

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138250.D
 Acq On : 19 Jun 2024 17:28
 Operator : CG\JU
 Sample : P2930-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024

Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 17:59:01 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 13 01:52:47 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	331887	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1235963	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	583708	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	844336	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	543635	20.000	ng	0.00
86) Perylene-d12	15.515	264	502170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1932805	97.420	ng	0.00
7) Phenol-d6	6.522	99	2399638	95.384	ng	0.00
23) Nitrobenzene-d5	7.451	82	1474376	69.446	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	533497	91.809	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2480941	67.586	ng	0.00
79) Terphenyl-d14	12.992	244	2121106	61.796	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	337643	37.188	ng	99
3) Pyridine	3.534	79	852883m	39.524	ng	
4) n-Nitrosodimethylamine	3.469	42	445053	44.564	ng	92
6) Aniline	6.545	93	578714	23.509	ng	98
8) 2-Chlorophenol	6.669	128	982383	45.800	ng	95
9) Benzaldehyde	6.434	77	276097	20.663	ng	100
10) Phenol	6.534	94	1135276m	44.467	ng	
11) bis(2-Chloroethyl)ether	6.622	93	919098	44.980	ng	98
12) 1,3-Dichlorobenzene	6.828	146	1007676	41.338	ng	99
13) 1,4-Dichlorobenzene	6.904	146	1025212	41.792	ng	99
14) 1,2-Dichlorobenzene	7.057	146	978496	42.490	ng	99
15) Benzyl Alcohol	7.028	79	798573	47.078	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1222248	42.383	ng	97
17) 2-Methylphenol	7.139	107	748230	44.213	ng	98
18) Hexachloroethane	7.398	117	360263	43.349	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	640924	42.979	ng	99
20) 3+4-Methylphenols	7.292	107	881105	41.365	ng	95
22) Acetophenone	7.298	105	1114494	39.473	ng	96
24) Nitrobenzene	7.469	77	961101	43.801	ng	97
25) Isophorone	7.710	82	1740900	45.334	ng	100
26) 2-Nitrophenol	7.786	139	512269	58.058	ng	100
27) 2,4-Dimethylphenol	7.822	122	652484	48.607	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1092775	45.459	ng	100
29) 2,4-Dichlorophenol	8.028	162	762503	44.120	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	863371	42.360	ng	99
31) Naphthalene	8.192	128	2562313	41.926	ng	100
32) Benzoic acid	7.945	122	554932	46.904	ng	98
33) 4-Chloroaniline	8.233	127	164020	7.181	ng	99
34) Hexachlorobutadiene	8.304	225	499576	41.910	ng	99
35) Caprolactam	8.616	113	225608m	43.240	ng	
36) 4-Chloro-3-methylphenol	8.722	107	749628	43.564	ng	97
37) 2-Methylnaphthalene	8.880	142	1651807	41.182	ng	99
38) 1-Methylnaphthalene	8.980	142	1529492	38.913	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	742283	43.518	ng	99
41) Hexachlorocyclopentadiene	9.033	237	510331	91.757	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	526510	49.298	ng	98

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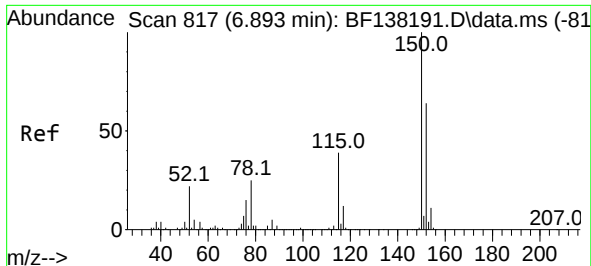
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	535706	45.674	ng	98
46) 1,1'-Biphenyl	9.345	154	1836089	42.868	ng	99
47) 2-Chloronaphthalene	9.369	162	1502615	44.390	ng	99
48) 2-Nitroaniline	9.463	65	419344	51.440	ng	100
49) Acenaphthylene	9.786	152	2196117	46.267	ng	100
50) Dimethylphthalate	9.645	163	1800361	50.340	ng	100
51) 2,6-Dinitrotoluene	9.710	165	390865	50.377	ng	# 82
52) Acenaphthene	9.957	154	1462883	45.196	ng	100
53) 3-Nitroaniline	9.875	138	263279	31.764	ng	94
54) 2,4-Dinitrophenol	9.980	184	270862	71.660	ng	# 88
55) Dibenzofuran	10.127	168	1945249	42.991	ng	100
56) 4-Nitrophenol	10.039	139	496507	75.802	ng	91
57) 2,4-Dinitrotoluene	10.110	165	470841	49.202	ng	98
58) Fluorene	10.474	166	1427126	40.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	393383	42.916	ng	98
60) Diethylphthalate	10.345	149	1637852	48.252	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	749615	42.308	ng	99
62) 4-Nitroaniline	10.486	138	319750	38.611	ng	99
63) Azobenzene	10.622	77	1434897	42.195	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	199222	46.550	ng	78
66) n-Nitrosodiphenylamine	10.580	169	1271661	49.195	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	454389	47.759	ng	# 90
68) Hexachlorobenzene	11.016	284	487983	43.950	ng	97
69) Atrazine	11.110	200	376742	51.169	ng	97
70) Pentachlorophenol	11.210	266	537134	82.950	ng	98
71) Phenanthrene	11.433	178	2355701	56.417	ng	100
72) Anthracene	11.486	178	2047868	49.397	ng	99
73) Carbazole	11.639	167	1667451	43.853	ng	99
74) Di-n-butylphthalate	11.969	149	2054194	52.184	ng	99
75) Fluoranthene	12.621	202	2542204	59.706	ng	99
77) Benzidine	12.739	184	636836	101.277	ng	98
78) Pyrene	12.851	202	2543055	54.233	ng	99
80) Butylbenzylphthalate	13.468	149	834696	65.441	ng	97
81) Benzo(a)anthracene	14.033	228	1966036	56.371	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	384739	40.059	ng	100
83) Chrysene	14.074	228	1856640	55.849	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1125713	75.883	ng	99
85) Di-n-octyl phthalate	14.639	149	1882109	85.400	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	1497962	45.758	ng	99
88) Benzo(b)fluoranthene	15.086	252	1662581	56.142	ng	98
89) Benzo(k)fluoranthene	15.115	252	1540668	53.086	ng	99
90) Benzo(a)pyrene	15.457	252	1461331	57.440	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	1166109	43.397	ng	99
92) Benzo(g,h,i)perylene	17.445	276	1122172	40.369	ng	100

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



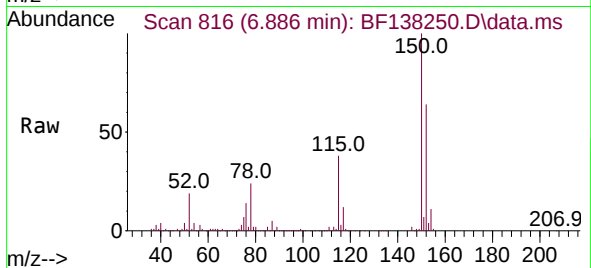
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.007 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

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WCS-TPEMS

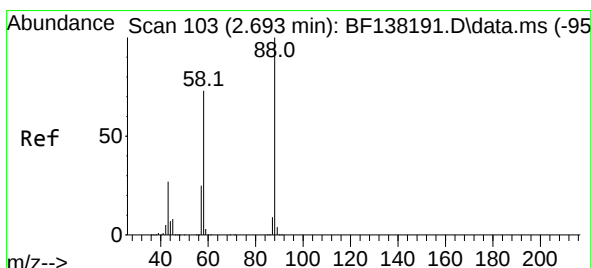
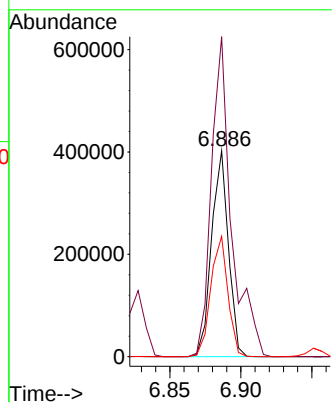
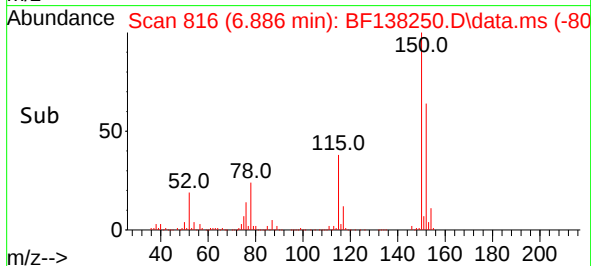


Tgt Ion:152 Resp: 33188
Ion Ratio Lower Upper
152 100
150 155.5 125.0 187.4
115 58.5 48.4 72.6

Manual Integrations

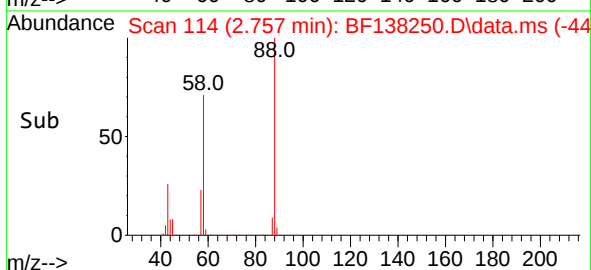
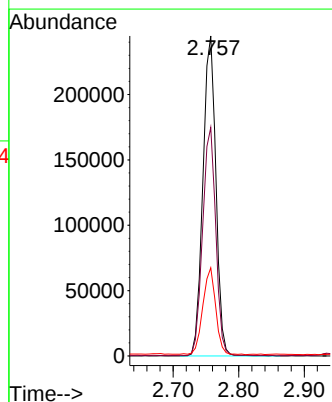
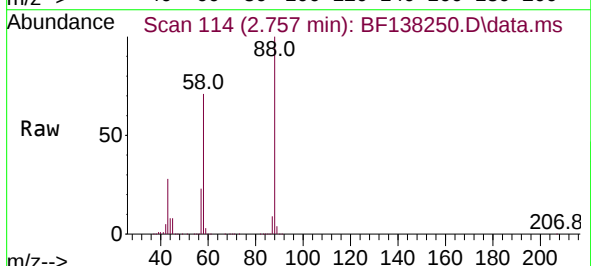
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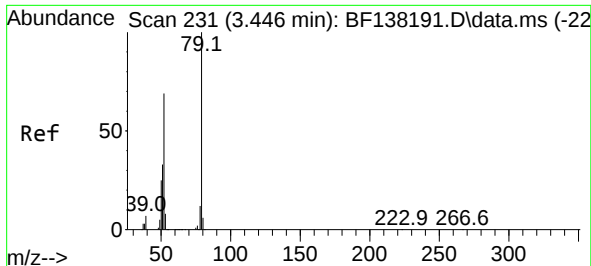
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#2
1,4-Dioxane
Concen: 37.188 ng
RT: 2.757 min Scan# 114
Delta R.T. 0.065 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion: 88 Resp: 337643
Ion Ratio Lower Upper
88 100
58 72.1 58.6 87.8
43 27.1 22.4 33.6





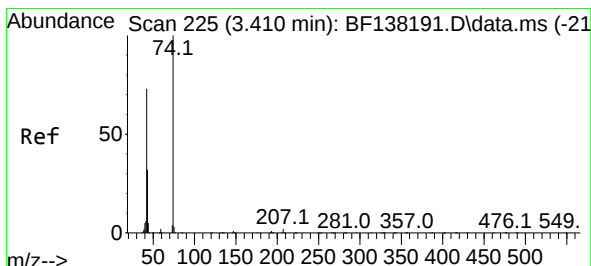
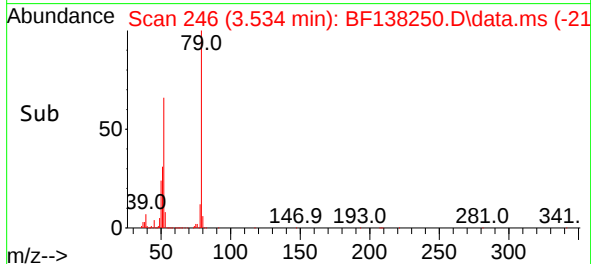
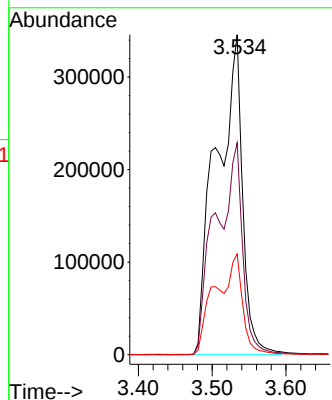
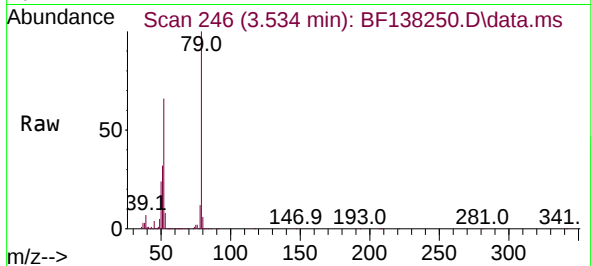
#3
Pyridine
Concen: 39.524 ng m
RT: 3.534 min Scan# 24
Delta R.T. 0.088 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :
BNA_F
ClientSampleId :
WCS-TPEMS

Tgt Ion: 79 Resp: 85288
Ion Ratio Lower Upper
79 100
52 66.2 55.0 82.4
51 31.5 26.9 40.3

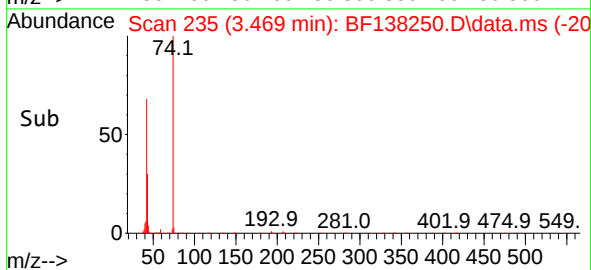
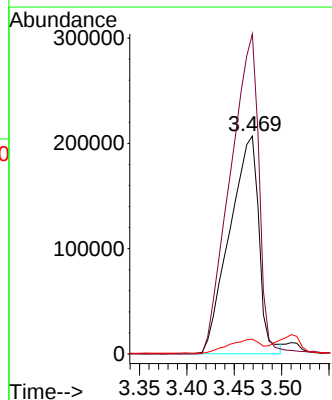
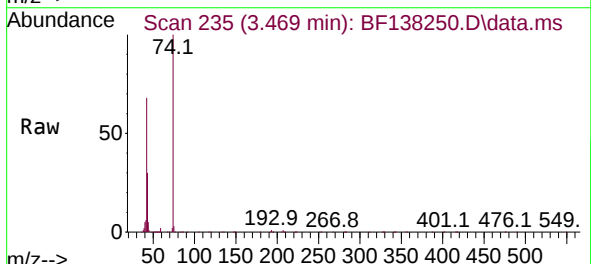
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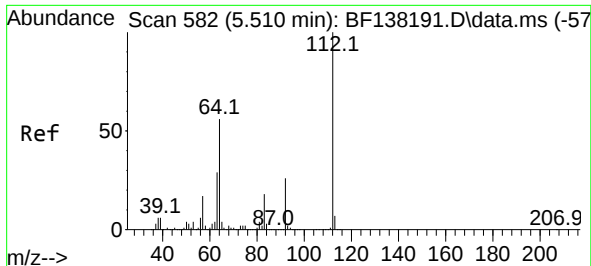
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#4
n-Nitrosodimethylamine
Concen: 44.564 ng
RT: 3.469 min Scan# 235
Delta R.T. 0.059 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion: 42 Resp: 445053
Ion Ratio Lower Upper
42 100
74 146.9 109.9 164.9
44 6.7 5.2 7.8





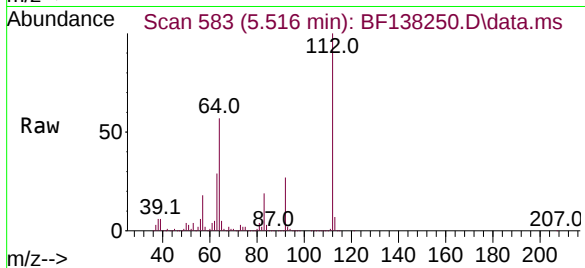
#5
2-Fluorophenol
Concen: 97.420 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

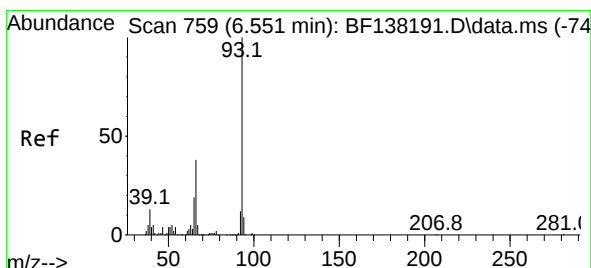
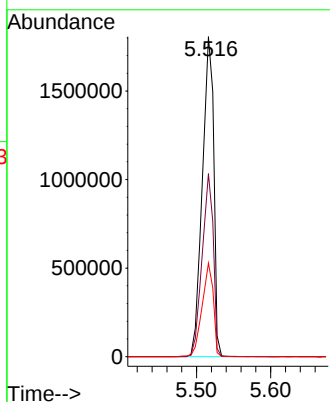
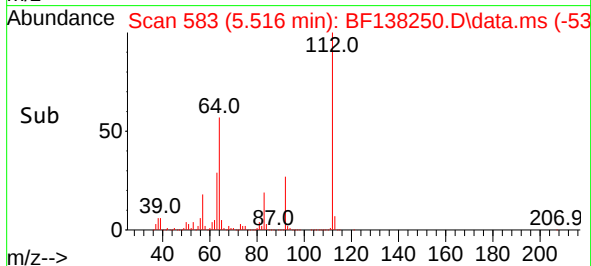


Tgt Ion:112 Resp: 193280
Ion Ratio Lower Upper
112 100
64 57.2 45.2 67.8
63 29.2 22.9 34.3

Manual Integrations

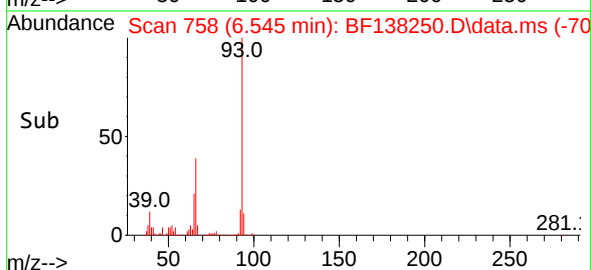
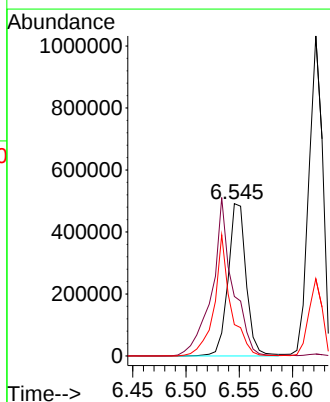
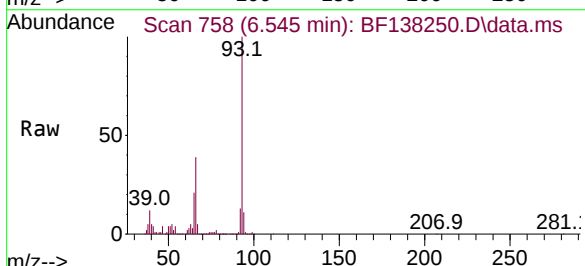
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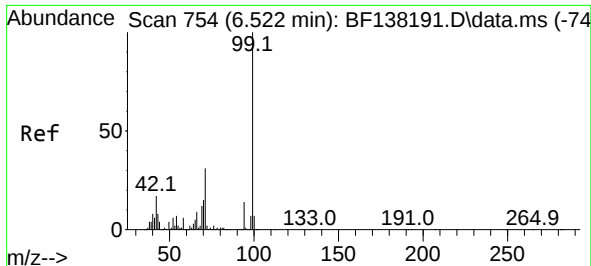
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#6
Aniline
Concen: 23.509 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion: 93 Resp: 578714
Ion Ratio Lower Upper
93 100
66 39.1 30.8 46.2
65 20.6 15.5 23.3





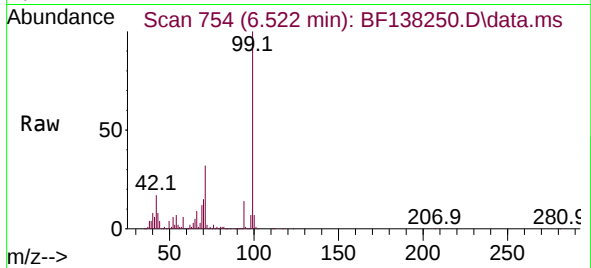
#7
Phenol-d6
Concen: 95.384 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

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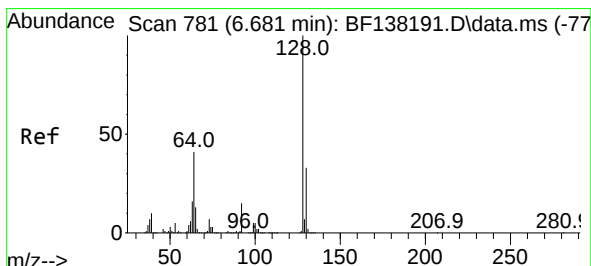
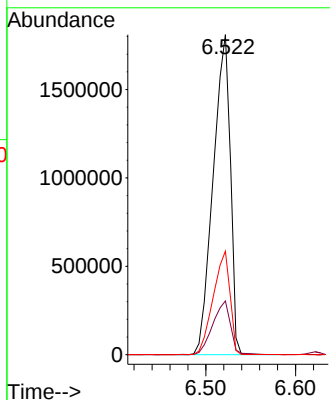
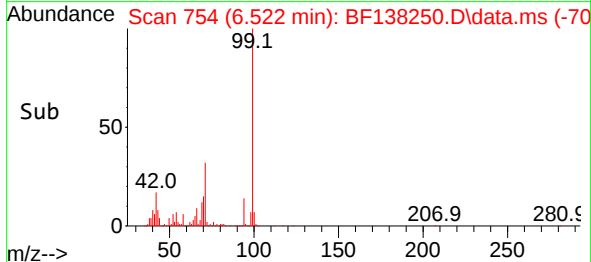


Tgt Ion: 99 Resp: 2399638
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 32.3 25.0 37.6

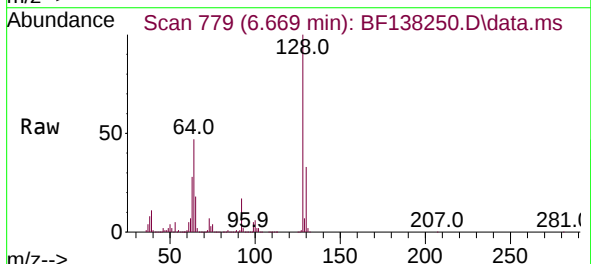
Manual Integrations

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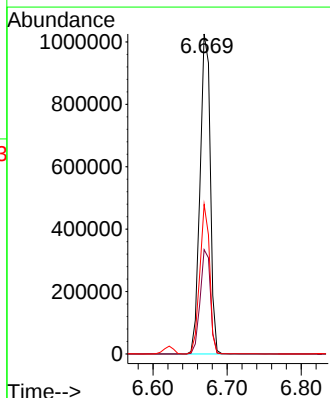
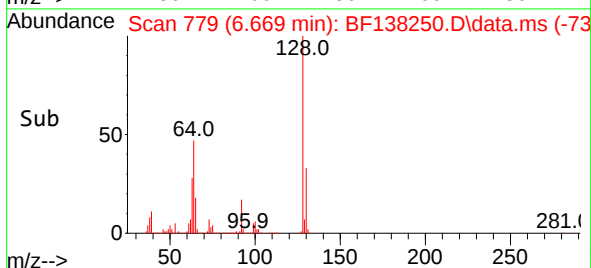
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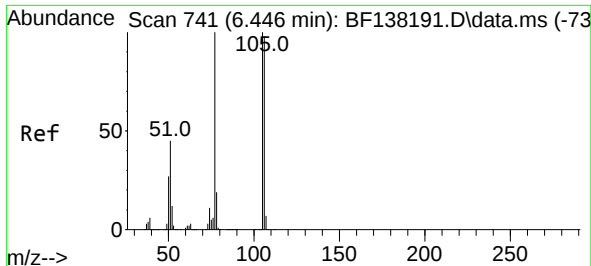


#8
2-Chlorophenol
Concen: 45.800 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.012 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28



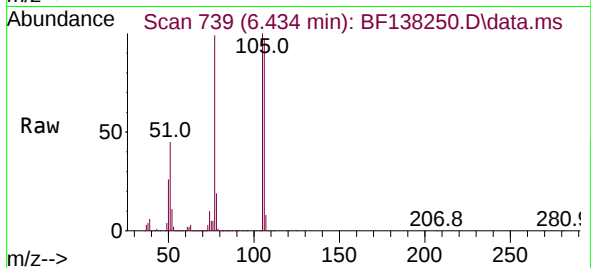
Tgt Ion:128 Resp: 982383
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 46.7 21.8 61.8





#9
Benzaldehyde
Concen: 20.663 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

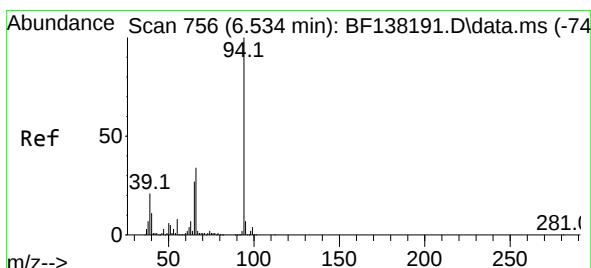
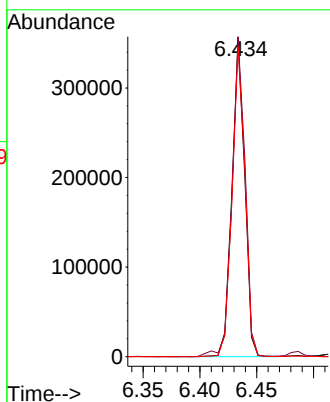
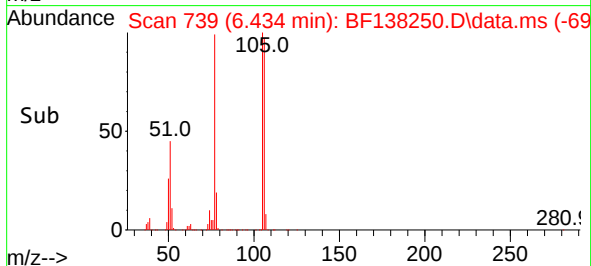
Instrument :
BNA_F
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WCS-TPEMS



