

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138865.D
 Acq On : 08 Aug 2024 14:53
 Operator : RC/JU
 Sample : PB162421BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162421BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 08 15:18:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	50788	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	206401	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	119512	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	200005	20.000	ng	0.00
76) Chrysene-d12	14.004	240	98145	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	88888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	422278	128.347	ng	0.02
7) Phenol-d6	6.493	99	563415	127.547	ng	0.00
23) Nitrobenzene-d5	7.410	82	368044	87.181	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	128715	131.481	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	684355	86.037	ng	0.00
79) Terphenyl-d14	12.945	244	657469	112.158	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	44908	31.177	ng	95
3) Pyridine	3.469	79	116046	33.257	ng	95
4) n-Nitrosodimethylamine	3.434	42	103760	49.928	ng	84
6) Aniline	6.510	93	129629	32.905	ng	# 26
8) 2-Chlorophenol	6.634	128	167515	48.393	ng	96
9) Benzaldehyde	6.398	77	107022	40.417	ng	100
10) Phenol	6.504	94	219107	47.110	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	152771	42.685	ng	98
12) 1,3-Dichlorobenzene	6.781	146	171034	44.140	ng	98
13) 1,4-Dichlorobenzene	6.857	146	172771	44.182	ng	100
14) 1,2-Dichlorobenzene	7.010	146	164344	44.970	ng	99
15) Benzyl Alcohol	6.992	79	156630	49.196	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	252753	41.035	ng	# 45
17) 2-Methylphenol	7.110	107	136143	47.629	ng	# 86
18) Hexachloroethane	7.345	117	64809	44.029	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	127463	47.775	ng	99
20) 3+4-Methylphenols	7.263	107	179195	48.861	ng	# 80
22) Acetophenone	7.257	105	227639	45.044	ng	96
24) Nitrobenzene	7.434	77	191011	44.465	ng	98
25) Isophorone	7.669	82	330160	45.801	ng	99
26) 2-Nitrophenol	7.745	139	88731	48.010	ng	96
27) 2,4-Dimethylphenol	7.787	122	113940	51.526	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	194355	44.274	ng	99
29) 2,4-Dichlorophenol	7.992	162	138983	48.912	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	147252	44.905	ng	99
31) Naphthalene	8.145	128	495505	45.608	ng	99
32) Benzoic acid	7.945	122	60948	35.063	ng	97
33) 4-Chloroaniline	8.198	127	74761	20.500	ng	98
34) Hexachlorobutadiene	8.257	225	90673	45.652	ng	99
35) Caprolactam	8.586	113	38028m	44.852	ng	
36) 4-Chloro-3-methylphenol	8.692	107	160085	49.296	ng	98
37) 2-Methylnaphthalene	8.834	142	323147	47.096	ng	100
38) 1-Methylnaphthalene	8.934	142	296673	44.125	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	138529	41.727	ng	99
41) Hexachlorocyclopentadiene	8.981	237	91578	102.108	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	89251	44.092	ng	99

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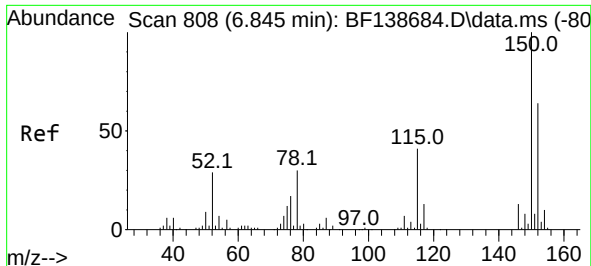
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	97120	43.889	ng	99
46) 1,1'-Biphenyl	9.298	154	383838	41.008	ng	99
47) 2-Chloronaphthalene	9.328	162	299993	43.094	ng	99
48) 2-Nitroaniline	9.434	65	109884	46.562	ng	98
49) Acenaphthylene	9.739	152	472480	47.855	ng	99
50) Dimethylphthalate	9.604	163	355892	46.572	ng	100
51) 2,6-Dinitrotoluene	9.675	165	77661	45.031	ng	93
52) Acenaphthene	9.910	154	289688	43.648	ng	99
53) 3-Nitroaniline	9.845	138	53394	29.949	ng	95
54) 2,4-Dinitrophenol	9.963	184	68234	85.949	ng	90
55) Dibenzofuran	10.086	168	427792	45.662	ng	99
56) 4-Nitrophenol	10.022	139	81339	75.868	ng	88
57) 2,4-Dinitrotoluene	10.081	165	105671	48.025	ng	# 83
58) Fluorene	10.428	166	345742	46.342	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	79727	47.126	ng	96
60) Diethylphthalate	10.304	149	348550	48.104	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	169273	46.132	ng	96
62) 4-Nitroaniline	10.463	138	73592	43.436	ng	88
63) Azobenzene	10.575	77	368751	45.886	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	57384	47.028	ng	97
66) n-Nitrosodiphenylamine	10.539	169	293422	46.935	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	97029	44.808	ng	95
68) Hexachlorobenzene	10.975	284	103316	46.209	ng	98
69) Atrazine	11.069	200	87867	54.476	ng	99
70) Pentachlorophenol	11.175	266	73441	72.874	ng	98
71) Phenanthrene	11.392	178	492485	47.820	ng	100
72) Anthracene	11.445	178	493425	48.634	ng	99
73) Carbazole	11.598	167	411316	46.991	ng	99
74) Di-n-butylphthalate	11.916	149	524798	53.334	ng	100
75) Fluoranthene	12.574	202	461240	47.974	ng	99
77) Benzidine	12.698	184	33297	14.184	ng	97
78) Pyrene	12.804	202	452799	49.001	ng	99
80) Butylbenzylphthalate	13.416	149	154793	52.311	ng	97
81) Benzo(a)anthracene	13.992	228	317684	47.005	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	60248	34.835	ng	98
83) Chrysene	14.027	228	294677	48.328	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	185077	42.712	ng	97
85) Di-n-octyl phthalate	14.580	149	287558	35.869	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	281434	44.181	ng	96
88) Benzo(b)fluoranthene	15.039	252	262316	47.606	ng	98
89) Benzo(k)fluoranthene	15.068	252	262160	54.951	ng	98
90) Benzo(a)pyrene	15.404	252	241382	52.080	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	229890	43.965	ng	96
92) Benzo(g,h,i)perylene	17.380	276	208280	38.385	ng	97

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



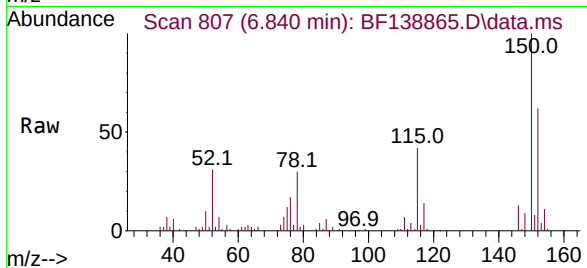
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF138865.D
 Acq: 08 Aug 2024 14:53

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PB162421BS

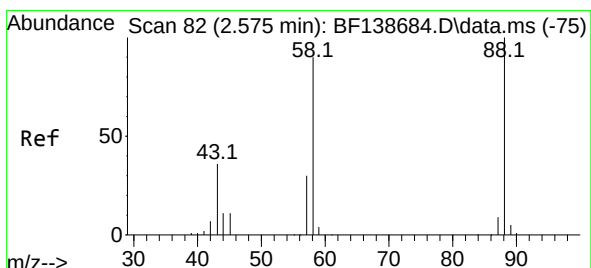
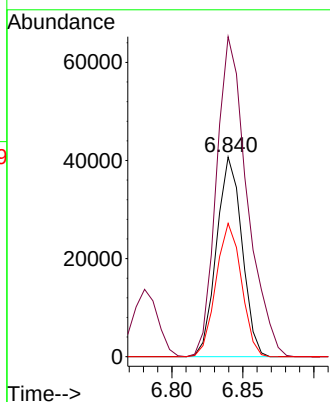
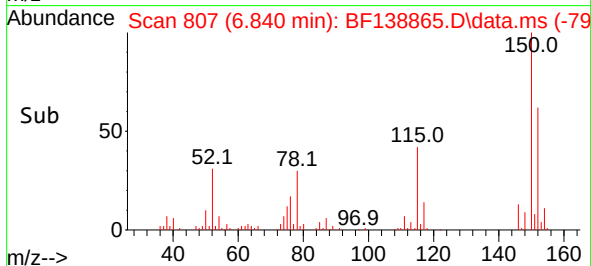


Tgt Ion:152 Resp: 5078
 Ion Ratio Lower Upper
 152 100
 150 160.2 126.0 189.0
 115 66.8 51.7 77.5

Manual Integrations

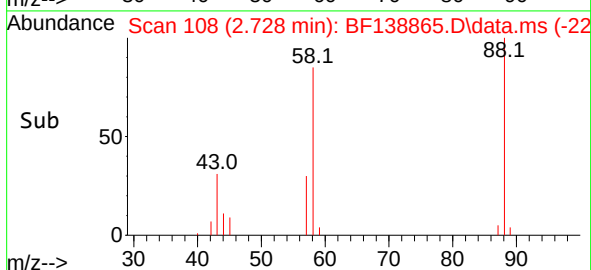
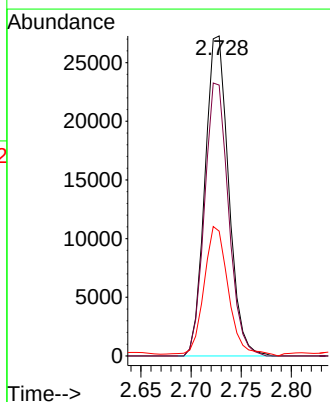
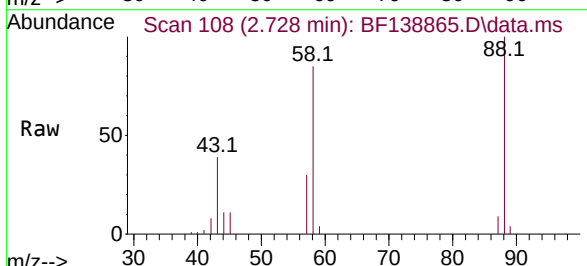
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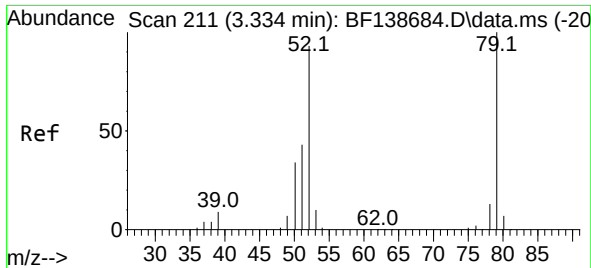
Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024



#2
 1,4-Dioxane
 Concen: 31.177 ng
 RT: 2.728 min Scan# 108
 Delta R.T. 0.153 min
 Lab File: BF138865.D
 Acq: 08 Aug 2024 14:53

Tgt Ion: 88 Resp: 44908
 Ion Ratio Lower Upper
 88 100
 58 86.3 71.6 107.4
 43 42.1 28.7 43.1





#3

Pyridine

Concen: 33.257 ng

RT: 3.469 min Scan# 211

Delta R.T. 0.135 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS

Tgt Ion: 79 Resp: 11604

Ion Ratio Lower Upper

79 100

52 88.9 74.7 112.1

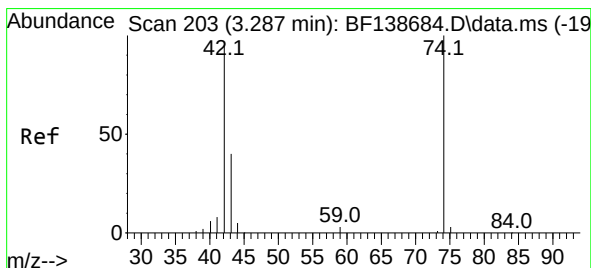
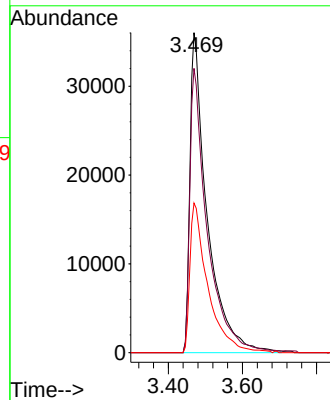
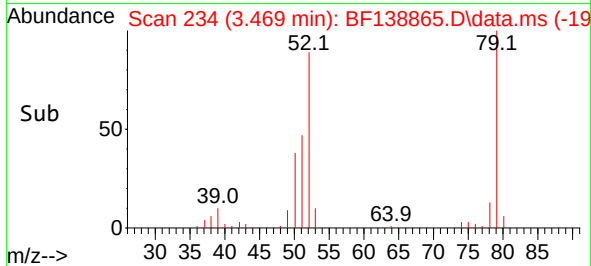
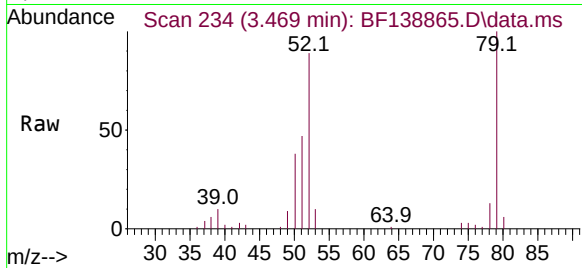
51 46.7 34.6 51.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 49.928 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.147 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

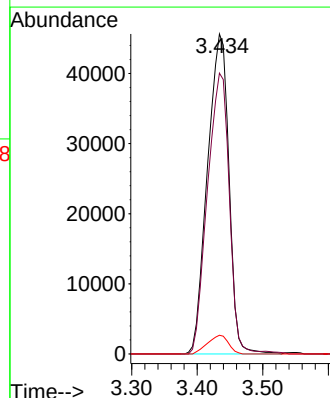
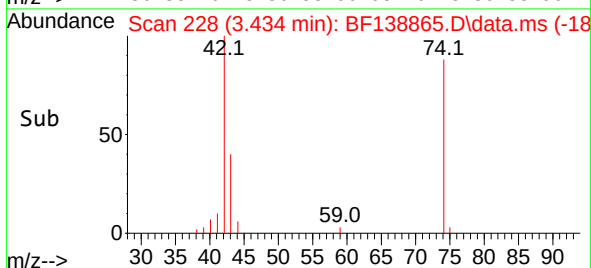
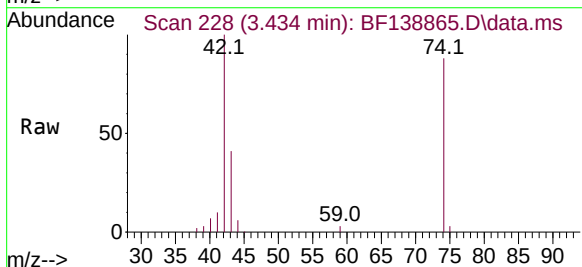
Tgt Ion: 42 Resp: 103760

