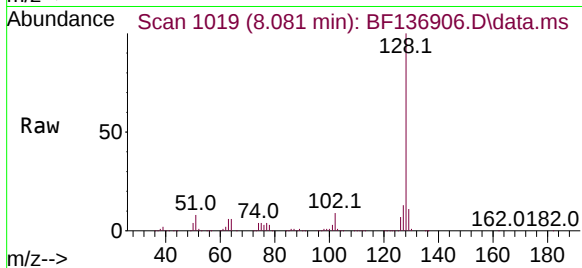
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS



Tgt Ion:128 Resp: 814298

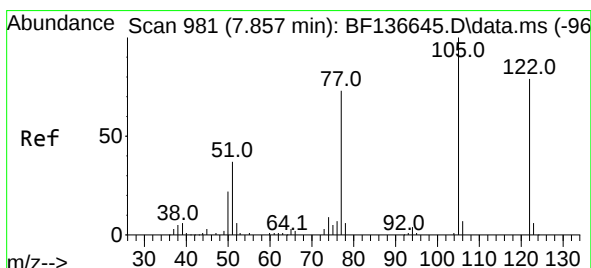
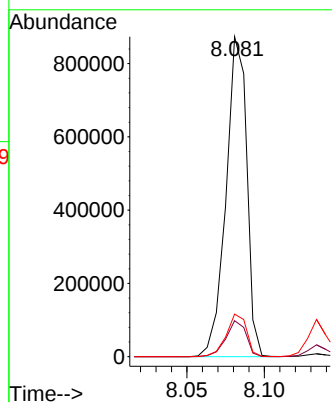
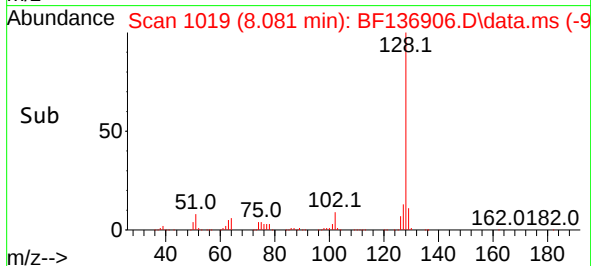
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.3	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#32

Benzoic acid

Concen: 13.317 ng

RT: 7.840 min Scan# 978

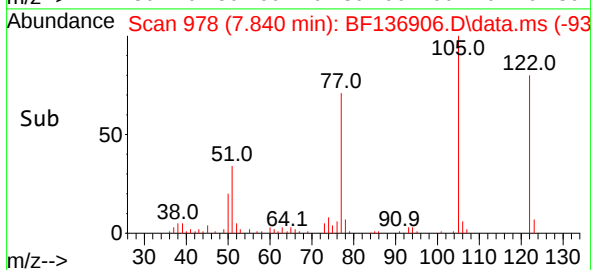
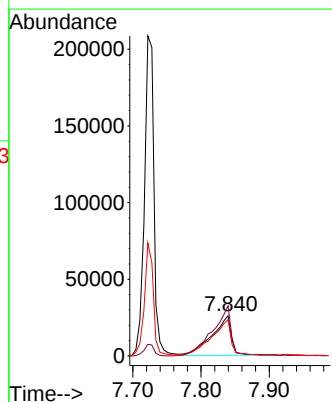
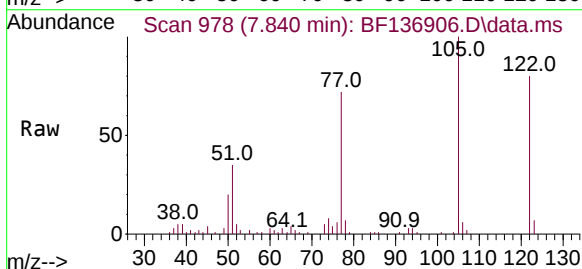
Delta R.T. -0.017 min

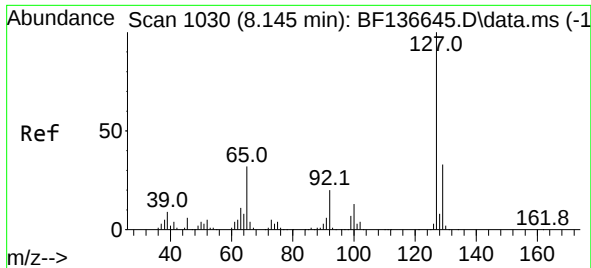
Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Tgt Ion:122 Resp: 52236

Ion	Ratio	Lower	Upper
122	100		
105	124.5	100.8	140.8
77	90.1	70.9	110.9





#33
4-Chloroaniline
Concen: 14.305 ng
RT: 8.134 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

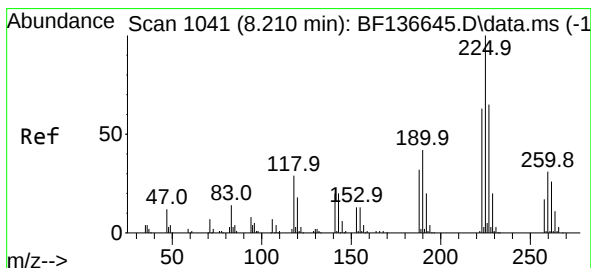
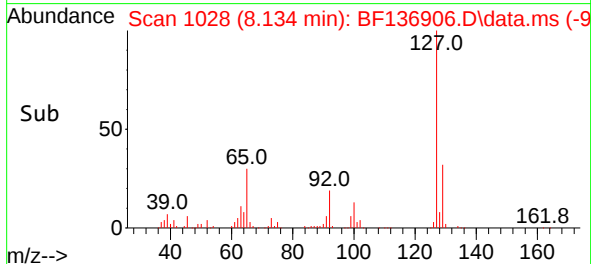
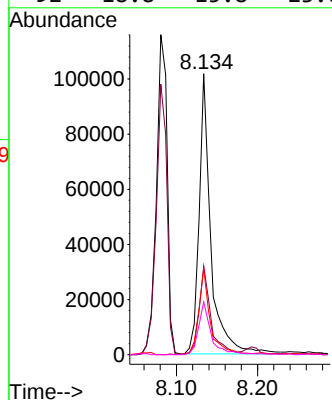
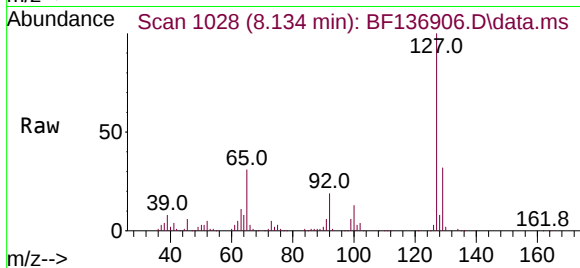
ClientSampleId :

MW-7-122023MS

Tgt Ion:127 Resp: 10315
Ion Ratio Lower Upper
127 100
129 31.6 26.3 39.5
65 30.7 25.8 38.8
92 18.8 15.8 23.6

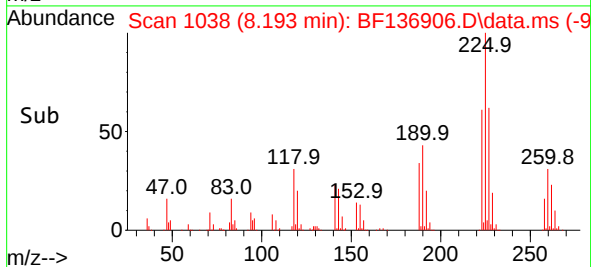
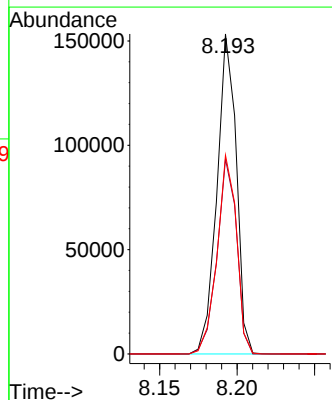
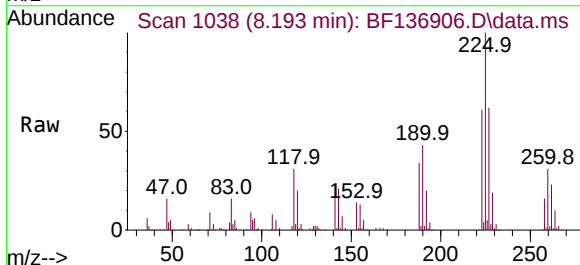
Manual Integrations
APPROVED

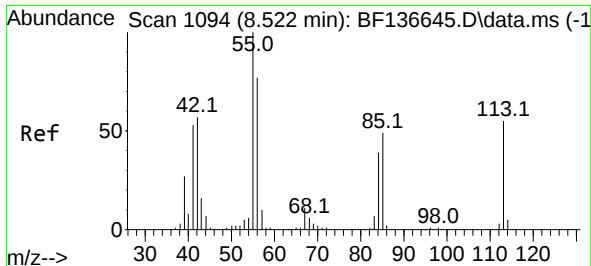
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#34
Hexachlorobutadiene
Concen: 37.611 ng
RT: 8.193 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion:225 Resp: 132878
Ion Ratio Lower Upper
225 100
223 60.9 50.6 76.0
227 62.2 51.9 77.9





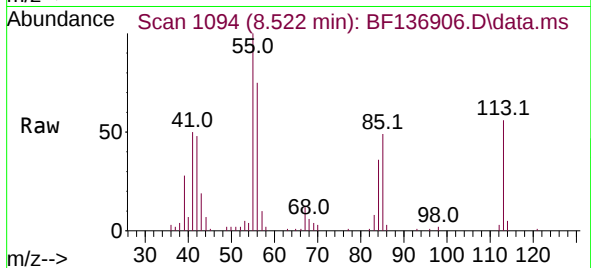
#35
Caprolactam
Concen: 8.728 ng m
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS



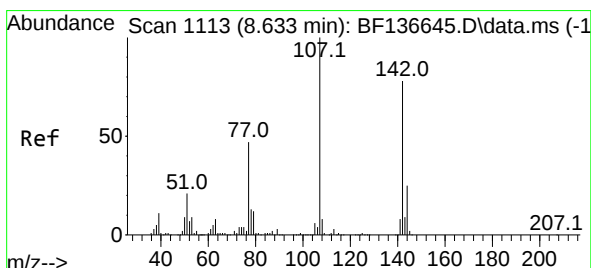
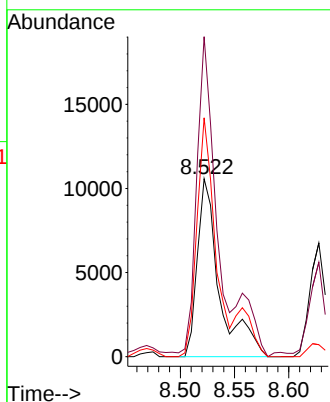
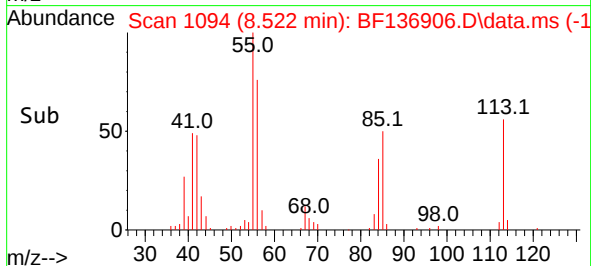
Tgt Ion:113 Resp: 15028
Ion Ratio Lower Upper
113 100
55 179.9 163.1 203.1
56 134.3 121.7 161.7

Manual Integrations

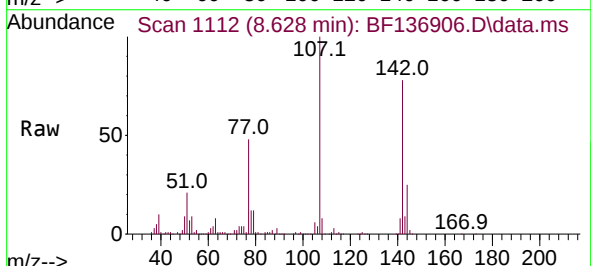
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

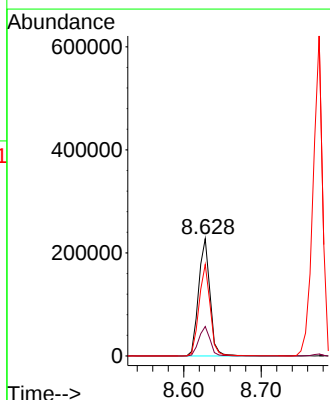
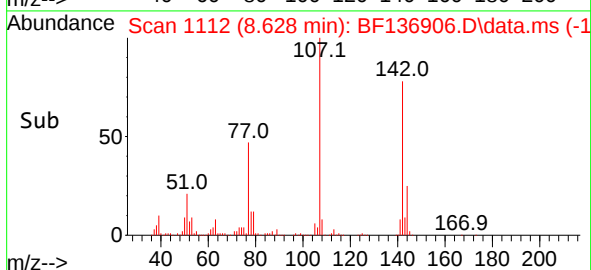
Supervised By :mohammad ahmed 01/04/2024

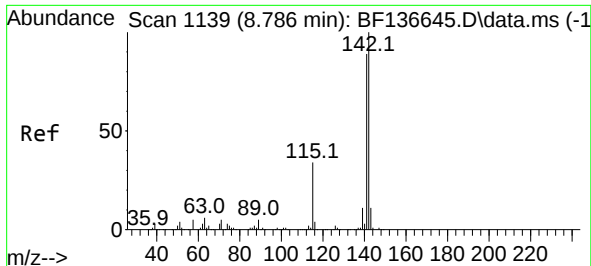


#36
4-Chloro-3-methylphenol
Concen: 39.528 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



Tgt Ion:107 Resp: 232244
Ion Ratio Lower Upper
107 100
144 25.1 20.2 30.2
142 78.1 62.3 93.5





#37

2-Methylnaphthalene

Concen: 41.731 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS

Tgt Ion:142 Resp: 52454

Ion Ratio Lower Upper

142 100

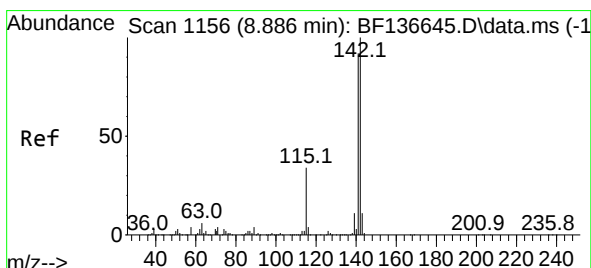
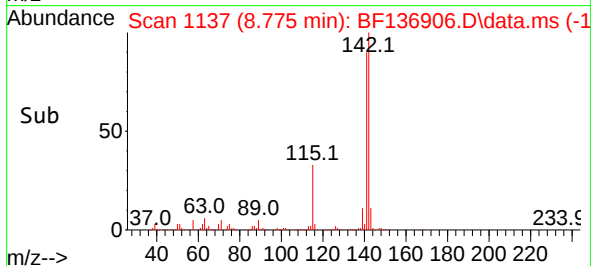
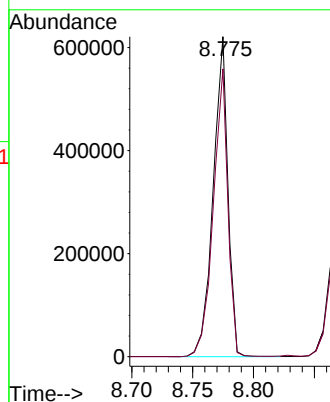
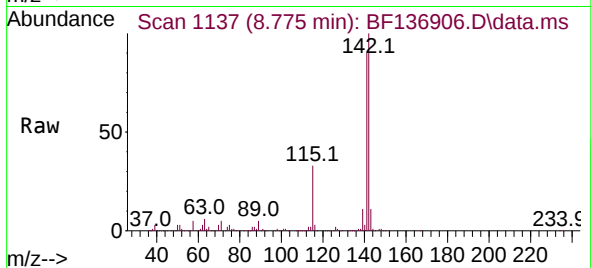
141 90.0 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#38

1-Methylnaphthalene

Concen: 41.346 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136906.D

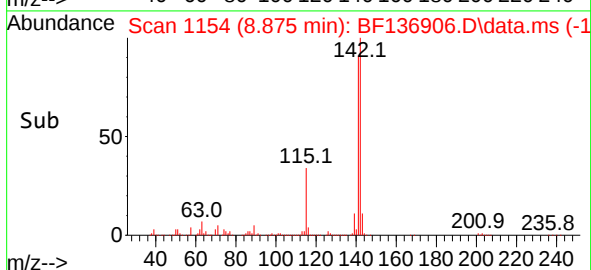
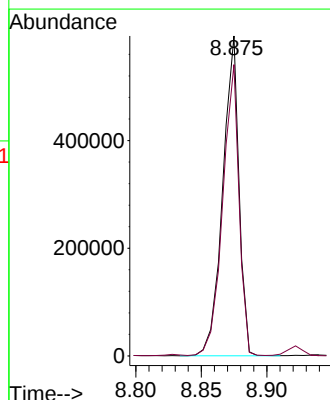
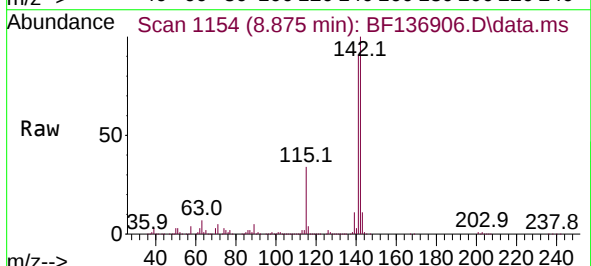
Acq: 03 Jan 2024 14:20