Tgt Ion: 77 Resp: 27609
Ion Ratio Lower Upper
77 100
105 100.9 80.1 120.1
106 97.8 77.8 117.8

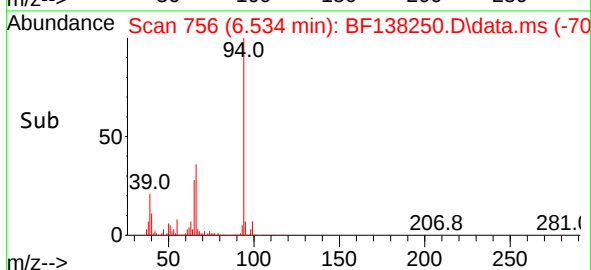
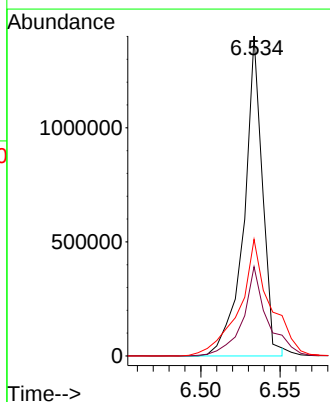
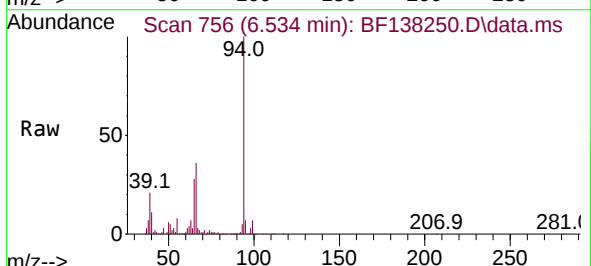
Manual Integrations
APPROVED

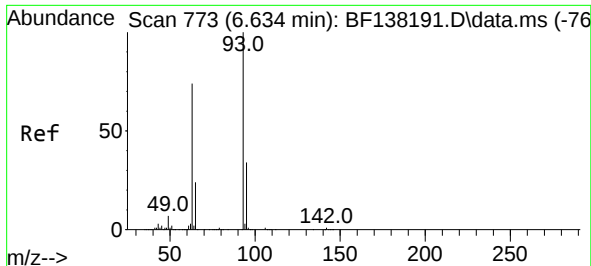
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Phenol
Concen: 44.467 ng m
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

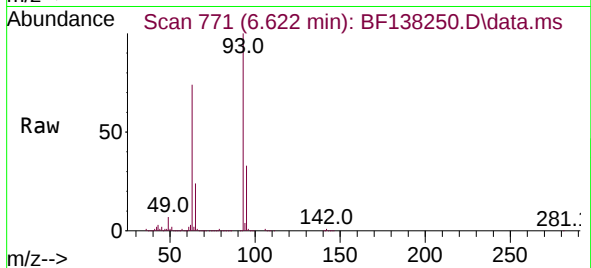
Tgt Ion: 94 Resp: 1135276
Ion Ratio Lower Upper
94 100
65 27.9 6.8 46.8
66 36.4 14.2 54.2





#11
bis(2-Chloroethyl)ether
Concen: 44.980 ng
RT: 6.622 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

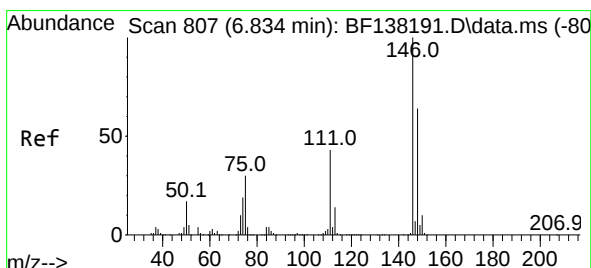
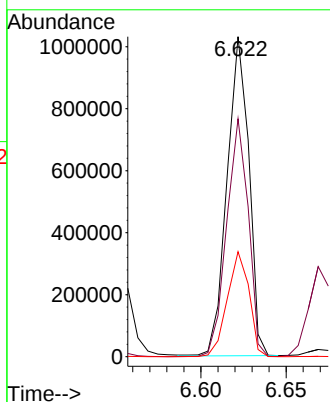
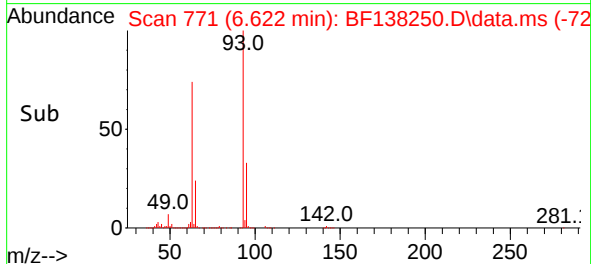
Instrument :
BNA_F
ClientSampleId :
WCS-TPEMS



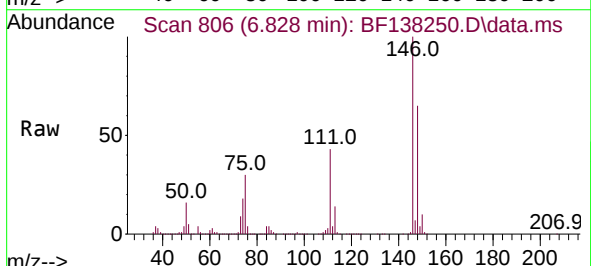
Tgt Ion: 93 Resp: 919098
Ion Ratio Lower Upper
93 100
63 74.3 52.5 92.5
95 32.8 13.2 53.2

Manual Integrations
APPROVED

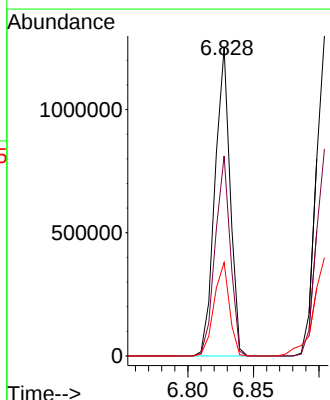
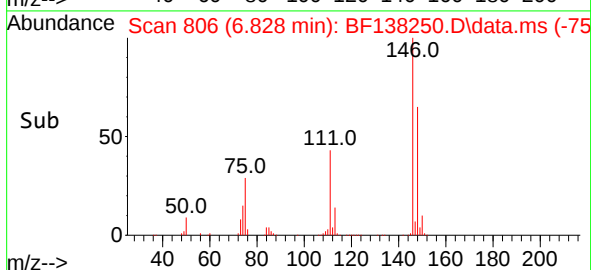
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

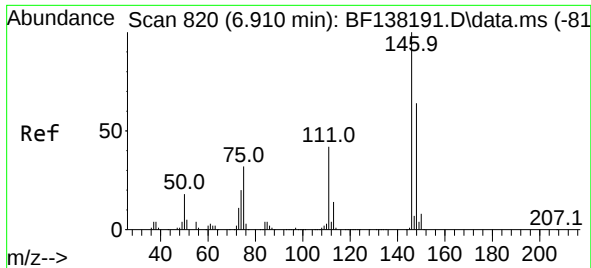


#12
1,3-Dichlorobenzene
Concen: 41.338 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28



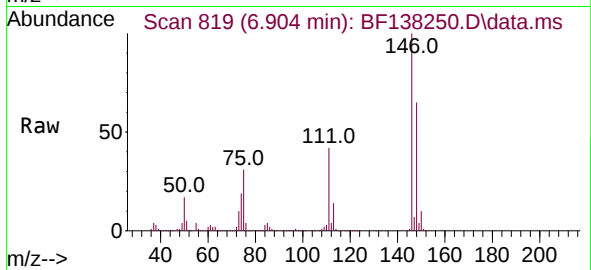
Tgt Ion:146 Resp: 1007676
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
75 30.3 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 41.792 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

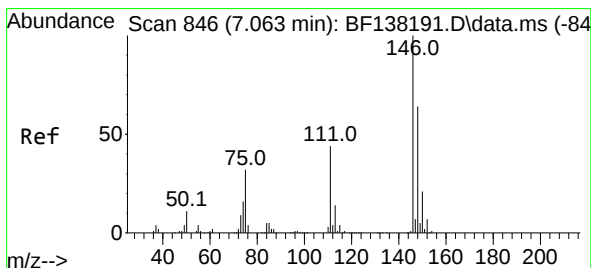
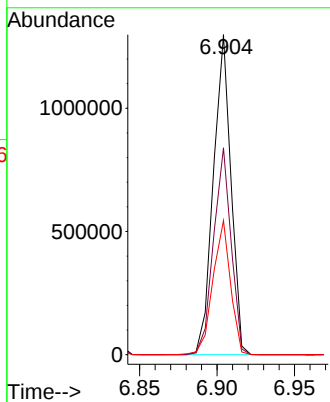
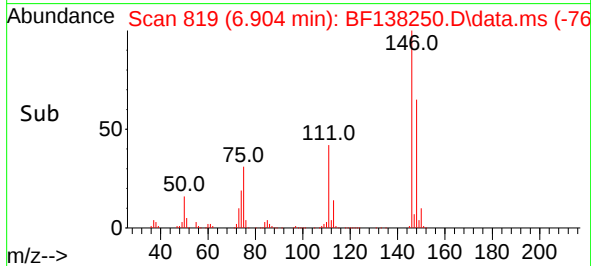
Instrument :
BNA_F
ClientSampleId :
WCS-TPEMS



Tgt Ion:146 Resp: 102521
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
111 41.9 33.7 50.5

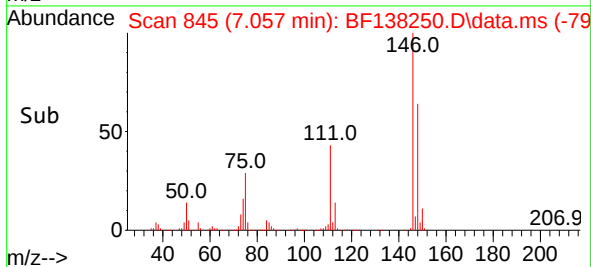
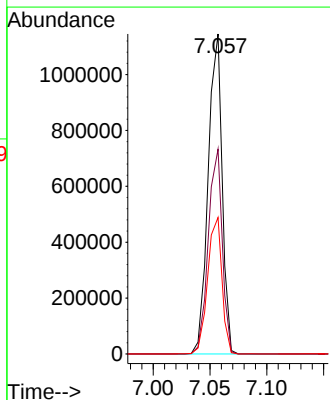
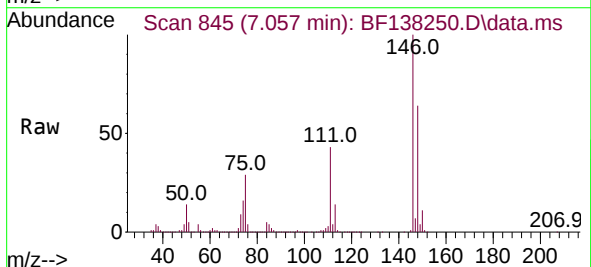
Manual Integrations
APPROVED

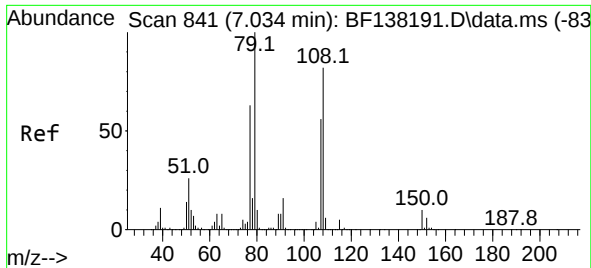
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#14
1,2-Dichlorobenzene
Concen: 42.490 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:146 Resp: 978496
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 42.7 35.4 53.2





#15
Benzyl Alcohol
Concen: 47.078 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

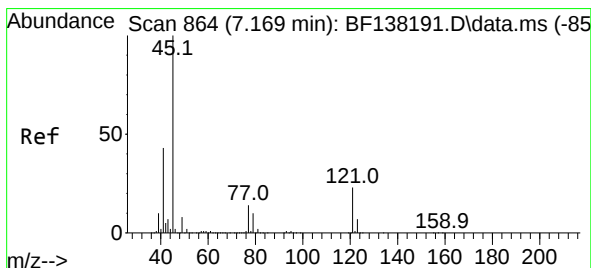
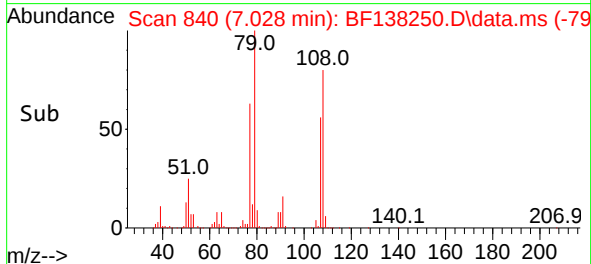
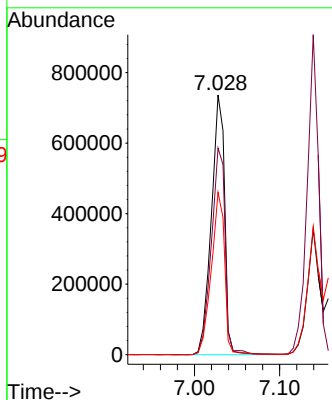
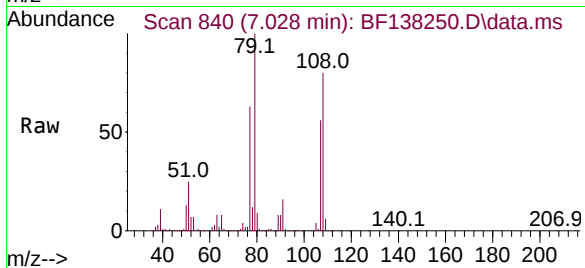
ClientSampleId :

WCS-TPEMS

Tgt Ion: 79 Resp: 79857
Ion Ratio Lower Upper
79 100
108 79.5 65.9 98.9
77 62.5 50.3 75.5

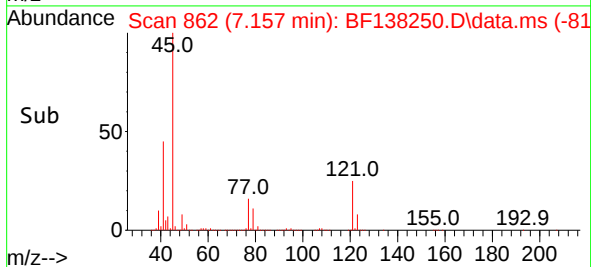
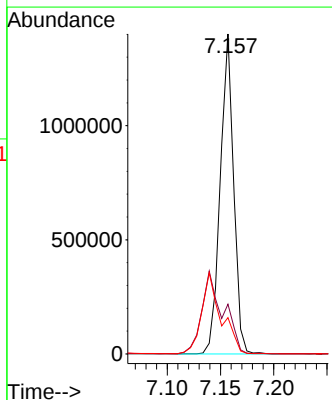
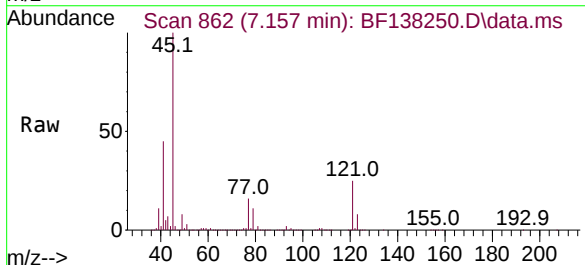
Manual Integrations
APPROVED

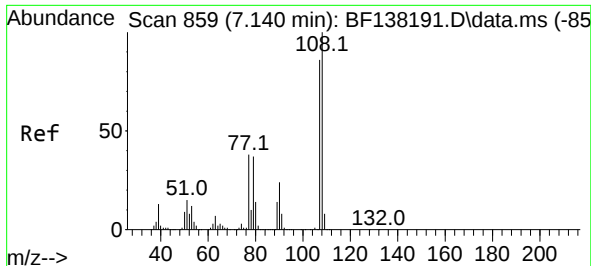
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.383 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion: 45 Resp: 1222248
Ion Ratio Lower Upper
45 100
77 15.6 0.0 33.9
79 11.4 0.0 30.7





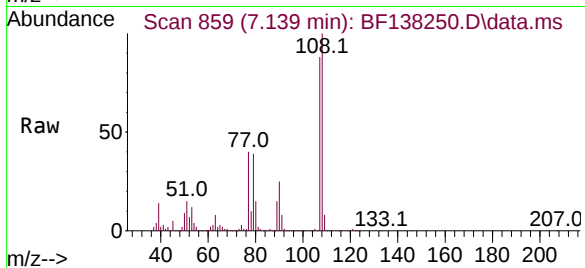
#17
2-Methylphenol
Concen: 44.213 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

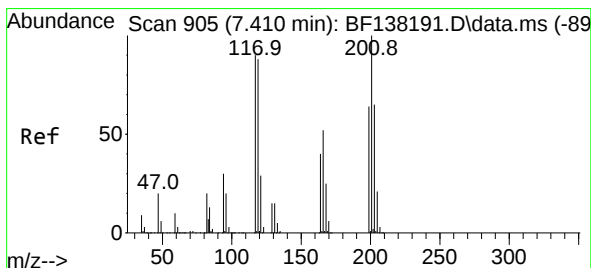
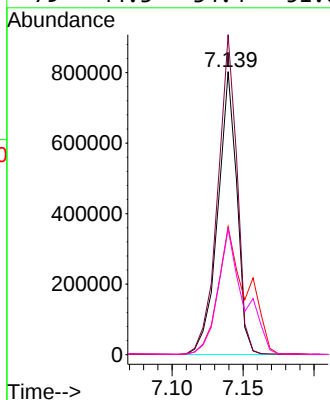
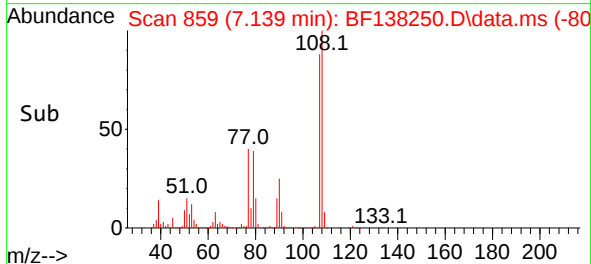


Tgt Ion:107 Resp: 748230
Ion Ratio Lower Upper
107 100
108 113.0 92.7 139.1
77 45.2 35.7 53.5
79 44.3 34.4 51.6

Manual Integrations

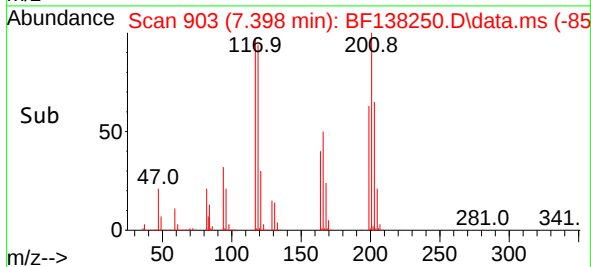
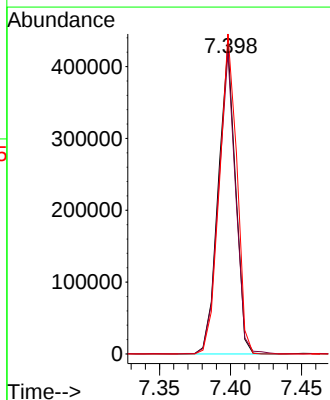
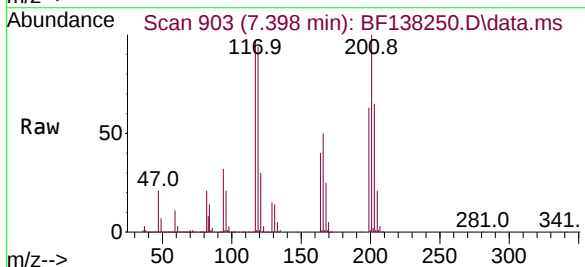
APPROVED

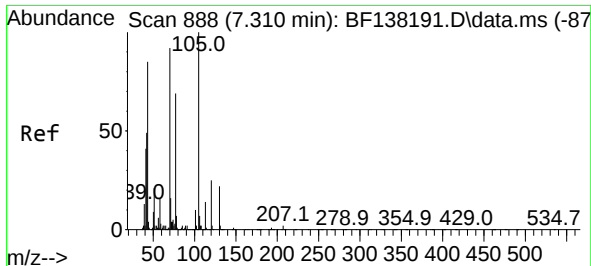
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#18
Hexachloroethane
Concen: 43.349 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:117 Resp: 360263
Ion Ratio Lower Upper
117 100
119 96.8 78.4 117.6
201 103.0 89.0 133.6





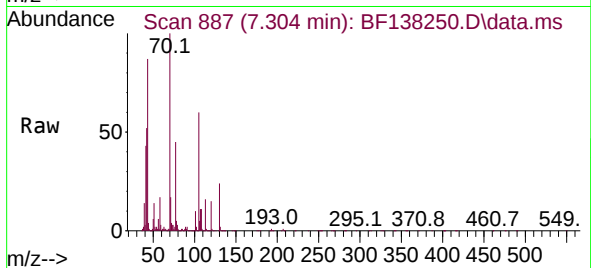
#19
n-Nitroso-di-n-propylamine
Concen: 42.979 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

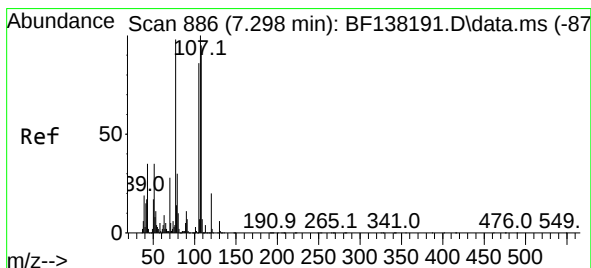
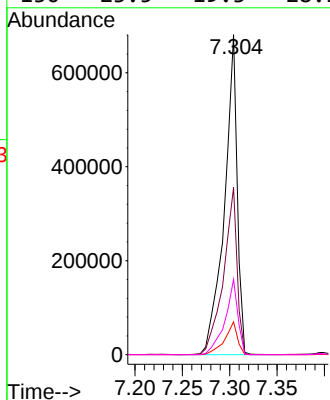
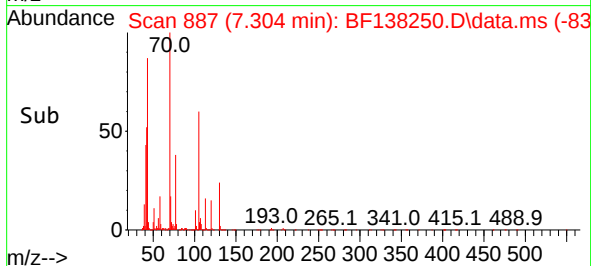


Tgt Ion: 70 Resp: 640924
Ion Ratio Lower Upper
70 100
42 52.3 42.8 64.2
101 10.3 8.4 12.6
130 23.5 19.3 28.9

Manual Integrations

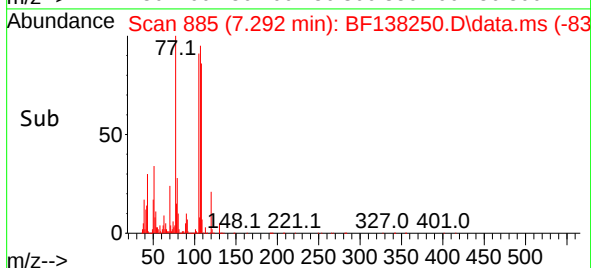
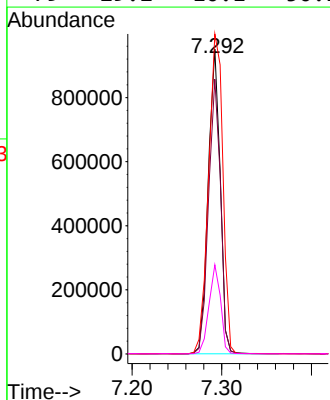
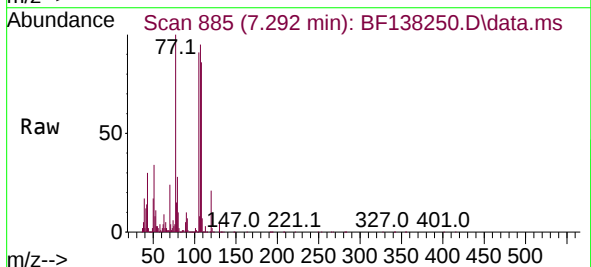
APPROVED

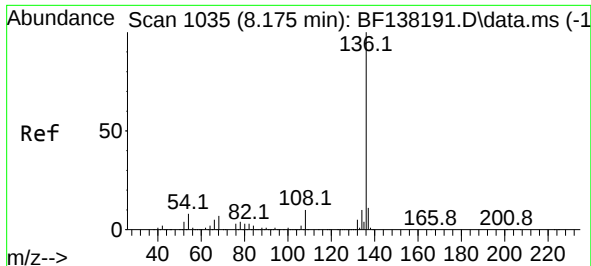
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#20
3+4-Methylphenols
Concen: 41.365 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:107 Resp: 881105
Ion Ratio Lower Upper
107 100
108 90.1 74.9 114.9
77 105.0 78.2 118.2
79 29.2 10.1 50.1





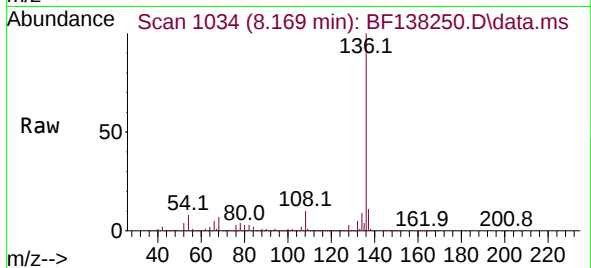
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

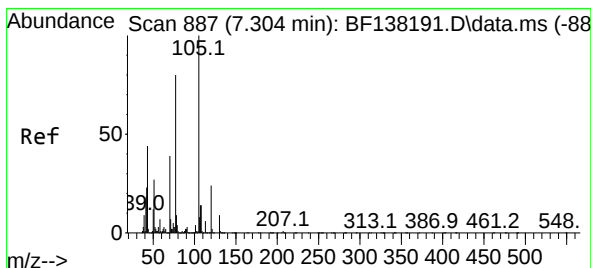
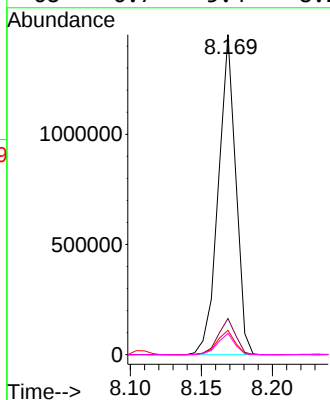
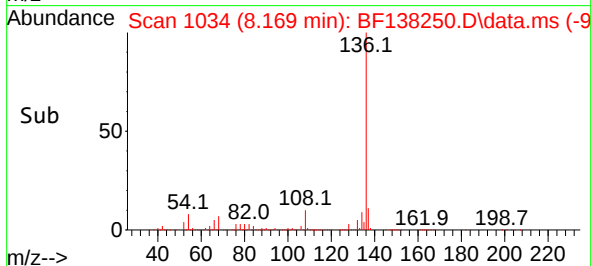