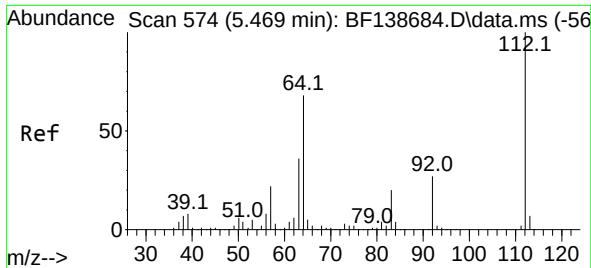
Ion Ratio Lower Upper

42 100

74 87.7 84.2 126.4

44 5.8 4.9 7.3





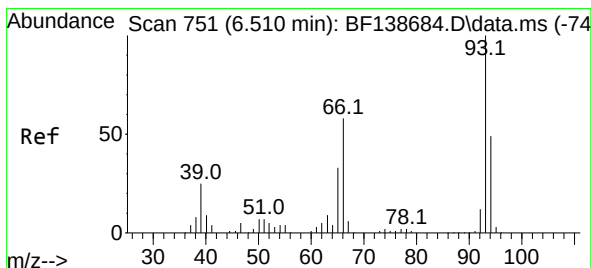
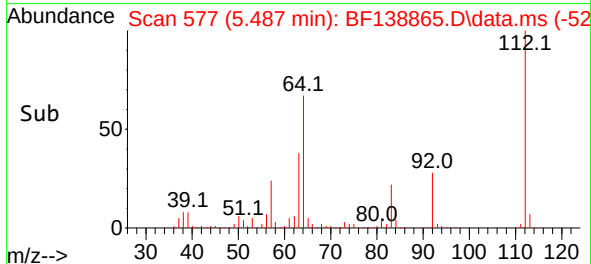
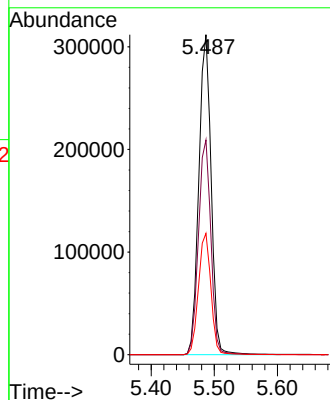
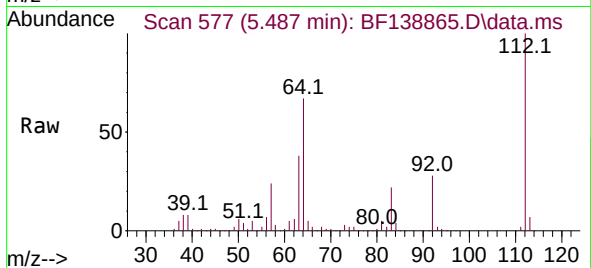
#5
2-Fluorophenol
Concen: 128.347 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 422278
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.4
63 37.9 28.7 43.1

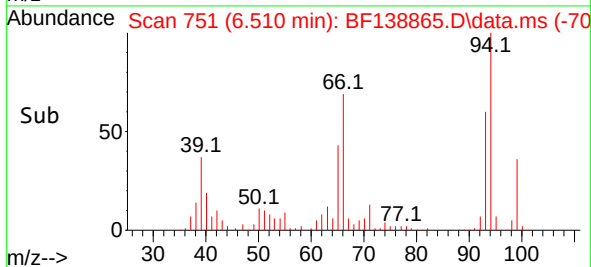
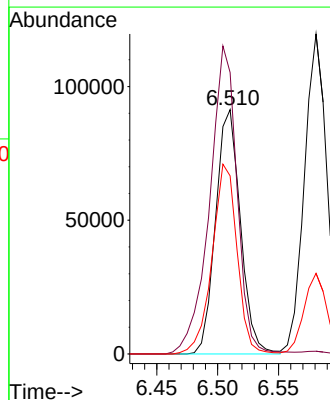
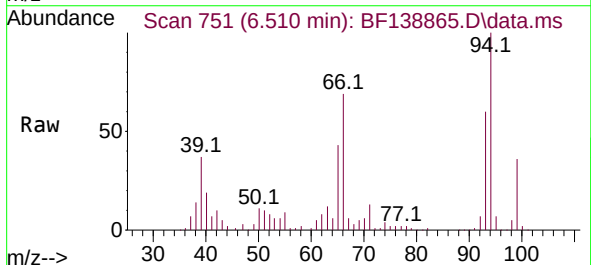
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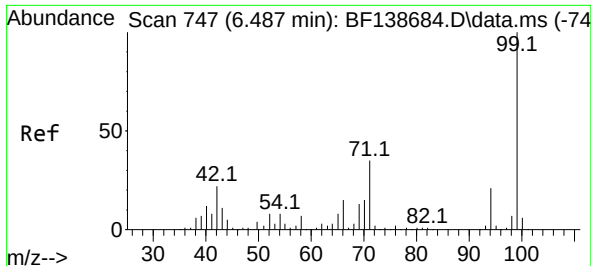
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#6
Aniline
Concen: 32.905 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

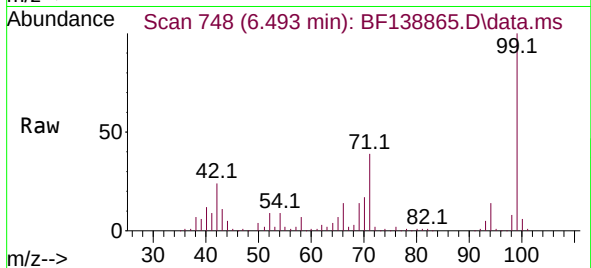
Tgt Ion: 93 Resp: 129629
Ion Ratio Lower Upper
93 100
66 115.1 46.9 70.3#
65 72.9 26.5 39.7#





#7
Phenol-d6
Concen: 127.547 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

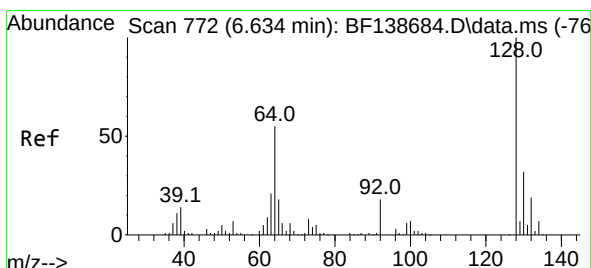
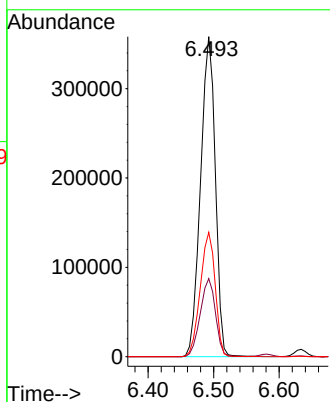
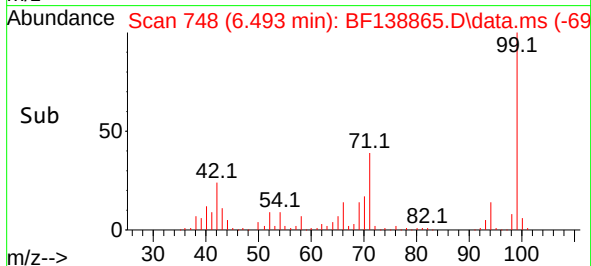
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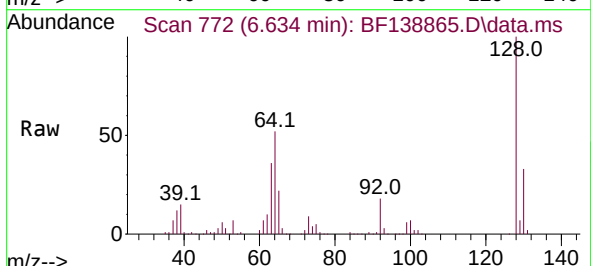
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Ion Ratio Lower Upper
99 100
42 24.4 17.4 26.0
71 38.9 28.1 42.1

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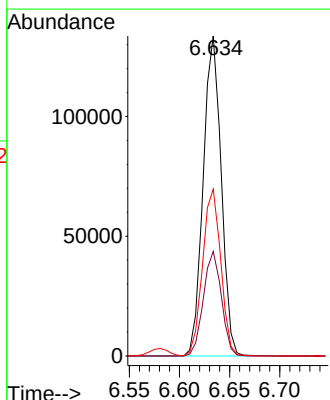
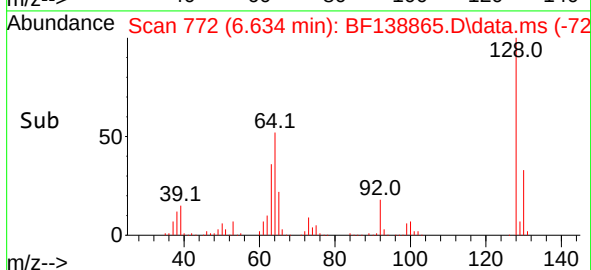
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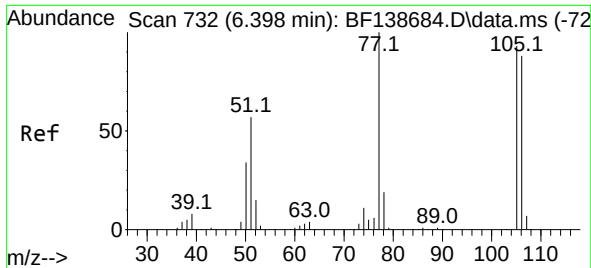


#8
2-Chlorophenol
Concen: 48.393 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138865.D
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Tgt Ion:128 Resp: 167515
Ion Ratio Lower Upper
128 100
130 32.7 12.0 52.0
64 52.1 36.3 76.3





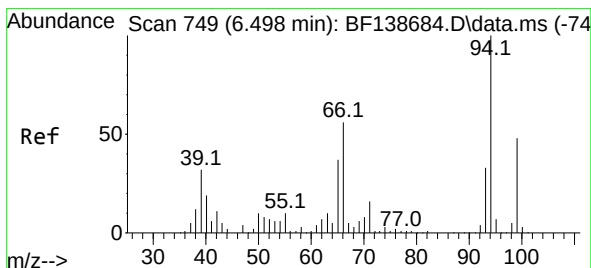
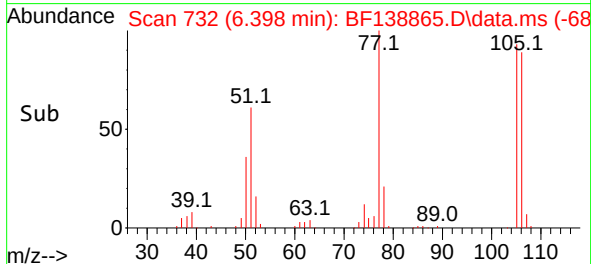
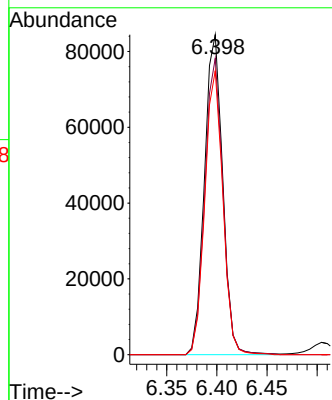
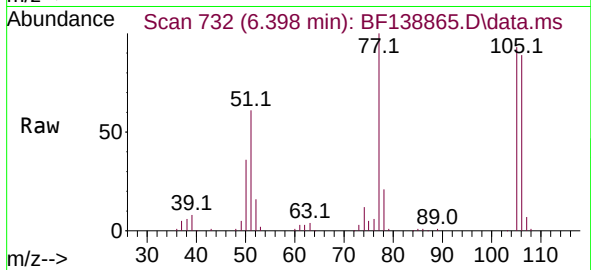
#9
Benzaldehyde
Concen: 40.417 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :
BNA_F
ClientSampleId :
PB162421BS

Tgt Ion: 77 Resp: 10702
Ion Ratio Lower Upper
77 100
105 92.6 72.9 112.9
106 88.7 68.4 108.4

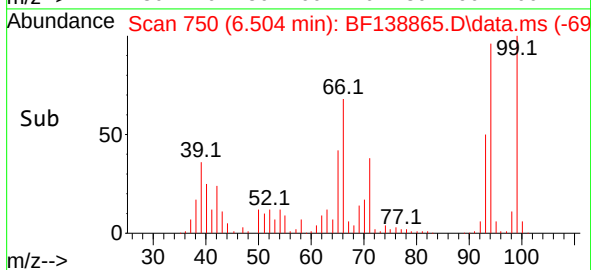
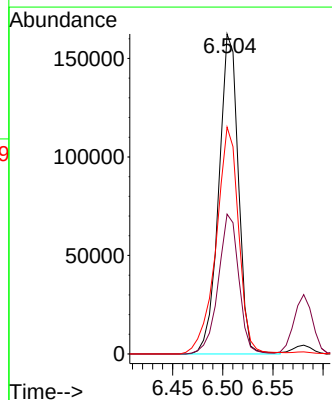
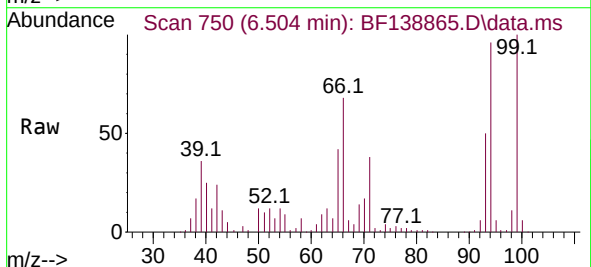
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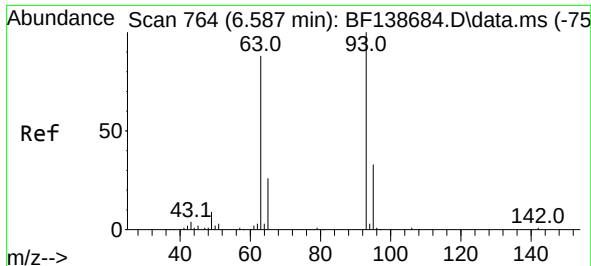
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#10
Phenol
Concen: 47.110 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion: 94 Resp: 219107
Ion Ratio Lower Upper
94 100
65 43.7 16.9 56.9
66 70.9 36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 42.685 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS

Tgt Ion: 93 Resp: 15277

Ion Ratio Lower Upper

93 100

63 83.1 65.3 105.3

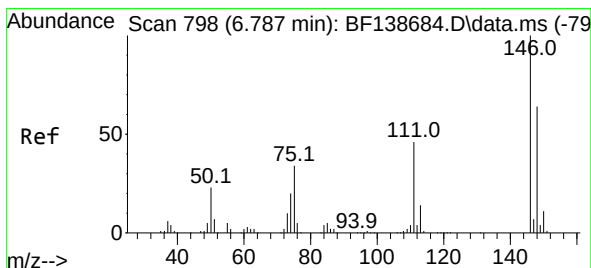
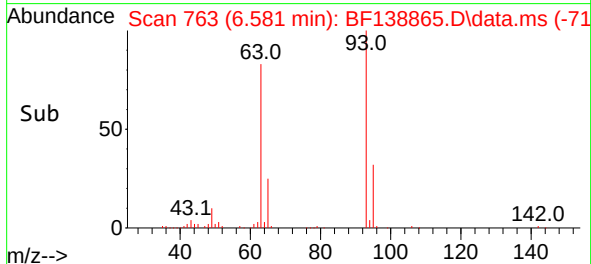
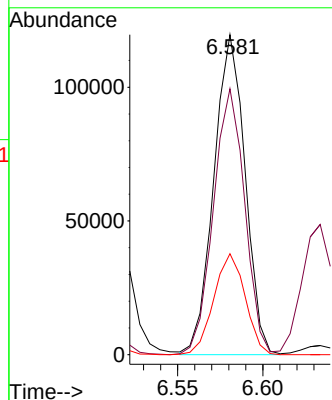
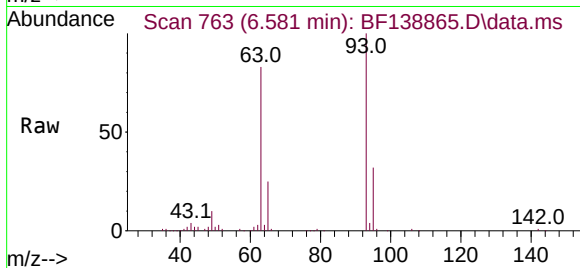
95 31.6 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#12

1,3-Dichlorobenzene

Concen: 44.140 ng

RT: 6.781 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

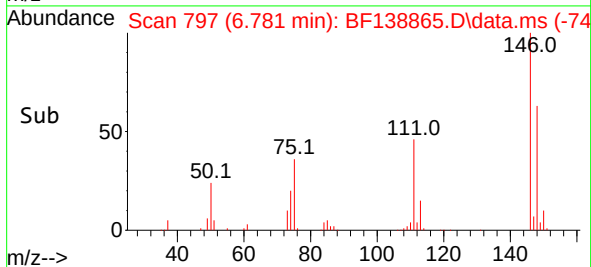
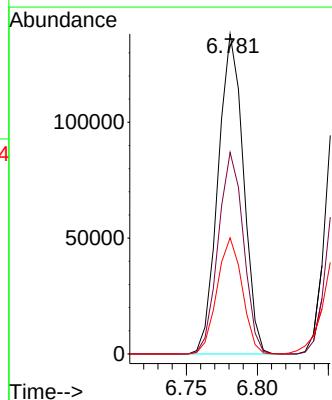
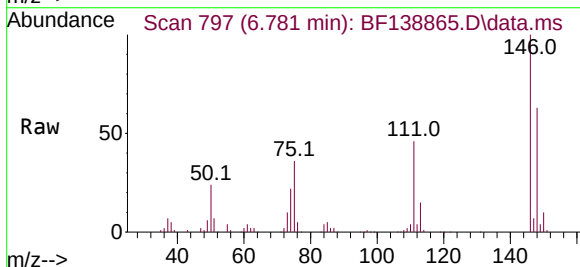
Tgt Ion:146 Resp: 171034

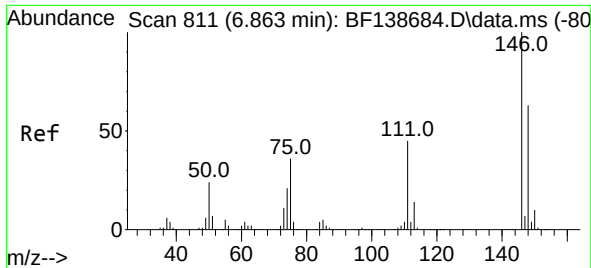
Ion Ratio Lower Upper

146 100

148 63.0 51.2 76.8

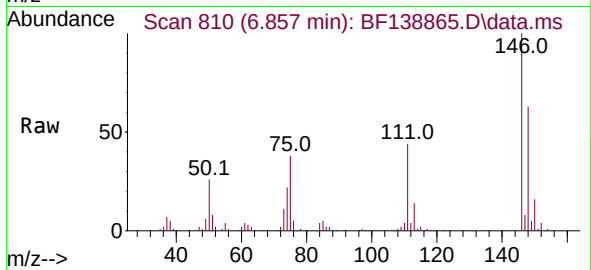
75 36.3 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 44.182 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

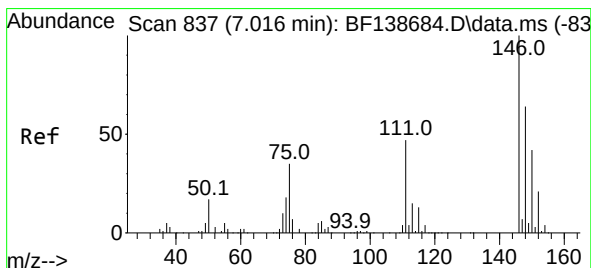
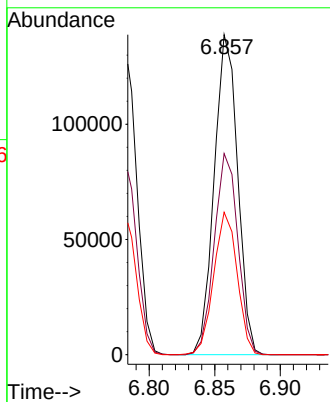
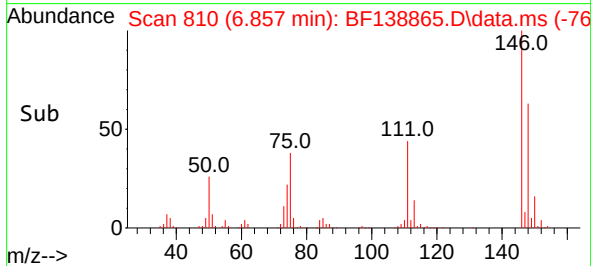
Instrument :
BNA_F
ClientSampleId :
PB162421BS



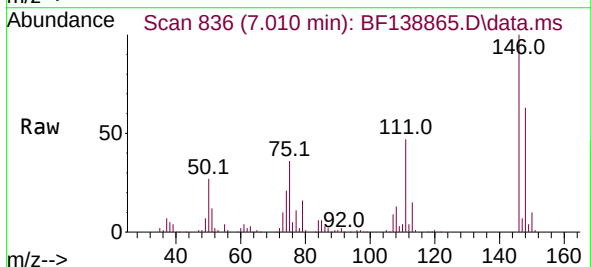
Tgt Ion:146 Resp: 17277
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.2
111 44.5 35.9 53.9

Manual Integrations
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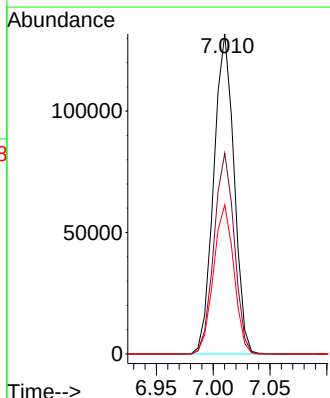
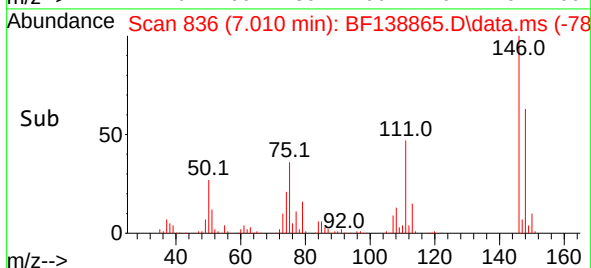
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

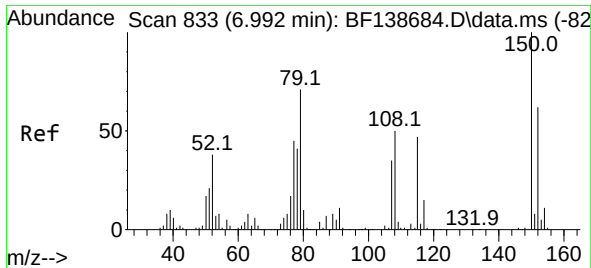


#14
1,2-Dichlorobenzene
Concen: 44.970 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



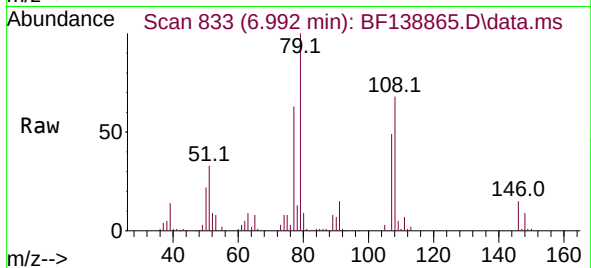
Tgt Ion:146 Resp: 164344
Ion Ratio Lower Upper
146 100
148 62.8 50.8 76.2
111 46.6 37.4 56.2





#15
Benzyl Alcohol
Concen: 49.196 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

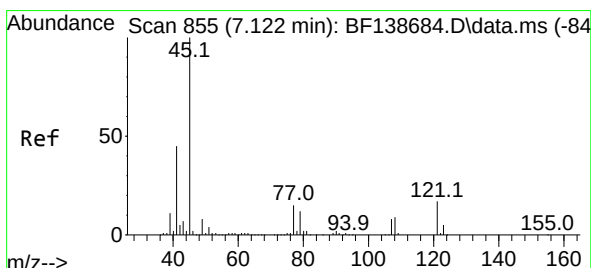
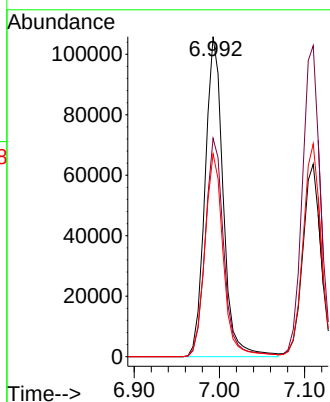
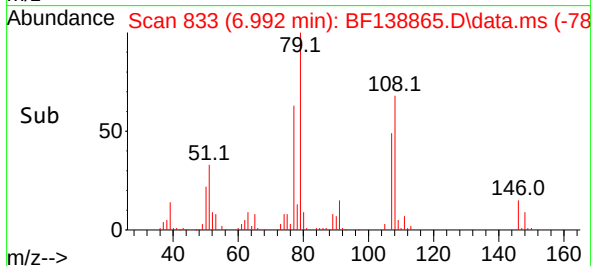
Instrument :
BNA_F
ClientSampleId :
PB162421BS



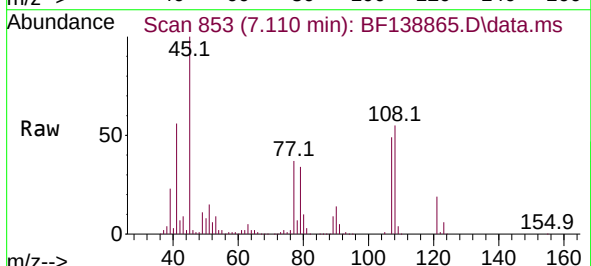
Tgt Ion: 79 Resp: 156630
Ion Ratio Lower Upper
79 100
108 68.2 56.6 85.0
77 63.4 50.3 75.5

Manual Integrations
APPROVED

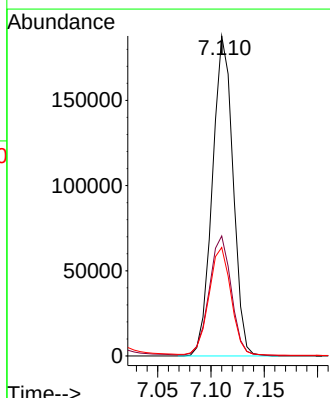
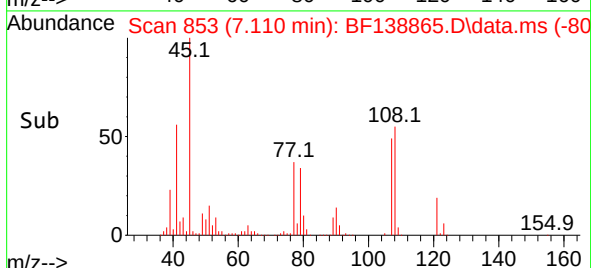
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

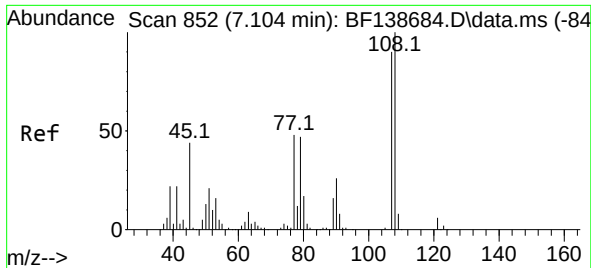


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.035 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion: 45 Resp: 252753
Ion Ratio Lower Upper
45 100
77 37.5 0.0 34.9#
79 33.9 0.0 32.2#