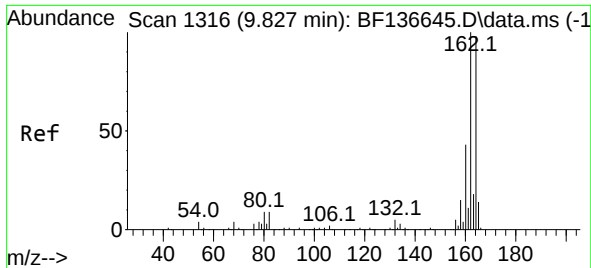
Tgt Ion:142 Resp: 509879

Ion Ratio Lower Upper

142 100

141 91.0 73.6 110.4





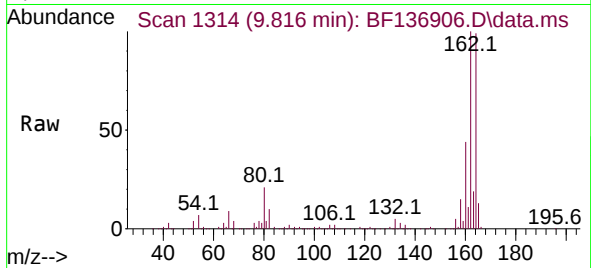
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS



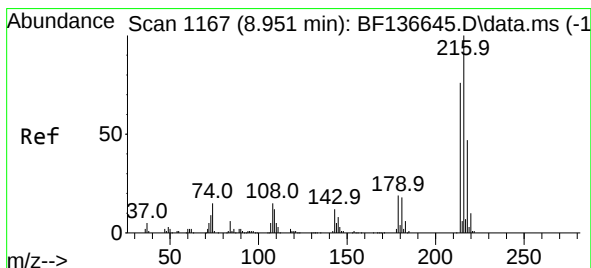
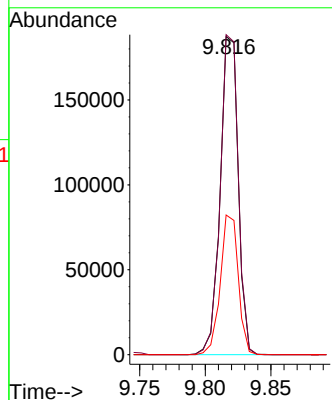
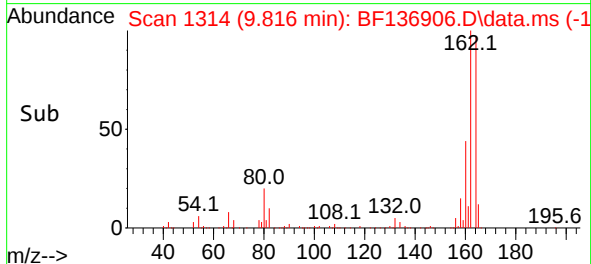
Tgt Ion:164 Resp: 17883
Ion Ratio Lower Upper
164 100
162 100.6 81.6 122.4
160 43.9 34.9 52.3

Manual Integrations

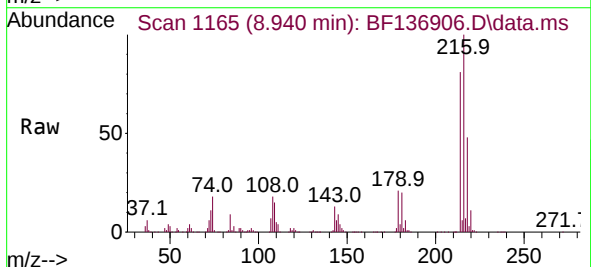
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

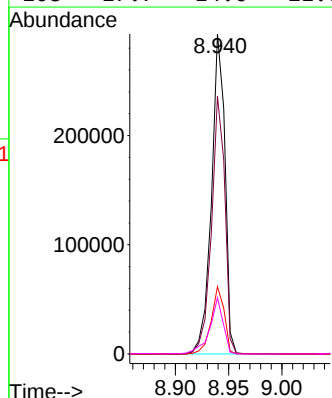
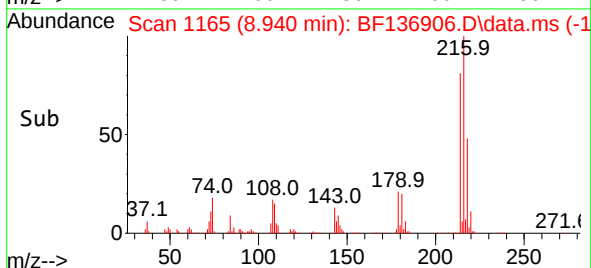
Supervised By :mohammad ahmed 01/04/2024

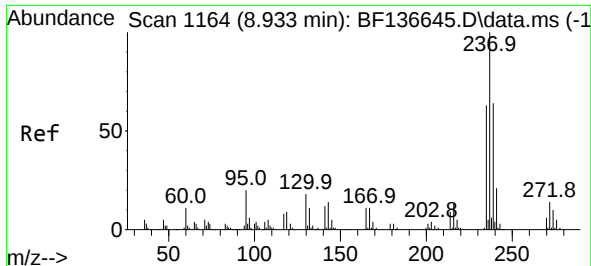


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.544 ng
RT: 8.940 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



Tgt Ion:216 Resp: 257778
Ion Ratio Lower Upper
216 100
214 79.7 62.3 93.5
179 20.5 16.4 24.6
108 17.7 14.0 21.0





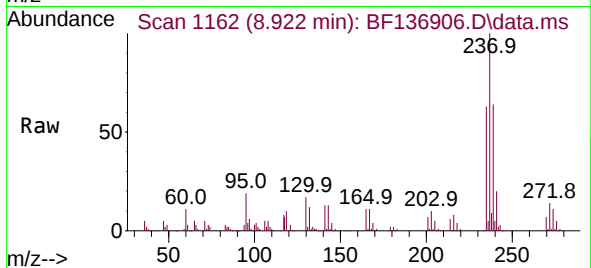
#41
Hexachlorocyclopentadiene
Concen: 74.704 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS

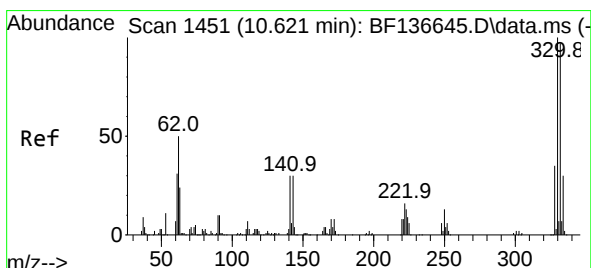
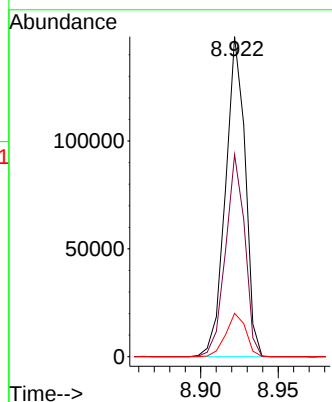
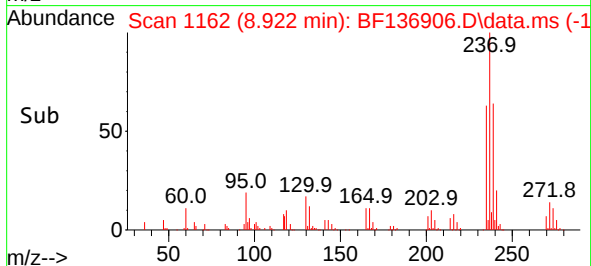


Tgt Ion:237 Resp: 131310
Ion Ratio Lower Upper
237 100
235 63.1 43.2 83.2
272 13.5 0.0 34.2

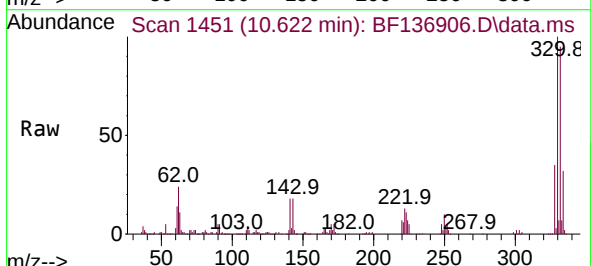
Manual Integrations

APPROVED

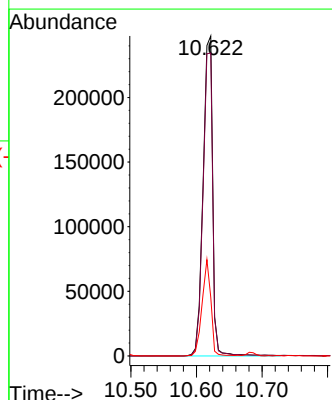
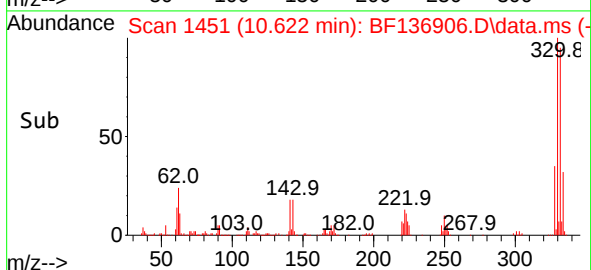
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#42
2,4,6-Tribromophenol
Concen: 119.941 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



Tgt Ion:330 Resp: 252618
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.0
141 27.7 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 47.050 ng

RT: 9.057 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS

Tgt Ion:196 Resp: 167118

Ion Ratio Lower Upper

196 100

198 98.2 75.1 112.7

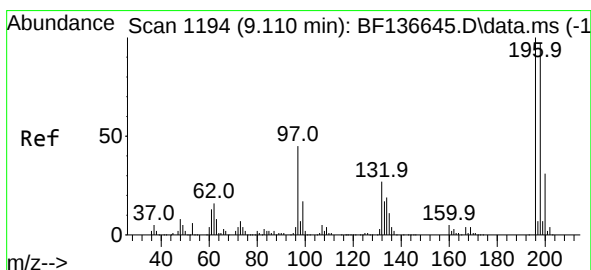
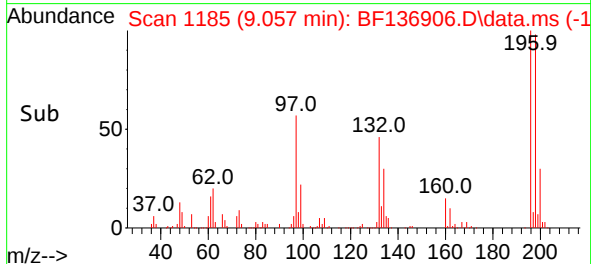
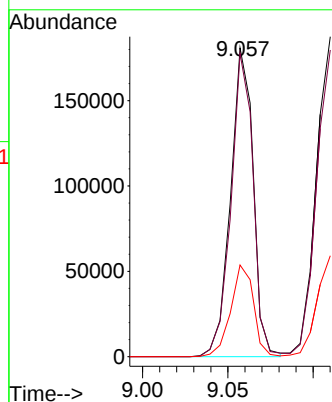
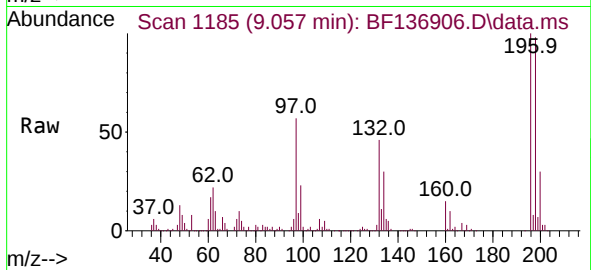
200 29.7 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#44

2,4,5-Trichlorophenol

Concen: 45.675 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Tgt Ion:196 Resp: 180785

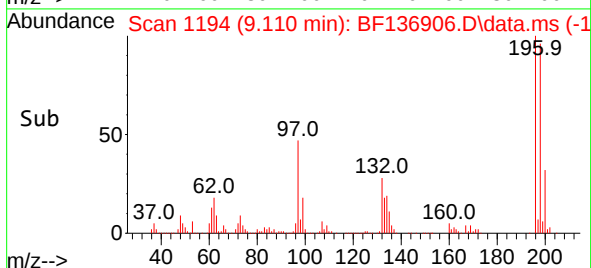
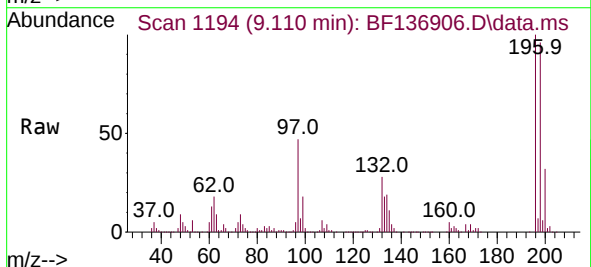
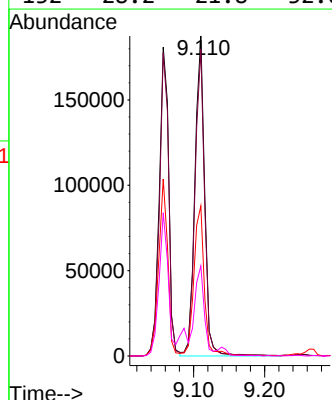
Ion Ratio Lower Upper

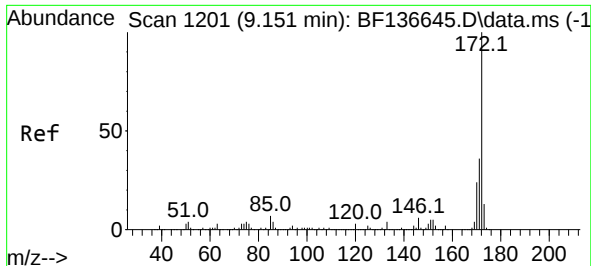
196 100

198 95.8 77.0 115.6

97 46.9 36.1 54.1

132 28.2 21.8 32.6





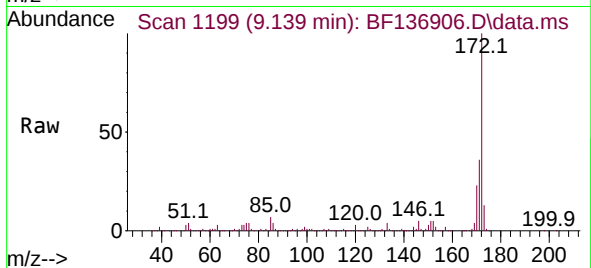
#45
2-Fluorobiphenyl
Concen: 85.342 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS

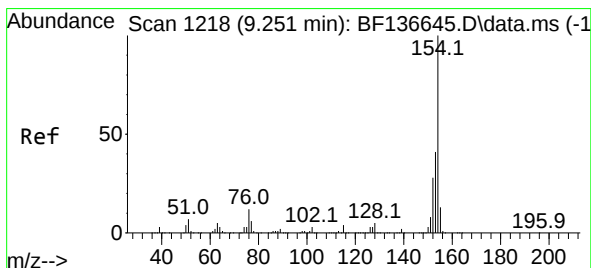
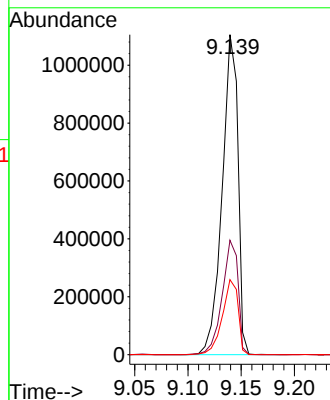
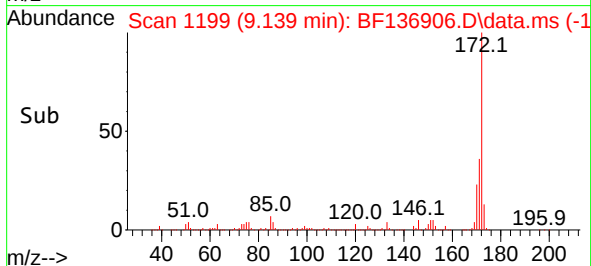


Tgt Ion:172 Resp: 113474
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.4 19.0 28.4