Tgt Ion:136 Resp: 123596
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.6 6.6 10.0
68 6.7 5.4 8.2

Manual Integrations

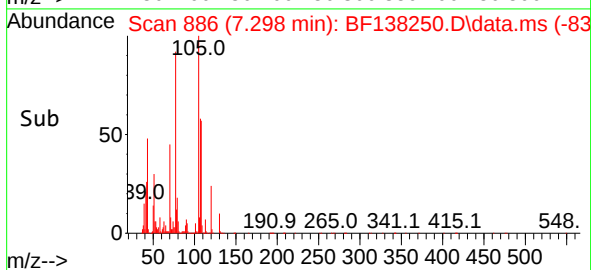
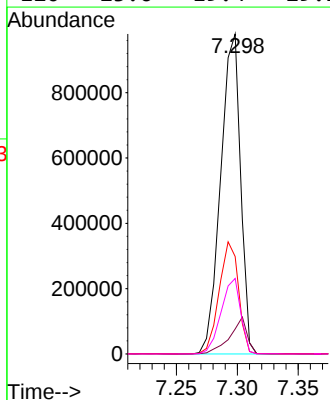
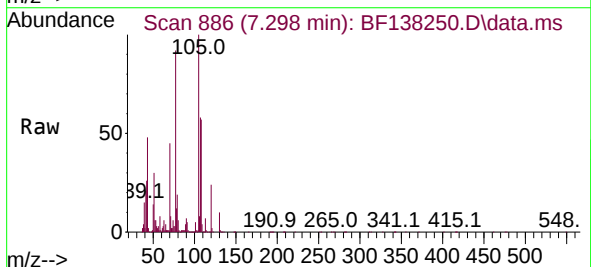
APPROVED

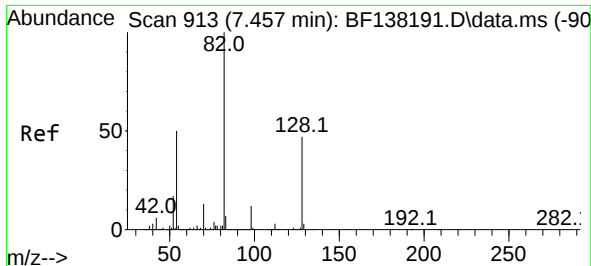
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Acetophenone
Concen: 39.473 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:105 Resp: 1114494
Ion Ratio Lower Upper
105 100
71 7.8 5.4 8.2
51 30.5 21.4 32.0
120 23.6 19.4 29.2





#23

Nitrobenzene-d5

Concen: 69.446 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

Tgt Ion: 82 Resp: 1474370

Ion Ratio Lower Upper

82 100

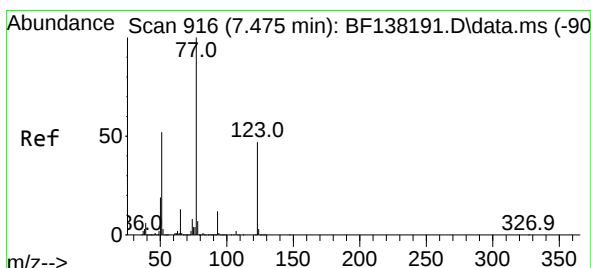
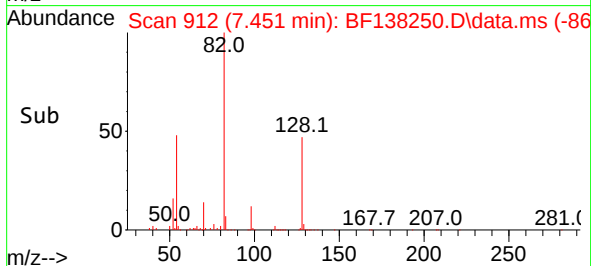
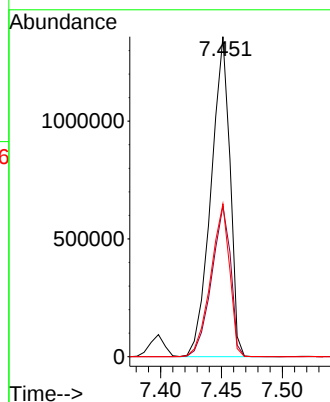
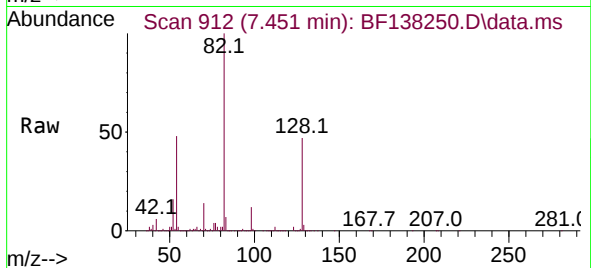
128 47.1 37.2 55.8

54 47.7 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#24

Nitrobenzene

Concen: 43.801 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

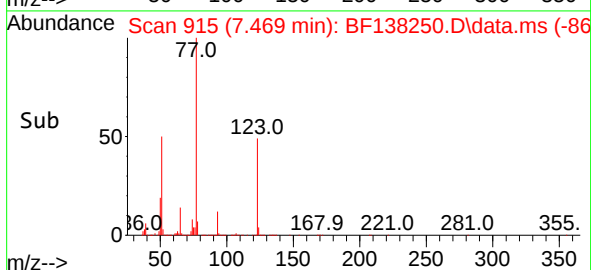
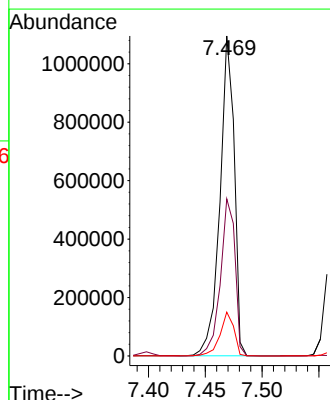
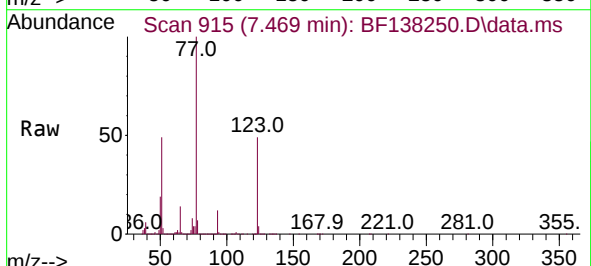
Tgt Ion: 77 Resp: 961101

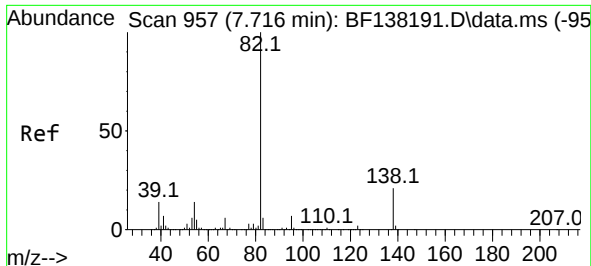
Ion Ratio Lower Upper

77 100

123 49.1 37.3 55.9

65 13.7 10.6 15.8





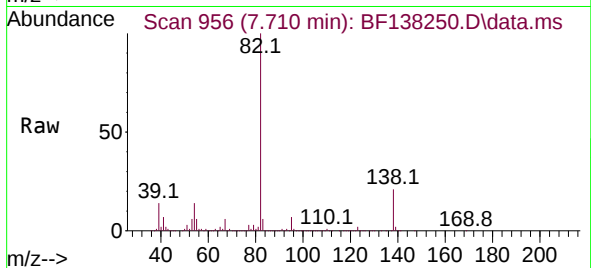
#25
Isophorone
Concen: 45.334 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

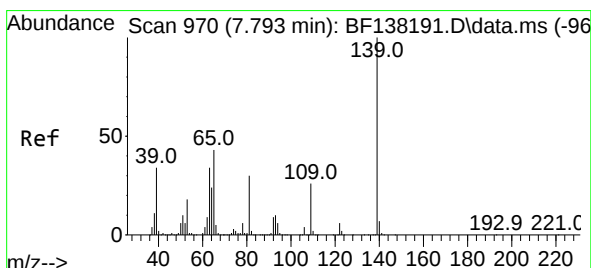
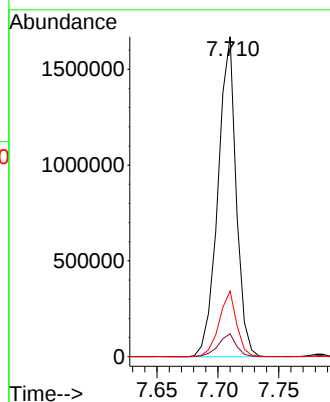
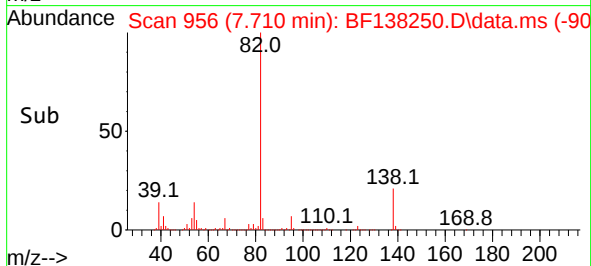


Tgt Ion: 82 Resp: 1740900
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 20.5 16.4 24.6

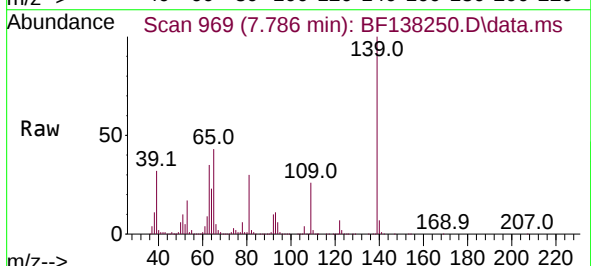
Manual Integrations

APPROVED

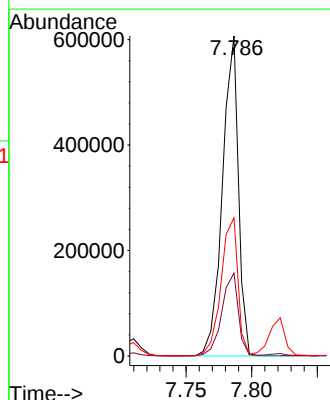
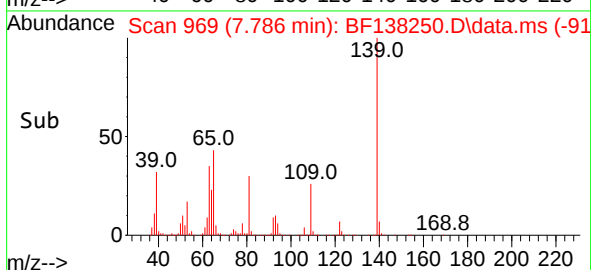
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

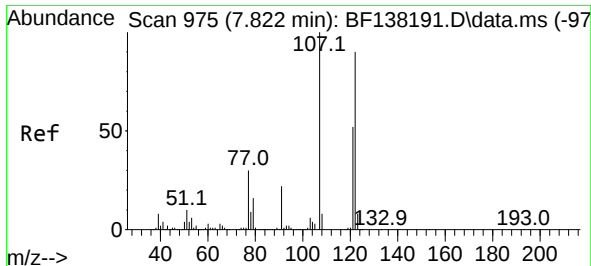


#26
2-Nitrophenol
Concen: 58.058 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.007 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28



Tgt Ion:139 Resp: 512269
Ion Ratio Lower Upper
139 100
109 25.9 20.7 31.1
65 43.2 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 48.607 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

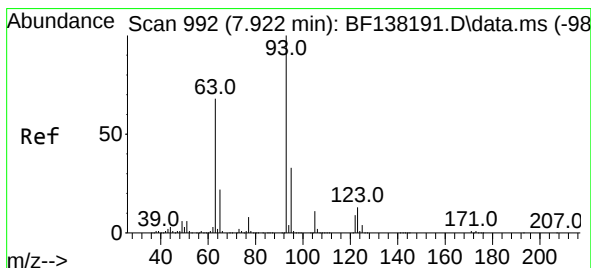
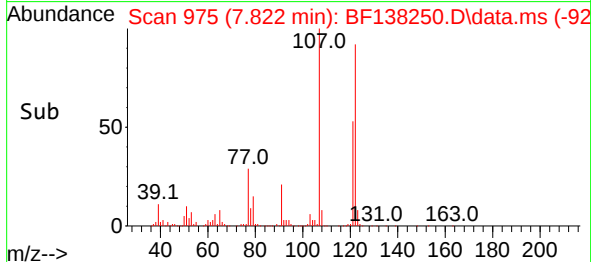
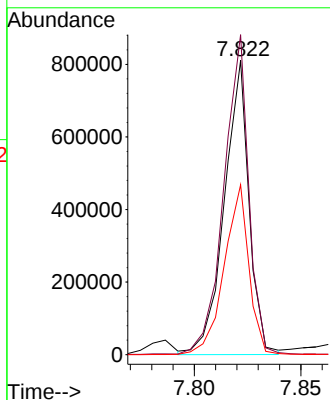
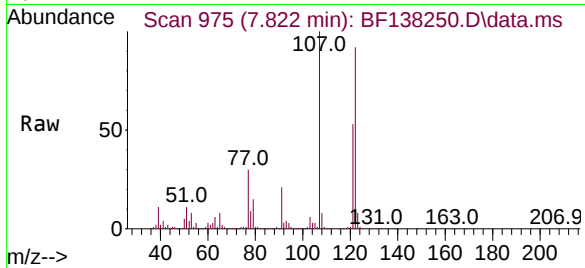
Tgt Ion:122 Resp: 652484

Ion	Ratio	Lower	Upper
122	100		
107	108.8	87.7	131.5
121	57.7	45.8	68.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.459 ng

RT: 7.916 min Scan# 991

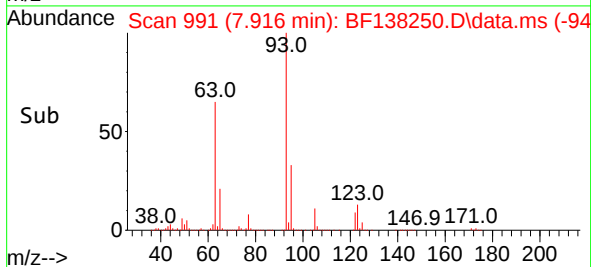
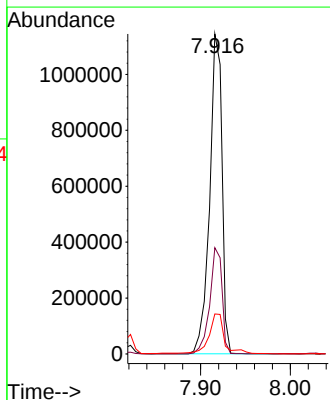
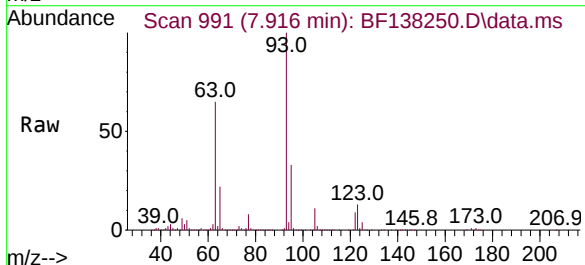
Delta R.T. -0.006 min

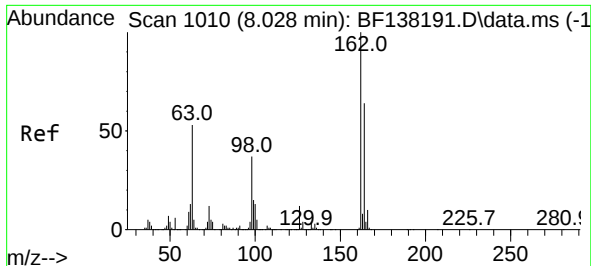
Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

Tgt Ion: 93 Resp: 1092775

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	39.8
123	12.5	10.2	15.4





#29
2,4-Dichlorophenol
Concen: 44.120 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

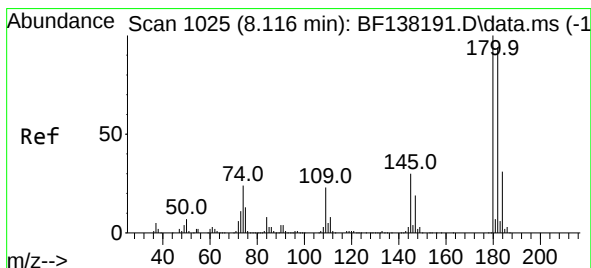
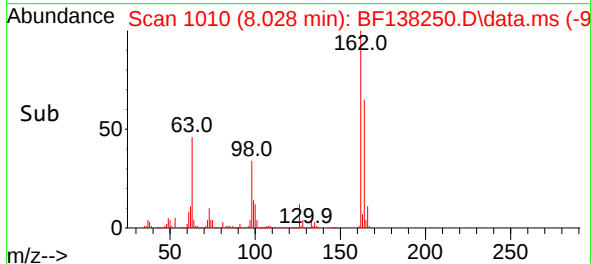
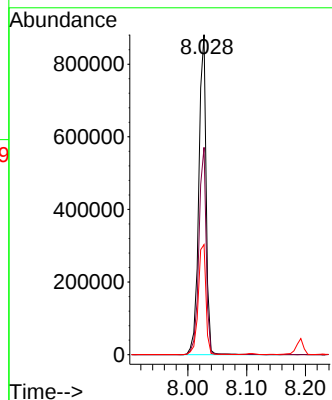
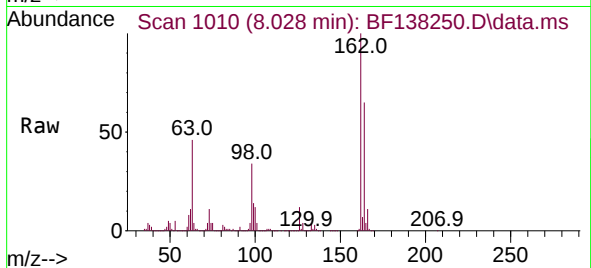
WCS-TPEMS

Tgt Ion:162 Resp: 76250
Ion Ratio Lower Upper
162 100
164 64.8 44.3 84.3
98 34.4 16.5 56.5

Manual Integrations

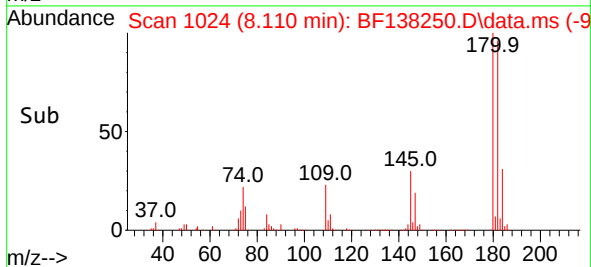
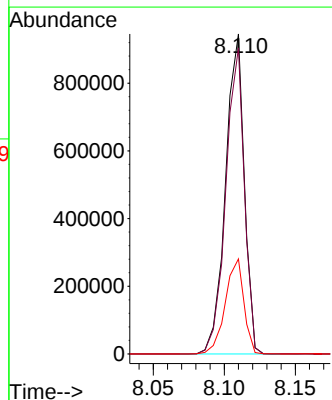
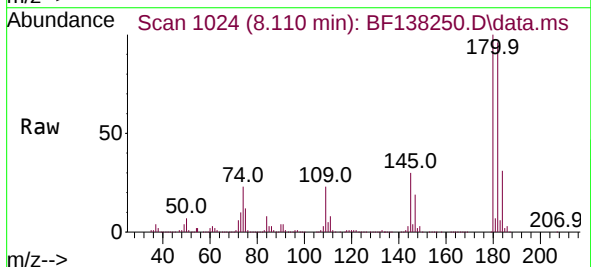
APPROVED

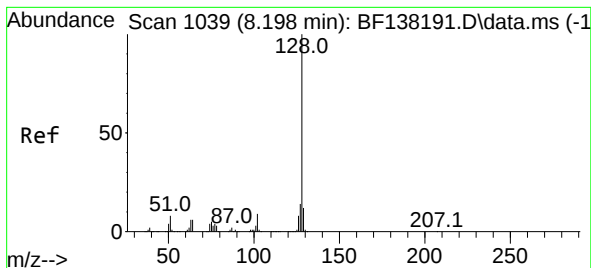
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.360 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:180 Resp: 863371
Ion Ratio Lower Upper
180 100
182 95.7 75.0 112.6
145 29.7 23.8 35.6





#31
Naphthalene
Concen: 41.926 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

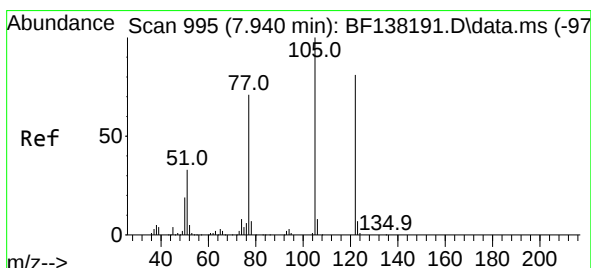
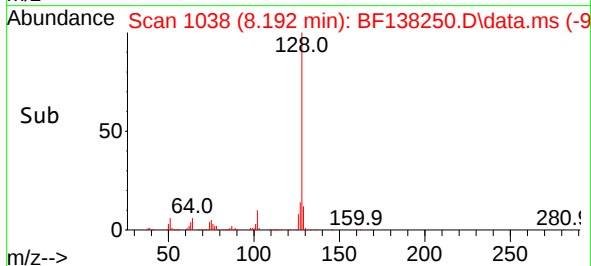
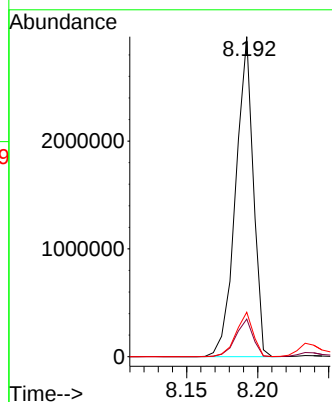
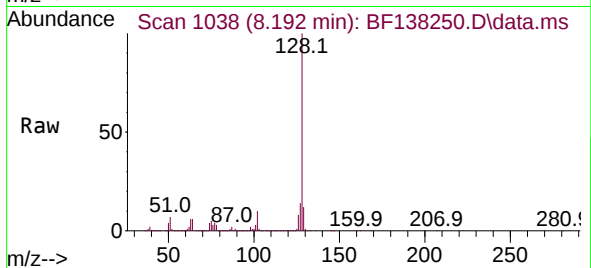
WCS-TPEMS

Tgt Ion:128 Resp: 256231
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.9 11.0 16.6

Manual Integrations

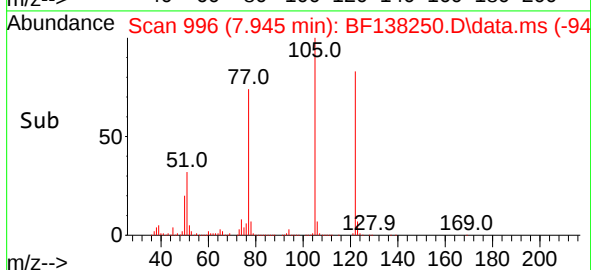
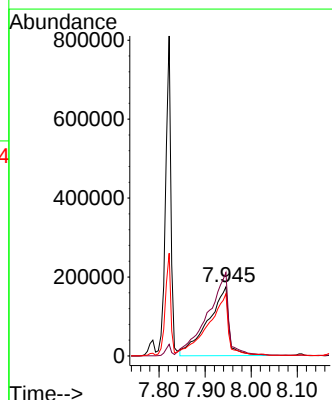
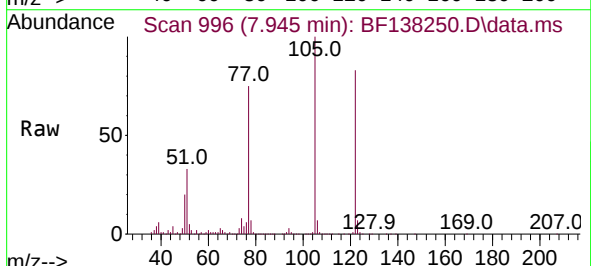
APPROVED

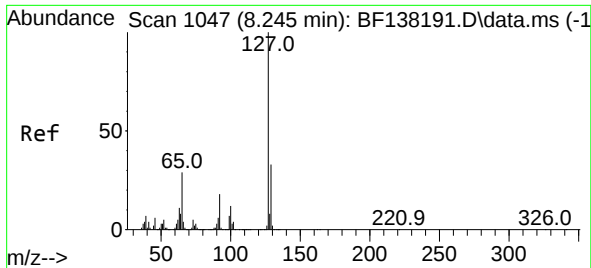
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#32
Benzoic acid
Concen: 46.904 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.005 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:122 Resp: 554932
Ion Ratio Lower Upper
122 100
105 121.0 100.1 140.1
77 90.2 66.5 106.5





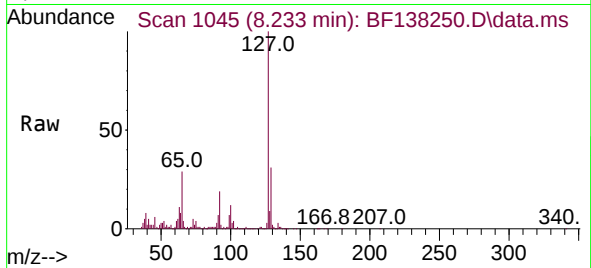
#33
4-Chloroaniline
Concen: 7.181 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