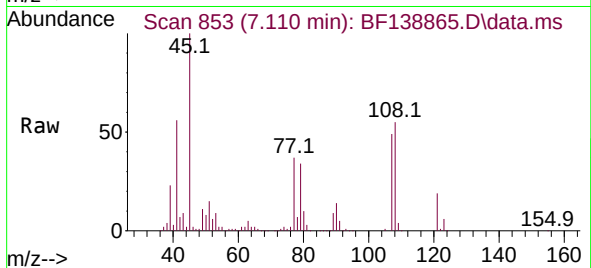
#17
2-Methylphenol
Concen: 47.629 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS

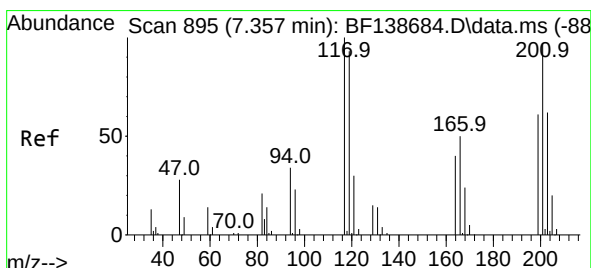
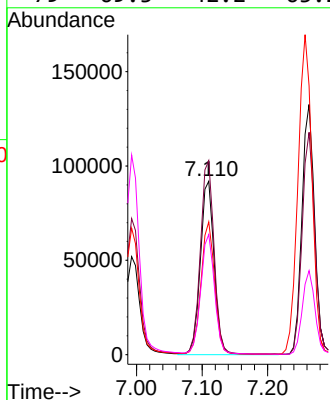
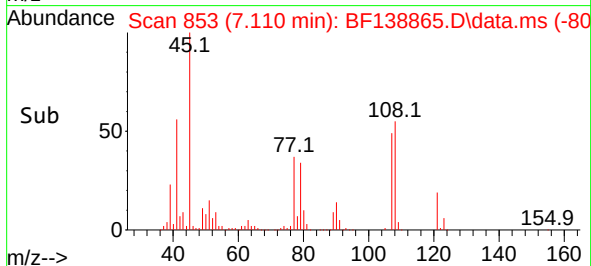


Tgt Ion:107 Resp: 13614
Ion Ratio Lower Upper
107 100
108 111.9 89.2 133.8
77 76.6 43.0 64.4
79 69.3 42.2 63.2

Manual Integrations

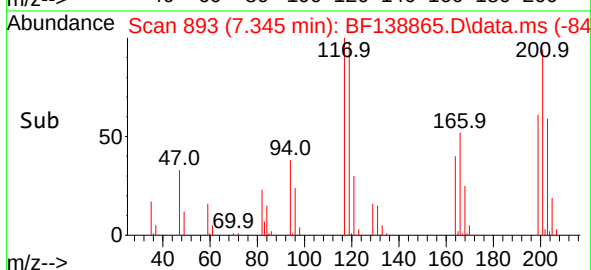
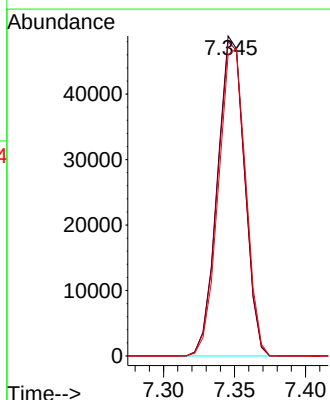
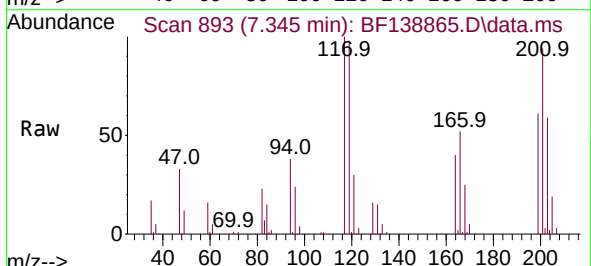
APPROVED

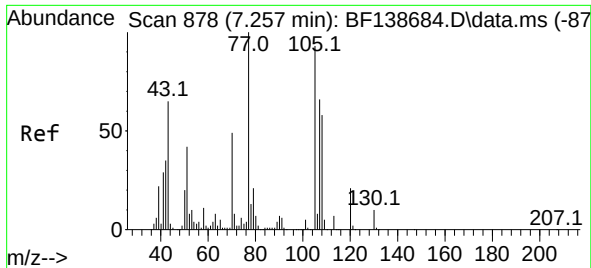
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#18
Hexachloroethane
Concen: 44.029 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:117 Resp: 64809
Ion Ratio Lower Upper
117 100
119 98.3 74.6 111.8
201 94.1 77.2 115.8





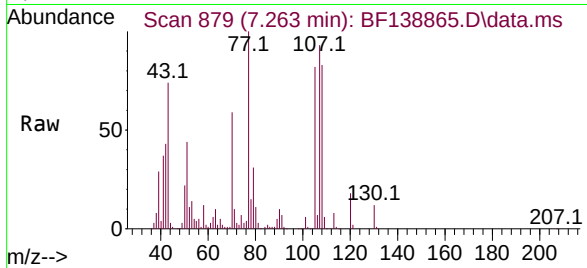
#19
n-Nitroso-di-n-propylamine
Concen: 47.775 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS



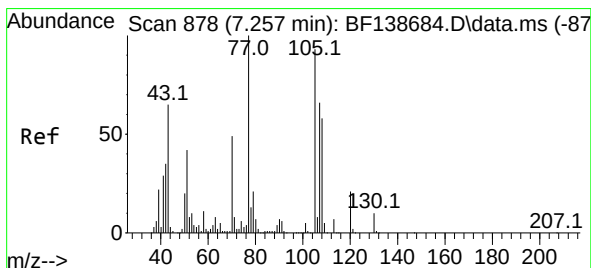
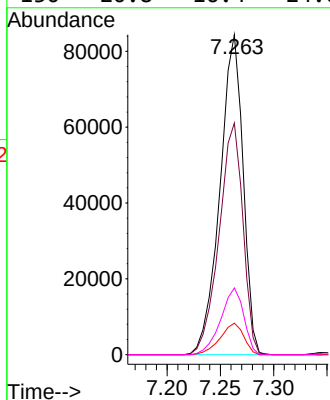
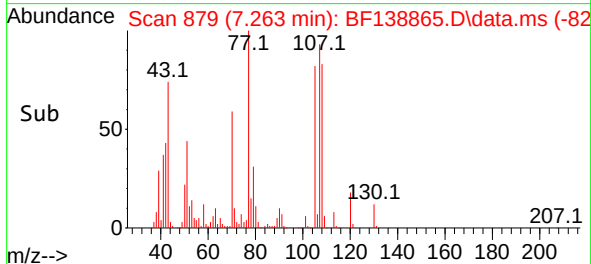
Tgt Ion: 70 Resp: 12746
Ion Ratio Lower Upper
70 100
42 72.4 57.4 86.0
101 9.9 7.5 11.3
130 20.8 16.4 24.6

Manual Integrations

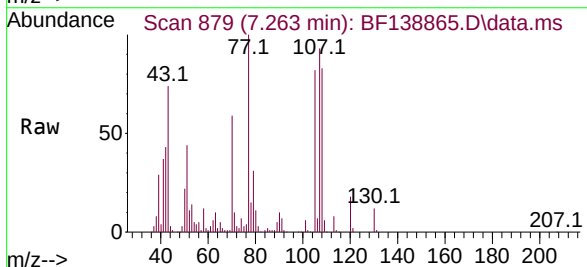
APPROVED

Reviewed By :Yogesh Patel 08/09/2024

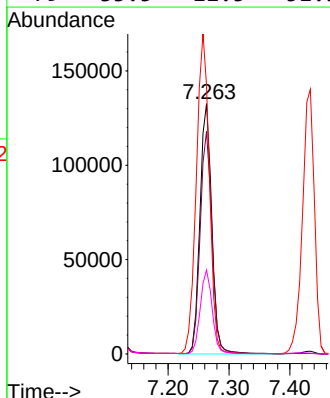
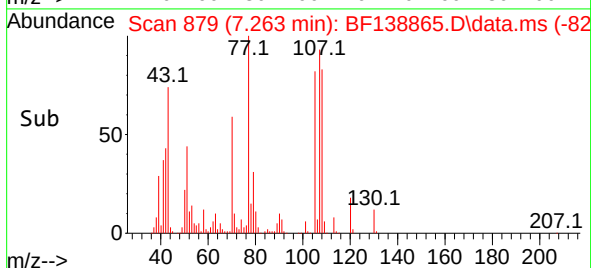
Supervised By :mohammad ahmed 08/09/2024

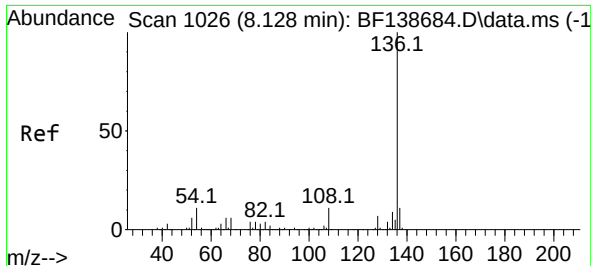


#20
3+4-Methylphenols
Concen: 48.861 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion:107 Resp: 179195
Ion Ratio Lower Upper
107 100
108 88.9 68.2 108.2
77 107.4 132.1 172.1#
79 33.5 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

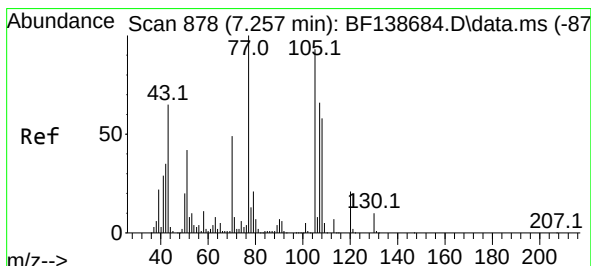
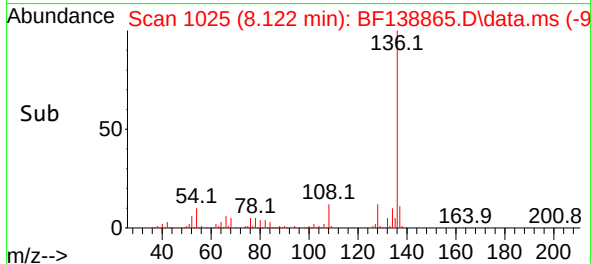
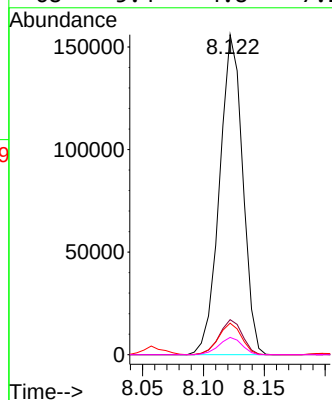
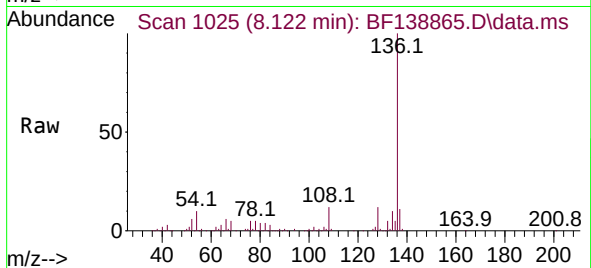
PB162421BS

Tgt Ion:136 Resp: 20640
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.9 8.6 12.8
68 5.4 4.8 7.2

Manual Integrations

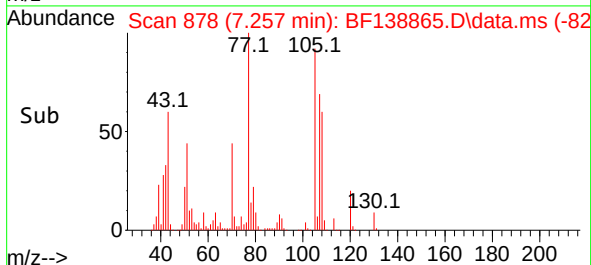
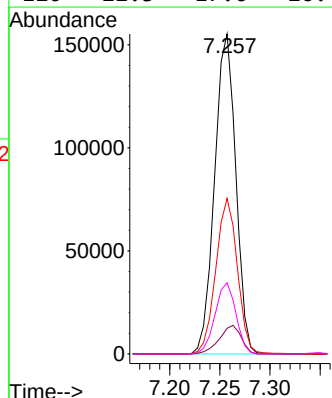
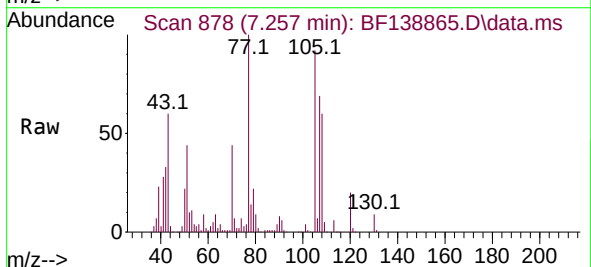
APPROVED

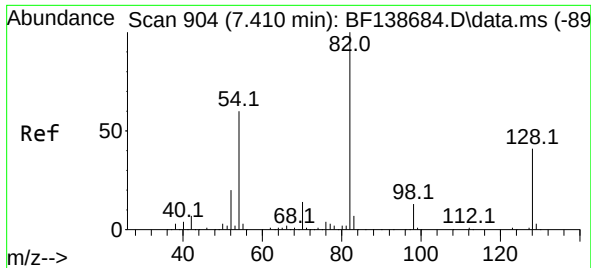
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#22
Acetophenone
Concen: 45.044 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:105 Resp: 227639
Ion Ratio Lower Upper
105 100
71 8.0 7.2 10.8
51 48.6 35.9 53.9
120 22.3 17.6 26.4





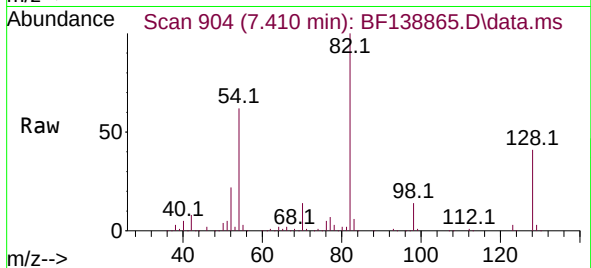
#23
Nitrobenzene-d5
Concen: 87.181 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS

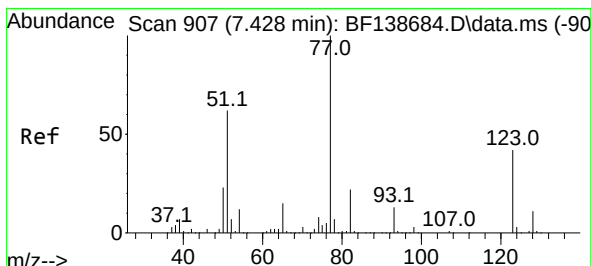
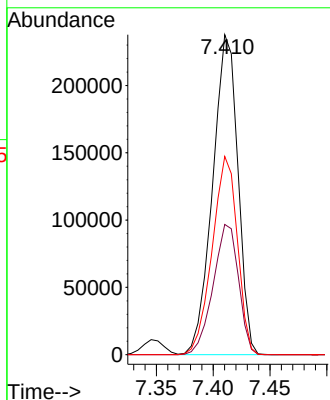
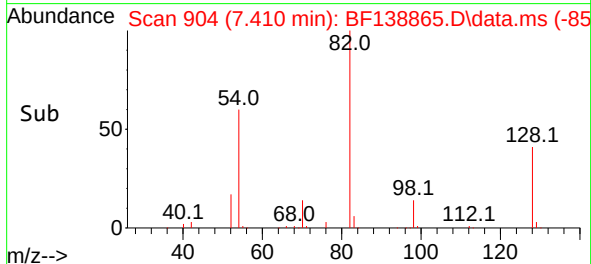


Tgt Ion: 82 Resp: 36804
Ion Ratio Lower Upper
82 100
128 40.7 32.8 49.2
54 61.9 48.3 72.5

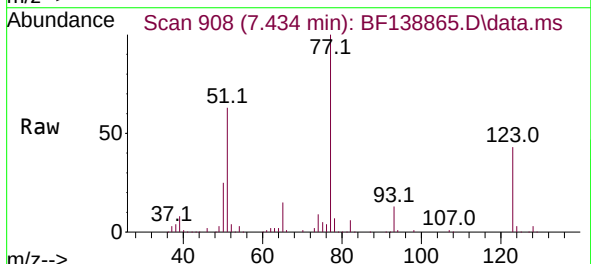
Manual Integrations

APPROVED

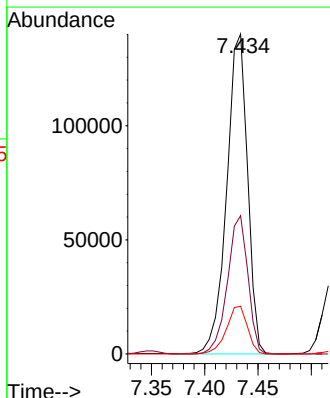
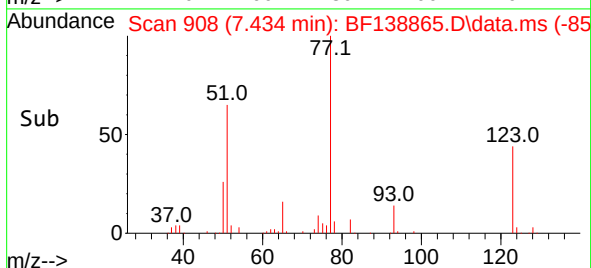
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

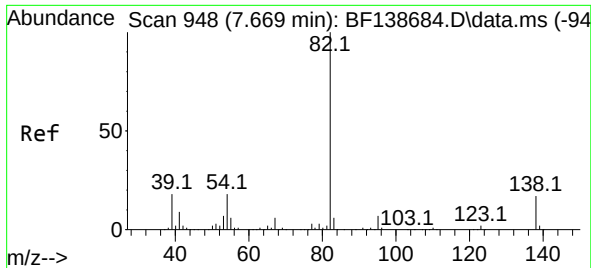


#24
Nitrobenzene
Concen: 44.465 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



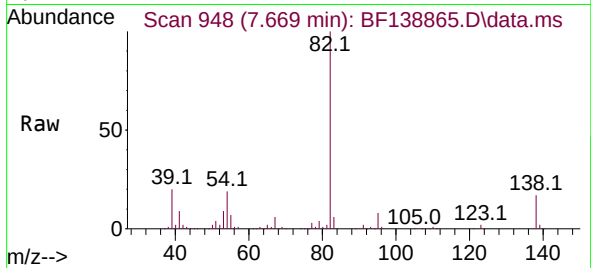
Tgt Ion: 77 Resp: 191011
Ion Ratio Lower Upper
77 100
123 43.2 33.3 49.9
65 14.9 11.9 17.9





#25
Isophorone
Concen: 45.801 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

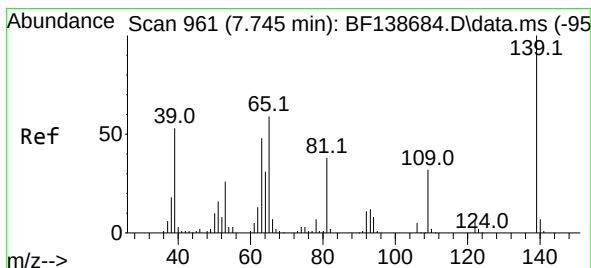
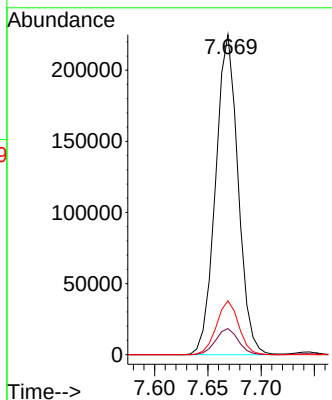
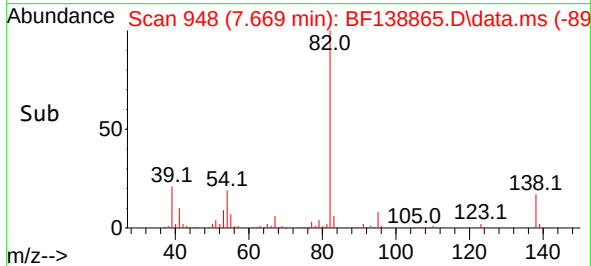
Instrument :
BNA_F
ClientSampleId :
PB162421BS



Tgt Ion: 82 Resp: 330160
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 16.9 13.7 20.5

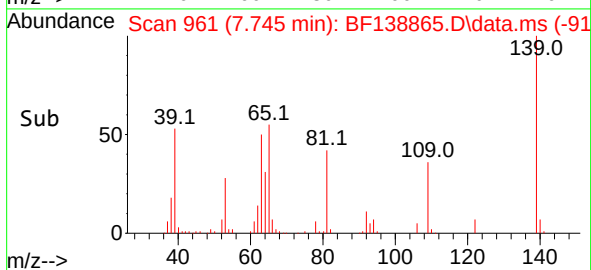
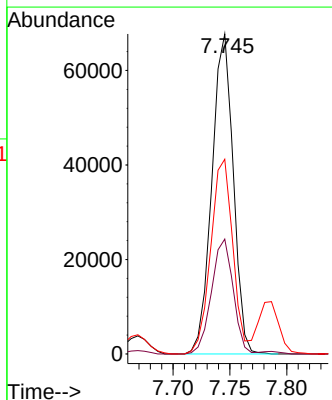
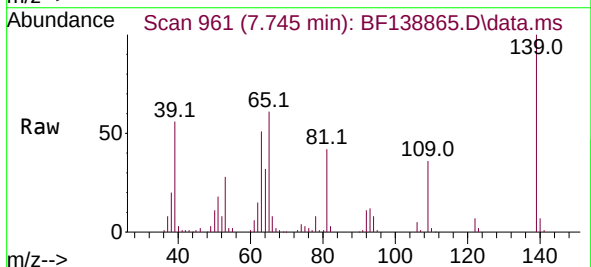
Manual Integrations
APPROVED

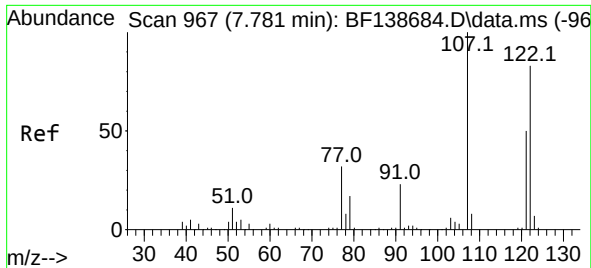
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#26
2-Nitrophenol
Concen: 48.010 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:139 Resp: 88731
Ion Ratio Lower Upper
139 100
109 35.9 25.9 38.9
65 60.9 47.0 70.6





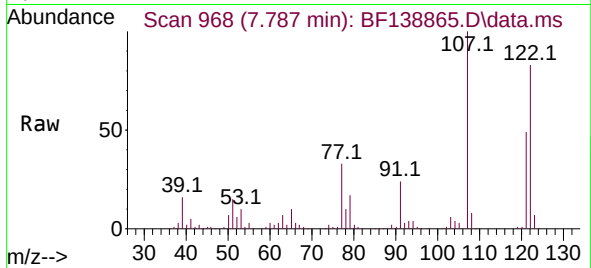
#27
2,4-Dimethylphenol
Concen: 51.526 ng
RT: 7.787 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS



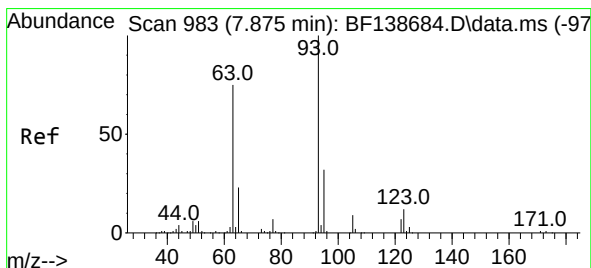
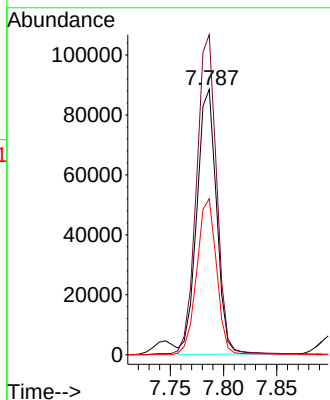
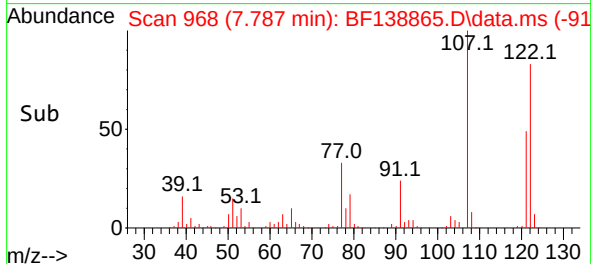
Tgt Ion:122 Resp: 113940
Ion Ratio Lower Upper
122 100
107 120.6 95.0 142.6
121 58.8 47.3 70.9

Manual Integrations

APPROVED

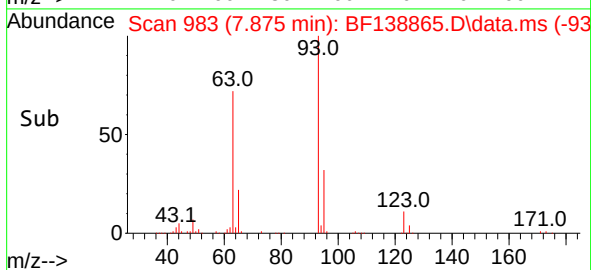
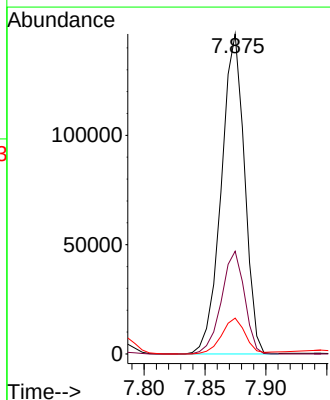
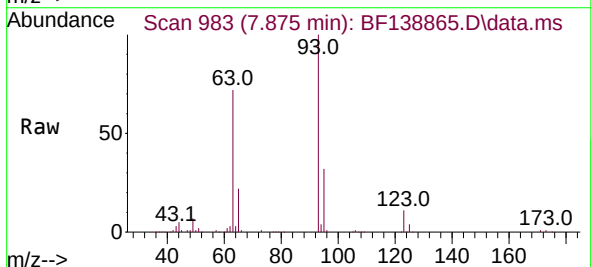
Reviewed By :Yogesh Patel 08/09/2024

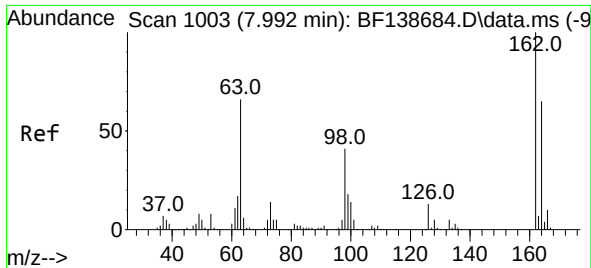
Supervised By :mohammad ahmed 08/09/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.274 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion: 93 Resp: 194355
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 11.2 9.4 14.0





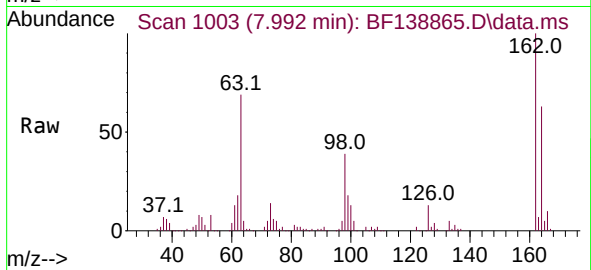
#29
2,4-Dichlorophenol
Concen: 48.912 ng
RT: 7.992 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS



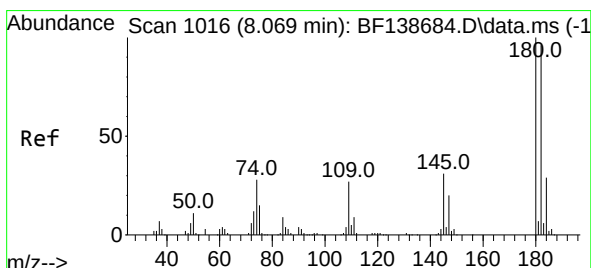
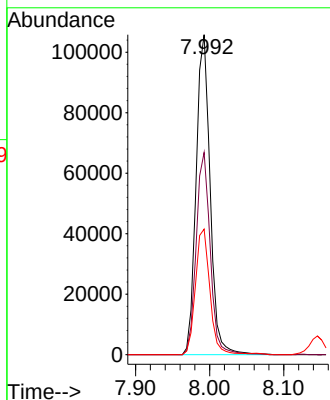
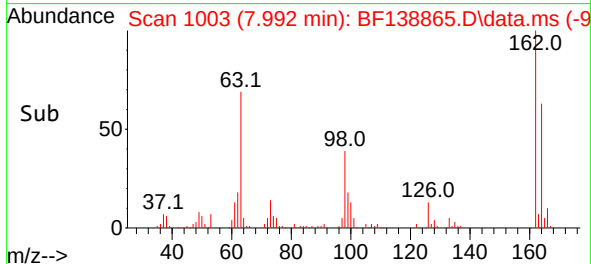
Tgt Ion:162 Resp: 13898
Ion Ratio Lower Upper
162 100
164 63.2 44.7 84.7
98 39.3 20.8 60.8

Manual Integrations

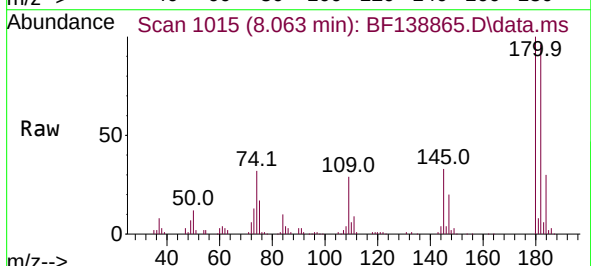
APPROVED

Reviewed By :Yogesh Patel 08/09/2024

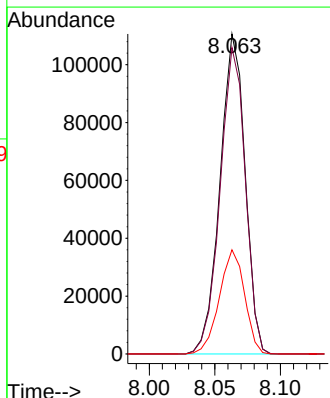
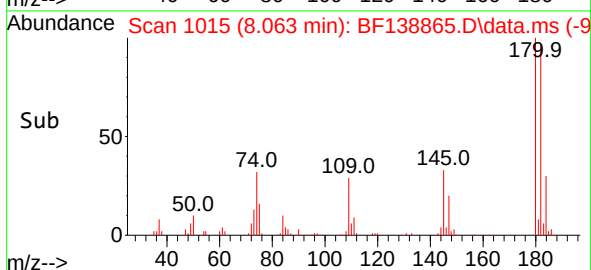
Supervised By :mohammad ahmed 08/09/2024

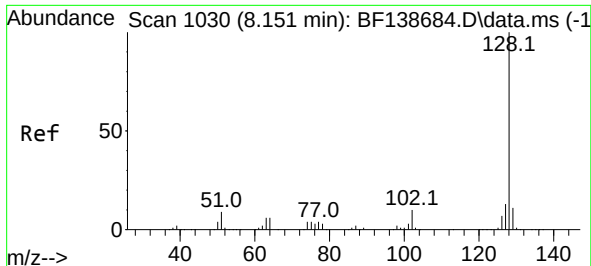


#30
1,2,4-Trichlorobenzene
Concen: 44.905 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion:180 Resp: 147252
Ion Ratio Lower Upper
180 100
182 95.8 76.9 115.3
145 32.5 25.0 37.4





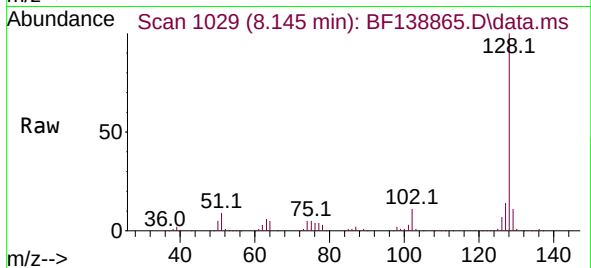
#31
Naphthalene
Concen: 45.608 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS

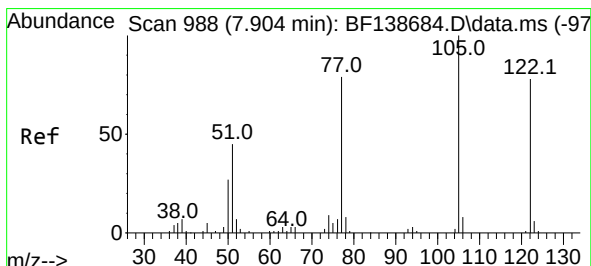
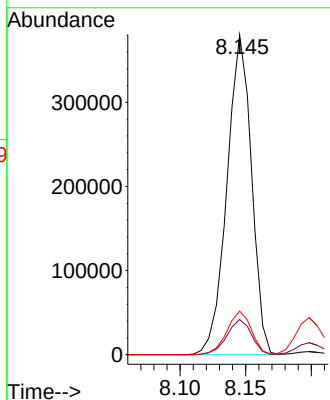
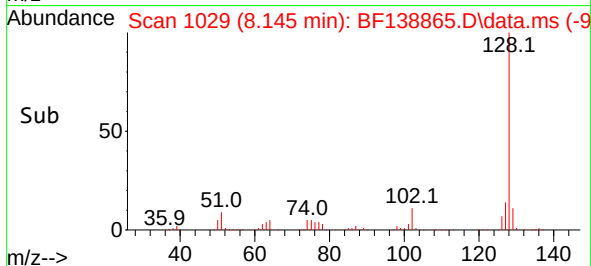


Tgt Ion:128 Resp: 495509
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.6 16.0

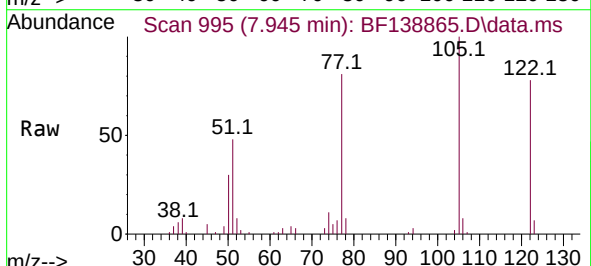
Manual Integrations

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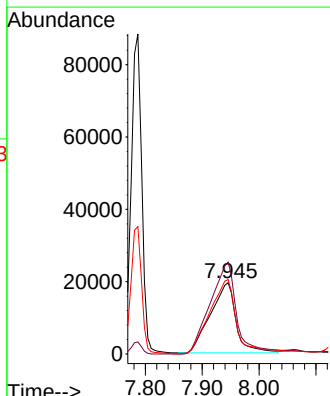
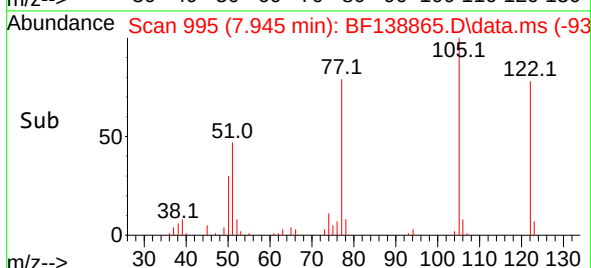
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

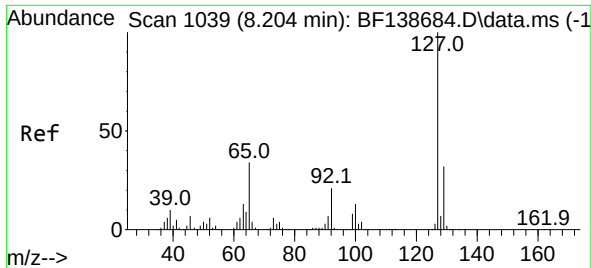


#32
Benzoic acid
Concen: 35.063 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion:122 Resp: 60948
Ion Ratio Lower Upper
122 100
105 128.9 106.7 146.7
77 104.5 81.1 121.1





#33
4-Chloroaniline
Concen: 20.500 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

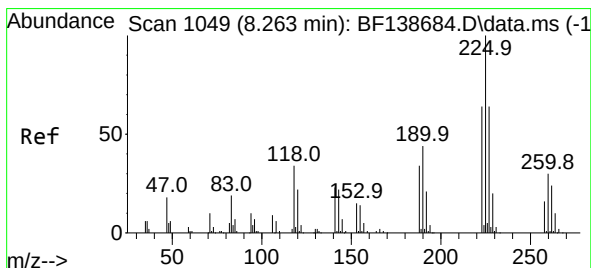
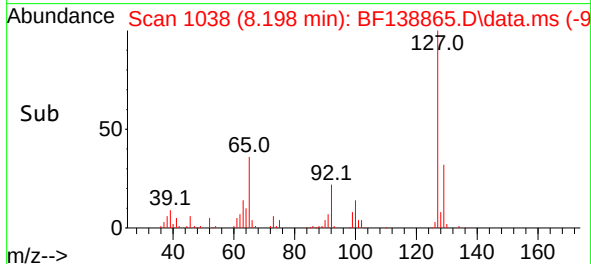
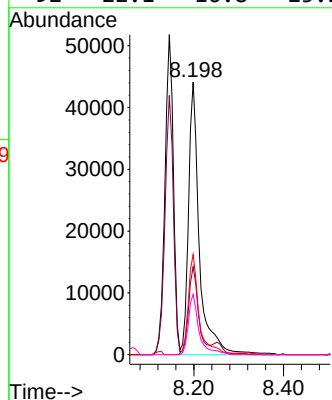
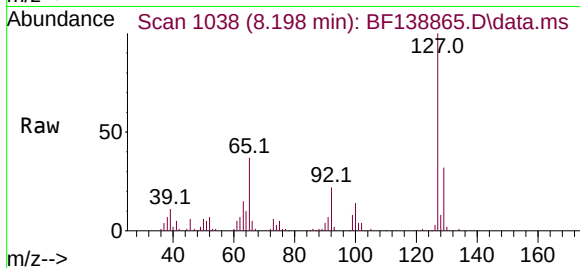
ClientSampleId :

PB162421BS

Tgt Ion:127 Resp: 7476
Ion Ratio Lower Upper
127 100
129 32.3 25.9 38.9
65 36.8 27.6 41.4
92 22.1 16.8 25.2

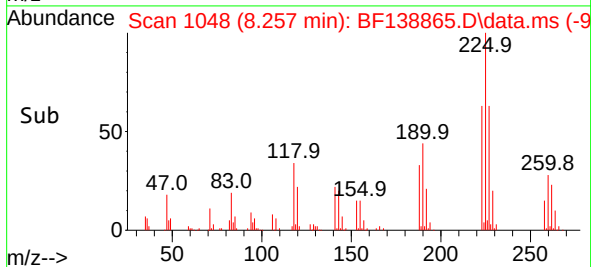
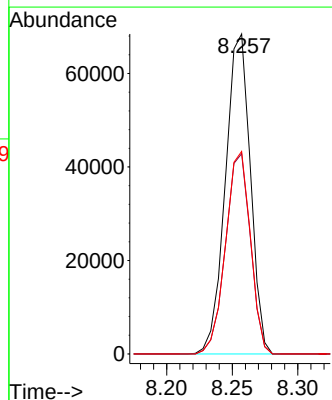
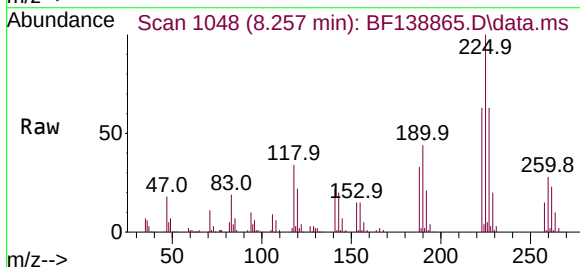
Manual Integrations
APPROVED

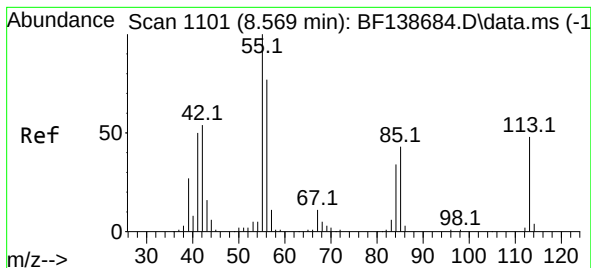
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#34
Hexachlorobutadiene
Concen: 45.652 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:225 Resp: 90673
Ion Ratio Lower Upper
225 100
223 62.6 51.2 76.8
227 63.3 51.1 76.7





#35

Caprolactam

Concen: 44.852 ng m

RT: 8.586 min Scan# 1101

Delta R.T. 0.018 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS

Tgt Ion:113 Resp: 38028

Ion Ratio Lower Upper

113 100

55 195.5 186.7 226.7

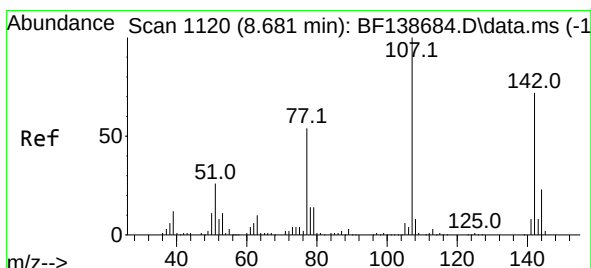
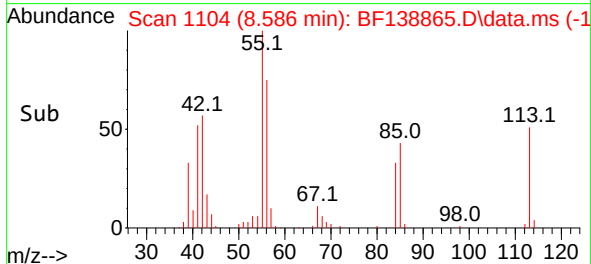
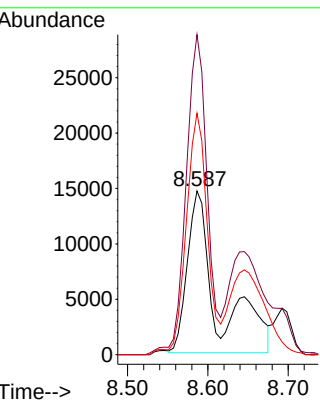
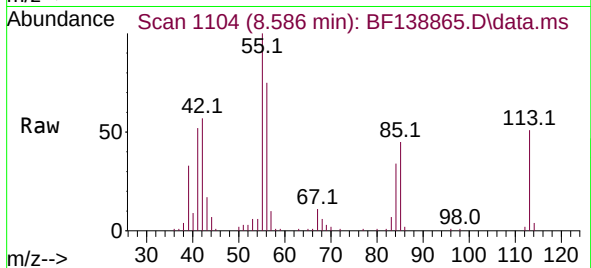
56 147.4 138.9 178.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#36