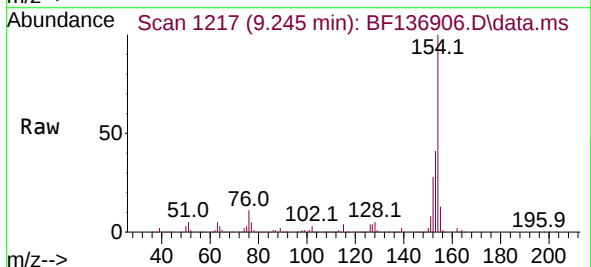
Manual Integrations

APPROVED

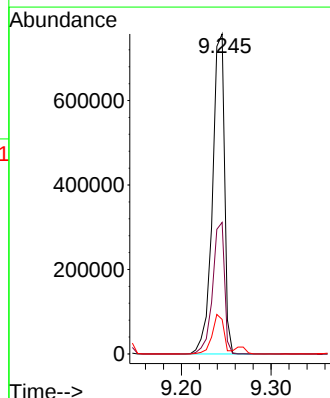
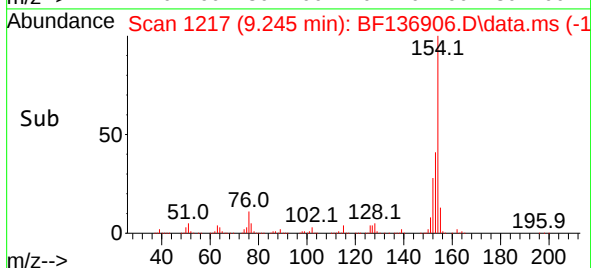
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

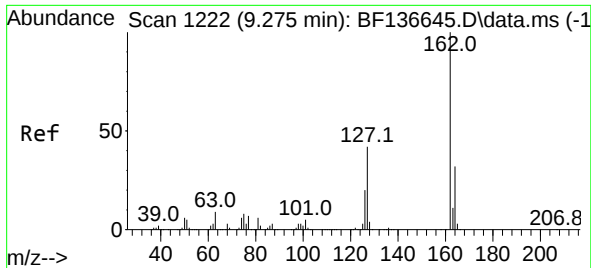


#46
1,1'-Biphenyl
Concen: 47.167 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



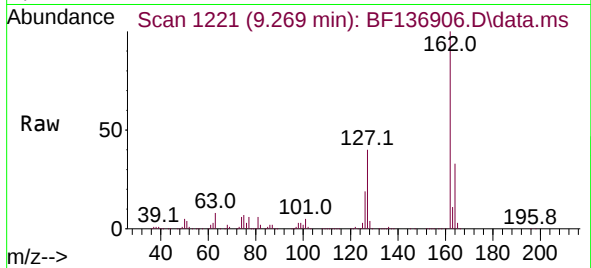
Tgt Ion:154 Resp: 707836
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 10.8 0.0 31.7





#47
2-Chloronaphthalene
Concen: 44.321 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

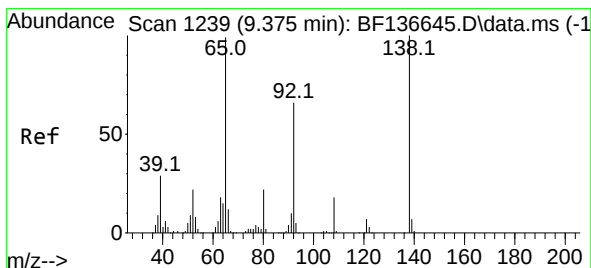
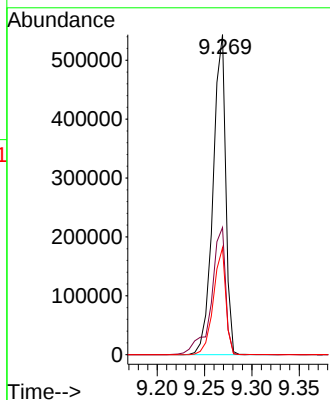
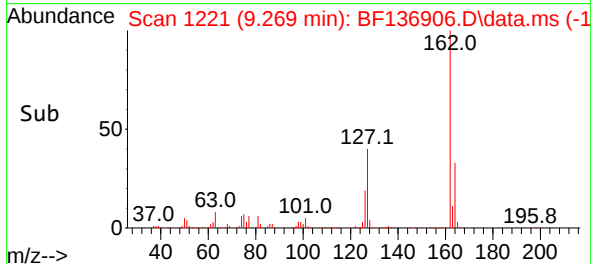
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS



Tgt Ion:162 Resp: 505640
Ion Ratio Lower Upper
162 100
127 39.8 33.6 50.4
164 33.4 25.7 38.5

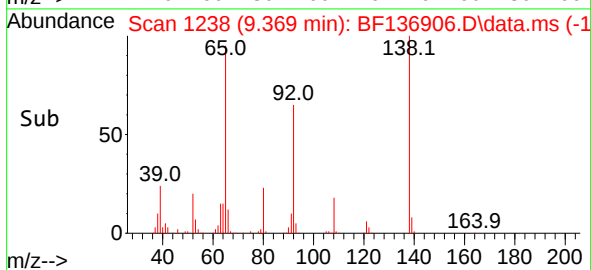
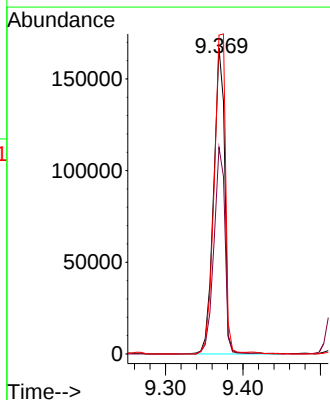
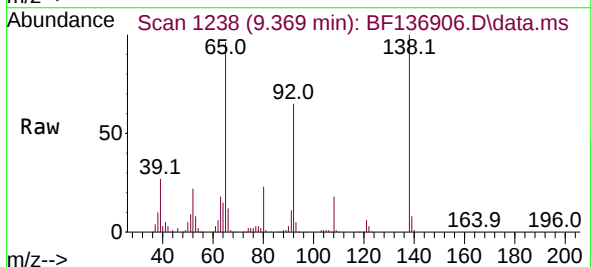
Manual Integrations
APPROVED

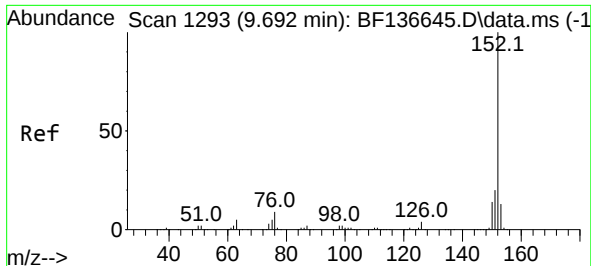
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#48
2-Nitroaniline
Concen: 46.342 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion: 65 Resp: 165561
Ion Ratio Lower Upper
65 100
92 67.5 53.2 79.8
138 104.1 81.1 121.7





#49

Acenaphthylene

Concen: 46.641 ng

RT: 9.681 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF136906.D

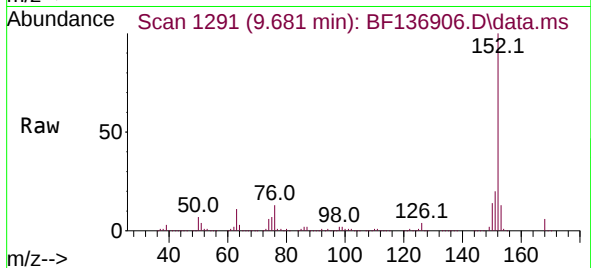
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS



Tgt Ion:152 Resp: 81331

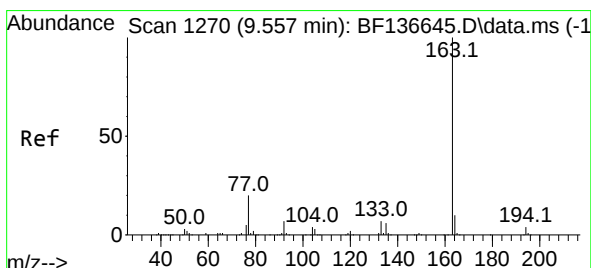
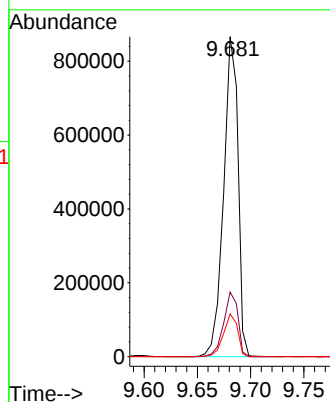
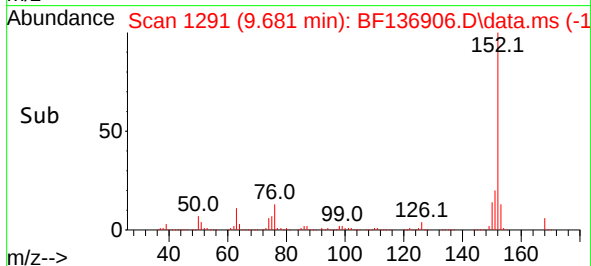
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.3	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#50

Dimethylphthalate

Concen: 46.971 ng

RT: 9.551 min Scan# 1269

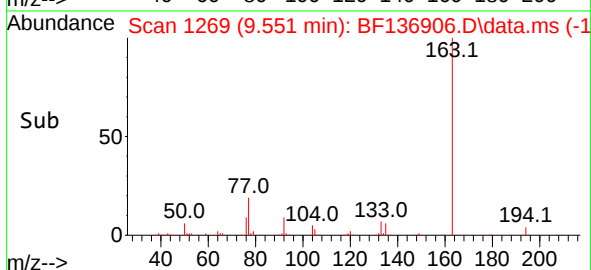
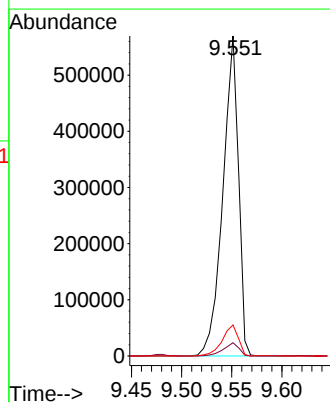
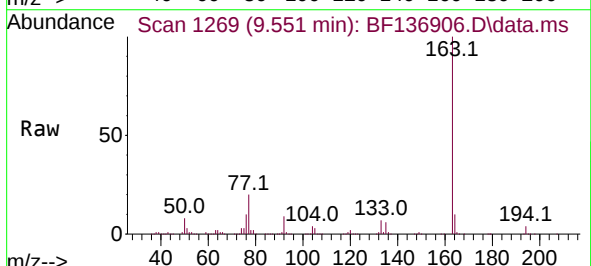
Delta R.T. -0.006 min

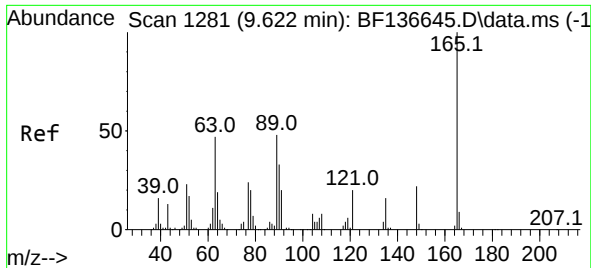
Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Tgt Ion:163 Resp: 613557

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.7	7.8	11.6





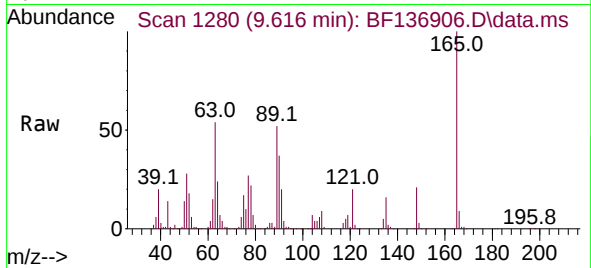
#51
2,6-Dinitrotoluene
Concen: 45.383 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS

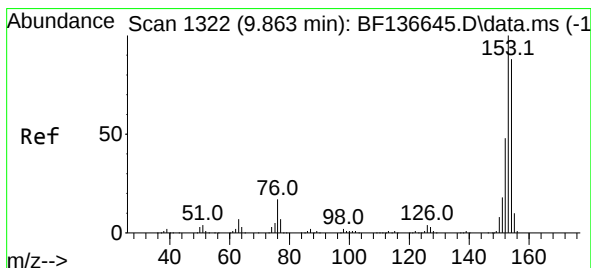
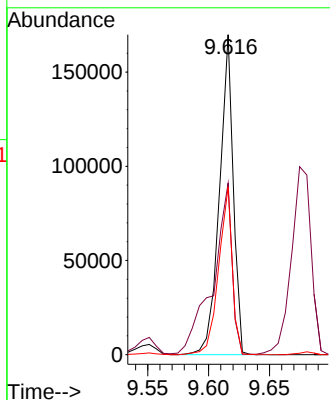
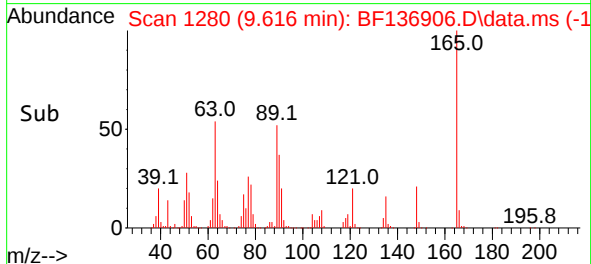


Tgt Ion:165 Resp: 134540
Ion Ratio Lower Upper
165 100
63 53.6 39.8 59.6
89 52.4 38.8 58.2

Manual Integrations

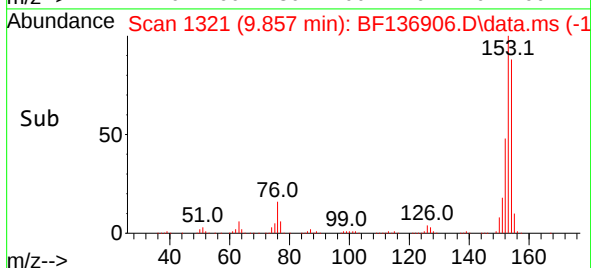
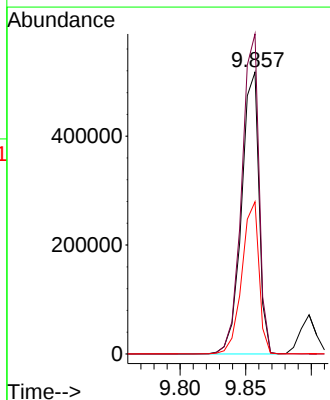
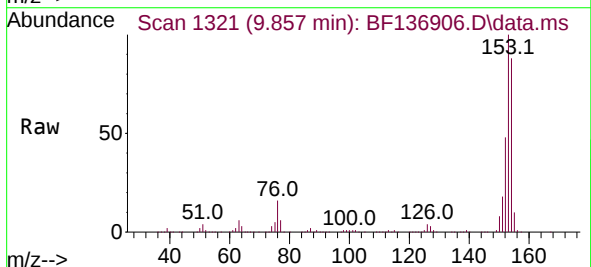
APPROVED

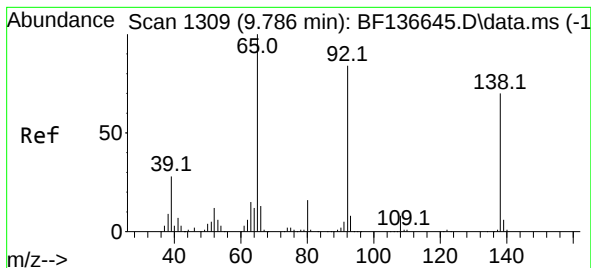
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#52
Acenaphthene
Concen: 44.521 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion:154 Resp: 481241
Ion Ratio Lower Upper
154 100
153 113.5 90.7 136.1
152 54.0 43.7 65.5





#53

3-Nitroaniline

Concen: 26.198 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS

Tgt Ion:138 Resp: 82272

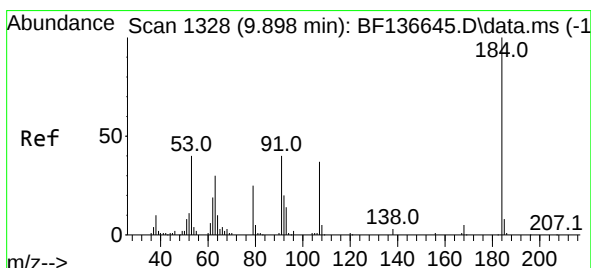
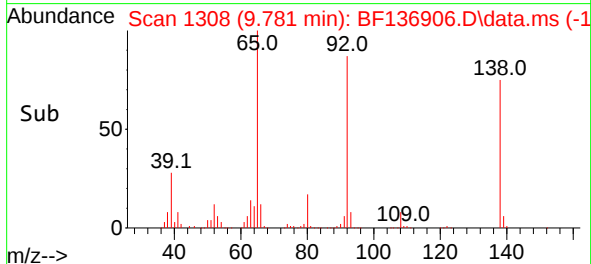
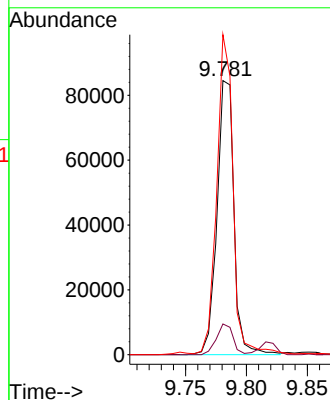
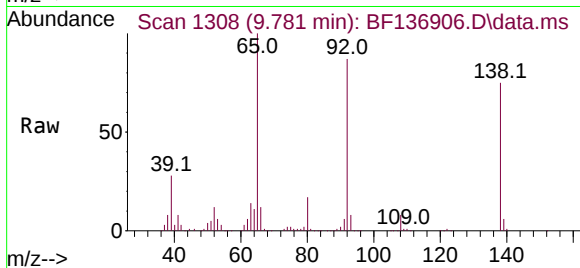
Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.6	12.8
92	116.8	95.2	142.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#54