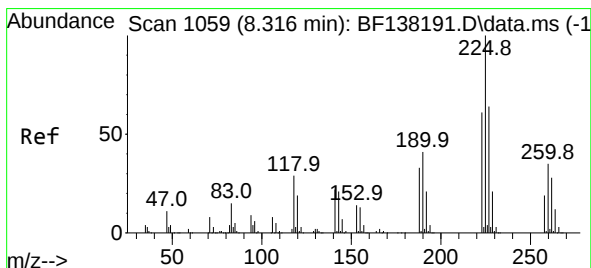
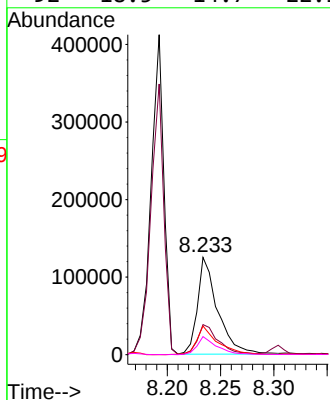
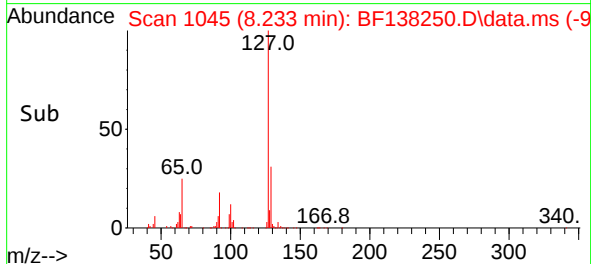


Tgt Ion:127 Resp: 164020
Ion Ratio Lower Upper
127 100
129 31.0 26.1 39.1
65 29.5 23.6 35.4
92 18.5 14.7 22.1

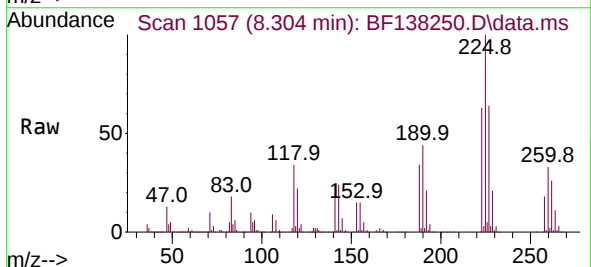
Manual Integrations

APPROVED

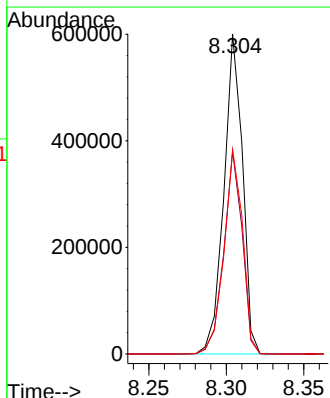
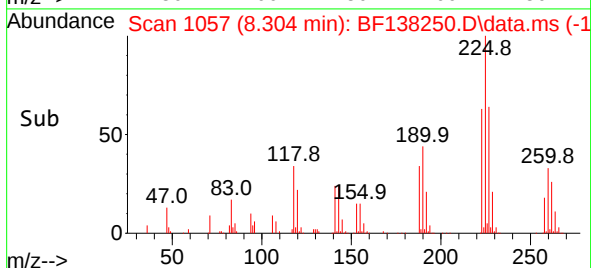
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

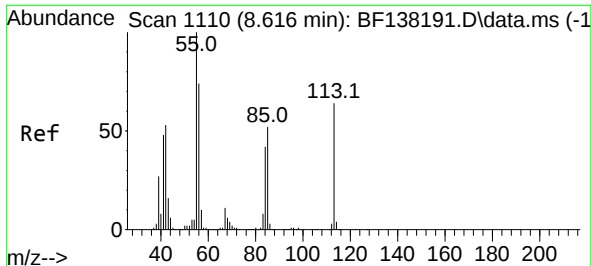


#34
Hexachlorobutadiene
Concen: 41.910 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28



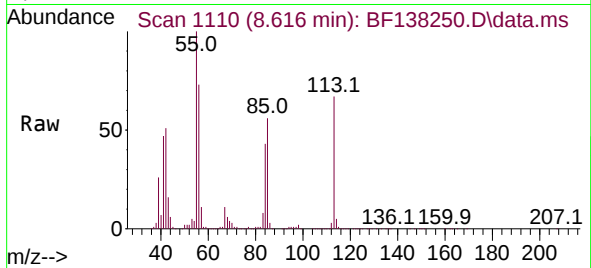
Tgt Ion:225 Resp: 499576
Ion Ratio Lower Upper
225 100
223 63.3 49.0 73.6
227 63.8 51.2 76.8





#35
Caprolactam
Concen: 43.240 ng m
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

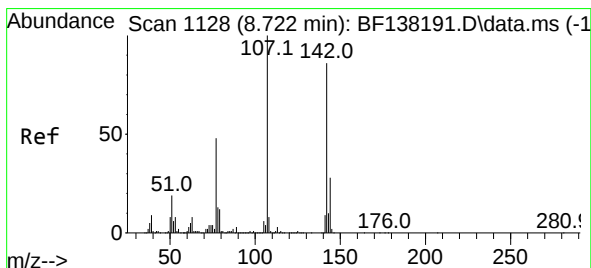
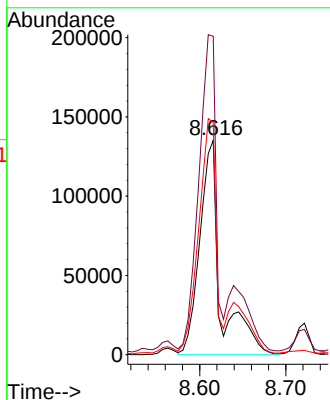
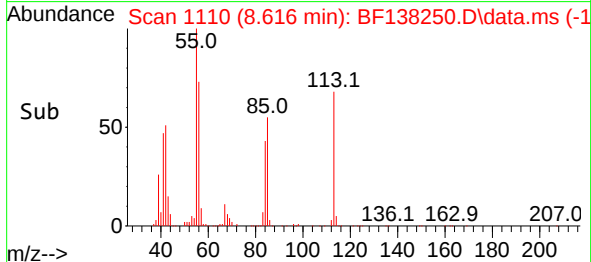
Instrument :
BNA_F
ClientSampleId :
WCS-TPEMS



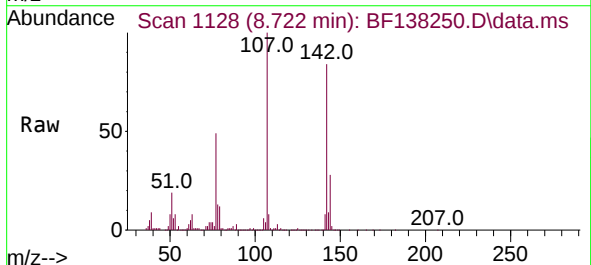
Tgt Ion:113 Resp: 225608
Ion Ratio Lower Upper
113 100
55 148.6 135.4 175.4
56 108.3 95.5 135.5

Manual Integrations
APPROVED

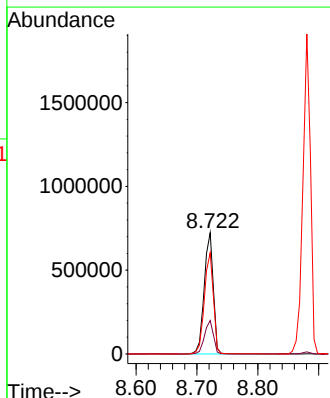
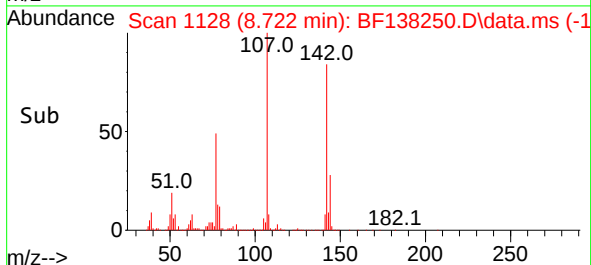
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

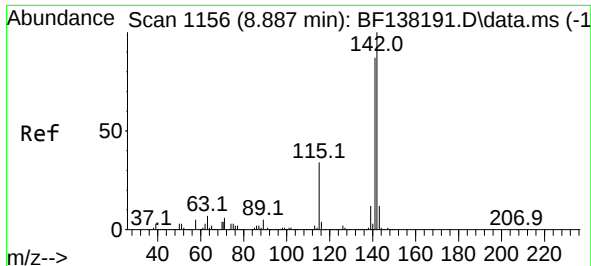


#36
4-Chloro-3-methylphenol
Concen: 43.564 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28



Tgt Ion:107 Resp: 749628
Ion Ratio Lower Upper
107 100
144 27.6 22.6 34.0
142 83.5 69.0 103.4





#37
2-Methylnaphthalene
Concen: 41.182 ng
RT: 8.880 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

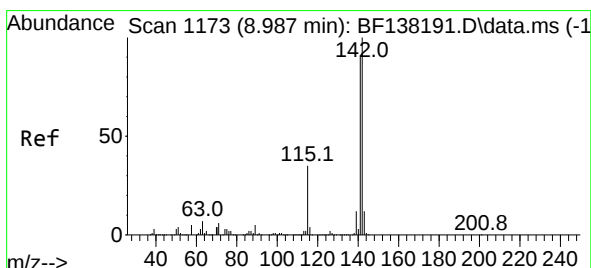
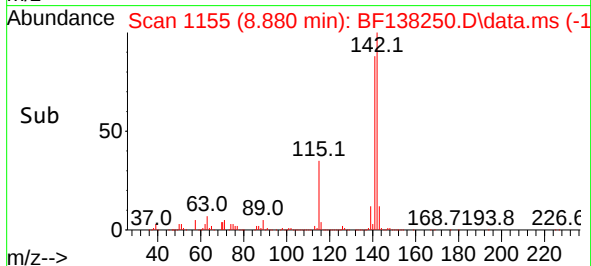
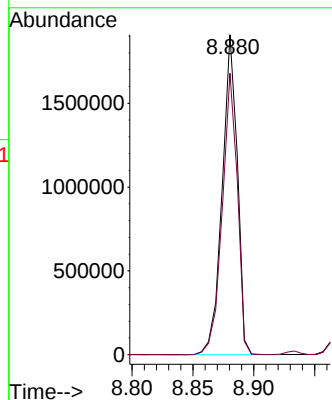
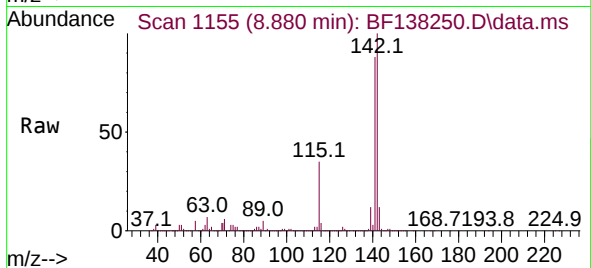
WCS-TPEMS

Tgt Ion:142 Resp: 165180
Ion Ratio Lower Upper
142 100
141 87.9 69.9 104.9

Manual Integrations

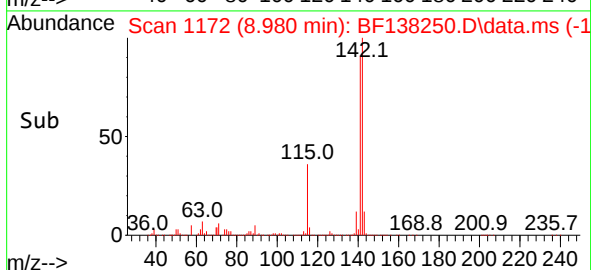
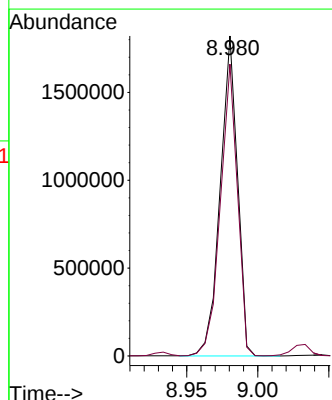
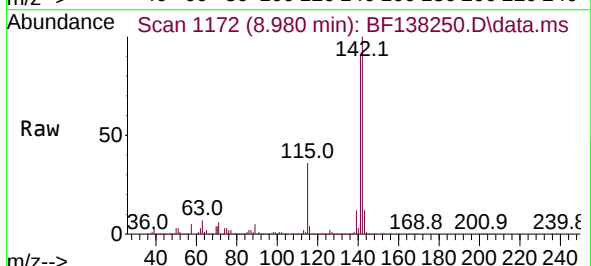
APPROVED

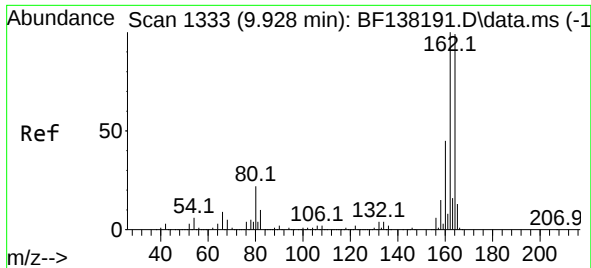
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#38
1-Methylnaphthalene
Concen: 38.913 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:142 Resp: 1529492
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2





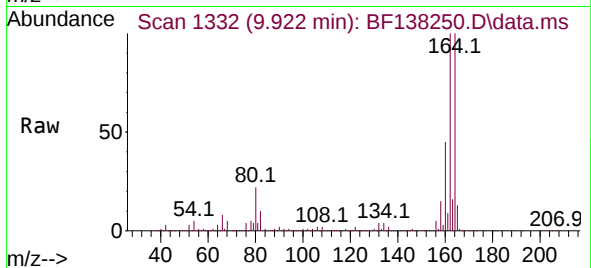
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

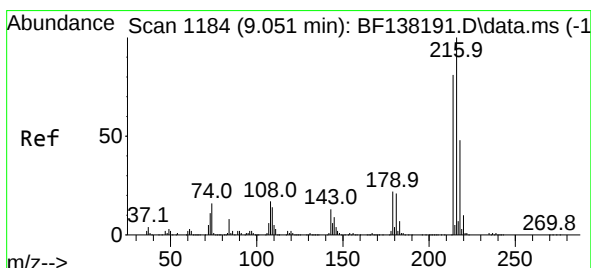
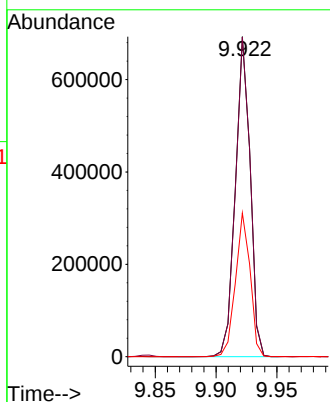
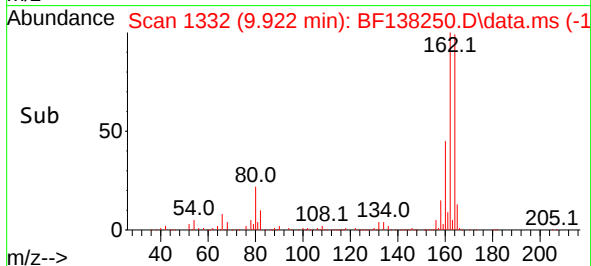


Tgt Ion:164 Resp: 583708
Ion Ratio Lower Upper
164 100
162 99.9 80.6 121.0
160 44.9 36.3 54.5

Manual Integrations

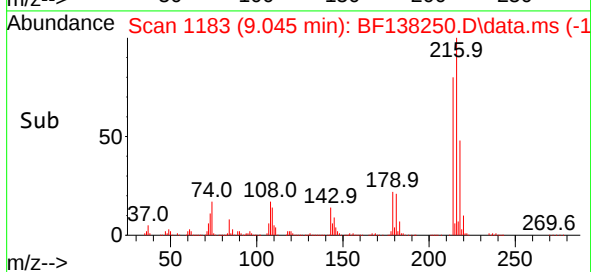
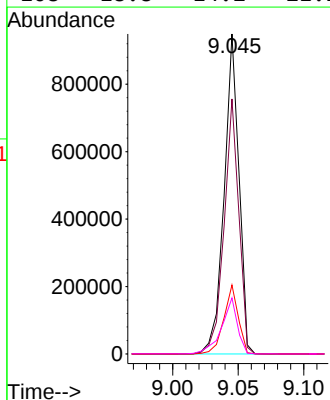
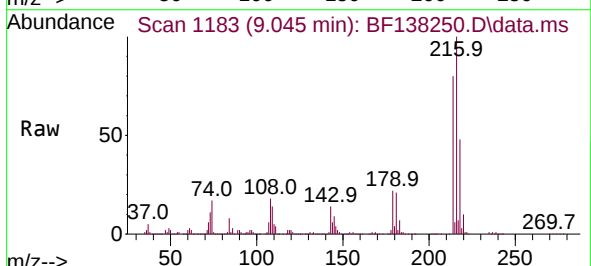
APPROVED

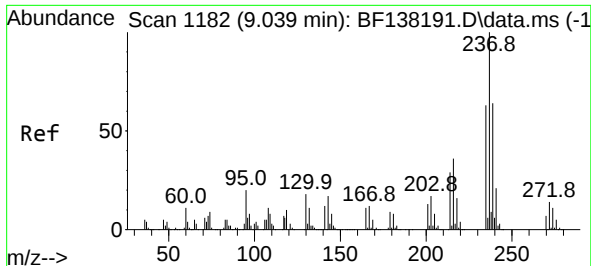
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.518 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:216 Resp: 742283
Ion Ratio Lower Upper
216 100
214 79.2 63.7 95.5
179 21.1 16.9 25.3
108 18.8 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 91.757 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

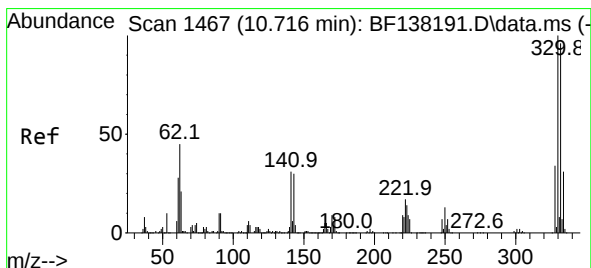
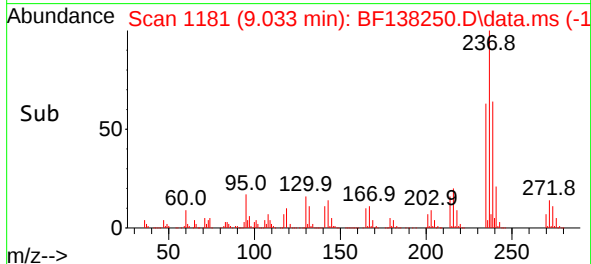
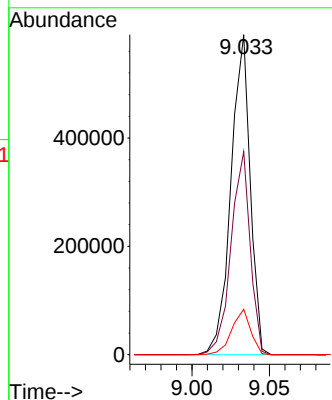
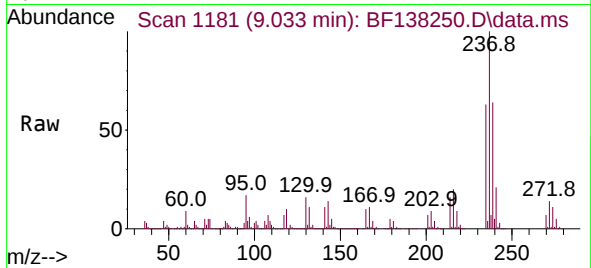
ClientSampleId :

WCS-TPEMS

Tgt Ion:237 Resp: 51033
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 14.2 0.0 34.0

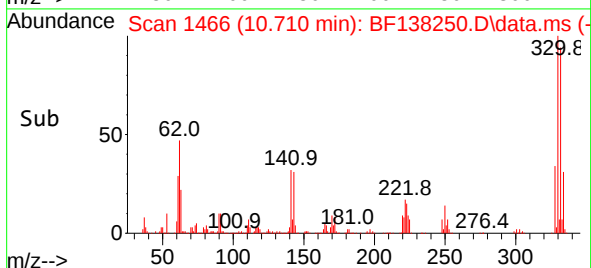
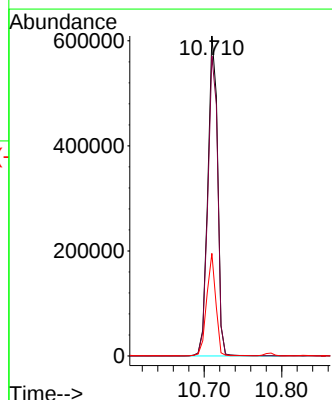
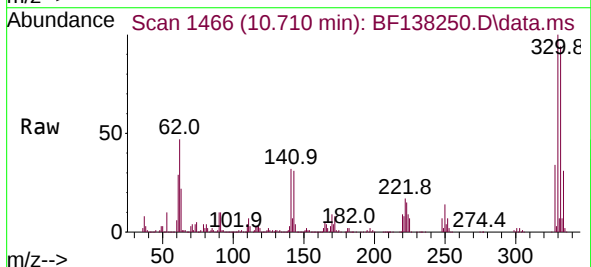
Manual Integrations
APPROVED

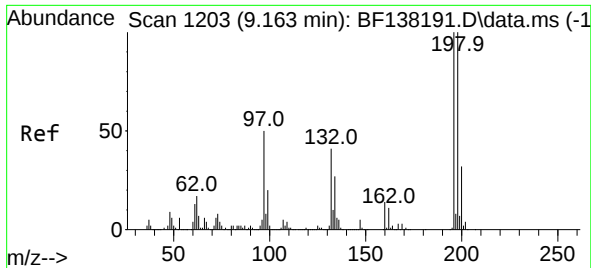
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#42
2,4,6-Tribromophenol
Concen: 91.809 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:330 Resp: 533497
Ion Ratio Lower Upper
330 100
332 95.2 76.6 115.0
141 29.6 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 49.298 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

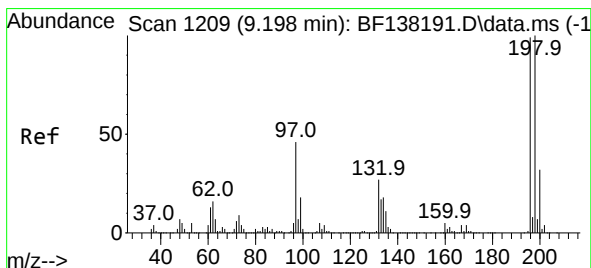
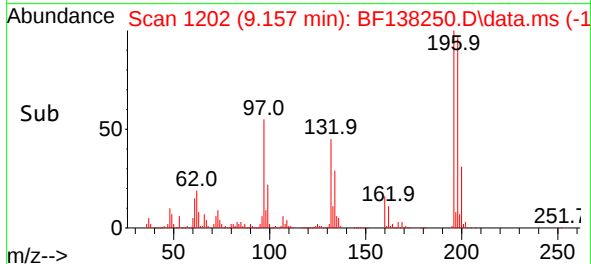
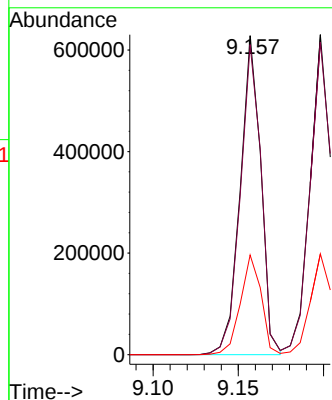
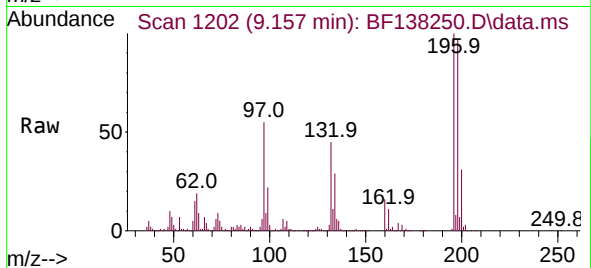
WCS-TPEMS

Tgt Ion:196 Resp: 526510
Ion Ratio Lower Upper
196 100
198 97.2 79.8 119.6
200 31.3 25.9 38.9

Manual Integrations

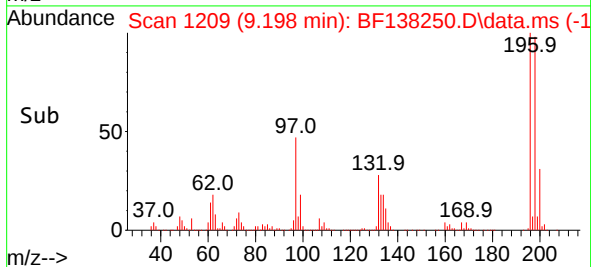
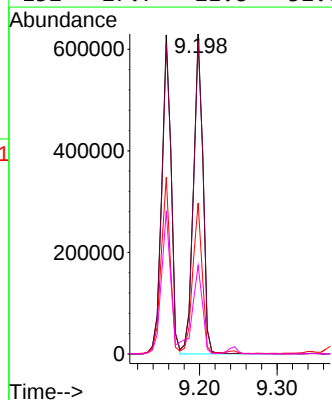
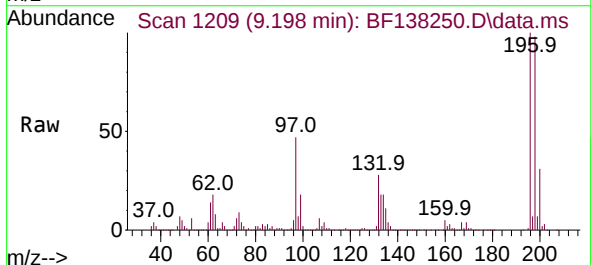
APPROVED

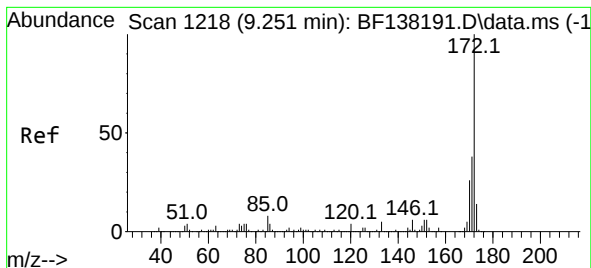
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#44
2,4,5-Trichlorophenol
Concen: 45.674 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:196 Resp: 535706
Ion Ratio Lower Upper
196 100
198 97.7 80.4 120.6
97 47.2 37.4 56.2
132 27.7 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 67.586 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