4-Chloro-3-methylphenol

Concen: 49.296 ng

RT: 8.692 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

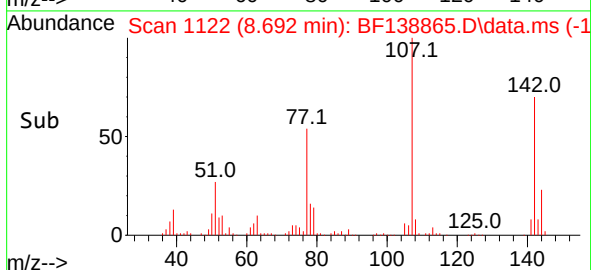
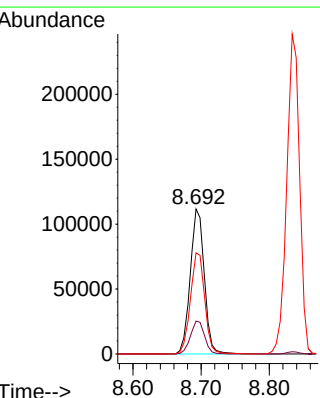
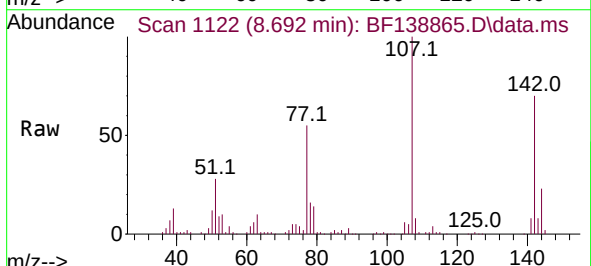
Tgt Ion:107 Resp: 160085

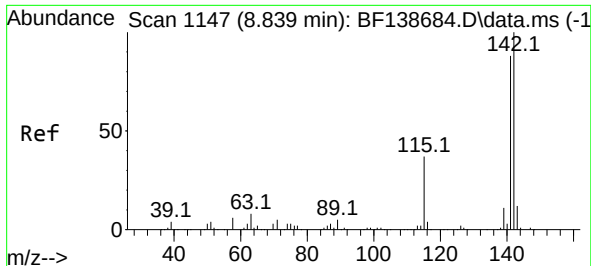
Ion Ratio Lower Upper

107 100

144 22.6 18.2 27.2

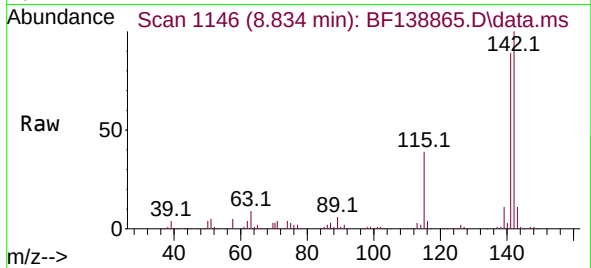
142 69.8 57.4 86.2





#37
2-Methylnaphthalene
Concen: 47.096 ng
RT: 8.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

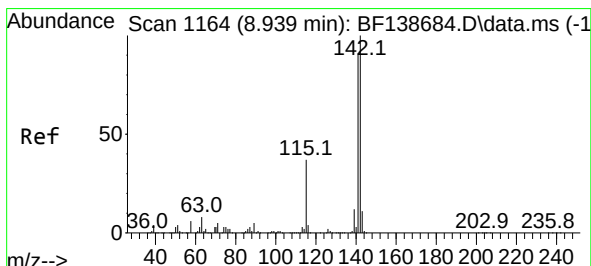
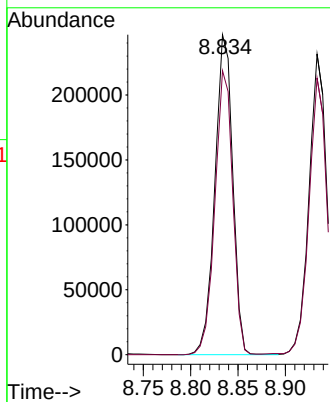
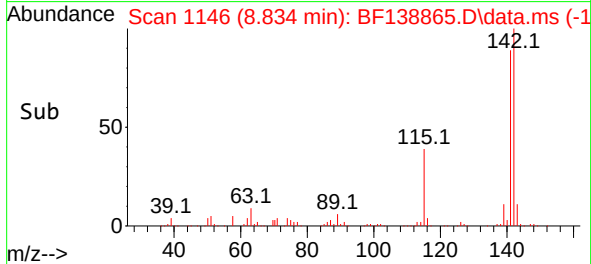
Instrument :
BNA_F
ClientSampleId :
PB162421BS



Tgt Ion:142 Resp: 32314
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2

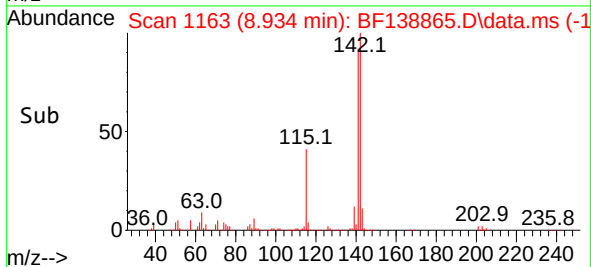
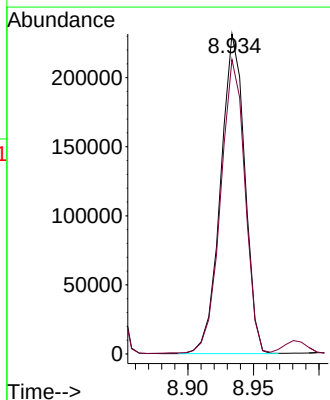
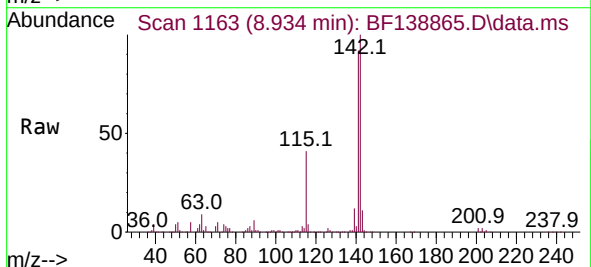
Manual Integrations
APPROVED

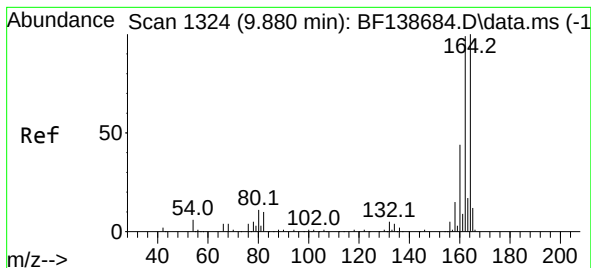
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#38
1-Methylnaphthalene
Concen: 44.125 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:142 Resp: 296673
Ion Ratio Lower Upper
142 100
141 92.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 11951

Delta R.T. -0.005 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

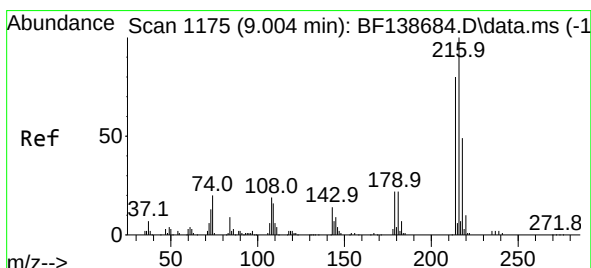
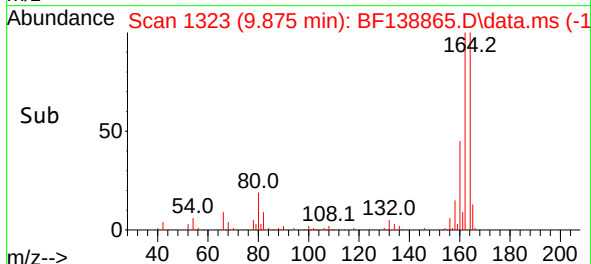
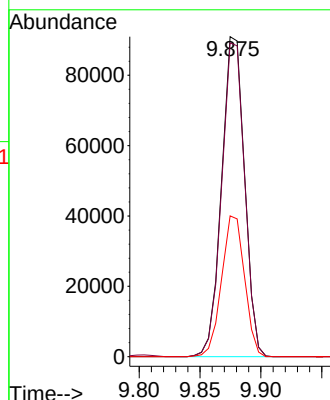
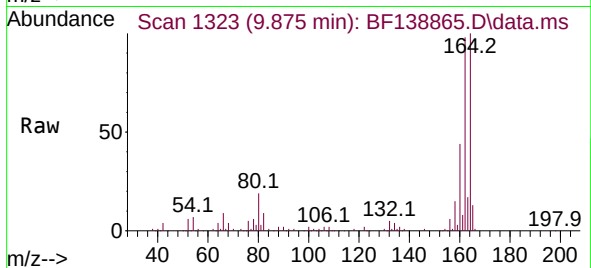
ClientSampleId :

PB162421BS

Tgt Ion:164 Resp: 11951
 Ion Ratio Lower Upper
 164 100
 162 98.0 79.4 119.0
 160 44.0 35.1 52.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.727 ng

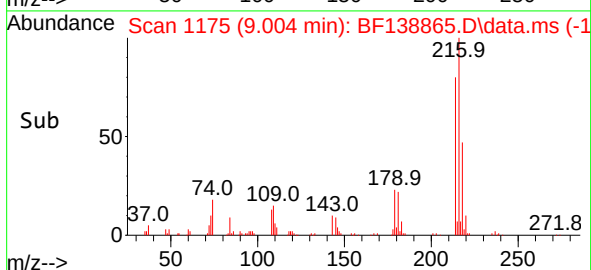
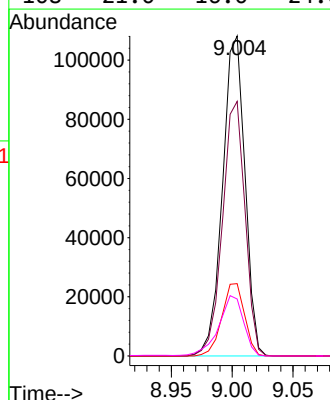
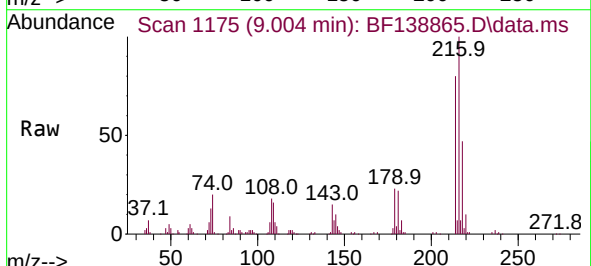
RT: 9.004 min Scan# 1175

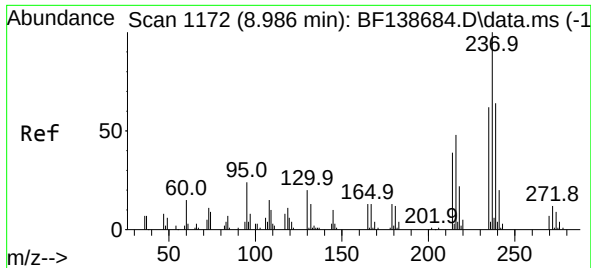
Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

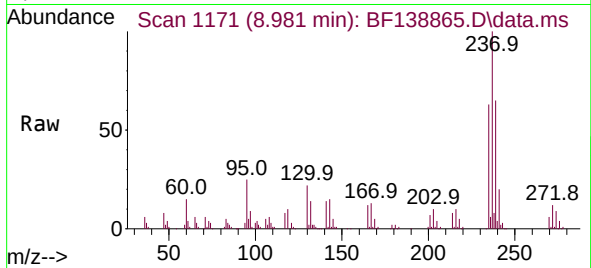
Tgt Ion:216 Resp: 138529
 Ion Ratio Lower Upper
 216 100
 214 79.9 63.9 95.9
 179 23.0 17.8 26.6
 108 21.0 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 102.108 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

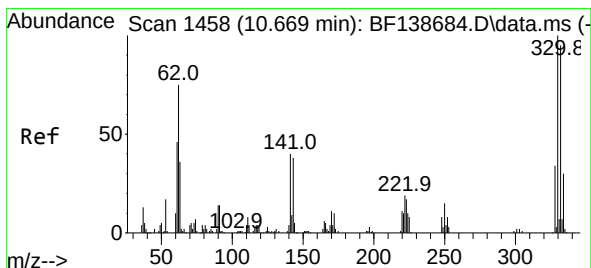
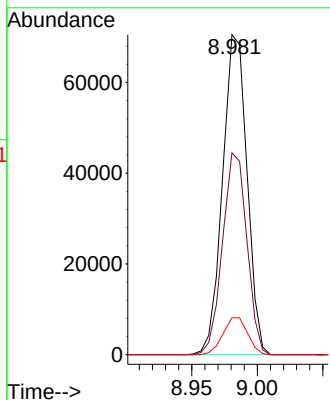
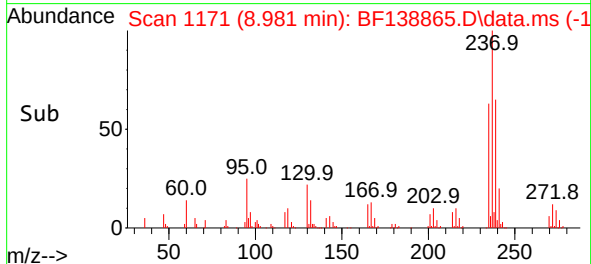
Instrument :
BNA_F
ClientSampleId :
PB162421BS