2,4-Dinitrophenol

Concen: 70.076 ng

RT: 9.898 min Scan# 1328

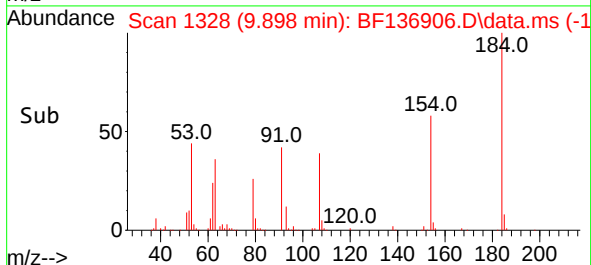
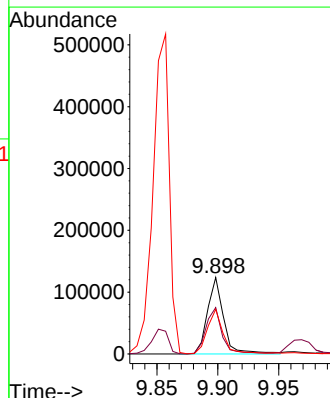
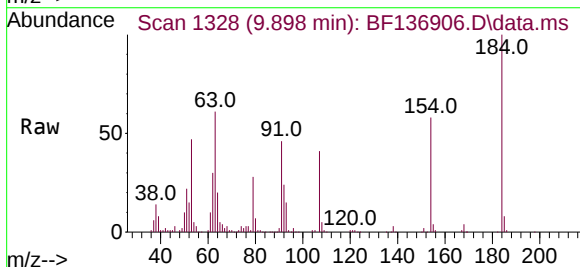
Delta R.T. 0.000 min

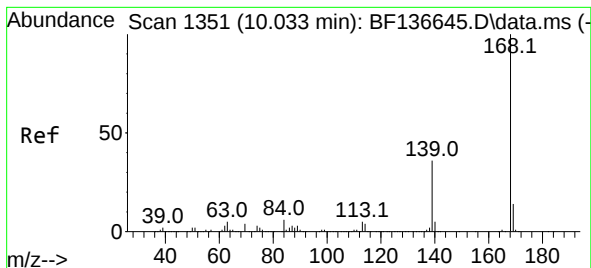
Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Tgt Ion:184 Resp: 114338

Ion	Ratio	Lower	Upper
184	100		
63	60.7	40.9	61.3
154	58.2	42.7	64.1





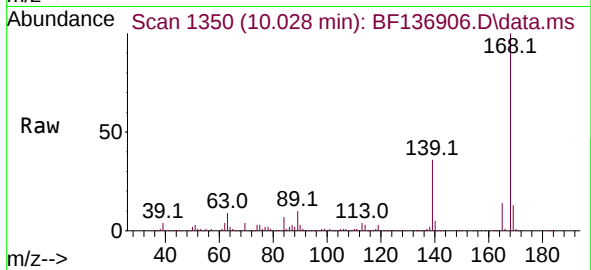
#55
Dibenzenofuran
Concen: 44.169 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS



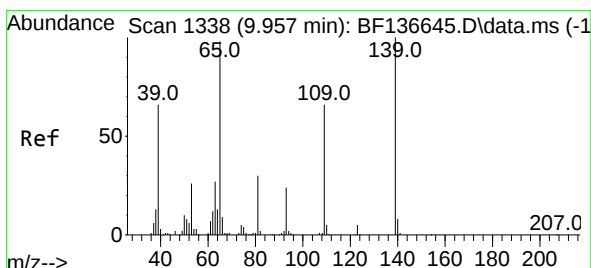
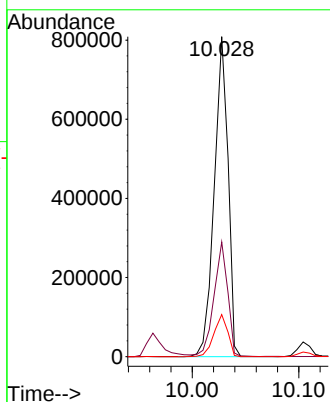
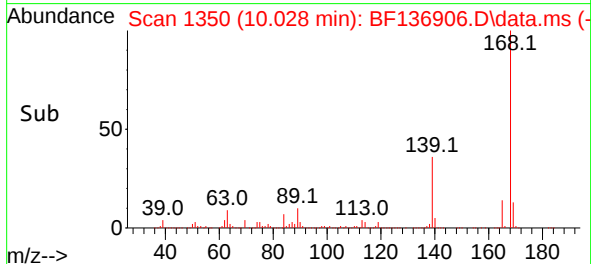
Tgt Ion:168 Resp: 72373
Ion Ratio Lower Upper
168 100
139 35.9 29.3 43.9
169 13.1 11.0 16.4

Manual Integrations

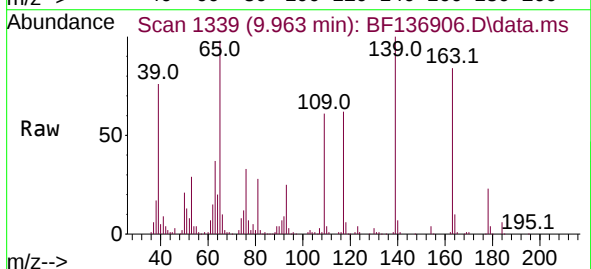
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

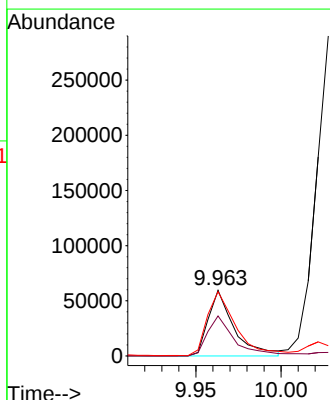
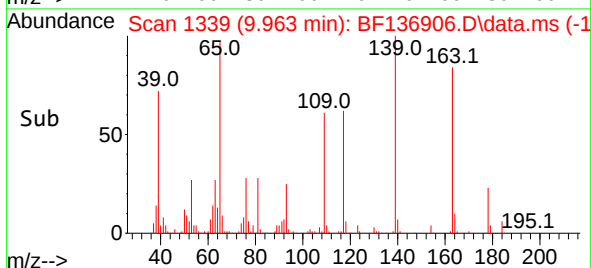
Supervised By :mohammad ahmed 01/04/2024



#56
4-Nitrophenol
Concen: 29.559 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



Tgt Ion:139 Resp: 62664
Ion Ratio Lower Upper
139 100
109 60.9 45.8 85.8
65 98.0 77.8 117.8





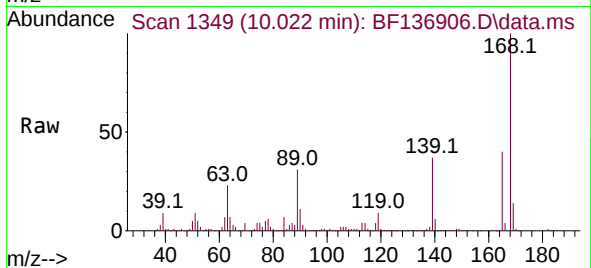
#57
2,4-Dinitrotoluene
Concen: 43.448 ng
RT: 10.022 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS



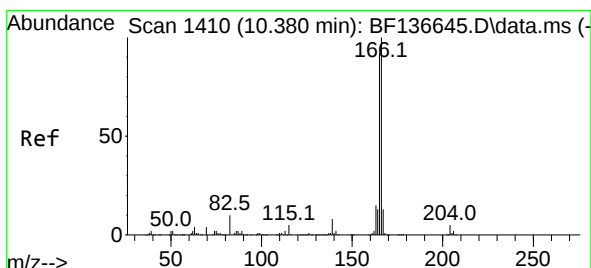
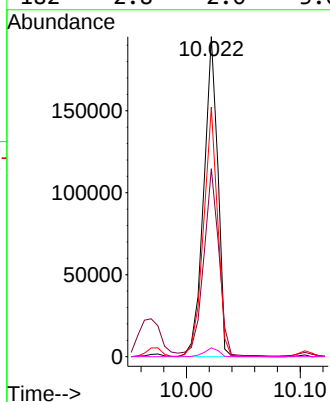
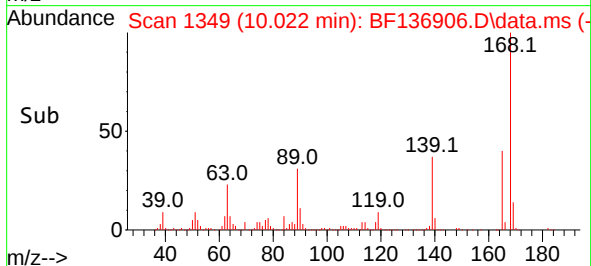
Tgt Ion:165 Resp: 16721
Ion Ratio Lower Upper
165 100
63 58.8 41.0 61.6
89 78.0 59.9 89.9
182 2.8 2.0 3.0

Manual Integrations

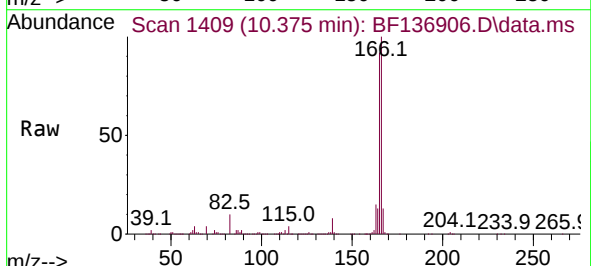
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

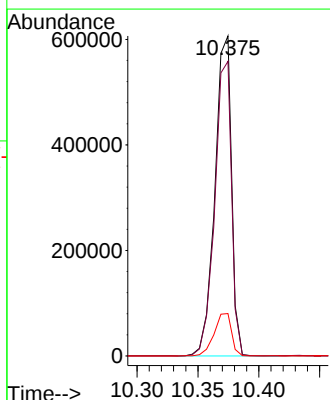
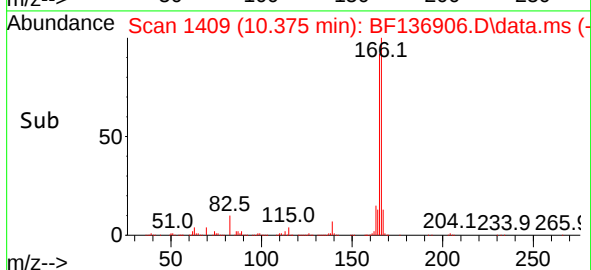
Supervised By :mohammad ahmed 01/04/2024

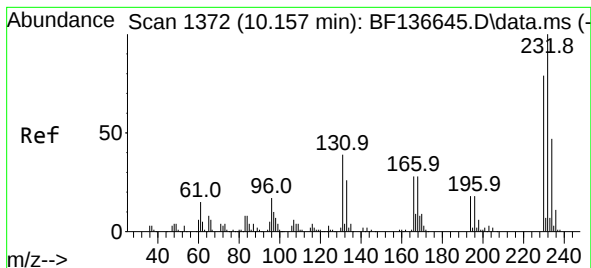


#58
Fluorene
Concen: 44.495 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



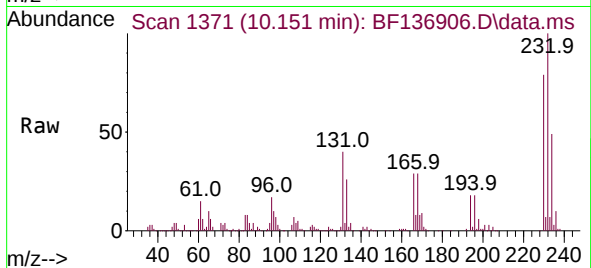
Tgt Ion:166 Resp: 578498
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.021 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

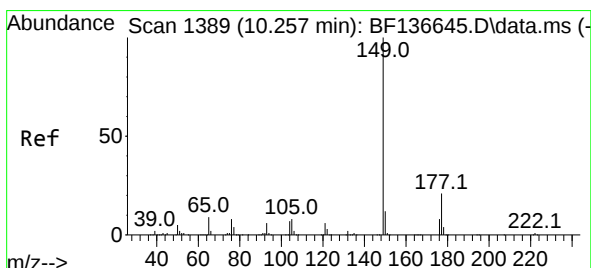
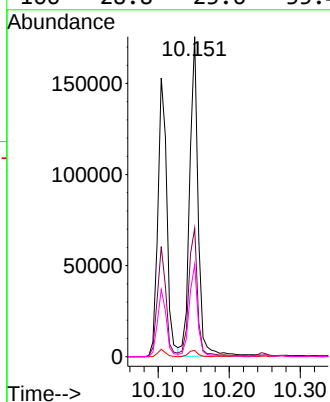
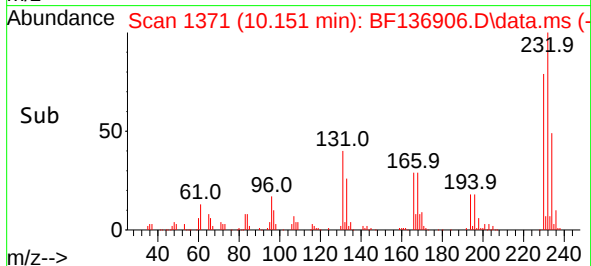
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS



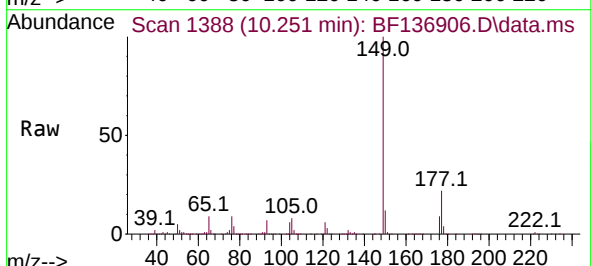
Tgt Ion:232 Resp: 146314
Ion Ratio Lower Upper
232 100
131 41.6 35.1 52.7
130 2.2 1.6 2.4
166 28.8 23.6 35.4

Manual Integrations
APPROVED

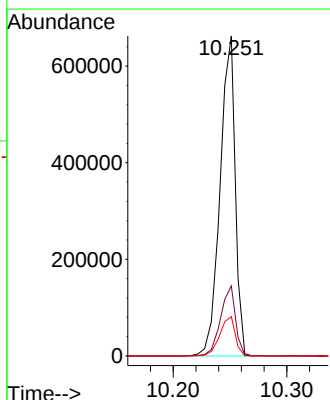
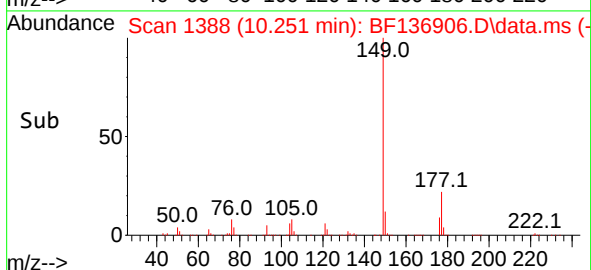
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

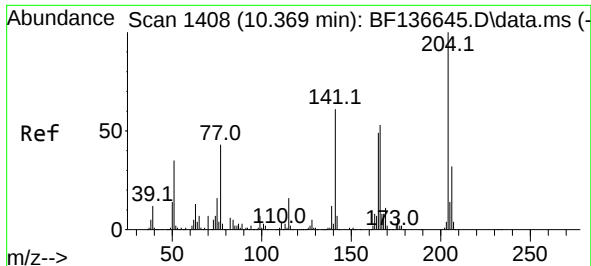


#60
Diethylphthalate
Concen: 45.382 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



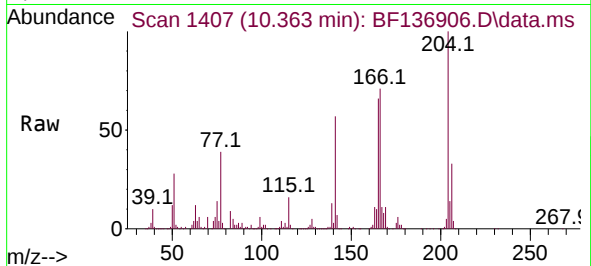
Tgt Ion:149 Resp: 615066
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.3 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 43.977 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