Tgt Ion:172 Resp: 248094

Ion Ratio Lower Upper

172 100

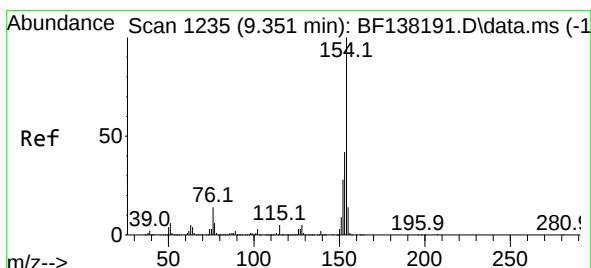
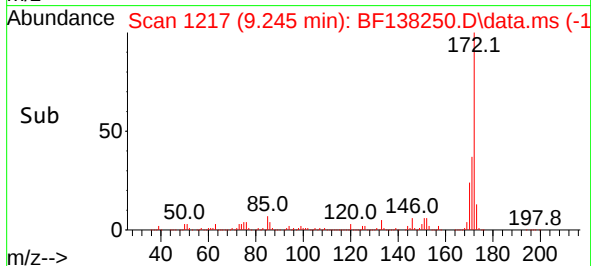
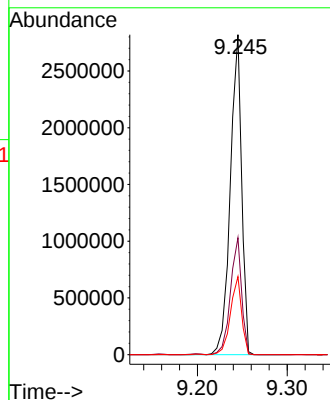
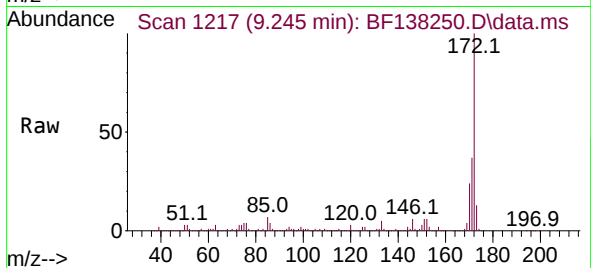
171 36.5 30.3 45.5

170 24.4 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#46

1,1'-Biphenyl

Concen: 42.868 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

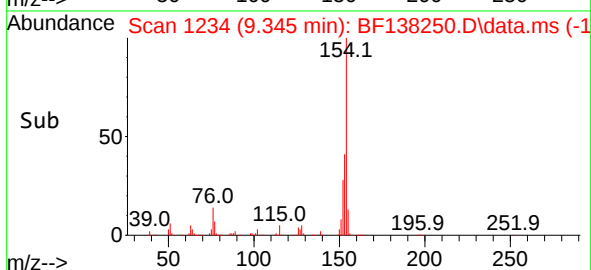
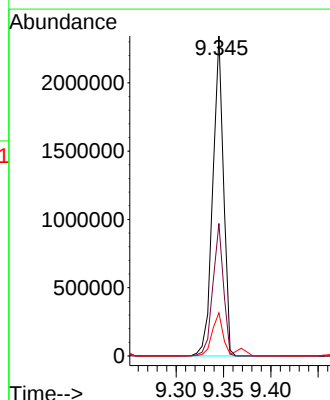
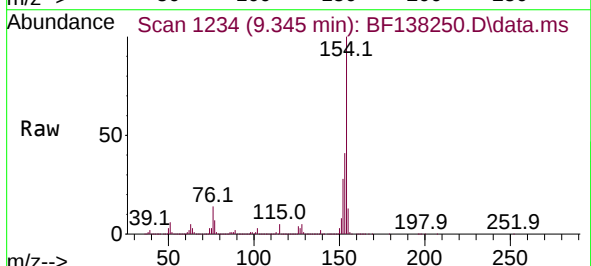
Tgt Ion:154 Resp: 1836089

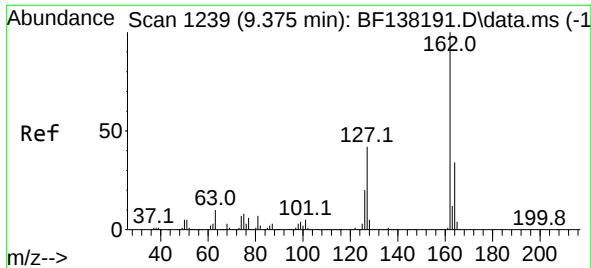
Ion Ratio Lower Upper

154 100

153 41.4 22.1 62.1

76 13.5 0.0 34.3





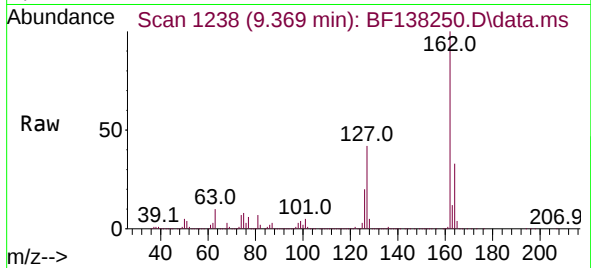
#47
2-Chloronaphthalene
Concen: 44.390 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

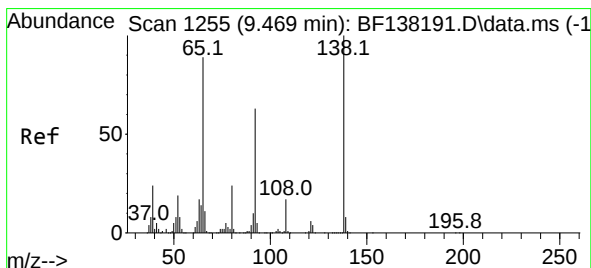
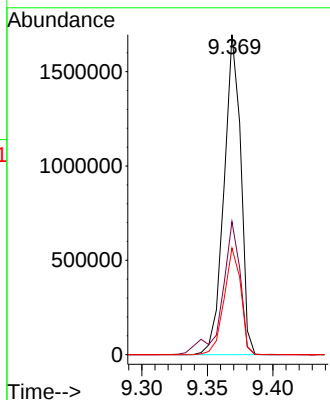
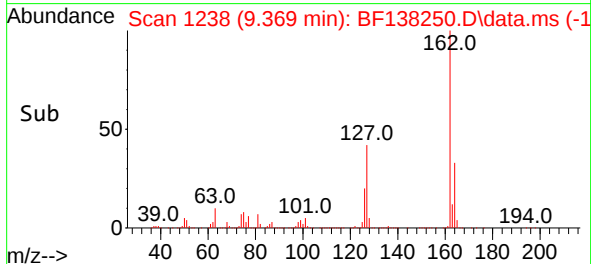


Tgt Ion:162 Resp: 150261
Ion Ratio Lower Upper
162 100
127 41.6 33.6 50.4
164 33.3 27.2 40.8

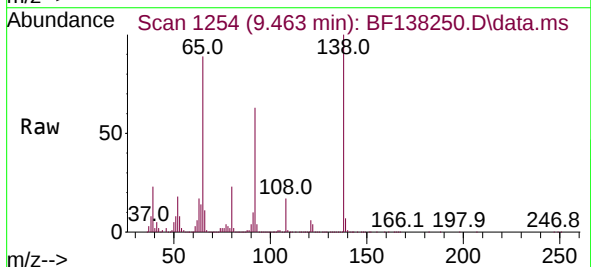
Manual Integrations

APPROVED

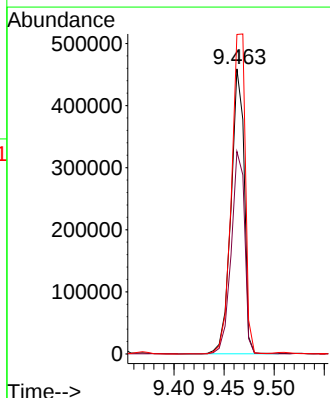
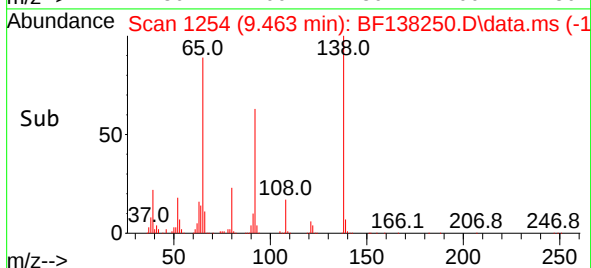
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

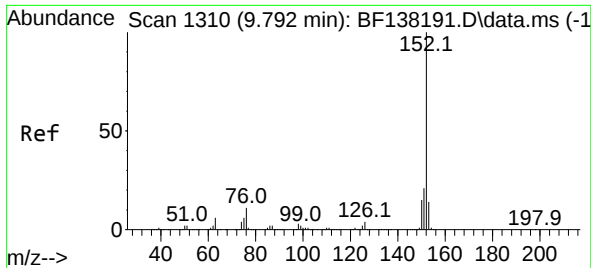


#48
2-Nitroaniline
Concen: 51.440 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28



Tgt Ion: 65 Resp: 419344
Ion Ratio Lower Upper
65 100
92 71.0 56.6 85.0
138 112.1 90.1 135.1





#49

Acenaphthylene

Concen: 46.267 ng

RT: 9.786 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

Tgt Ion:152 Resp: 219611

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

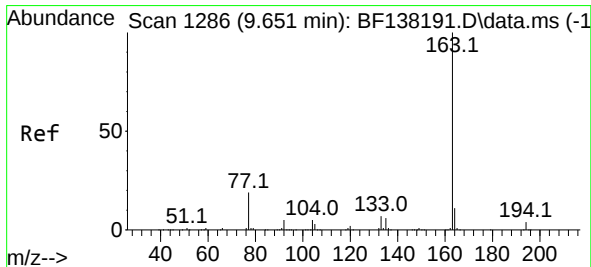
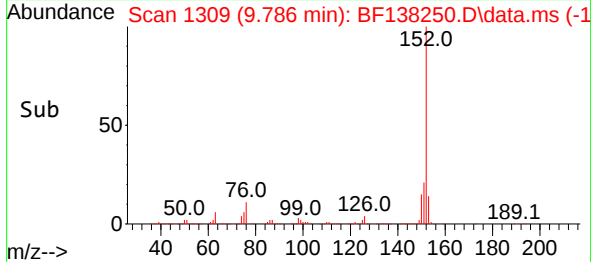
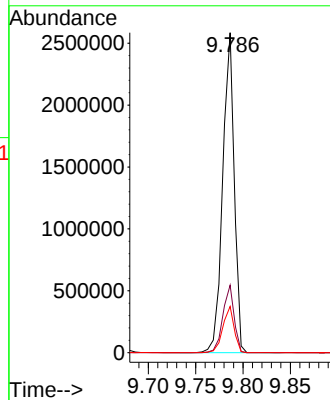
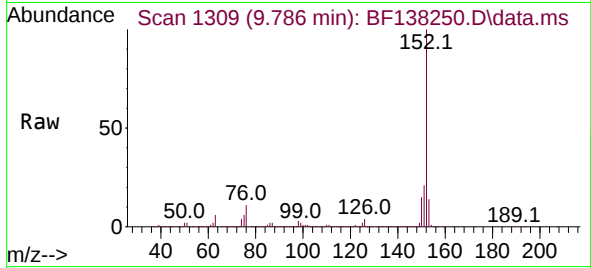
153 14.4 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024

Supervised By :mohammad ahmed 06/21/2024



#50

Dimethylphthalate

Concen: 50.340 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

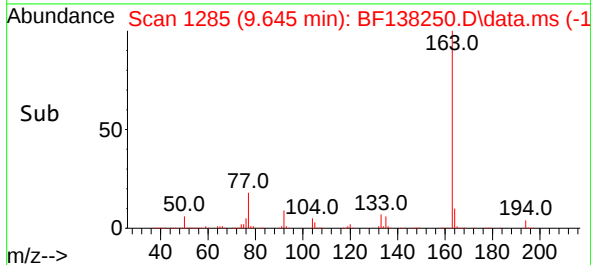
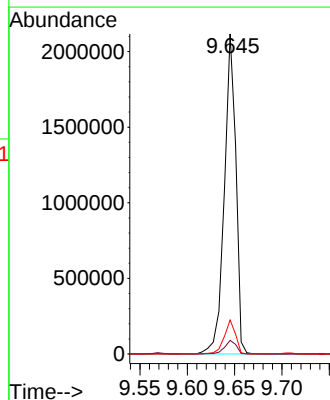
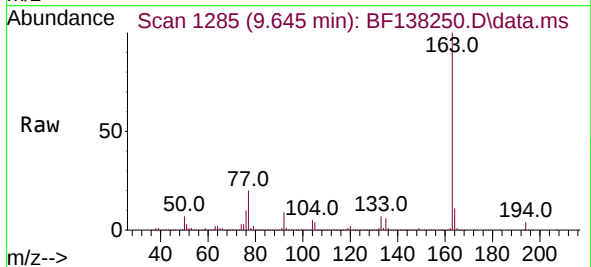
Tgt Ion:163 Resp: 1800361

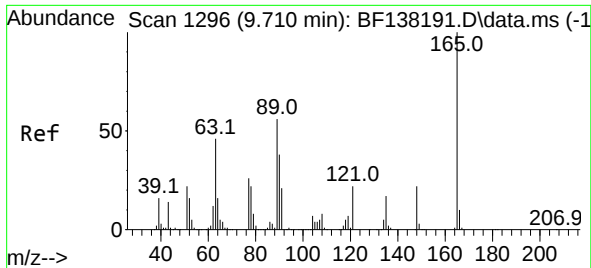
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.6 8.5 12.7





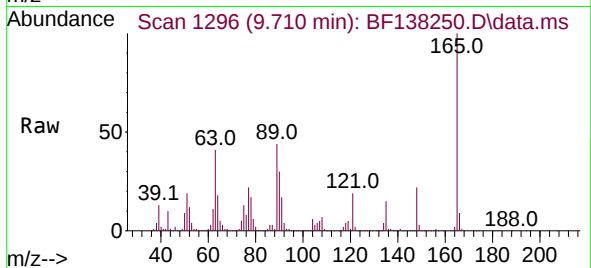
#51
2,6-Dinitrotoluene
Concen: 50.377 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

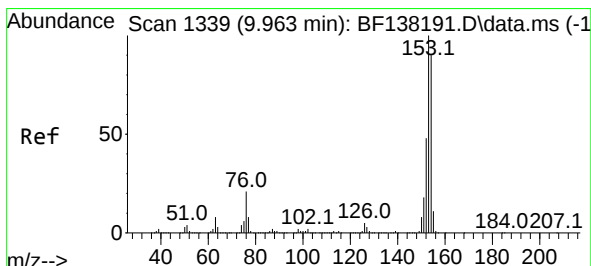
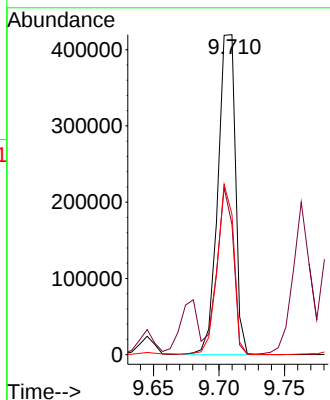
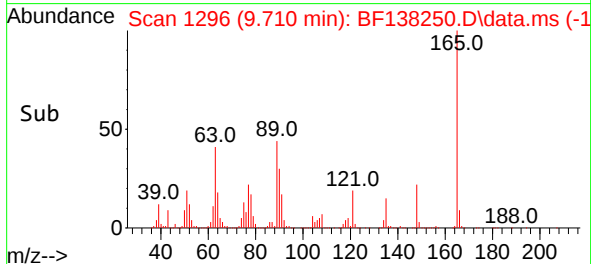


Tgt Ion:165 Resp: 39086
Ion Ratio Lower Upper
165 100
63 40.7 43.7 65.5
89 43.8 44.9 67.3

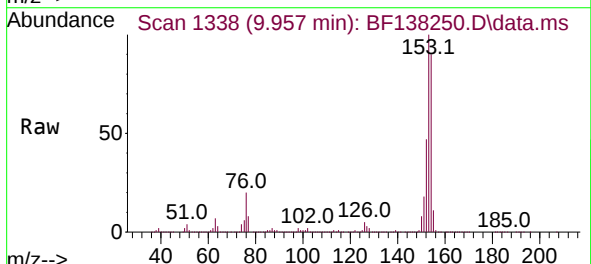
Manual Integrations

APPROVED

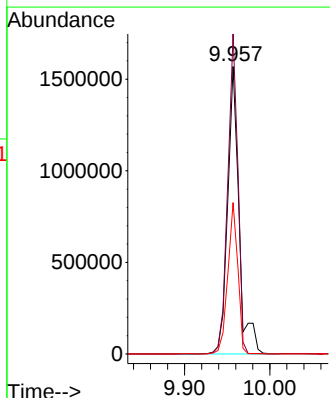
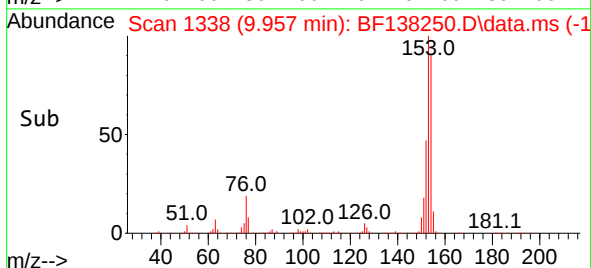
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

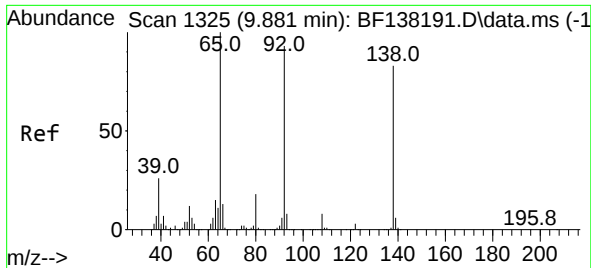


#52
Acenaphthene
Concen: 45.196 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28



Tgt Ion:154 Resp: 1462883
Ion Ratio Lower Upper
154 100
153 111.3 89.1 133.7
152 52.7 42.4 63.6





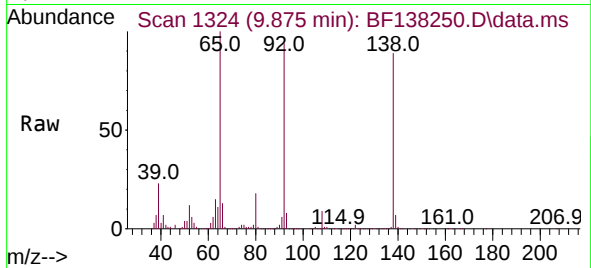
#53
3-Nitroaniline
Concen: 31.764 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

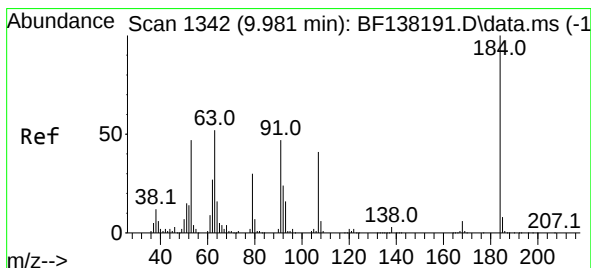
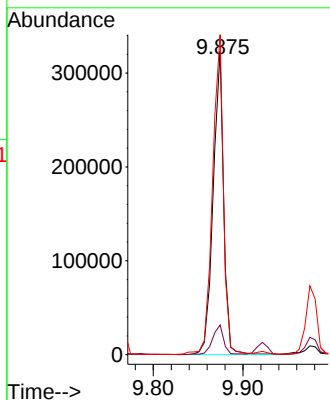
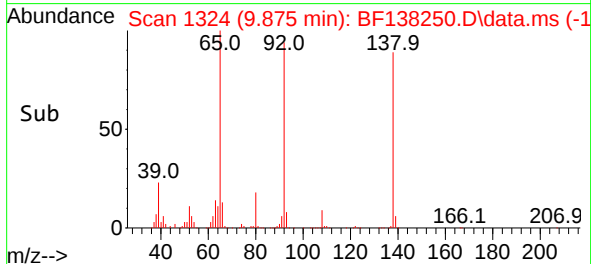


Tgt Ion:138 Resp: 263279
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.2
92 105.4 90.0 135.0

Manual Integrations

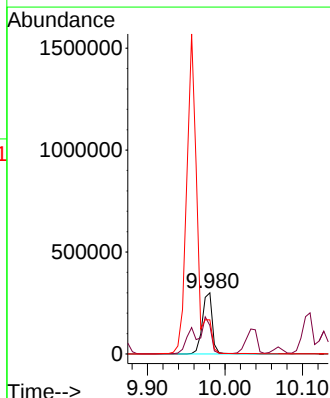
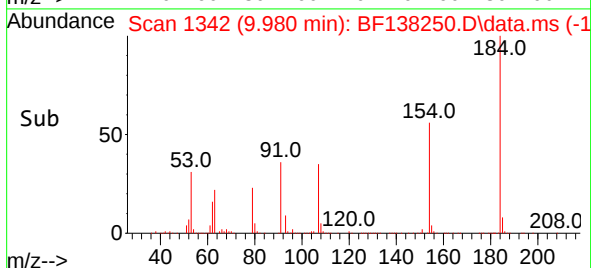
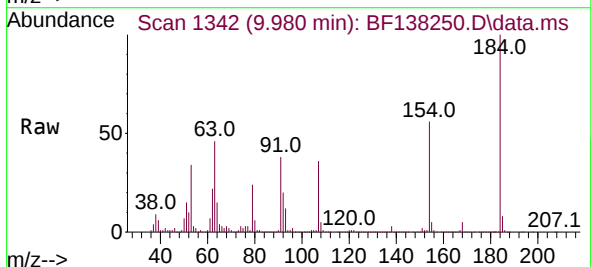
APPROVED

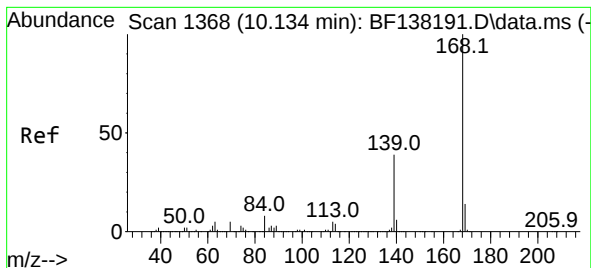
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#54
2,4-Dinitrophenol
Concen: 71.660 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

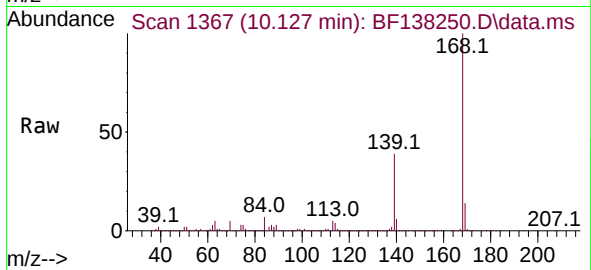
Tgt Ion:184 Resp: 270862
Ion Ratio Lower Upper
184 100
63 46.5 49.2 73.8#
154 55.8 46.7 70.1





#55
Dibenzenofuran
Concen: 42.991 ng
RT: 10.127 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

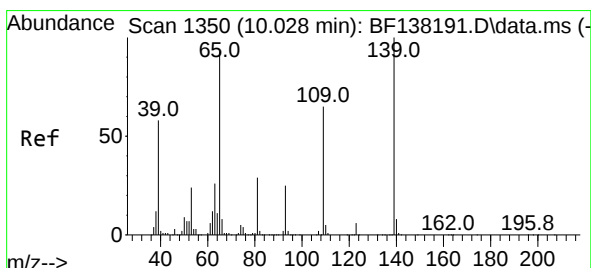
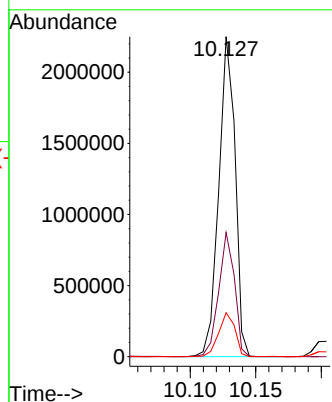
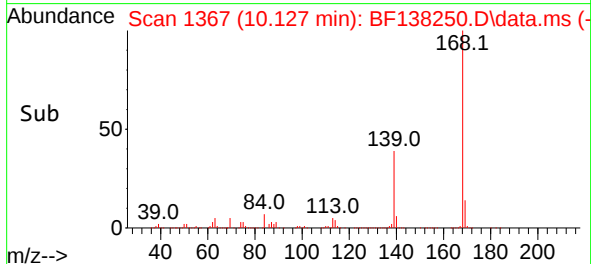
Instrument :
BNA_F
ClientSampleId :
WCS-TPEMS



Tgt Ion:168 Resp: 1945249
Ion Ratio Lower Upper
168 100
139 38.8 31.0 46.4
169 13.8 11.4 17.0

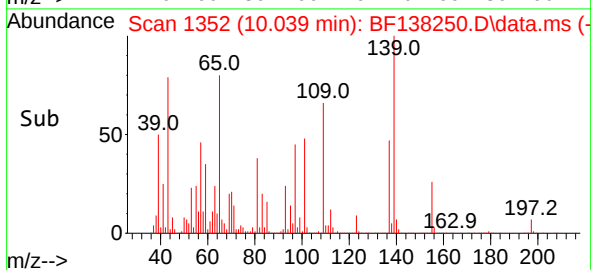
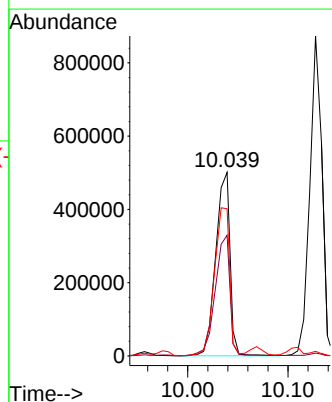
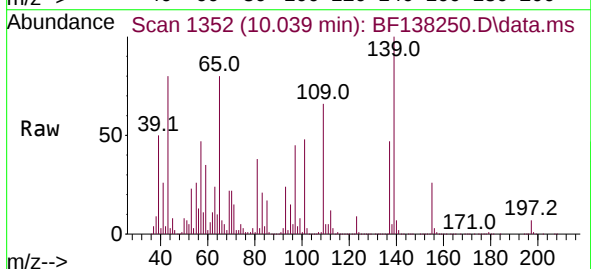
Manual Integrations
APPROVED

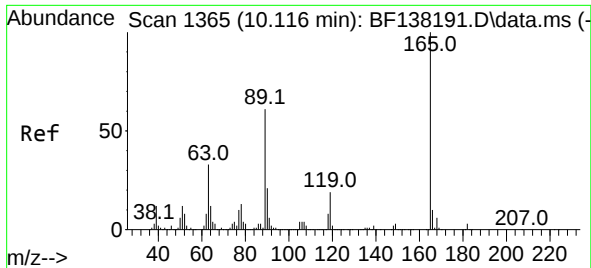
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#56
4-Nitrophenol
Concen: 75.802 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.012 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:139 Resp: 496507
Ion Ratio Lower Upper
139 100
109 65.8 44.6 84.6
65 80.2 73.1 113.1





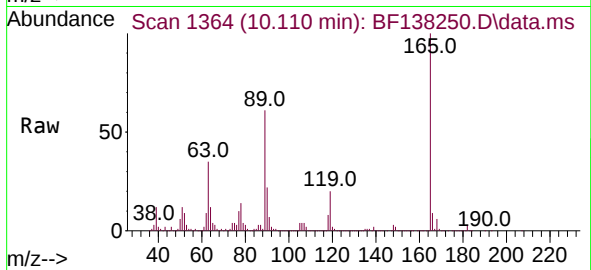
#57
2,4-Dinitrotoluene
Concen: 49.202 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

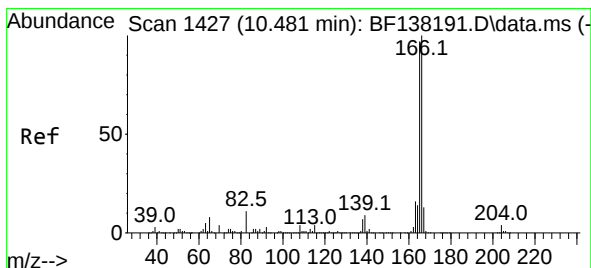
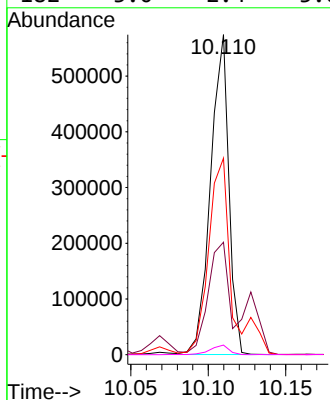
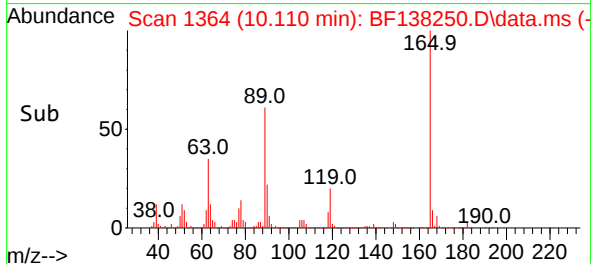


Tgt Ion:165 Resp: 47084
Ion Ratio Lower Upper
165 100
63 35.2 26.6 39.8
89 61.4 48.7 73.1
182 3.0 2.4 3.6

Manual Integrations

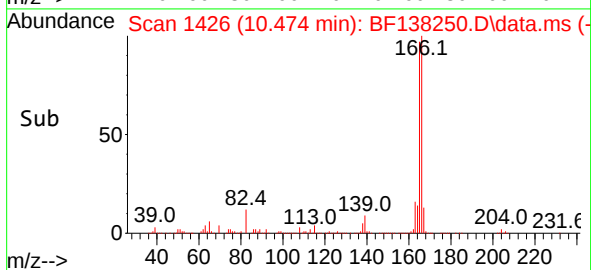
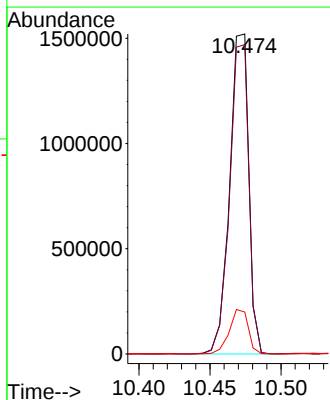
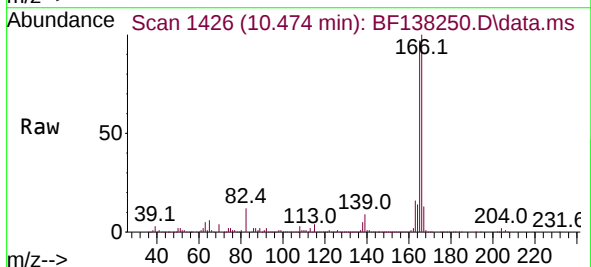
APPROVED

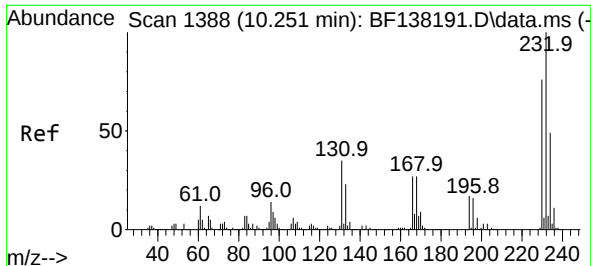
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#58
Fluorene
Concen: 40.115 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:166 Resp: 1427126
Ion Ratio Lower Upper
166 100
165 96.7 77.9 116.9
167 13.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.916 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

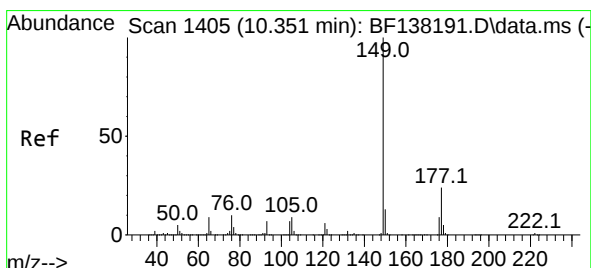
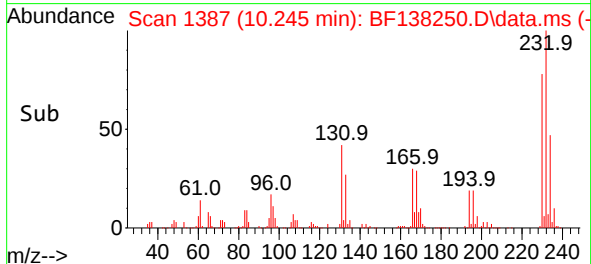
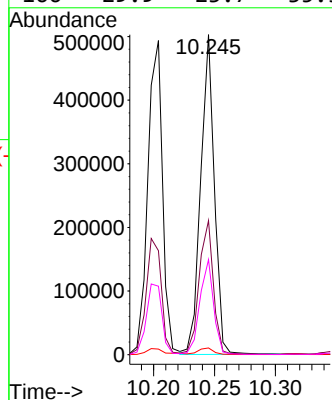
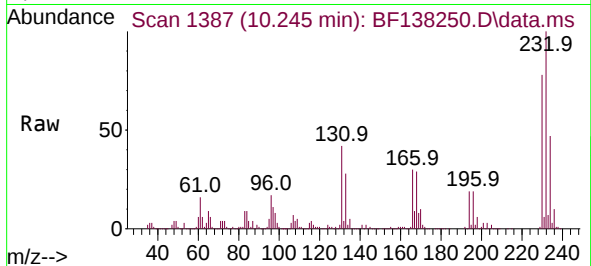
WCS-TPEMS

Tgt Ion:232 Resp: 393381
Ion Ratio Lower Upper
232 100
131 43.5 33.6 50.4
130 2.4 1.7 2.5
166 29.9 23.7 35.5

Manual Integrations

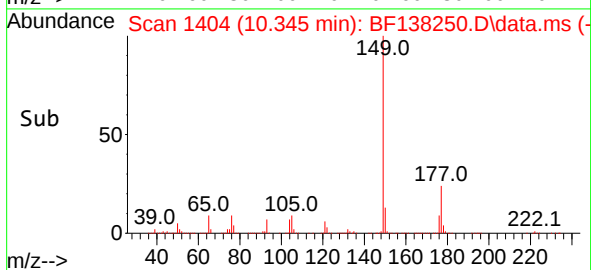
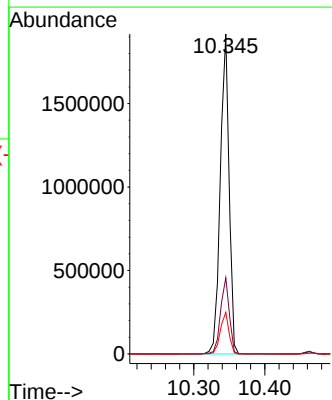
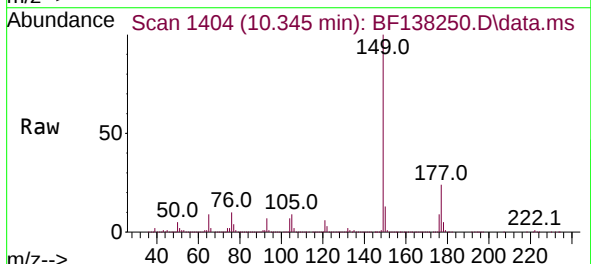
APPROVED

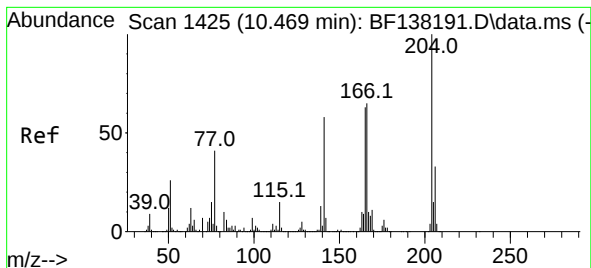
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#60
Diethylphthalate
Concen: 48.252 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

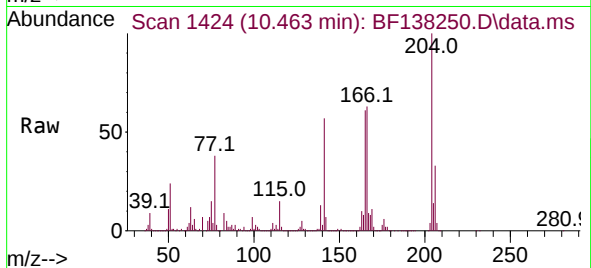
Tgt Ion:149 Resp: 1637852
Ion Ratio Lower Upper
149 100
177 23.8 19.4 29.0
150 13.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.308 ng
RT: 10.463 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

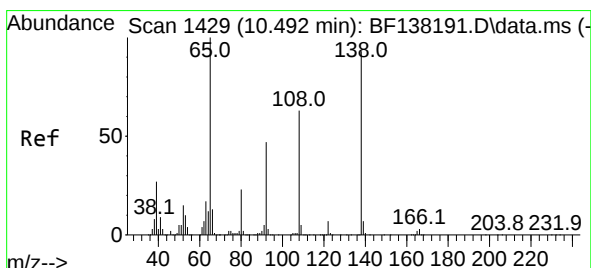
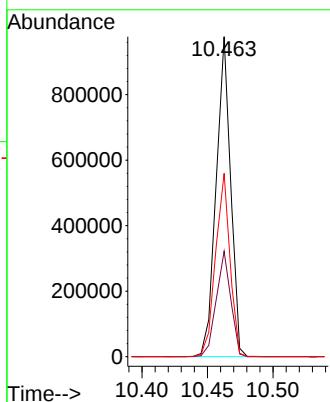
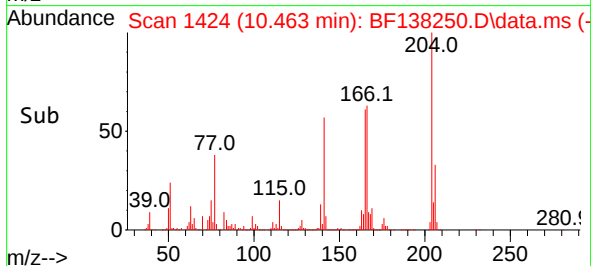
Instrument :
BNA_F
ClientSampleId :
WCS-TPEMS



Tgt Ion:204 Resp: 749615
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 57.3 46.3 69.5

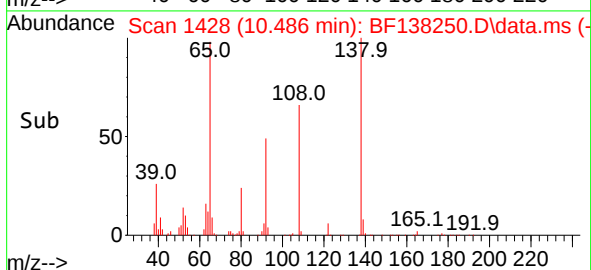
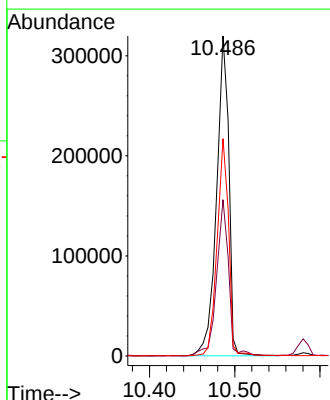
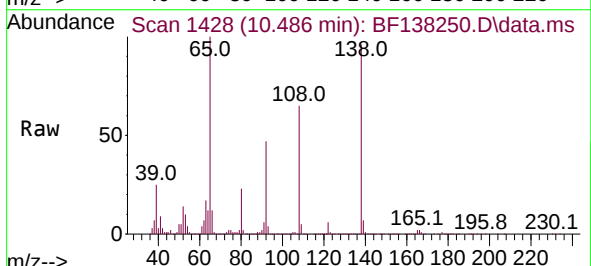
Manual Integrations
APPROVED

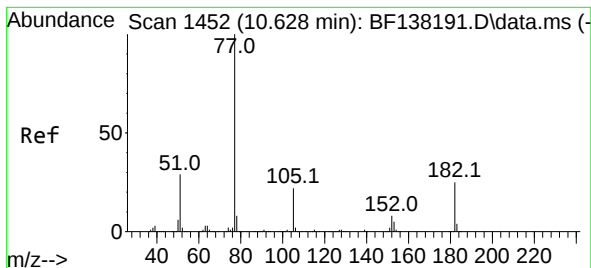
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#62
4-Nitroaniline
Concen: 38.611 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:138 Resp: 319750
Ion Ratio Lower Upper
138 100
92 48.8 30.9 70.9
108 67.9 47.8 87.8





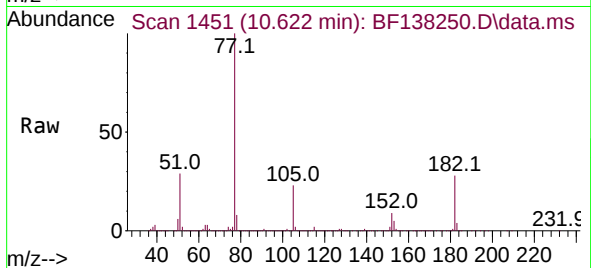
#63
Azobenzene
Concen: 42.195 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

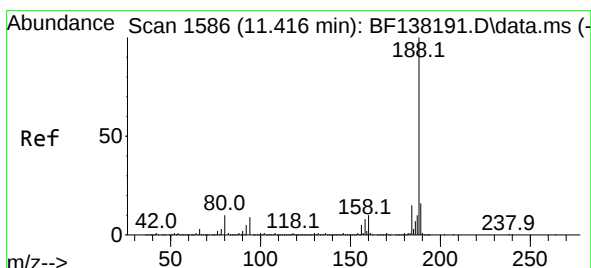
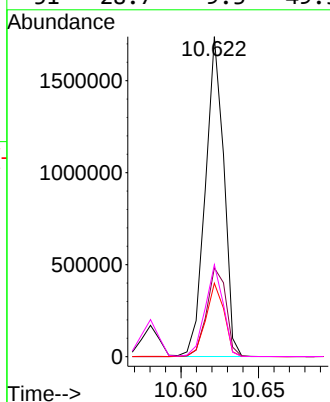
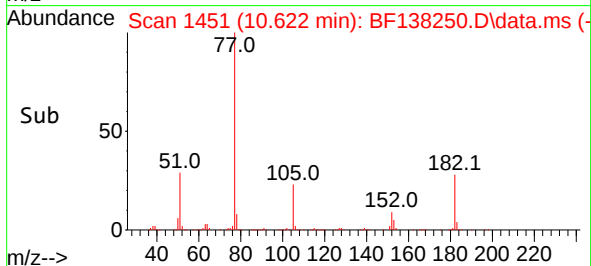


Tgt Ion: 77 Resp: 143489
Ion Ratio Lower Upper
77 100
182 27.7 5.5 45.5
105 22.9 1.8 41.8
51 28.7 9.3 49.3

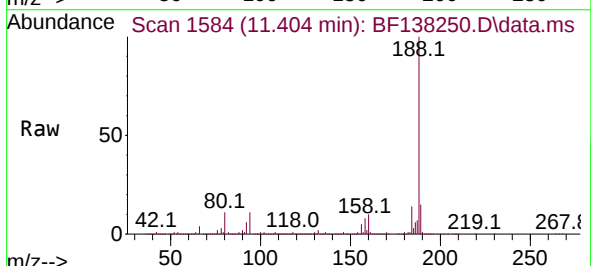
Manual Integrations

APPROVED

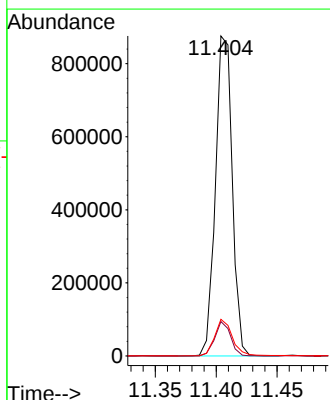
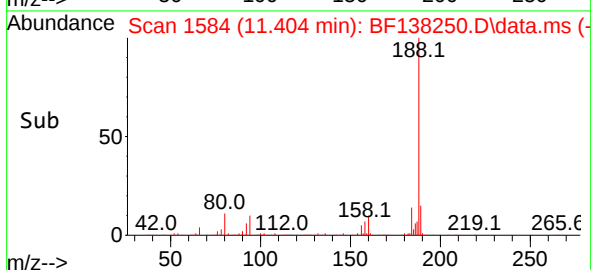
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

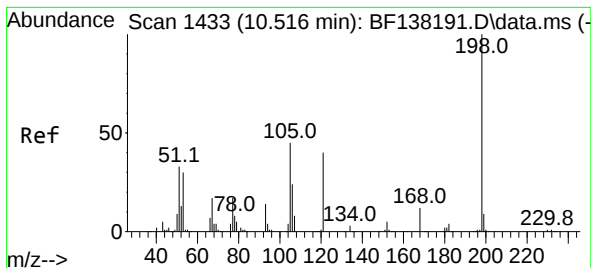


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28



Tgt Ion:188 Resp: 844336
Ion Ratio Lower Upper
188 100
94 10.7 7.6 11.4
80 11.5 8.1 12.1





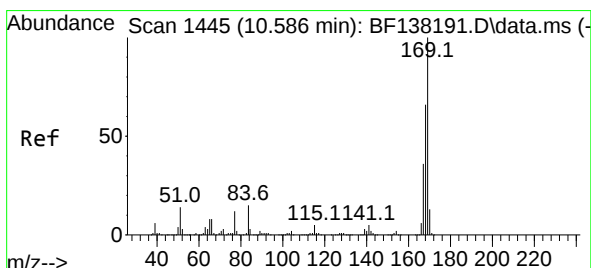
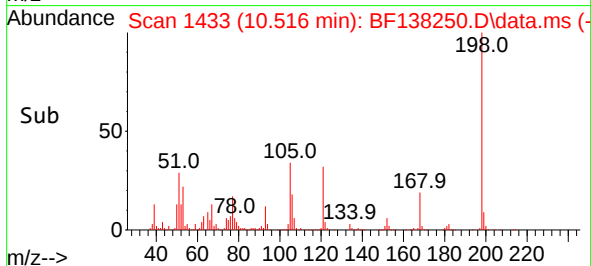
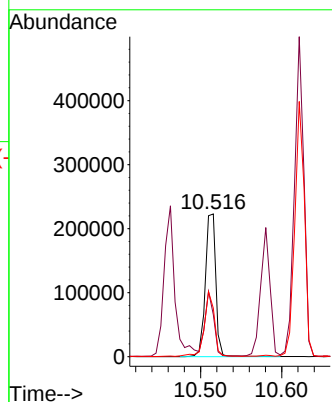
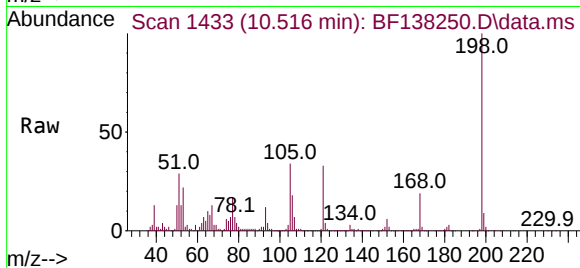
#65
4,6-Dinitro-2-methylphenol
Concen: 46.550 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :
BNA_F
ClientSampleId :
WCS-TPEMS

Tgt Ion:198 Resp: 19922
Ion Ratio Lower Upper
198 100
51 29.4 26.9 66.9
105 33.9 26.0 66.0

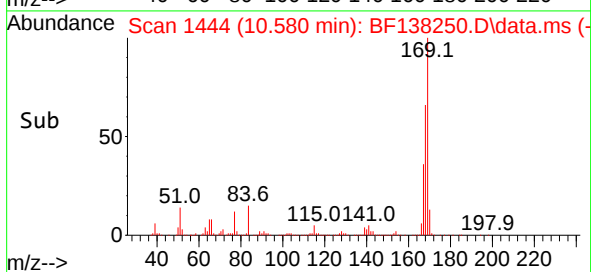
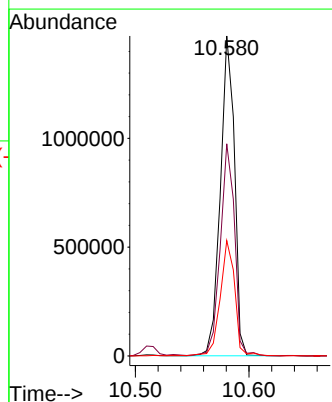
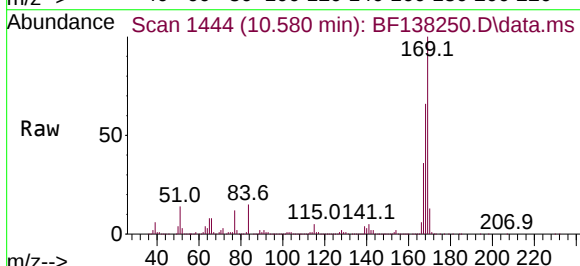
Manual Integrations
APPROVED

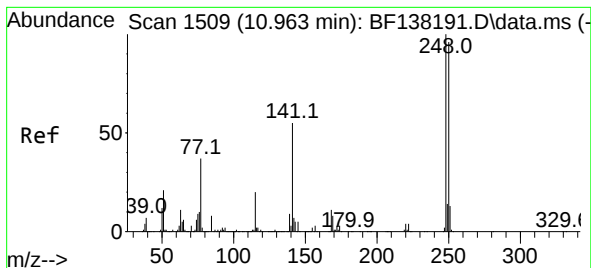
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#66
n-Nitrosodiphenylamine
Concen: 49.195 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

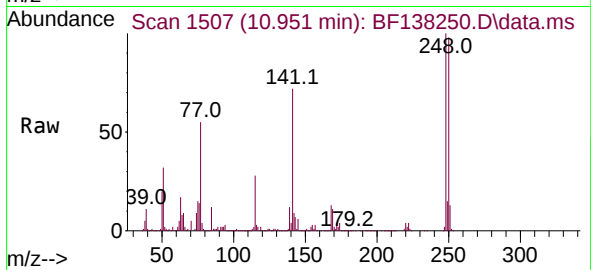
Tgt Ion:169 Resp: 1271661
Ion Ratio Lower Upper
169 100
168 66.3 52.9 79.3
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.759 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.012 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

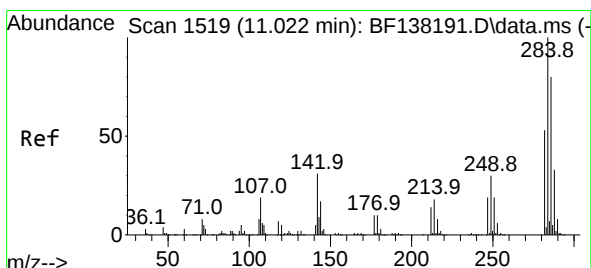
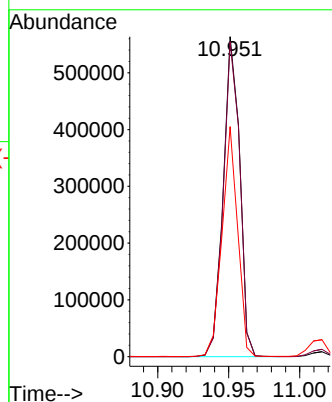
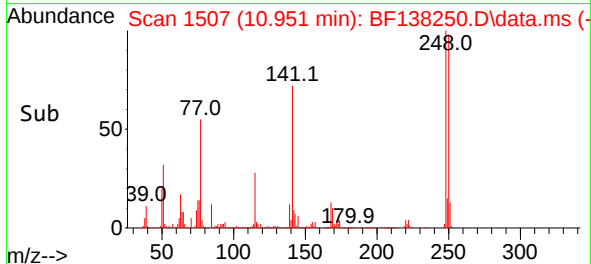
Instrument :
BNA_F
ClientSampleId :
WCS-TPEMS



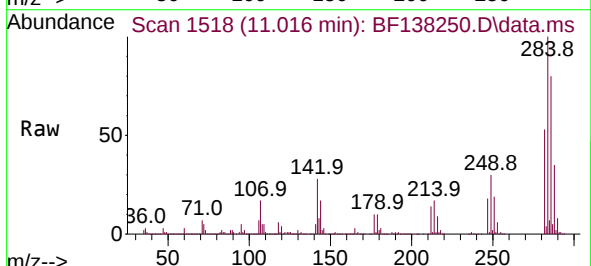
Tgt Ion:248 Resp: 454389
Ion Ratio Lower Upper
248 100
250 98.5 77.2 115.8
141 71.9 44.1 66.1

Manual Integrations
APPROVED

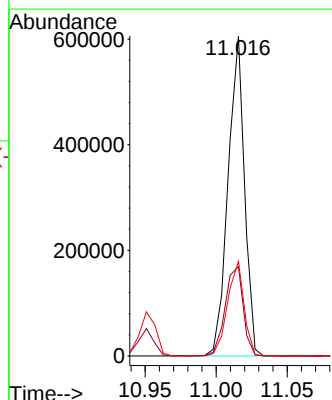
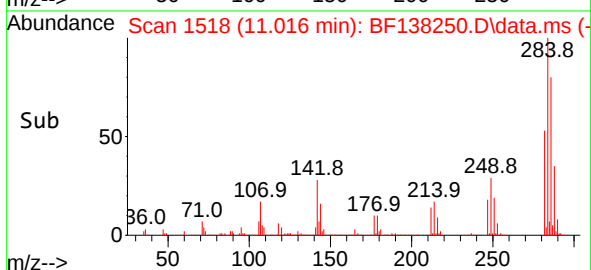
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