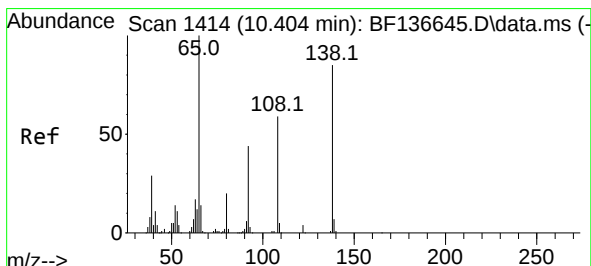
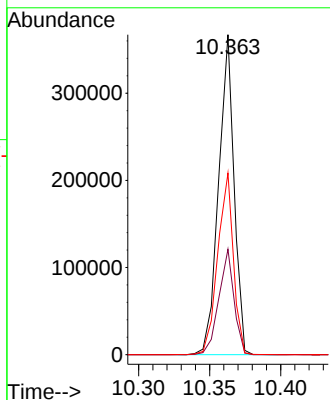
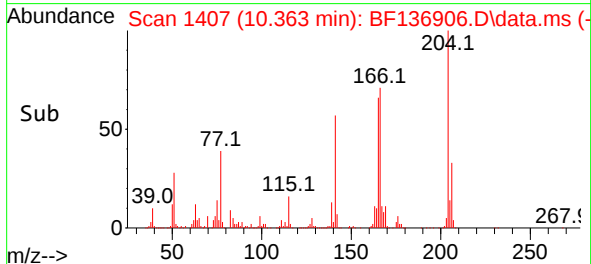
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS



Tgt Ion:204 Resp: 277915
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 56.7 48.4 72.6

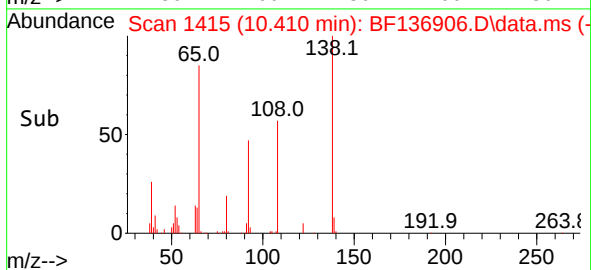
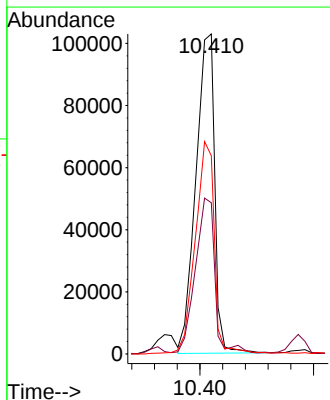
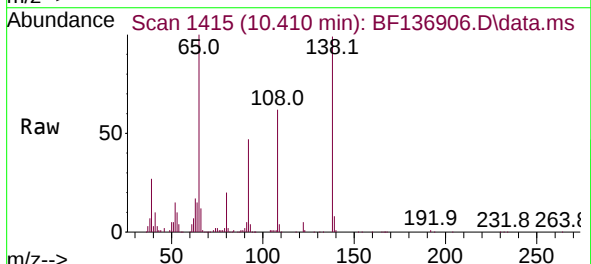
Manual Integrations
APPROVED

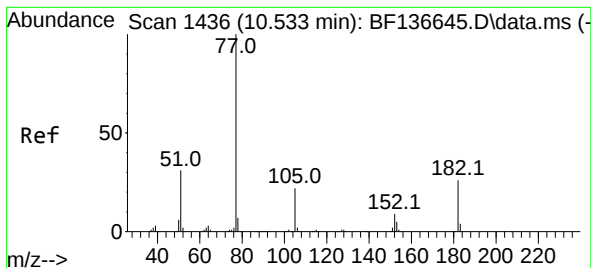
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#62
4-Nitroaniline
Concen: 39.156 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion:138 Resp: 118541
Ion Ratio Lower Upper
138 100
92 47.3 32.1 72.1
108 61.9 50.1 90.1





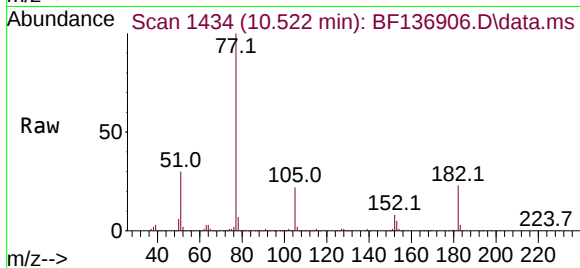
#63
Azobenzene
Concen: 44.682 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS

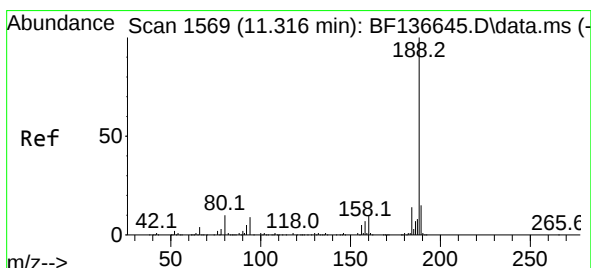
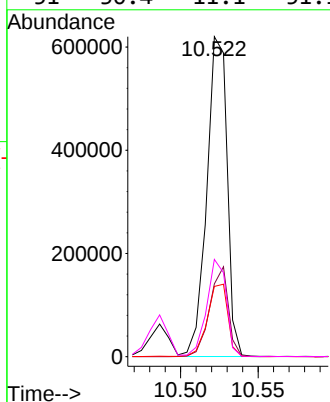
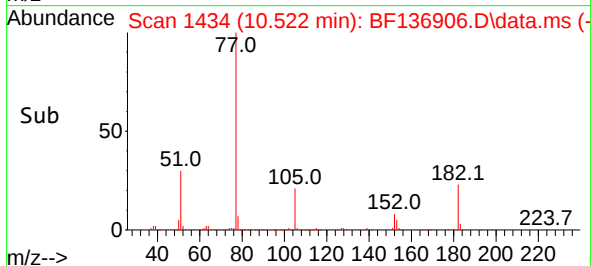


Tgt Ion: 77 Resp: 565620
Ion Ratio Lower Upper
77 100
182 22.8 6.0 46.0
105 21.9 2.3 42.3
51 30.4 11.1 51.1

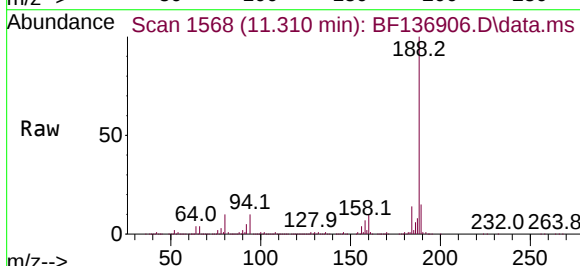
Manual Integrations

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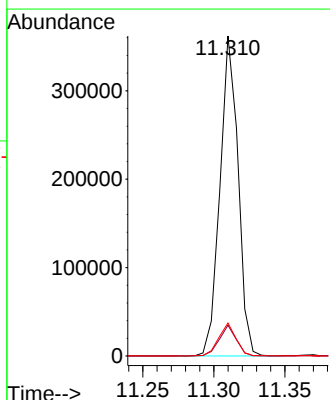
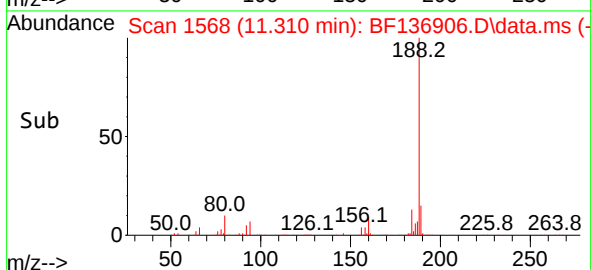
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

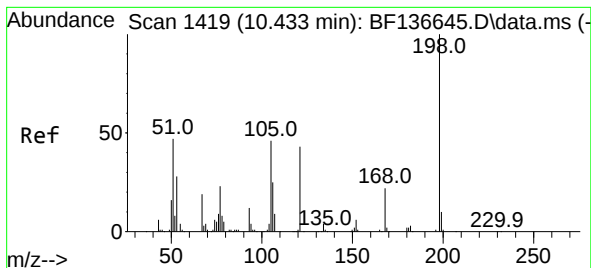


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



Tgt Ion:188 Resp: 320514
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.3 8.1 12.1





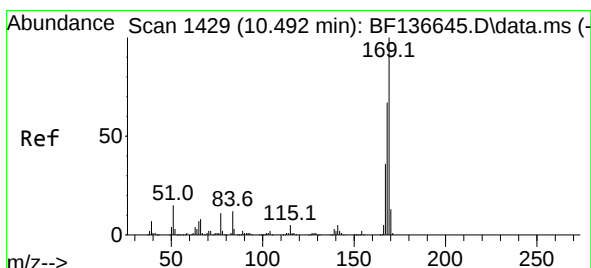
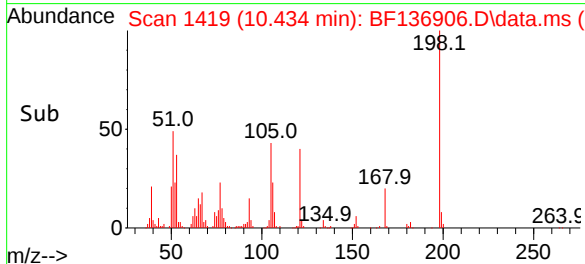
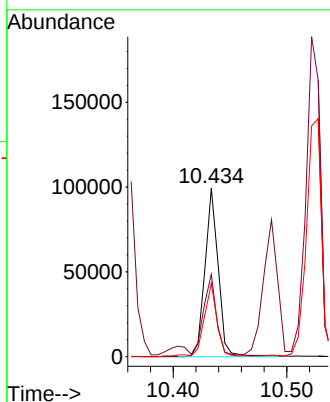
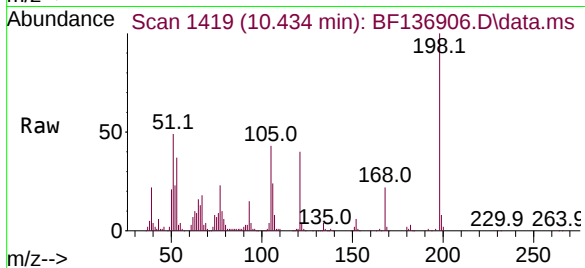
#65
4,6-Dinitro-2-methylphenol
Concen: 43.821 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS

Tgt Ion:198 Resp: 80494
Ion Ratio Lower Upper
198 100
51 48.9 34.1 74.1
105 43.5 27.3 67.3

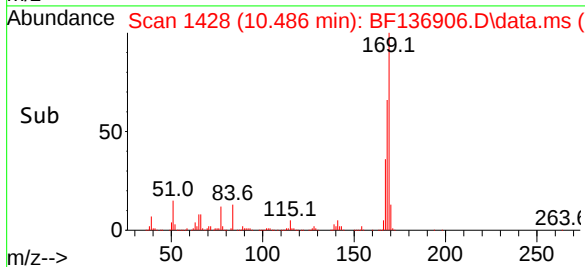
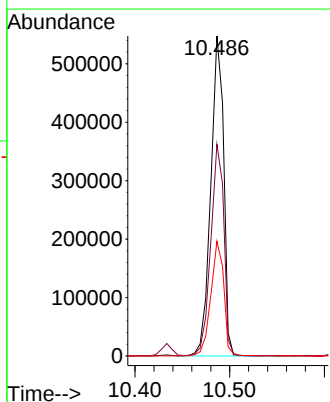
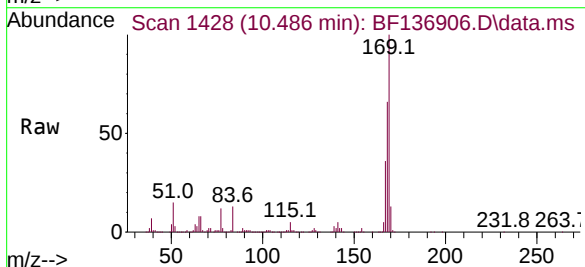
Manual Integrations
APPROVED

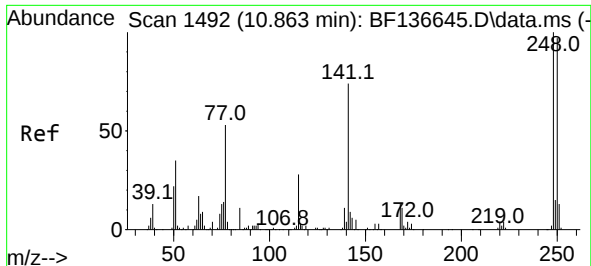
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#66
n-Nitrosodiphenylamine
Concen: 49.551 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

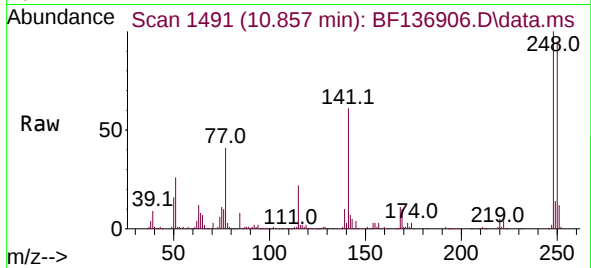
Tgt Ion:169 Resp: 515914
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.6
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 48.092 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

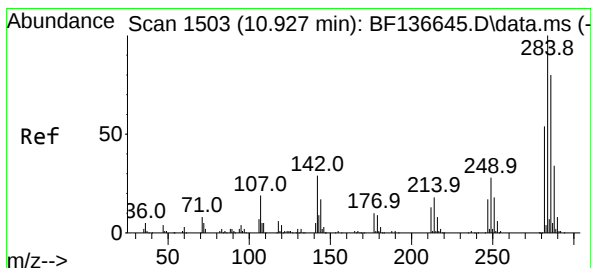
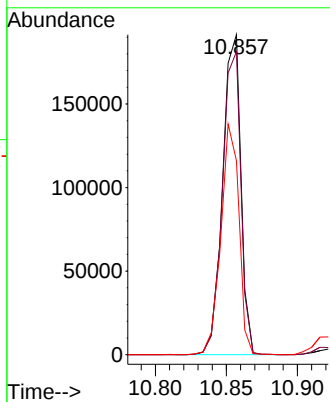
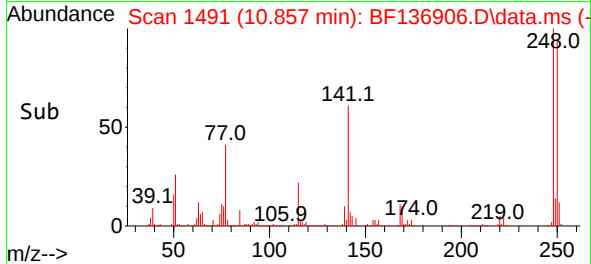
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS



Tgt Ion:248 Resp: 171184
Ion Ratio Lower Upper
248 100
250 94.7 77.8 116.6
141 60.6 59.2 88.8

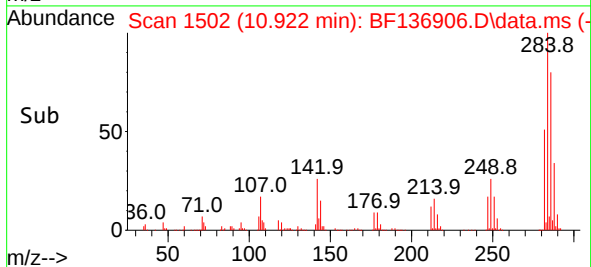
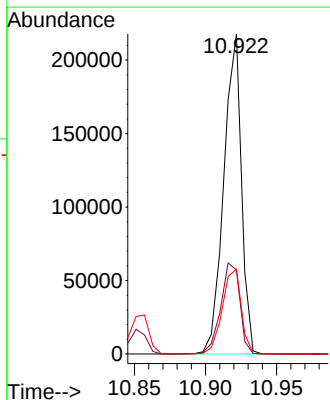
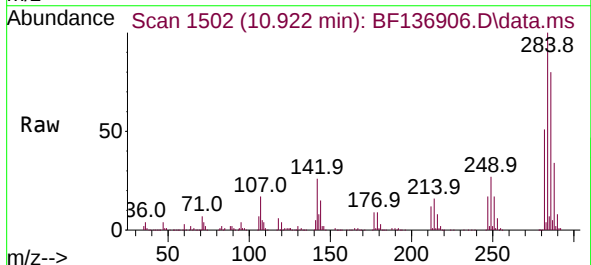
Manual Integrations
APPROVED

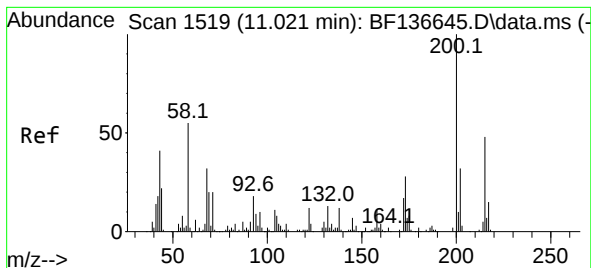
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#68
Hexachlorobenzene
Concen: 47.382 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion:284 Resp: 187953
Ion Ratio Lower Upper
284 100
142 26.2 23.4 35.0
249 26.5 22.3 33.5