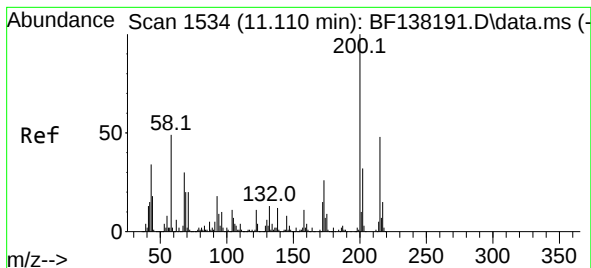


#68
Hexachlorobenzene
Concen: 43.950 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28



Tgt Ion:284 Resp: 487983
Ion Ratio Lower Upper
284 100
142 28.0 24.8 37.2
249 29.6 23.8 35.6





#69

Atrazine

Concen: 51.169 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

Tgt Ion:200 Resp: 37674

Ion Ratio Lower Upper

200 100

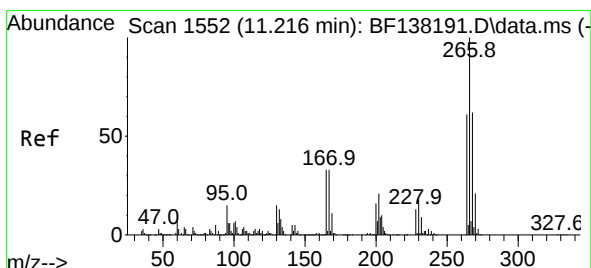
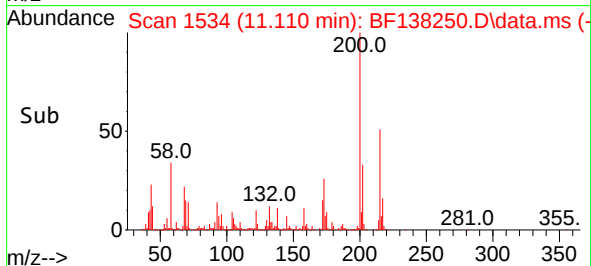
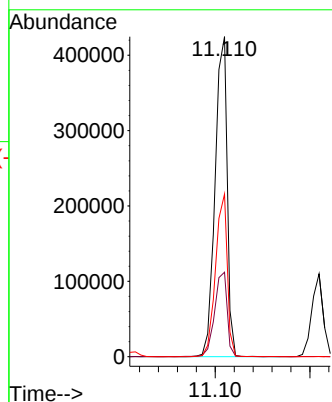
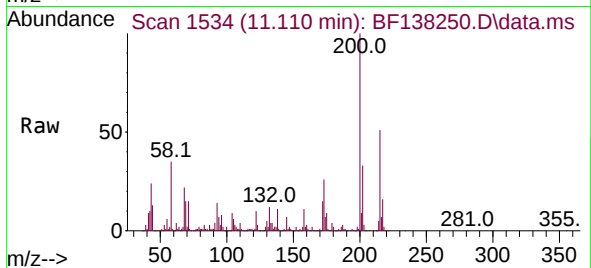
173 26.4 6.3 46.3

215 50.8 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#70

Pentachlorophenol

Concen: 82.950 ng

RT: 11.210 min Scan# 1551

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

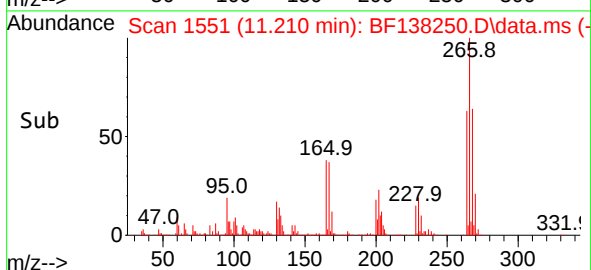
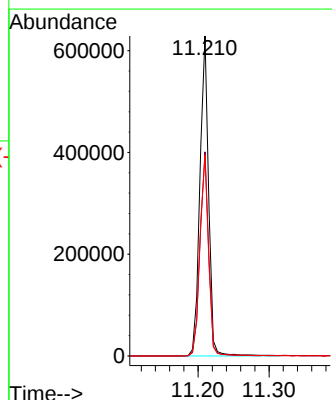
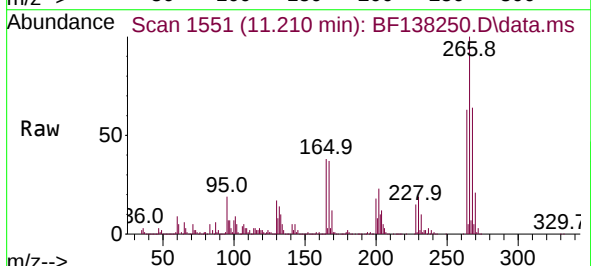
Tgt Ion:266 Resp: 537134

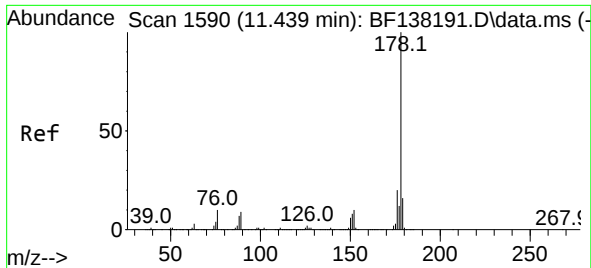
Ion Ratio Lower Upper

266 100

268 63.8 49.5 74.3

264 62.8 49.2 73.8





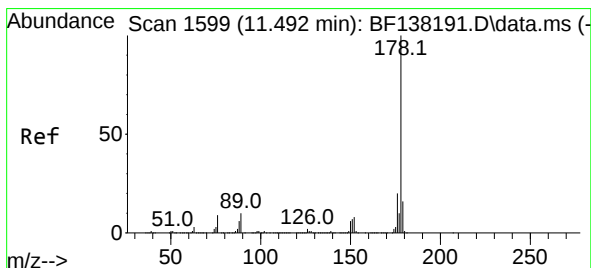
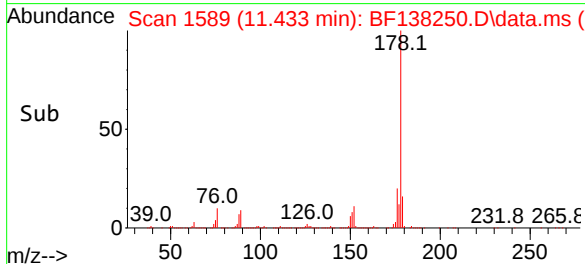
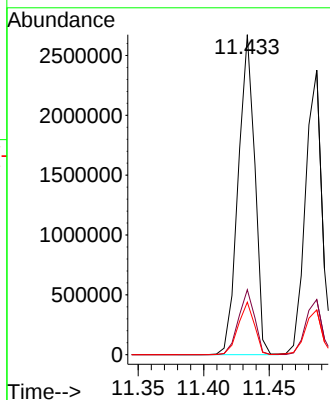
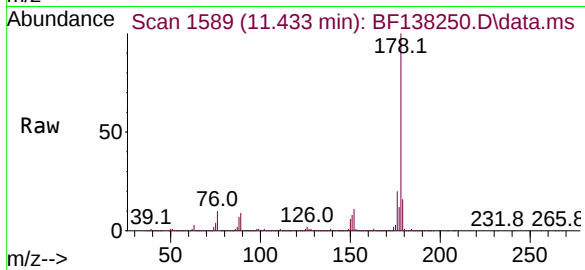
#71
Phenanthrene
Concen: 56.417 ng
RT: 11.433 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :
BNA_F
ClientSampleId :
WCS-TPEMS

Tgt Ion:178 Resp: 235570
Ion Ratio Lower Upper
178 100
176 20.3 16.4 24.6
179 16.4 13.1 19.7

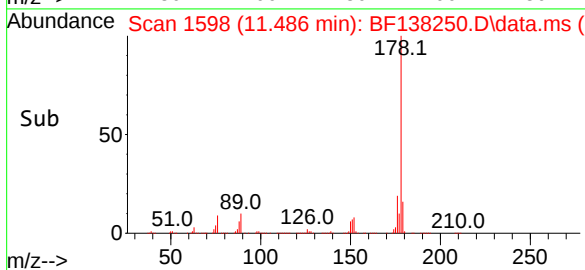
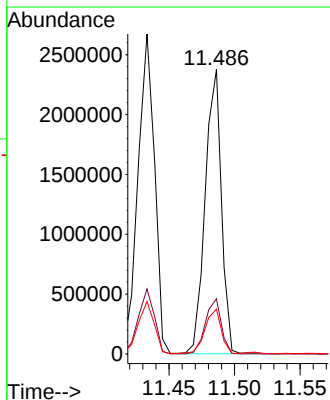
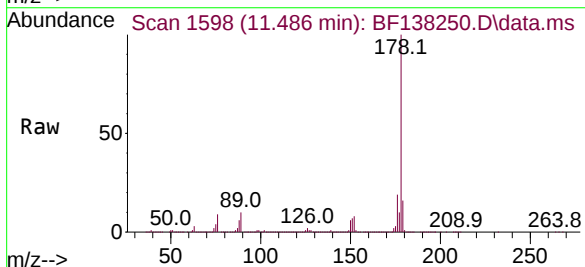
Manual Integrations
APPROVED

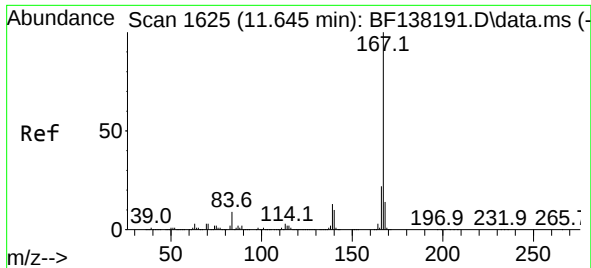
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#72
Anthracene
Concen: 49.397 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

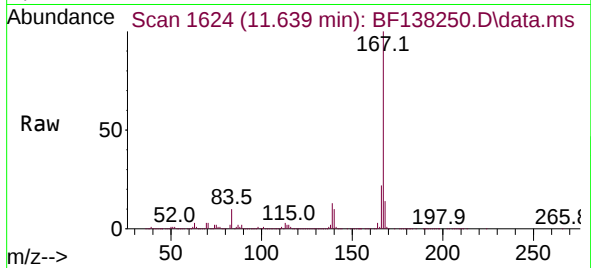
Tgt Ion:178 Resp: 2047868
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.8 13.0 19.6





#73
Carbazole
Concen: 43.853 ng
RT: 11.639 min Scan# 166745
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

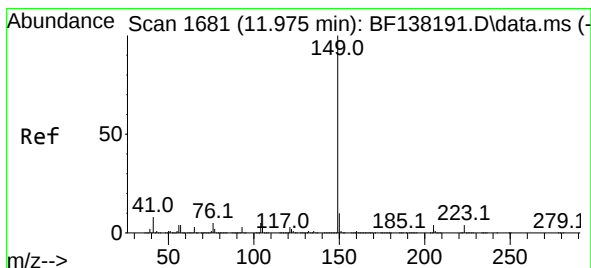
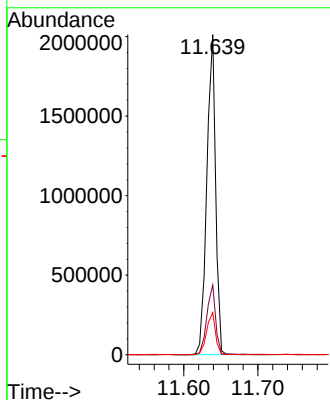
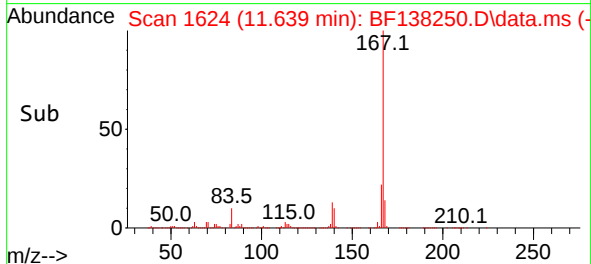
Instrument :
BNA_F
ClientSampleId :
WCS-TPEMS



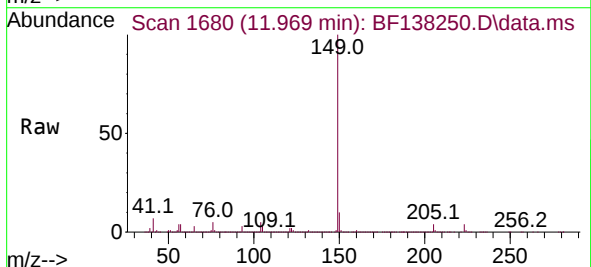
Tgt Ion:167 Resp: 166745
Ion Ratio Lower Upper
167 100
166 21.8 18.0 27.0
139 13.1 10.6 16.0

Manual Integrations
APPROVED

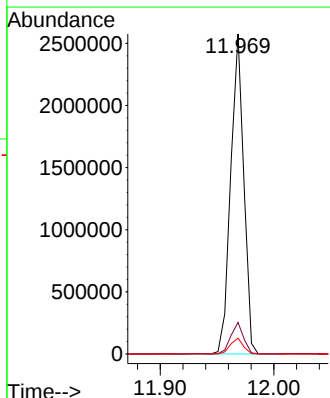
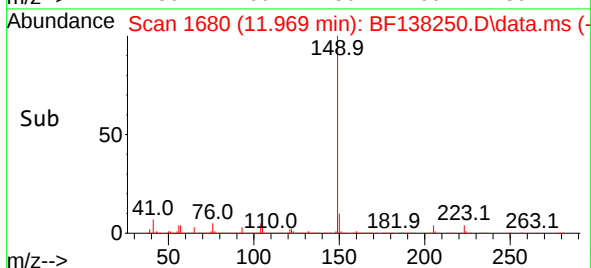
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

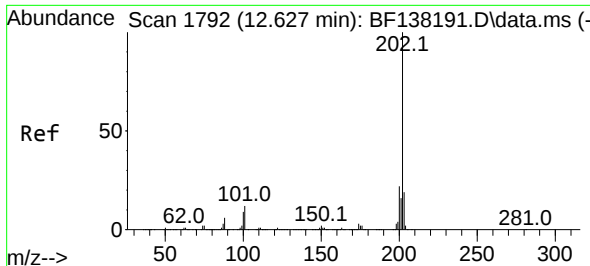


#74
Di-n-butylphthalate
Concen: 52.184 ng
RT: 11.969 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28



Tgt Ion:149 Resp: 2054194
Ion Ratio Lower Upper
149 100
150 9.9 8.2 12.2
104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 59.706 ng
RT: 12.621 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

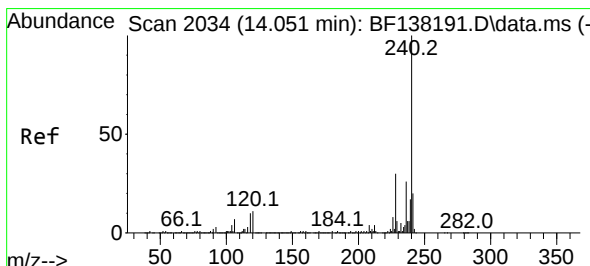
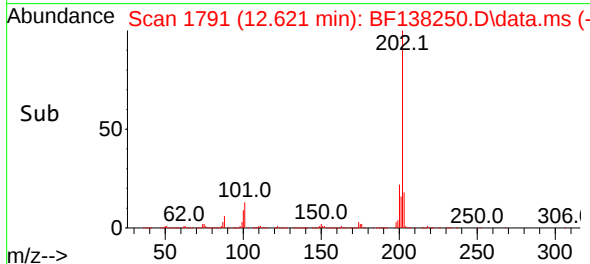
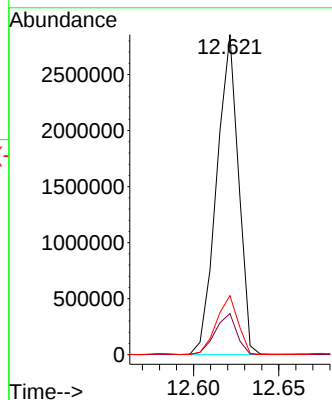
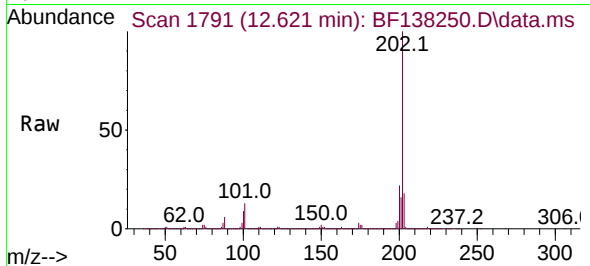
WCS-TPEMS

Tgt Ion:202 Resp: 2542204
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.8
203 18.4 0.0 38.6

Manual Integrations

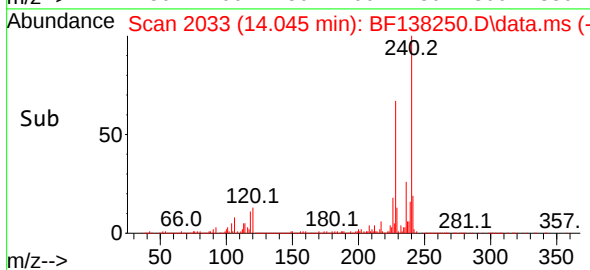
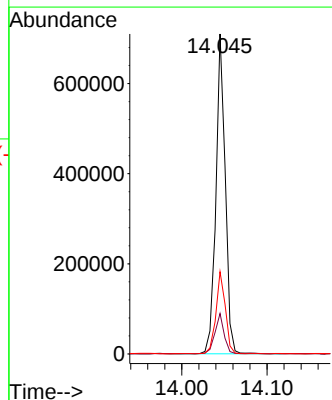
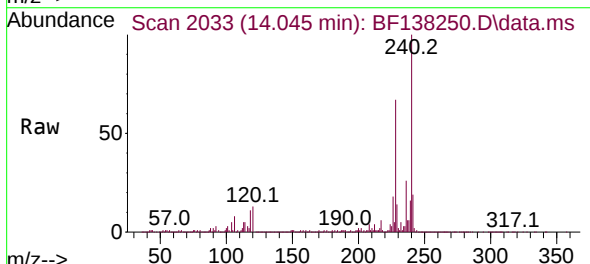
APPROVED

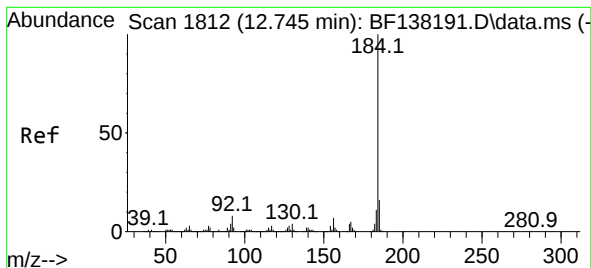
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:240 Resp: 543635
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 25.7 21.0 31.6





#77

Benzidine

Concen: 101.277 ng

RT: 12.739 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

Tgt Ion:184 Resp: 636830

Ion Ratio Lower Upper

184 100

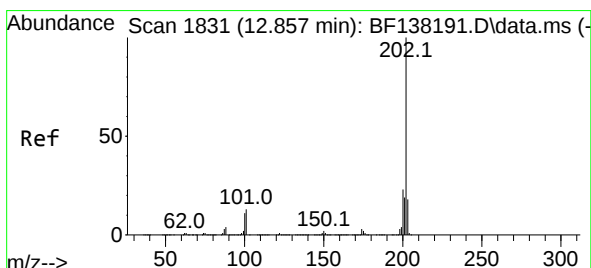
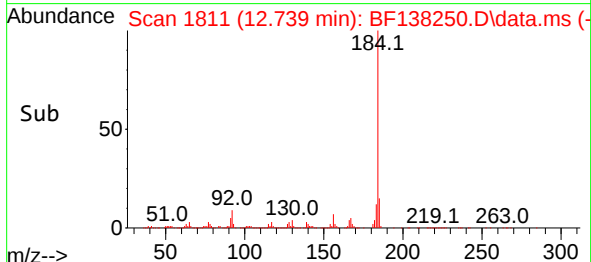
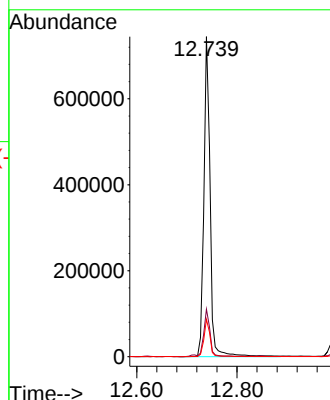
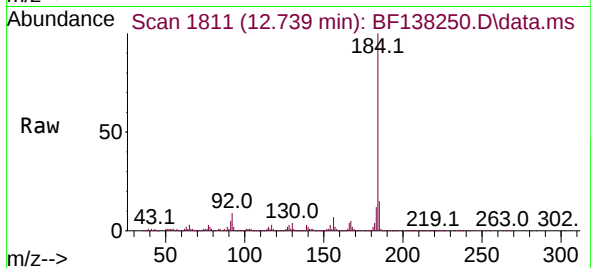
185 14.8 12.6 19.0

183 11.6 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#78

Pyrene

Concen: 54.233 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

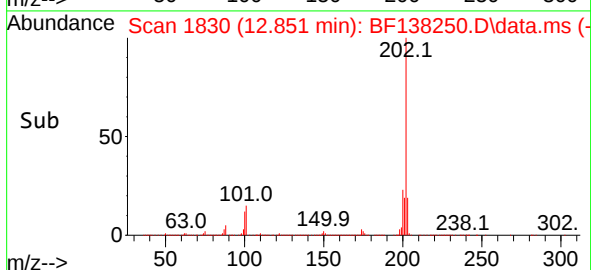
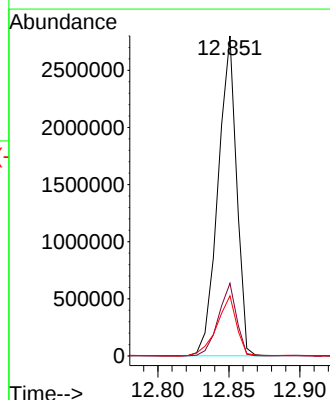
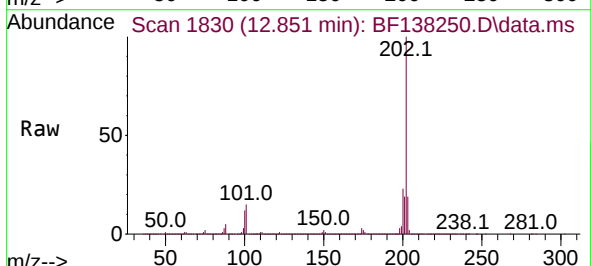
Tgt Ion:202 Resp: 2543055

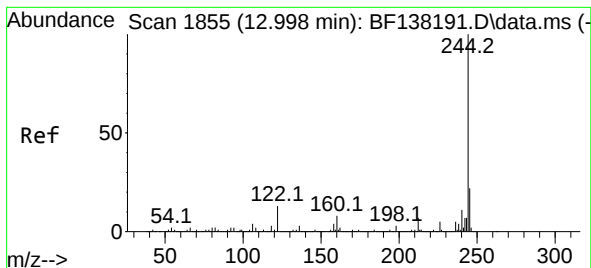
Ion Ratio Lower Upper

202 100

200 22.7 18.0 27.0

203 18.8 14.7 22.1





#79

Terphenyl-d14

Concen: 61.796 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

Tgt Ion:244 Resp: 2121100

Ion Ratio Lower Upper

244 100

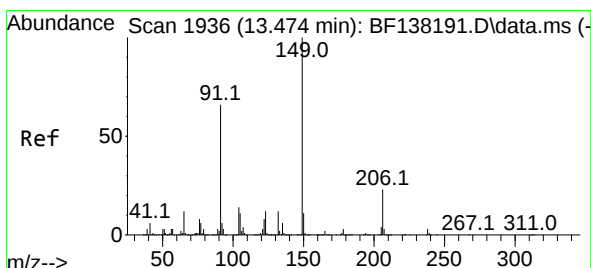
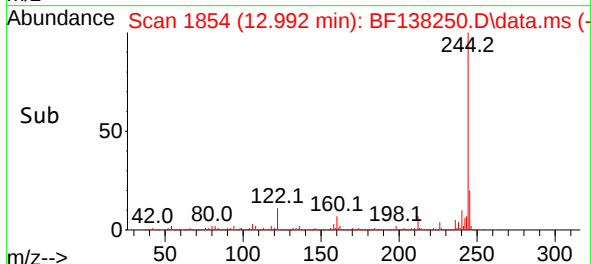
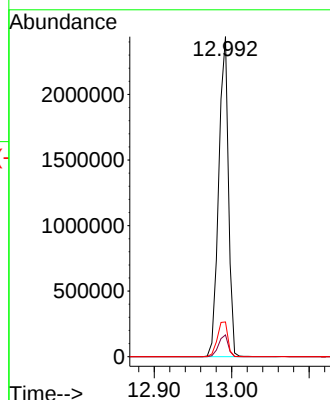
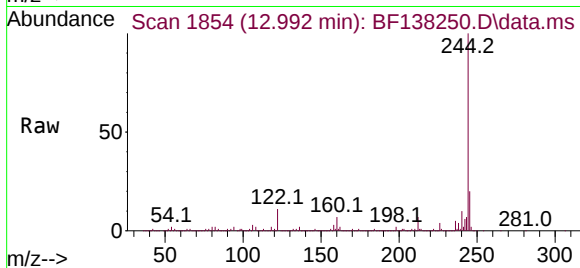
212 6.8 5.9 8.9

122 10.8 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#80

Butylbenzylphthalate

Concen: 65.441 ng

RT: 13.468 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

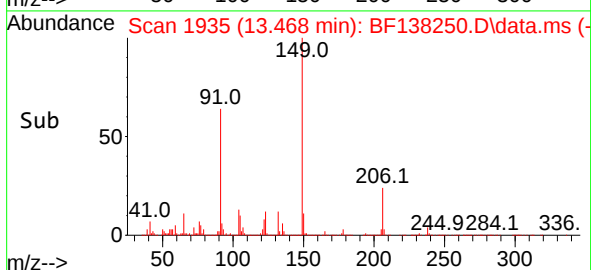
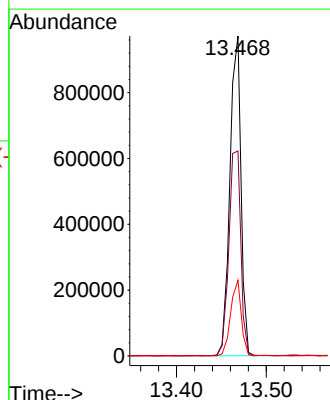
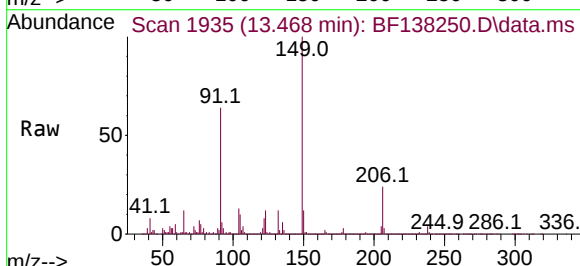
Tgt Ion:149 Resp: 834696

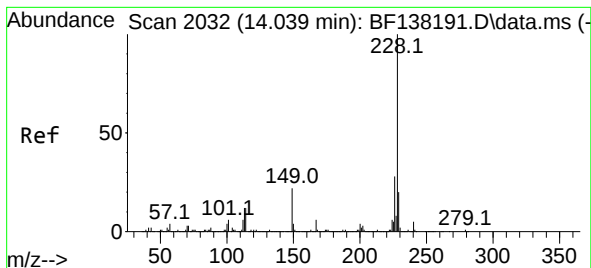
Ion Ratio Lower Upper

149 100

91 64.1 53.2 79.8

206 23.7 18.6 27.8





#81

Benzo(a)anthracene

Concen: 56.371 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

Tgt Ion:228 Resp: 1966030

Ion Ratio Lower Upper

228 100

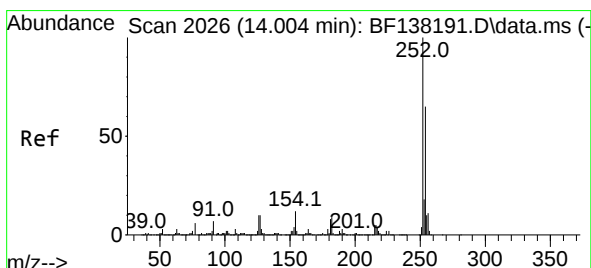
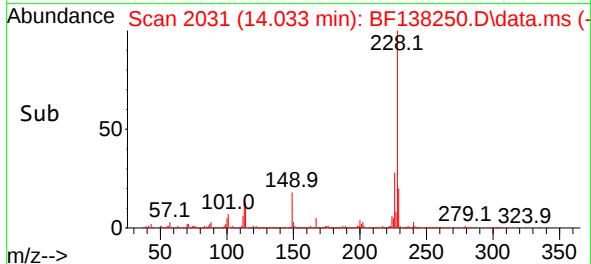
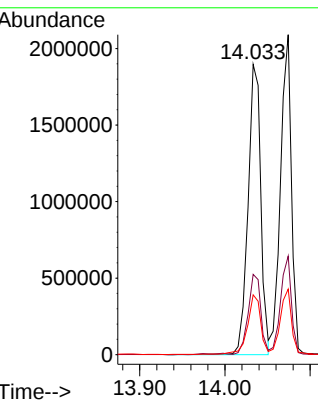
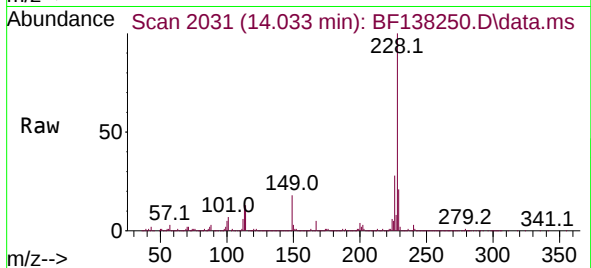
226 27.7 22.5 33.7

229 20.6 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#82

3,3'-Dichlorobenzidine

Concen: 40.059 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

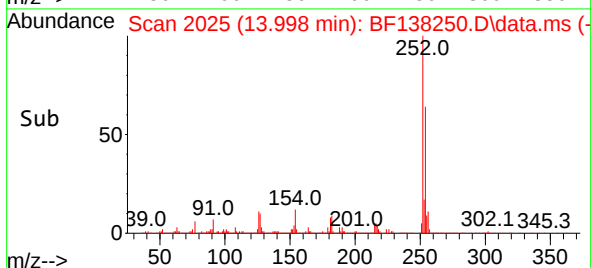
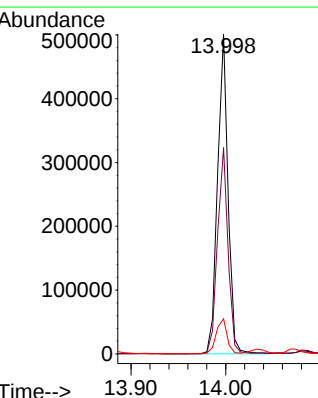
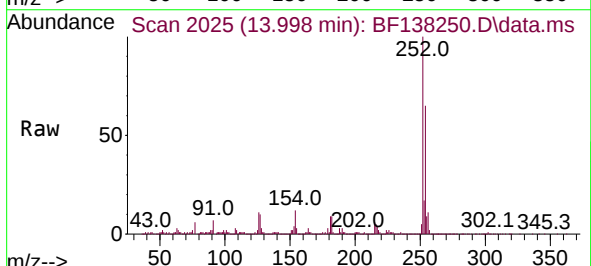
Tgt Ion:252 Resp: 384739

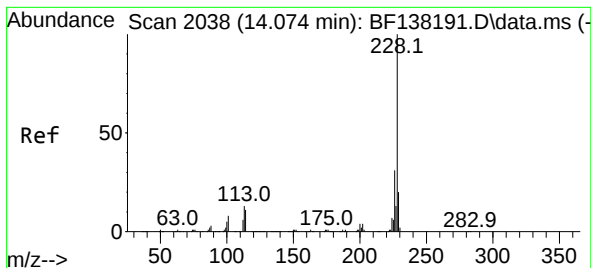
Ion Ratio Lower Upper

252 100

254 64.5 51.8 77.6

126 11.0 8.3 12.5





#83

Chrysene

Concen: 55.849 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

Tgt Ion:228 Resp: 1856640

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

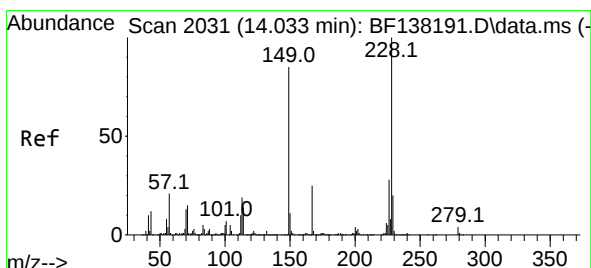
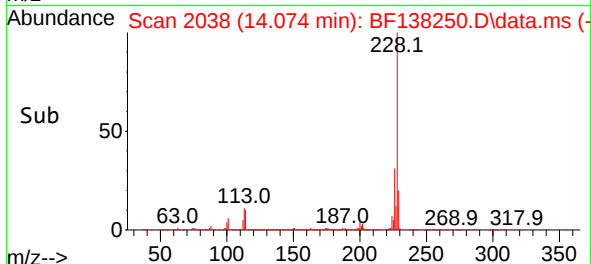
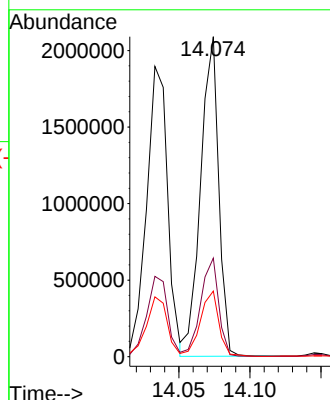
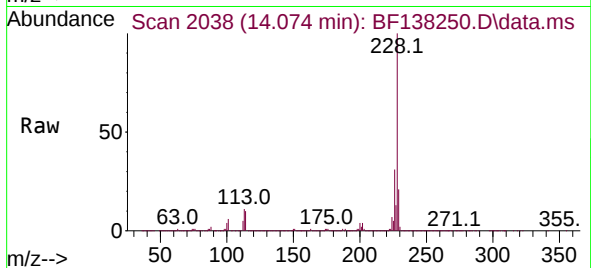
229 20.5 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024

Supervised By :mohammad ahmed 06/21/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.883 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

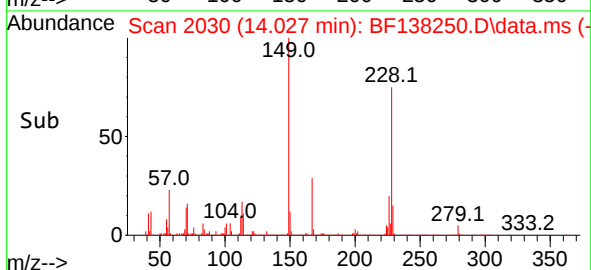
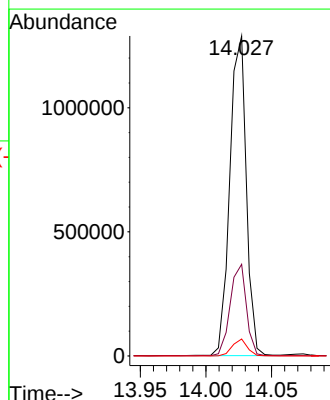
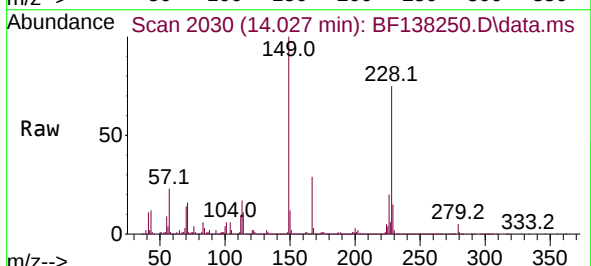
Tgt Ion:149 Resp: 1125713

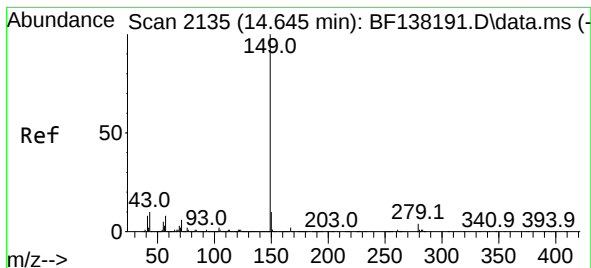
Ion Ratio Lower Upper

149 100

167 28.7 23.5 35.3

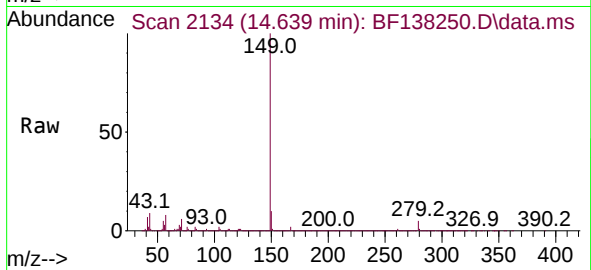
279 5.3 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 85.400 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

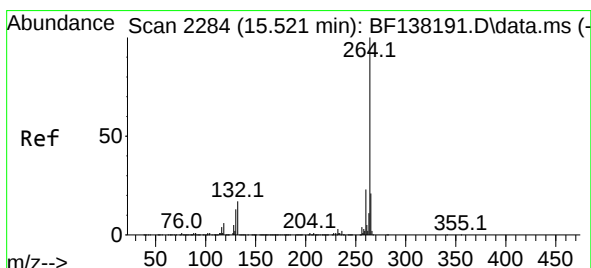
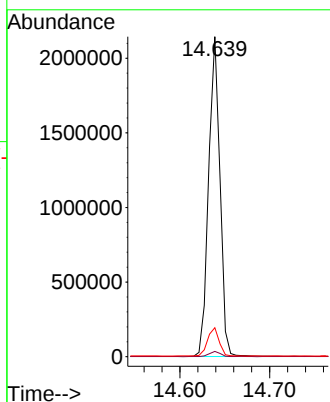
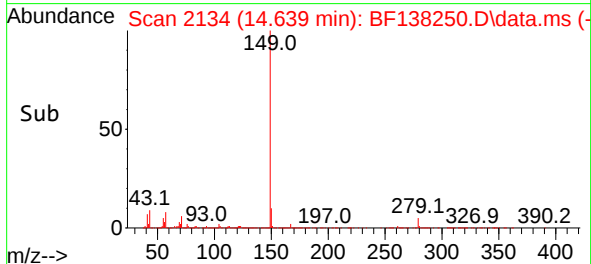
Instrument :
BNA_F
ClientSampleId :
WCS-TPEMS



Tgt Ion:149 Resp: 1882109
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.8 11.6

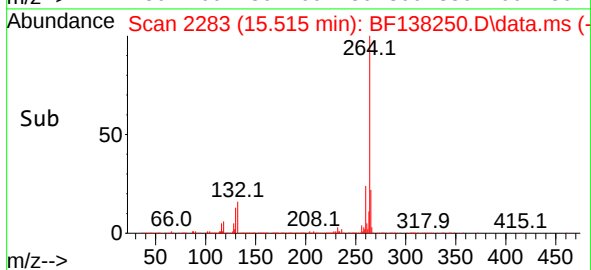
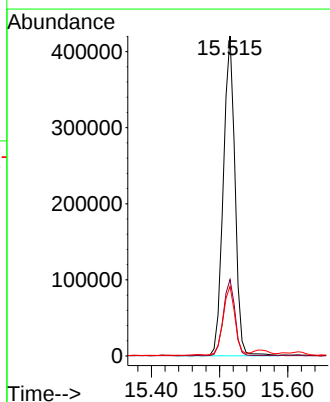
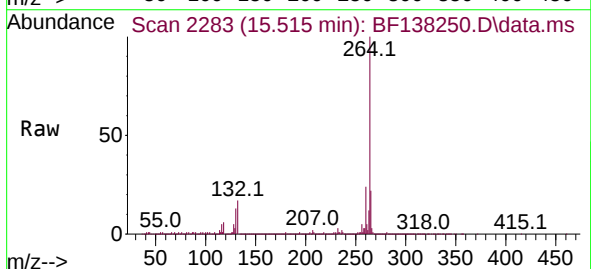
Manual Integrations
APPROVED

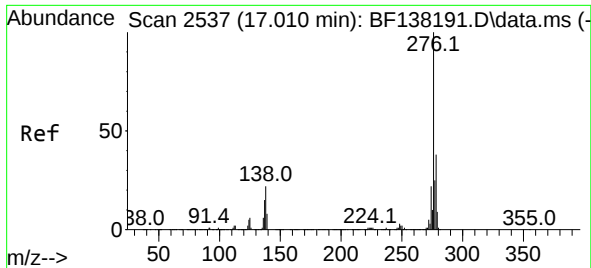
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:264 Resp: 502170
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.8 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.758 ng
RT: 16.998 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

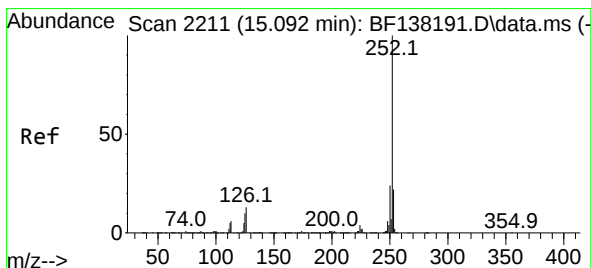
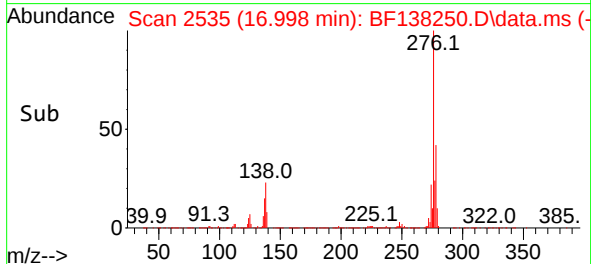
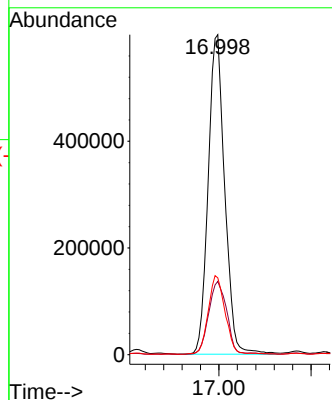
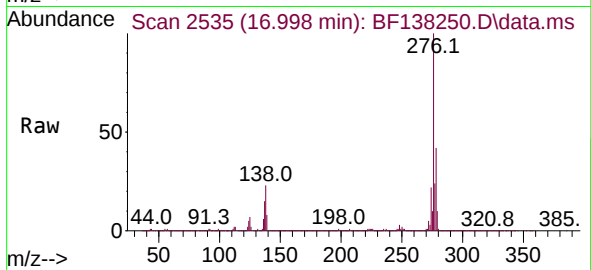
WCS-TPEMS

Tgt Ion:276 Resp: 149796
Ion Ratio Lower Upper
276 100
138 24.9 19.3 28.9
277 24.8 20.2 30.2

Manual Integrations

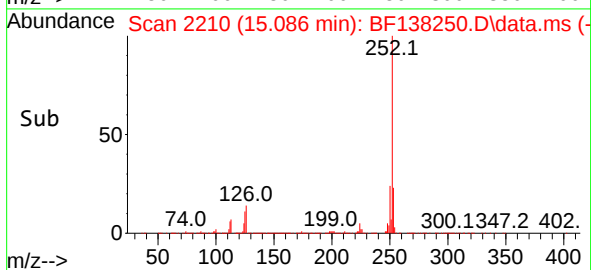
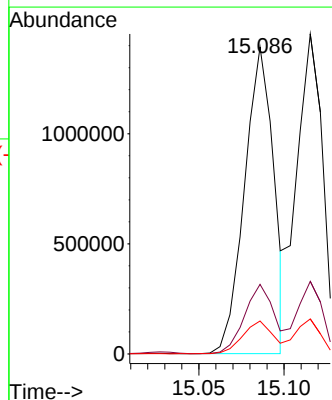
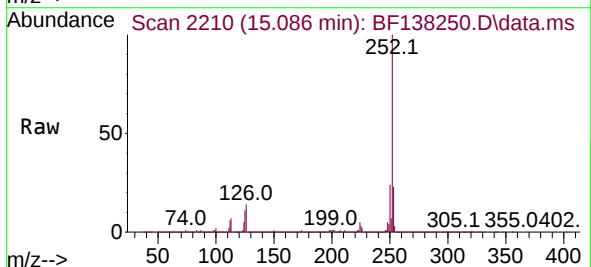
APPROVED

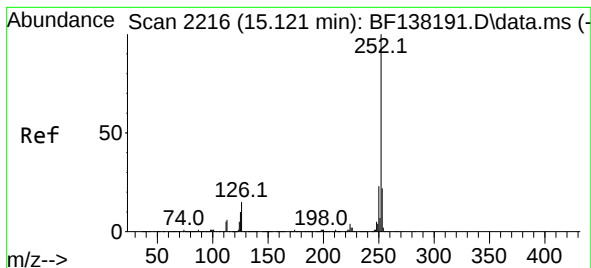
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#88
Benzo(b)fluoranthene
Concen: 56.142 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

Tgt Ion:252 Resp: 1662581
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 10.7 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 53.086 ng

RT: 15.115 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WCS-TPEMS

Tgt Ion:252 Resp: 154066

Ion Ratio Lower Upper

252 100

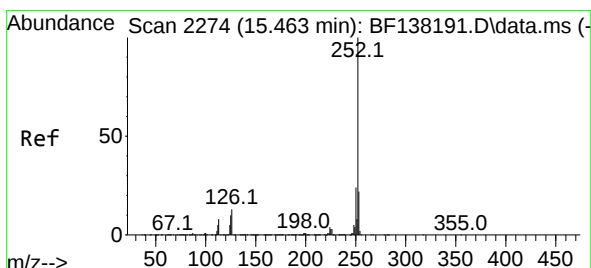
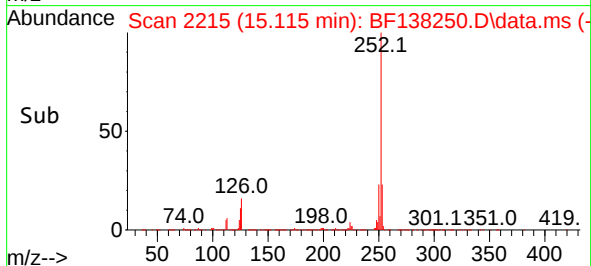
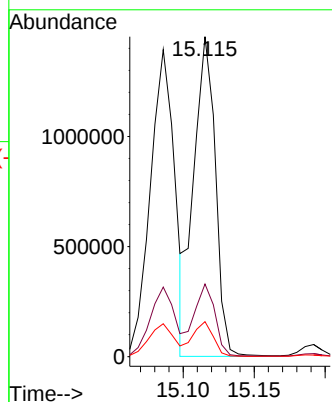
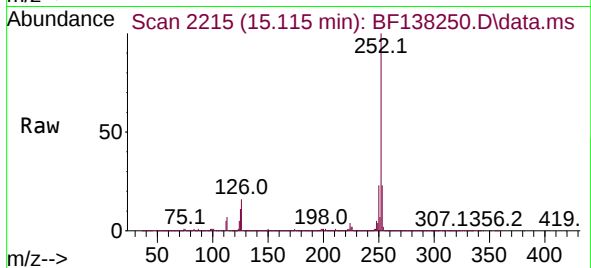
253 22.7 17.8 26.8

125 11.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#90

Benzo(a)pyrene

Concen: 57.440 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138250.D

Acq: 19 Jun 2024 17:28

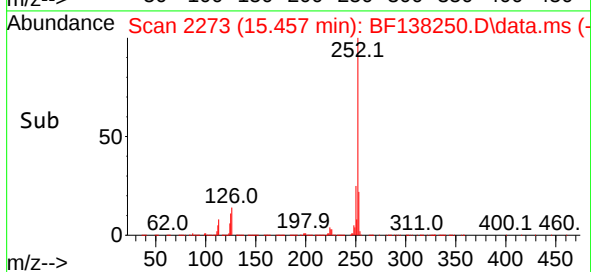
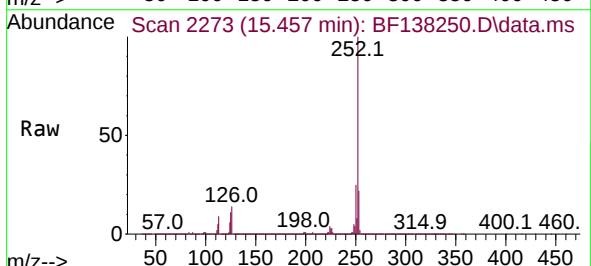
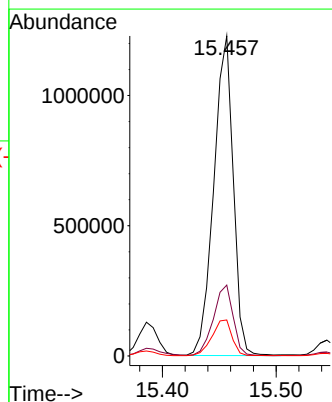
Tgt Ion:252 Resp: 1461331

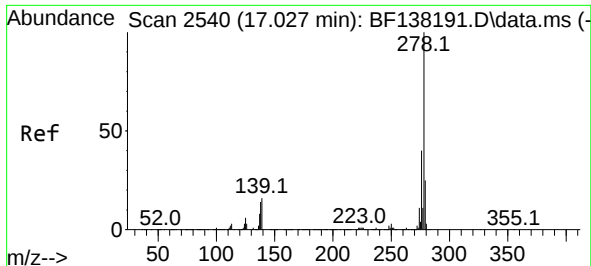
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

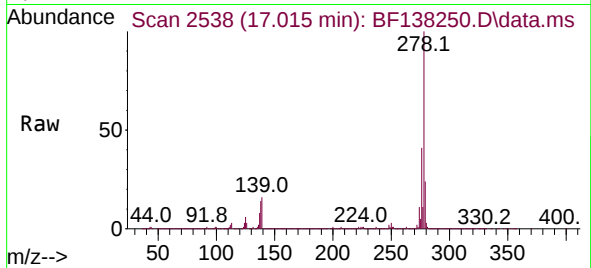
125 11.2 8.2 12.2





#91
Dibenzo(a,h)anthracene
Concen: 43.397 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28

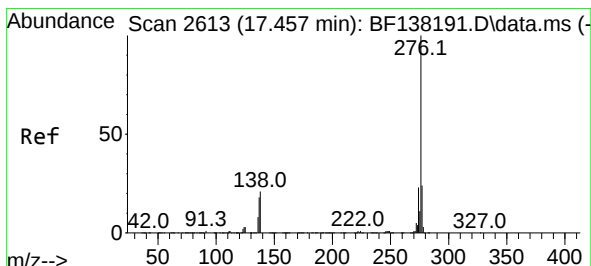
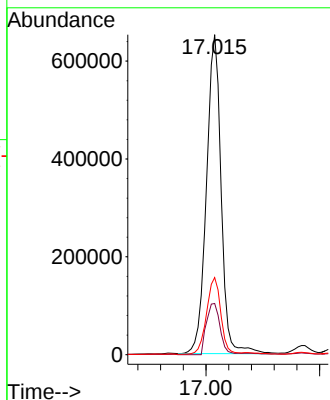
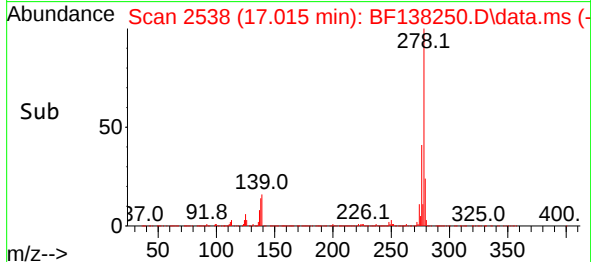
Instrument :
BNA_F
ClientSampleId :
WCS-TPEMS



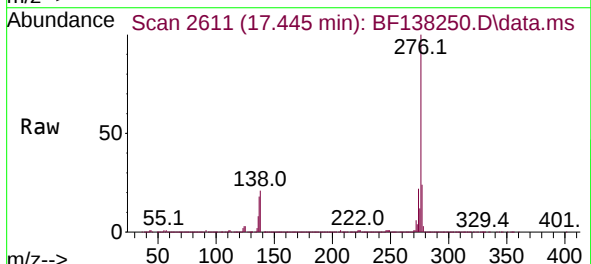
Tgt Ion:278 Resp: 1166109
Ion Ratio Lower Upper
278 100
139 16.0 12.9 19.3
279 24.1 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#92
Benzo(g,h,i)perylene
Concen: 40.369 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.012 min
Lab File: BF138250.D
Acq: 19 Jun 2024 17:28



Tgt Ion:276 Resp: 1122172
Ion Ratio Lower Upper
276 100
277 24.0 19.5 29.3
138 20.7 16.6 24.8