#69

Atrazine

Concen: 58.781 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

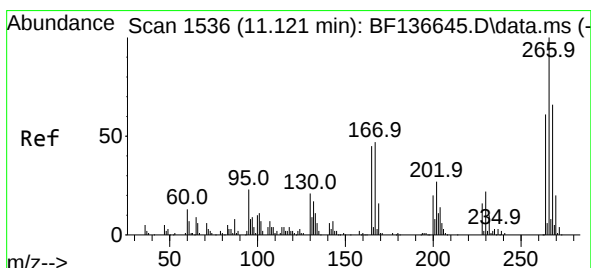
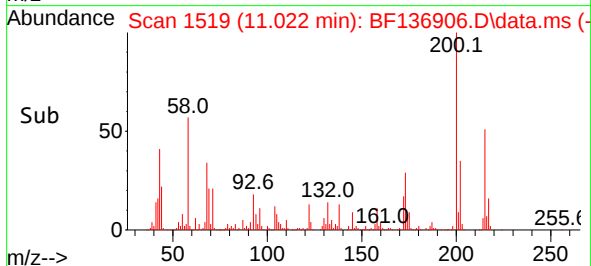
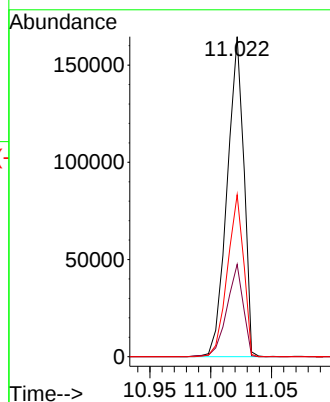
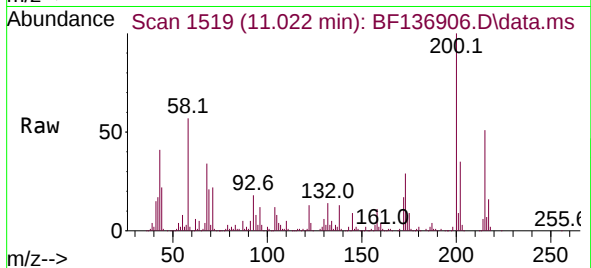
MW-7-122023MS

Tgt Ion:200 Resp: 156534
 Ion Ratio Lower Upper
 200 100
 173 28.8 7.6 47.6
 215 50.6 28.3 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024



#70

Pentachlorophenol

Concen: 96.917 ng

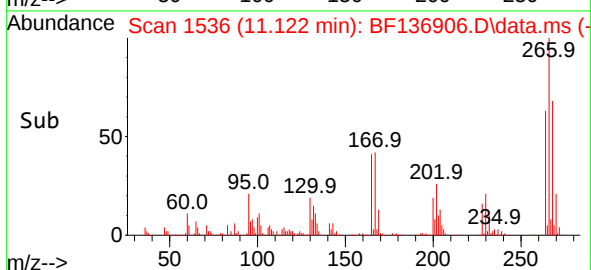
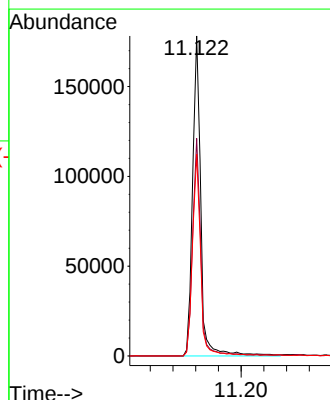
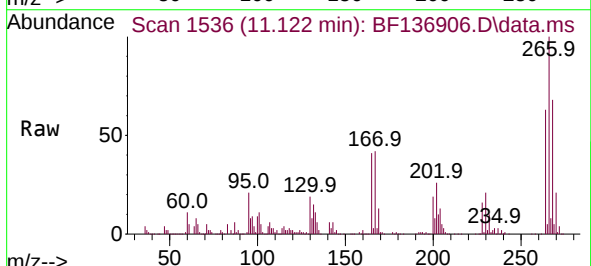
RT: 11.122 min Scan# 1536

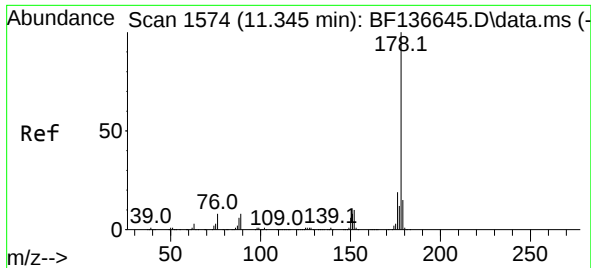
Delta R.T. 0.000 min

Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Tgt Ion:266 Resp: 179196
 Ion Ratio Lower Upper
 266 100
 268 68.0 52.6 78.8
 264 63.0 49.0 73.4





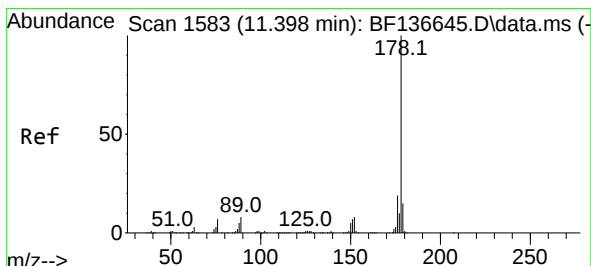
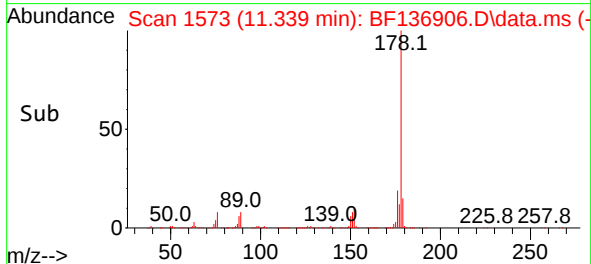
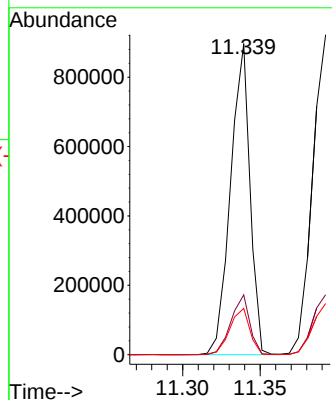
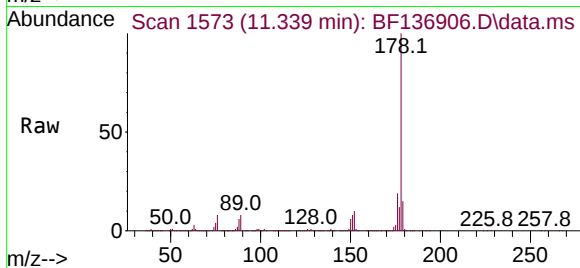
#71
Phenanthrene
Concen: 47.557 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS

Tgt Ion:178 Resp: 78212
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 14.9 11.9 17.9

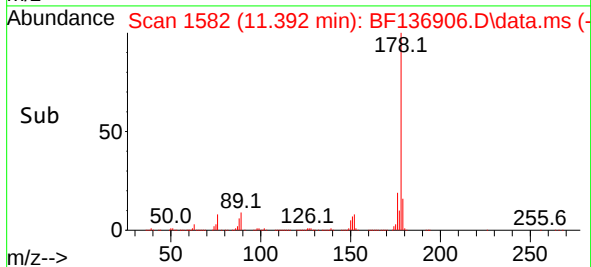
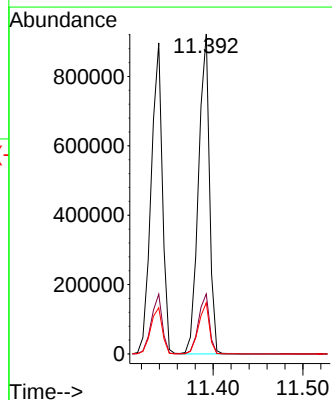
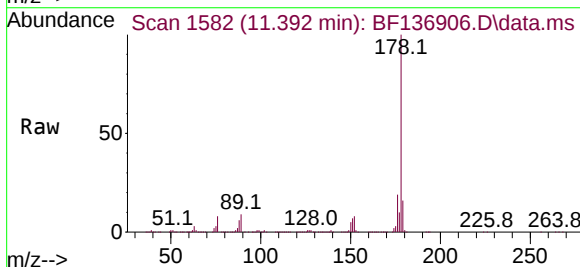
Manual Integrations
APPROVED

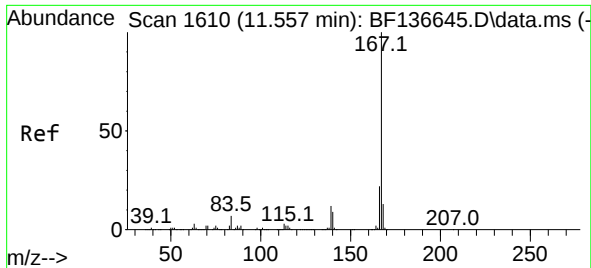
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#72
Anthracene
Concen: 46.970 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

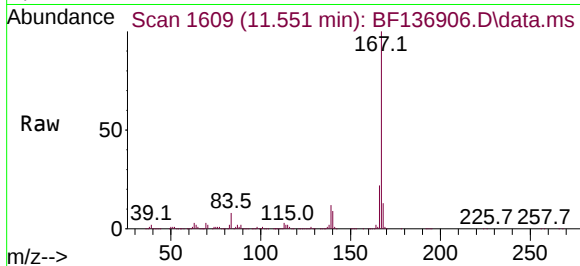
Tgt Ion:178 Resp: 782292
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 16.0 11.8 17.6





#73
Carbazole
Concen: 44.216 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

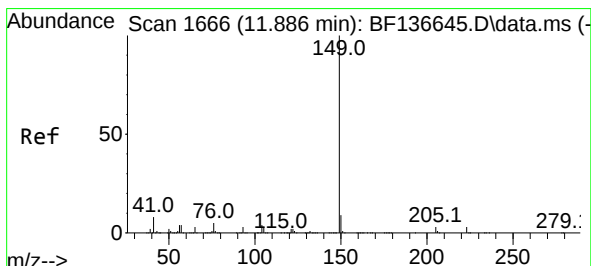
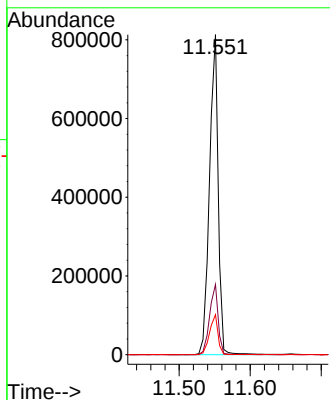
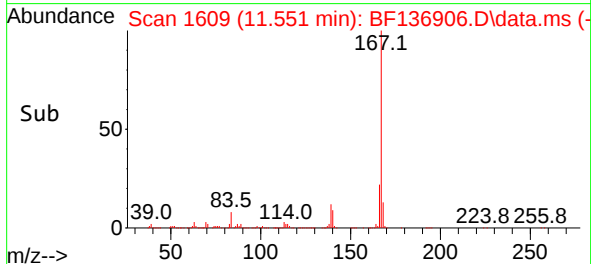
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS



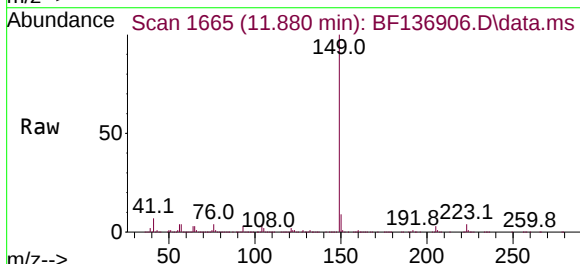
Tgt Ion:167 Resp: 69432
Ion Ratio Lower Upper
167 100
166 21.9 17.3 25.9
139 12.5 9.8 14.6

Manual Integrations
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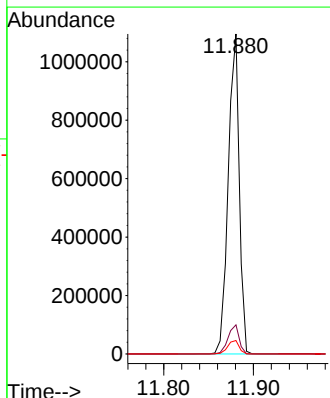
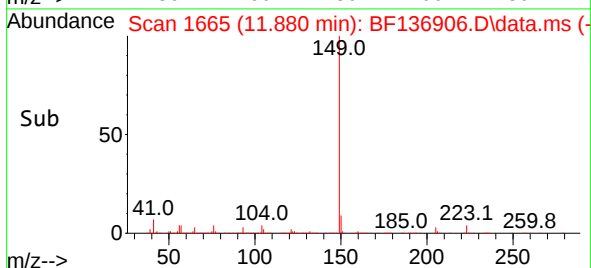
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

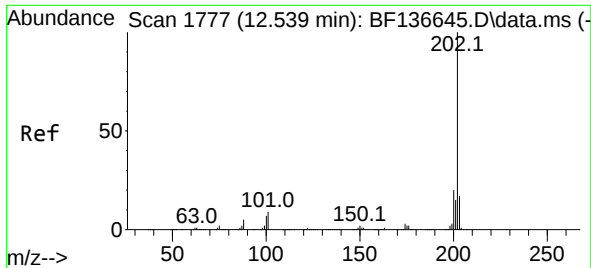


#74
Di-n-butylphthalate
Concen: 48.660 ng
RT: 11.880 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



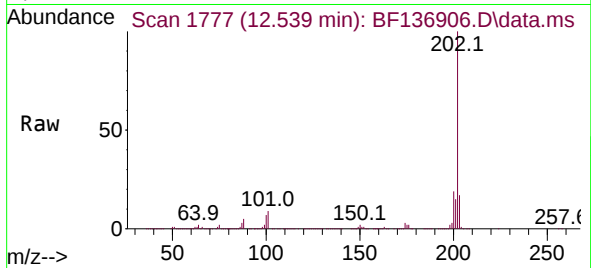
Tgt Ion:149 Resp: 932378
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.2 3.6 5.4





#75
Fluoranthene
Concen: 41.800 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

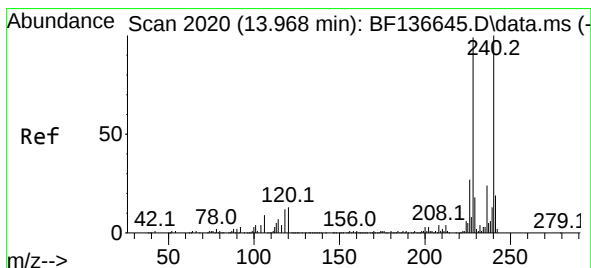
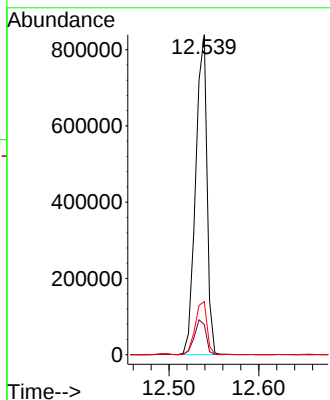
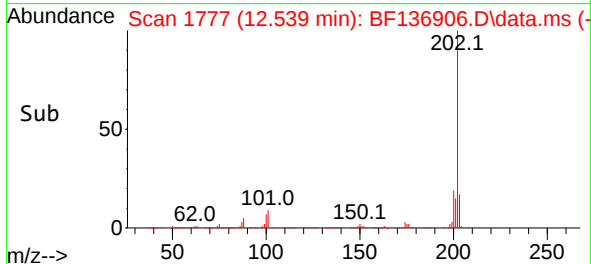
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS



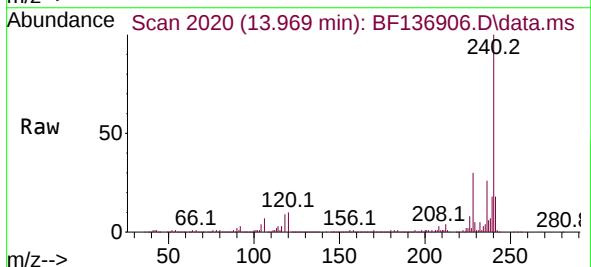
Tgt Ion:202 Resp: 73532
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.3
203 16.6 0.0 37.1

Manual Integrations
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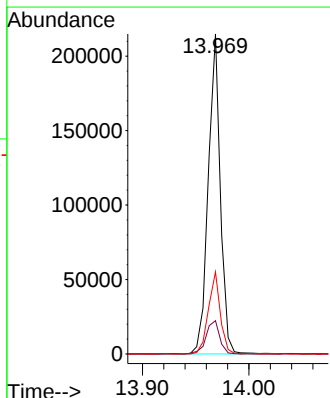
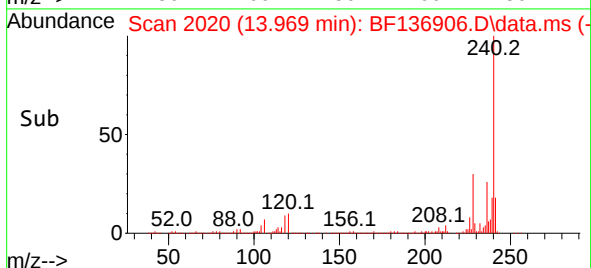
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

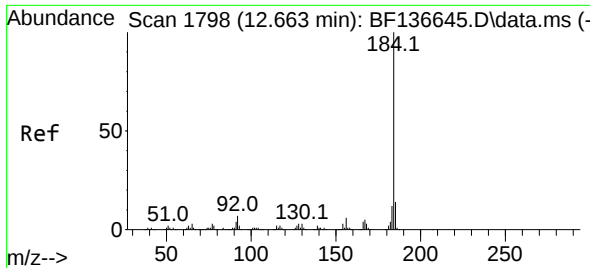


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



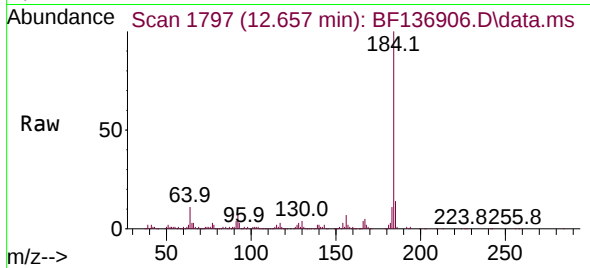
Tgt Ion:240 Resp: 169620
Ion Ratio Lower Upper
240 100
120 10.4 10.3 15.5
236 25.7 19.4 29.2





#77
Benzidine
Concen: 30.028 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

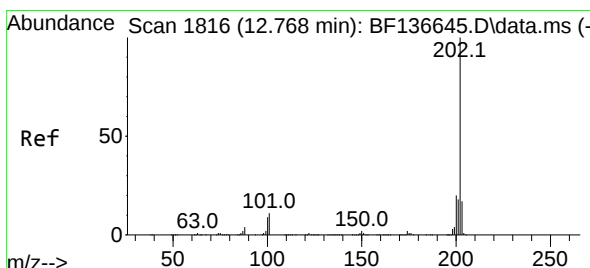
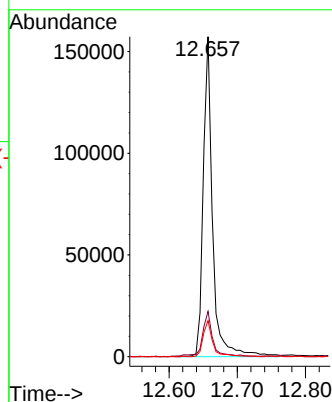
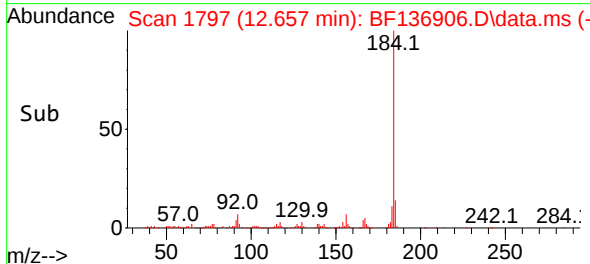
Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS



Tgt Ion:184 Resp: 15018
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 11.3 9.3 13.9

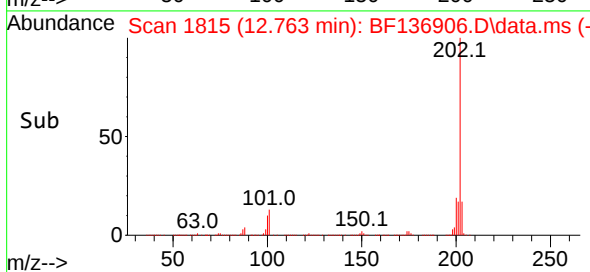
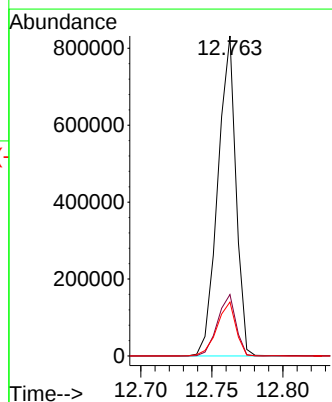
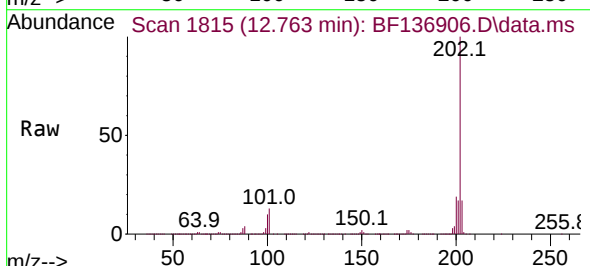
Manual Integrations
APPROVED

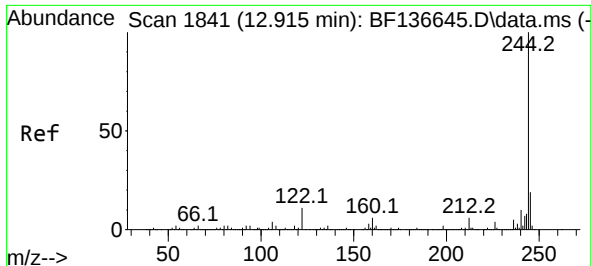
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#78
Pyrene
Concen: 44.268 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion:202 Resp: 737102
Ion Ratio Lower Upper
202 100
200 19.2 15.9 23.9
203 16.8 13.8 20.6





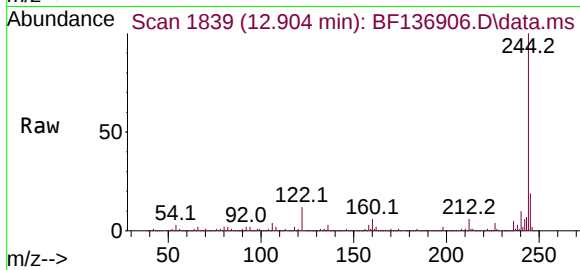
#79
Terphenyl-d14
Concen: 83.811 ng
RT: 12.904 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS



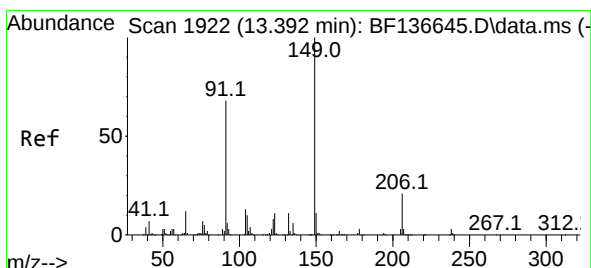
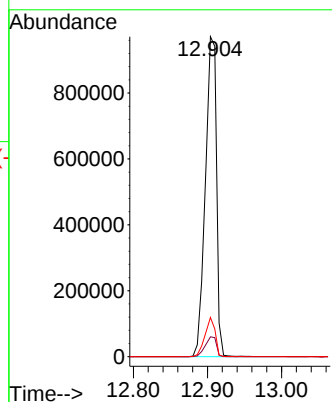
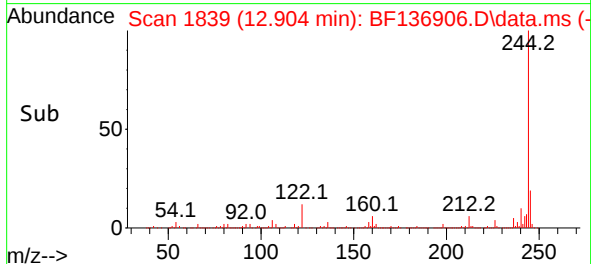
Tgt Ion:244 Resp: 101726
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 12.3 9.0 13.4

Manual Integrations

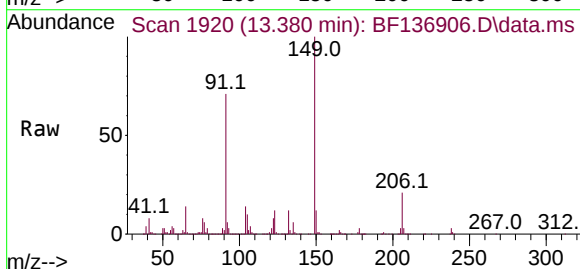
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

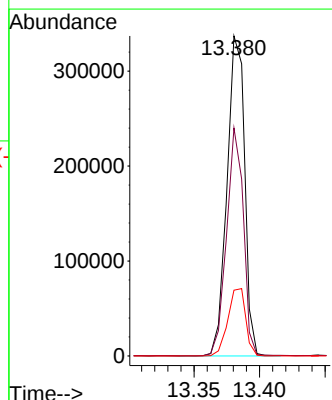
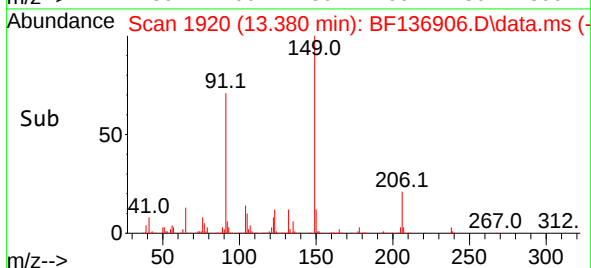
Supervised By :mohammad ahmed 01/04/2024

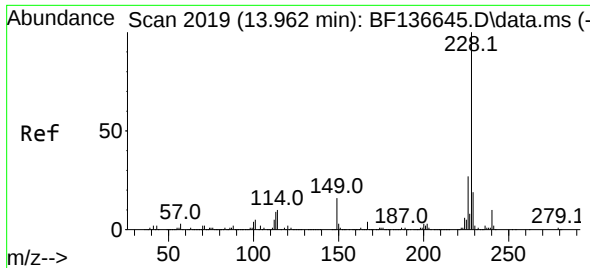


#80
Butylbenzylphthalate
Concen: 52.050 ng
RT: 13.380 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



Tgt Ion:149 Resp: 315361
Ion Ratio Lower Upper
149 100
91 71.2 54.1 81.1
206 20.6 17.1 25.7





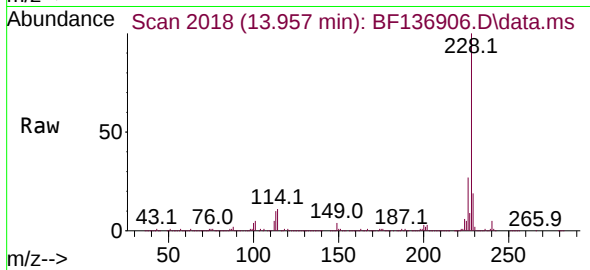
#81
Benzo(a)anthracene
Concen: 47.796 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS

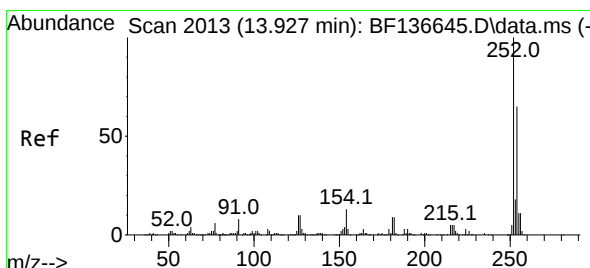
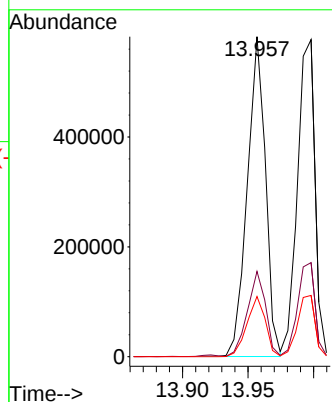
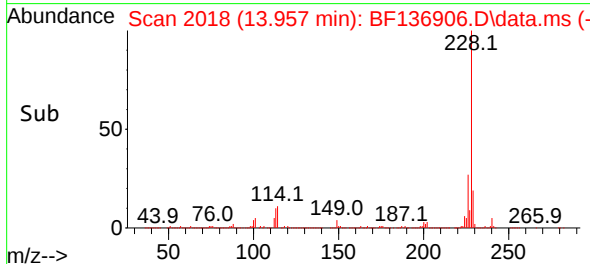


Tgt Ion:228 Resp: 56295
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 18.8 14.9 22.3

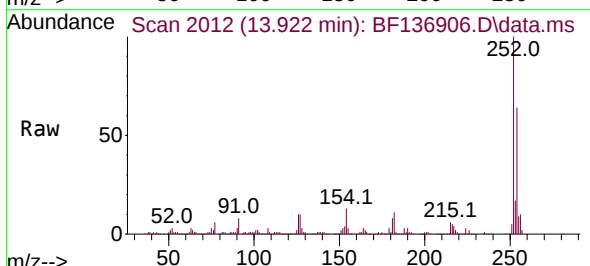
Manual Integrations

APPROVED

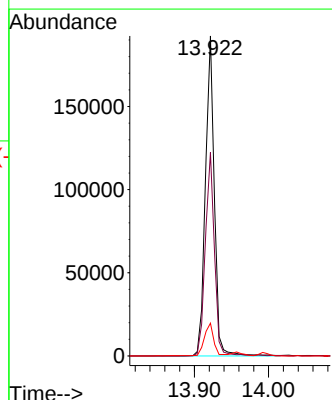
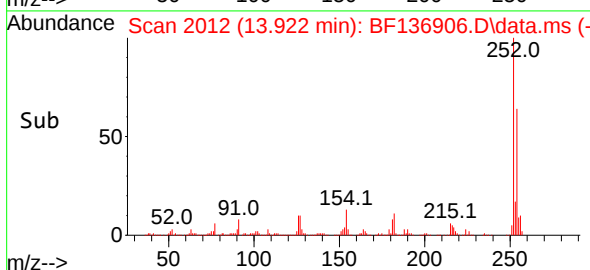
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

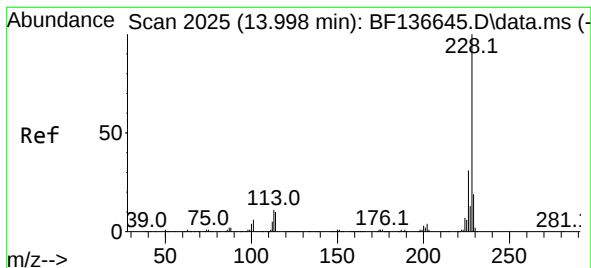


#82
3,3'-Dichlorobenzidine
Concen: 48.335 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



Tgt Ion:252 Resp: 161677
Ion Ratio Lower Upper
252 100
254 63.6 52.2 78.4
126 10.3 8.0 12.0





#83

Chrysene

Concen: 46.662 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136906.D

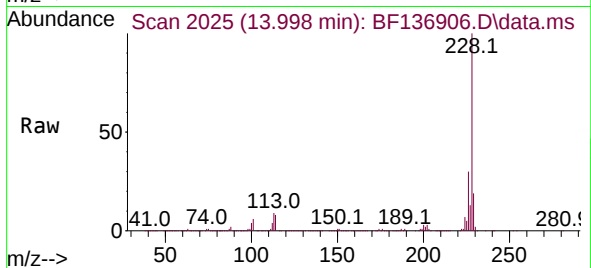
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS



Tgt Ion:228 Resp: 53745

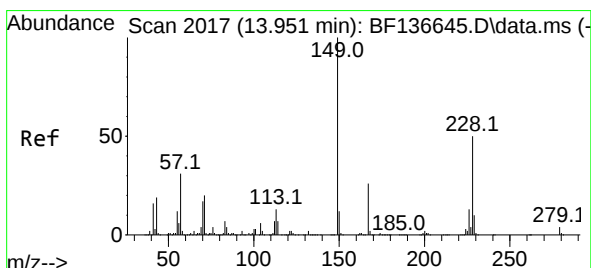
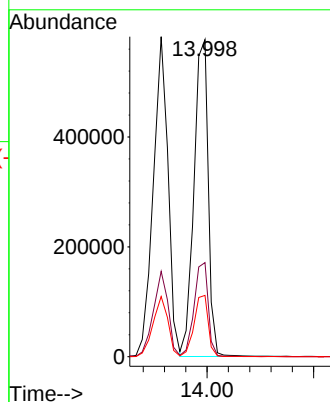
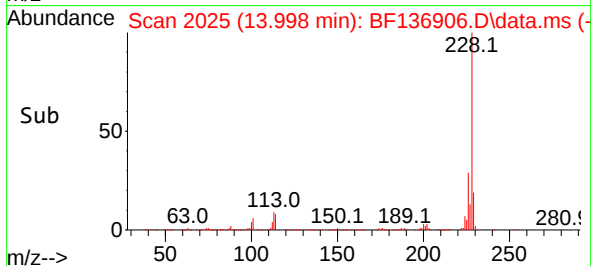
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	19.3	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.848 ng

RT: 13.945 min Scan# 2016

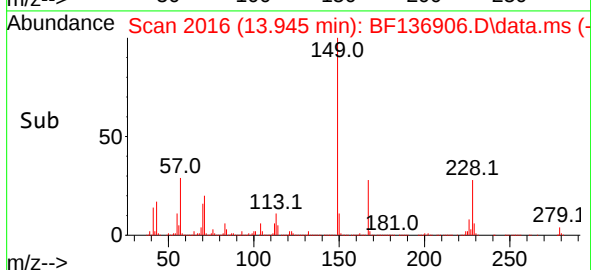
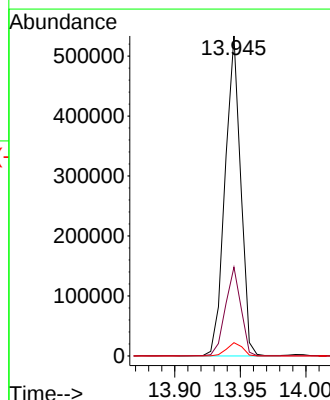
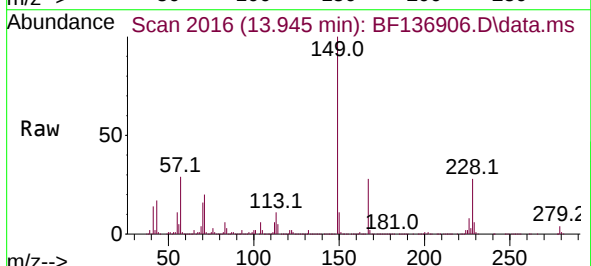
Delta R.T. -0.006 min

Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Tgt Ion:149 Resp: 440984

Ion	Ratio	Lower	Upper
149	100		
167	27.7	20.9	31.3
279	4.2	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 62.350 ng

RT: 14.563 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS

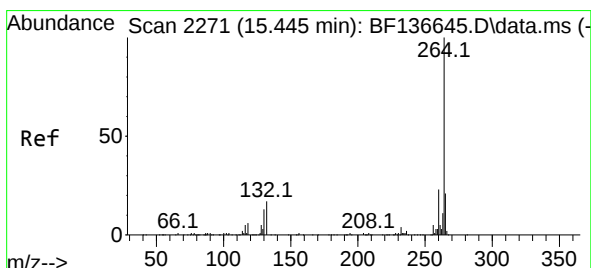
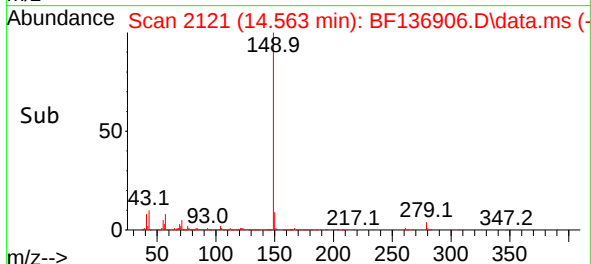
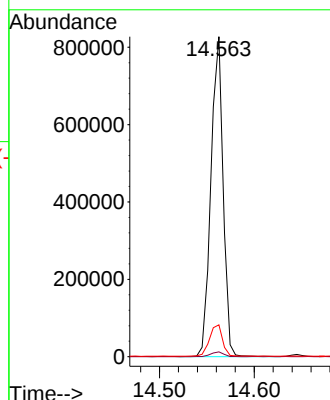
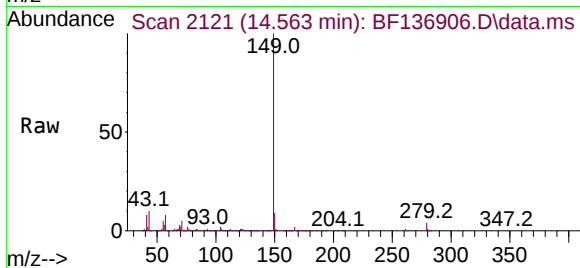
Tgt Ion:149 Resp: 735220
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.6 8.9 13.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#86

Perylene-d12

Concen: 20.000 ng

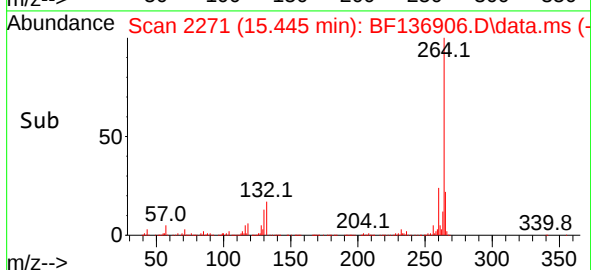
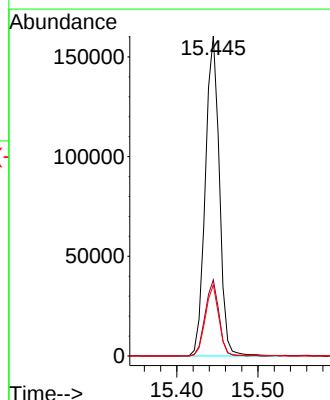
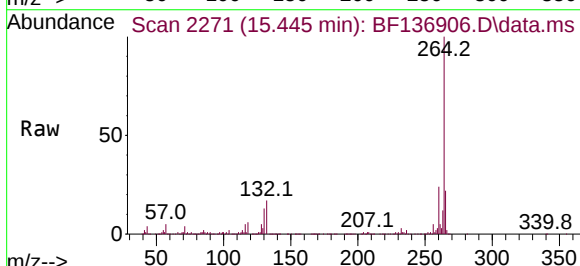
RT: 15.445 min Scan# 2271

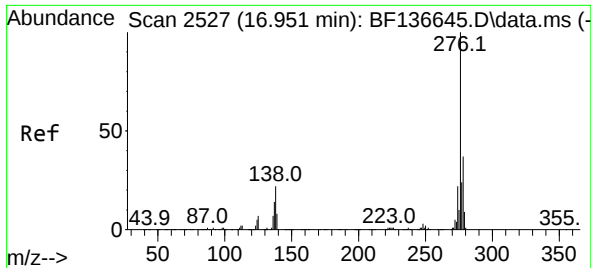
Delta R.T. 0.000 min

Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Tgt Ion:264 Resp: 192099
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 22.2 17.0 25.6





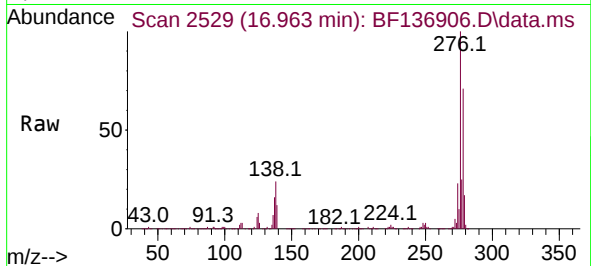
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.200 ng
RT: 16.963 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

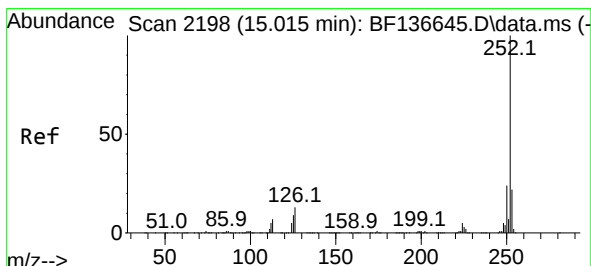
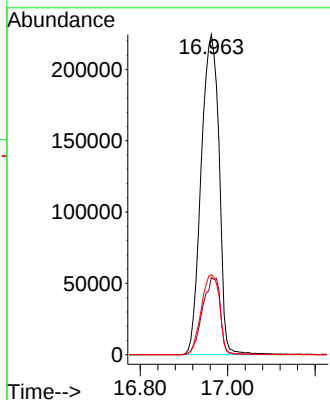
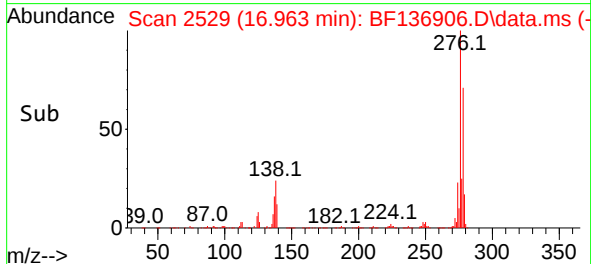
MW-7-122023MS



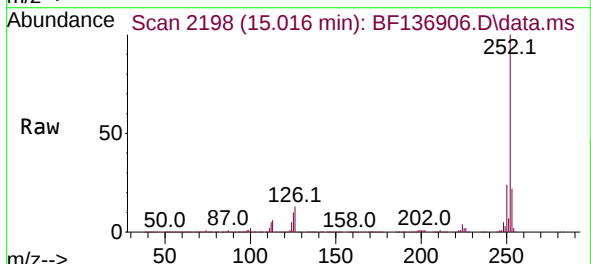
Tgt Ion:276 Resp: 640788
Ion Ratio Lower Upper
276 100
138 23.8 18.7 28.1
277 25.5 20.2 30.2

Manual Integrations
APPROVED

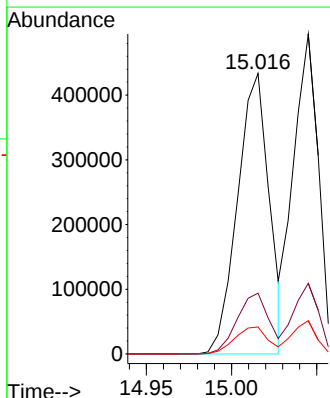
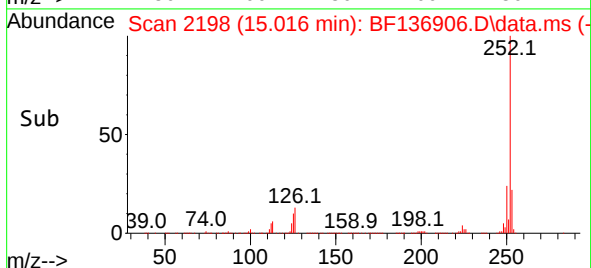
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

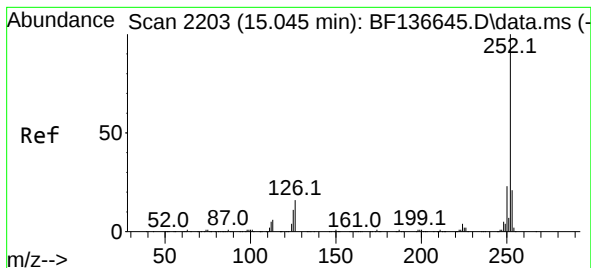


#88
Benzo(b)fluoranthene
Concen: 43.693 ng
RT: 15.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20



Tgt Ion:252 Resp: 560604
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 42.053 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

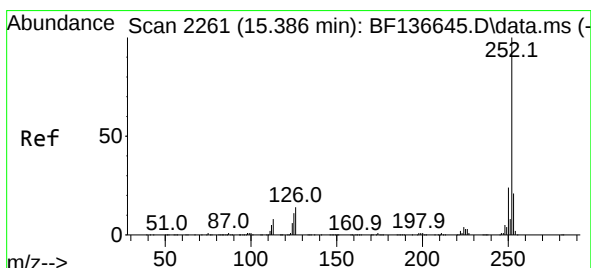
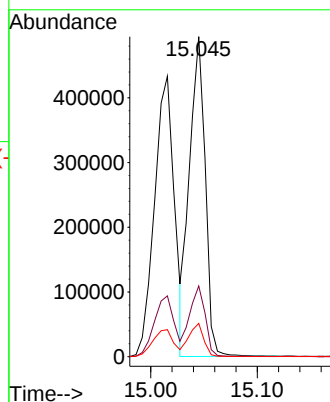
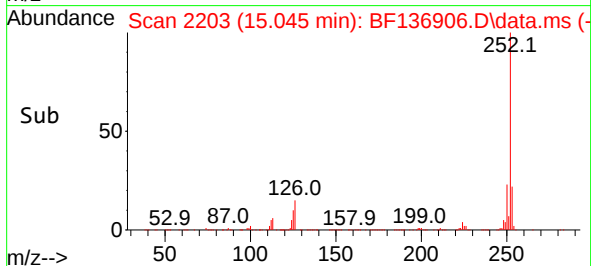
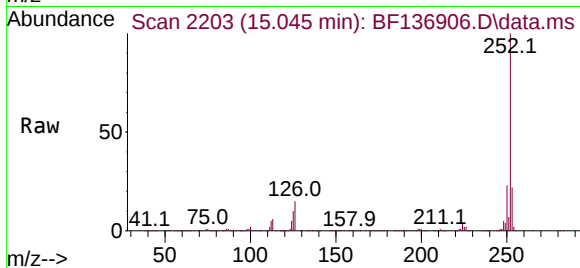
MW-7-122023MS

Tgt Ion:252 Resp: 509838
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.0 25.6
 125 10.4 8.2 12.4

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024



#90

Benzo(a)pyrene

Concen: 45.344 ng

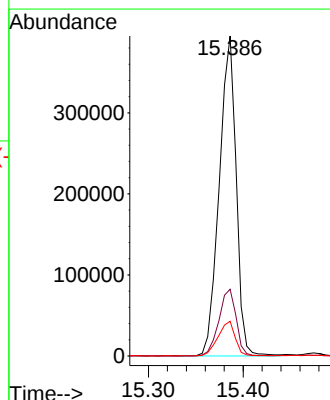
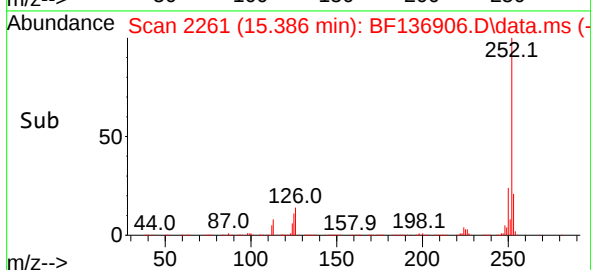
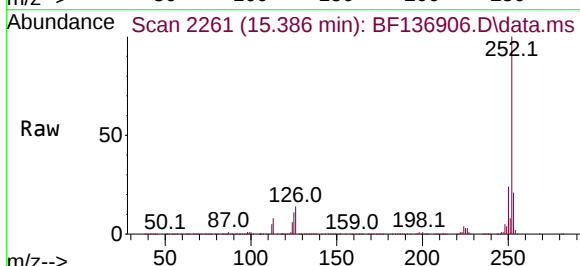
RT: 15.386 min Scan# 2261

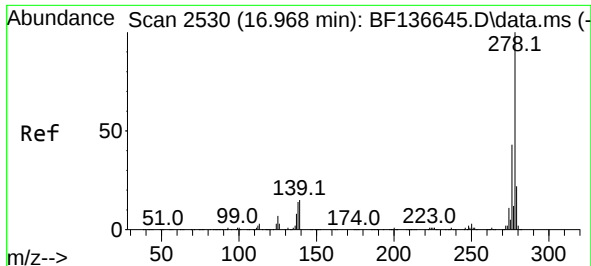
Delta R.T. 0.000 min

Lab File: BF136906.D

Acq: 03 Jan 2024 14:20

Tgt Ion:252 Resp: 491092
 Ion Ratio Lower Upper
 252 100
 253 20.8 17.0 25.6
 125 10.8 8.8 13.2





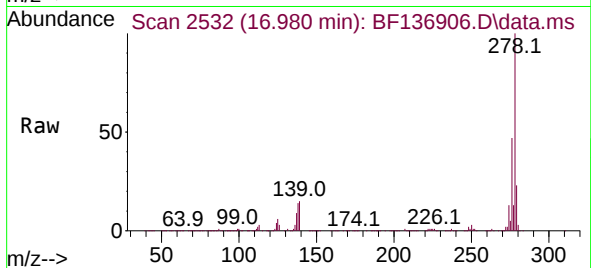
#91
Dibenzo(a,h)anthracene
Concen: 47.346 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.012 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Instrument :

BNA_F

ClientSampleId :

MW-7-122023MS

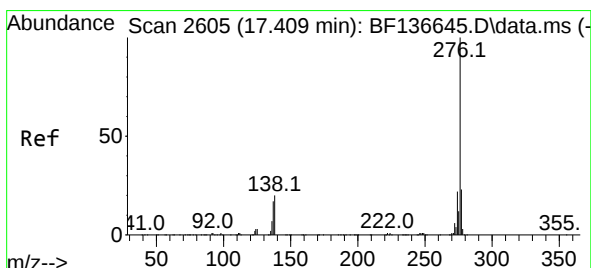
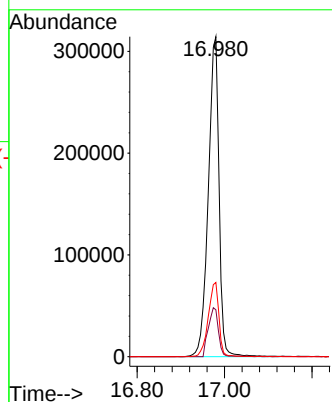
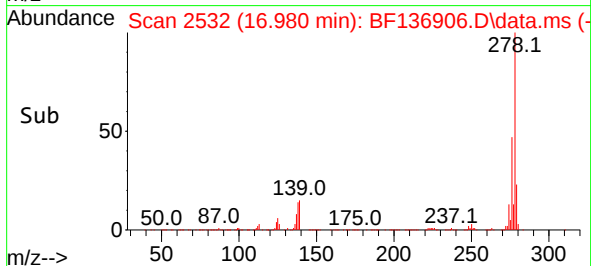


Tgt Ion:278 Resp: 538740
Ion Ratio Lower Upper
278 100
139 14.6 12.2 18.4
279 23.2 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#92
Benzo(g,h,i)perylene
Concen: 43.968 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF136906.D
Acq: 03 Jan 2024 14:20

Tgt Ion:276 Resp: 512420
Ion Ratio Lower Upper
276 100
277 22.6 18.3 27.5
138 20.0 15.6 23.4