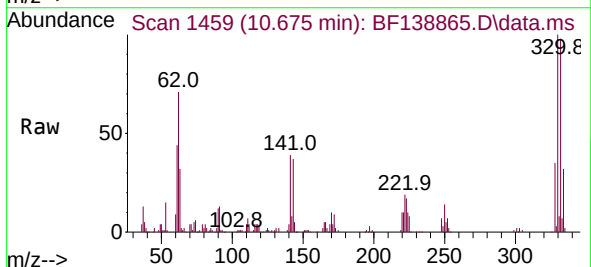
Tgt Ion:237 Resp: 91578
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 11.6 0.0 32.2

Manual Integrations
APPROVED

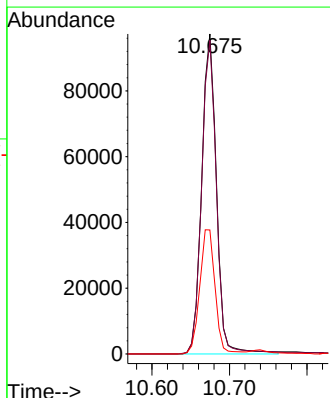
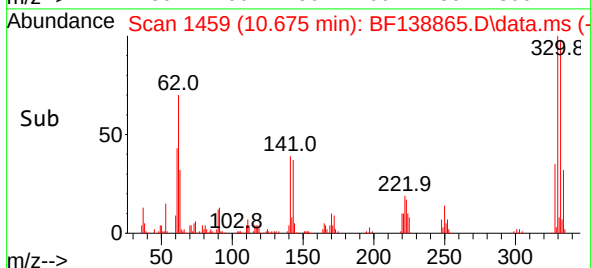
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

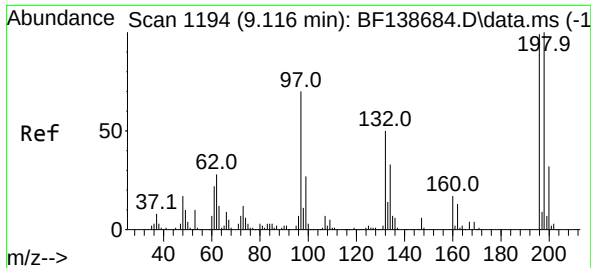


#42
2,4,6-Tribromophenol
Concen: 131.481 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion:330 Resp: 128715
Ion Ratio Lower Upper
330 100
332 98.7 76.4 114.6
141 40.5 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 44.092 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

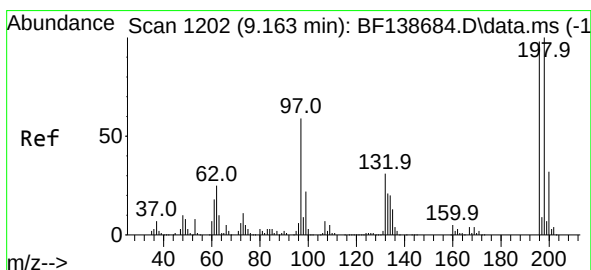
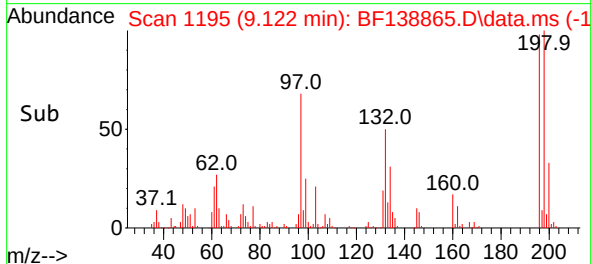
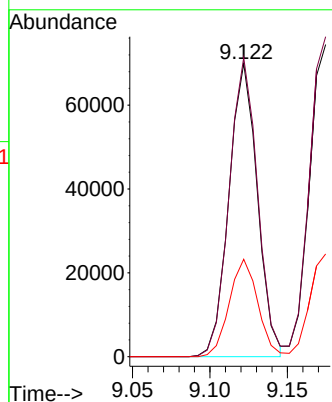
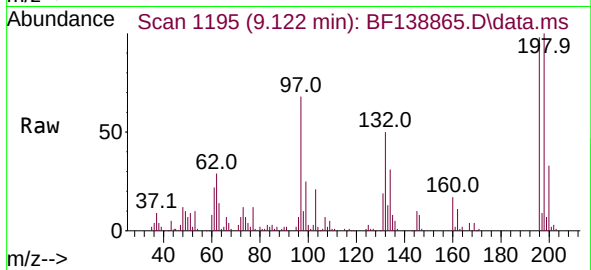
PB162421BS

Tgt Ion:196 Resp: 8925
Ion Ratio Lower Upper
196 100
198 102.1 80.5 120.7
200 33.2 25.9 38.9

Manual Integrations

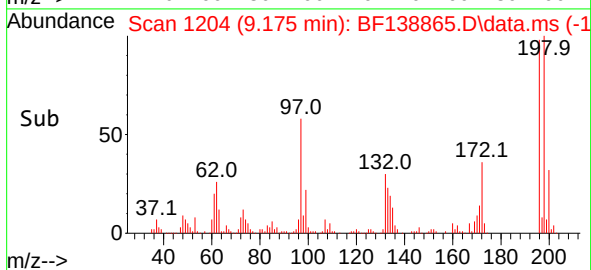
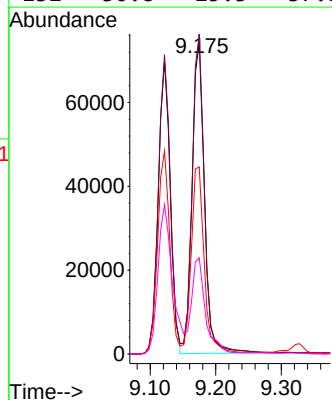
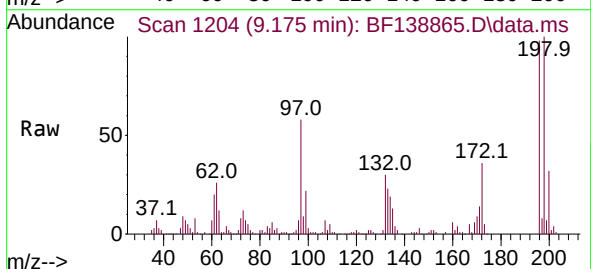
APPROVED

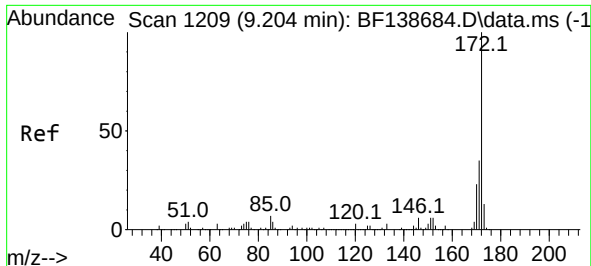
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#44
2,4,5-Trichlorophenol
Concen: 43.889 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:196 Resp: 97120
Ion Ratio Lower Upper
196 100
198 102.5 81.2 121.8
97 59.9 47.8 71.6
132 30.8 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 86.037 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

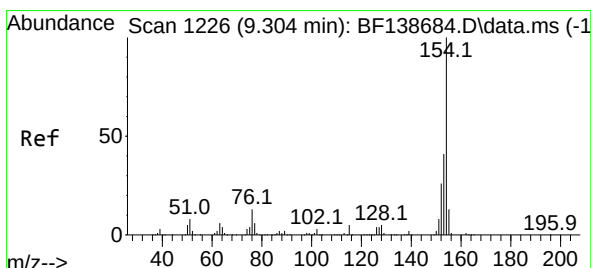
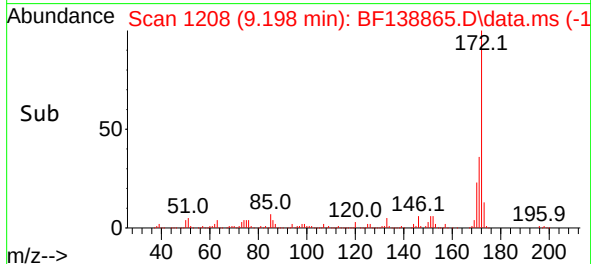
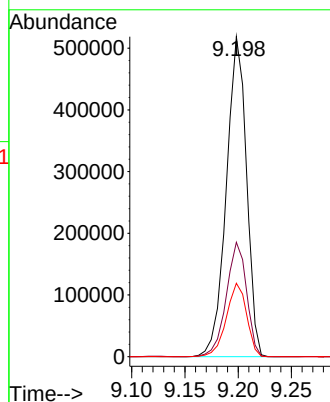
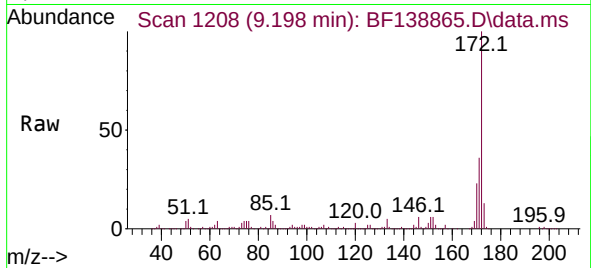
PB162421BS

Tgt Ion:172 Resp: 68435
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.0 18.8 28.2

Manual Integrations

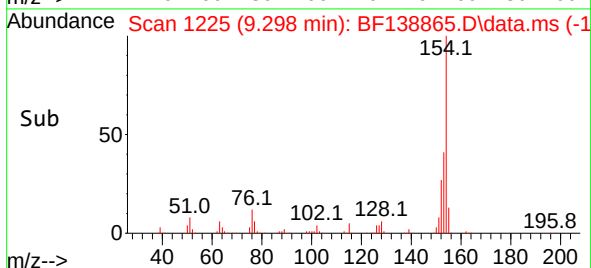
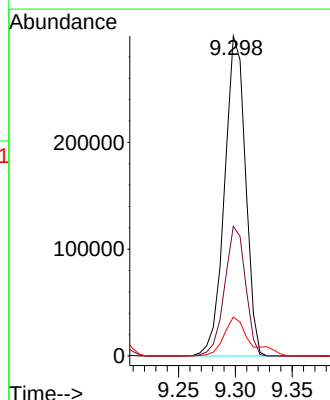
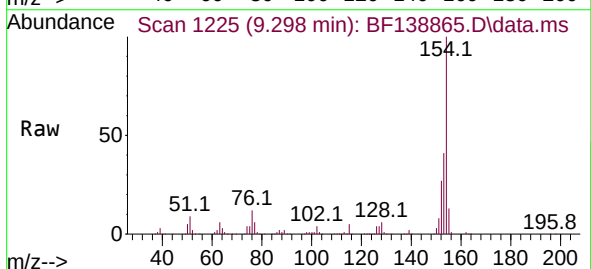
APPROVED

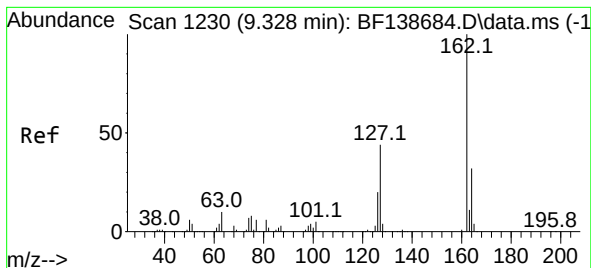
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#46
1,1'-Biphenyl
Concen: 41.008 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:154 Resp: 383838
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 12.1 0.0 32.8





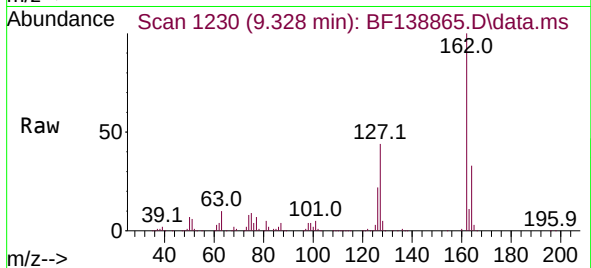
#47
2-Chloronaphthalene
Concen: 43.094 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS

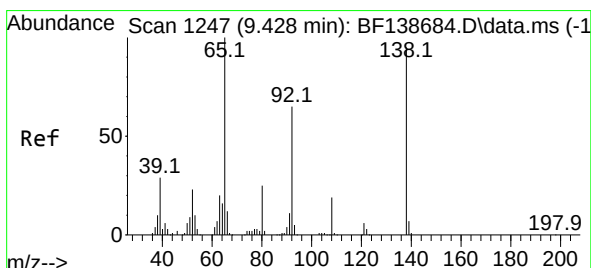
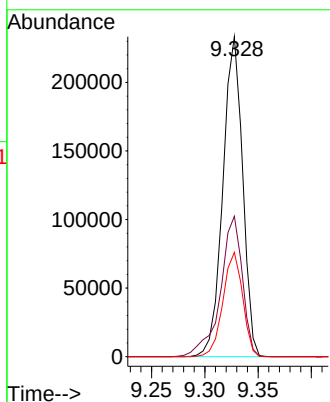
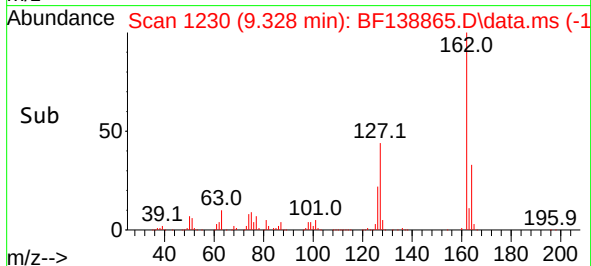


Tgt Ion:162 Resp: 29999
Ion Ratio Lower Upper
162 100
127 43.9 35.4 53.2
164 32.6 25.6 38.4

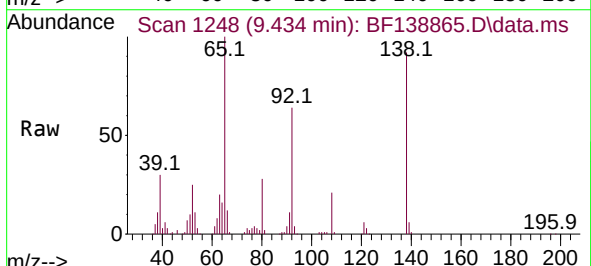
Manual Integrations

APPROVED

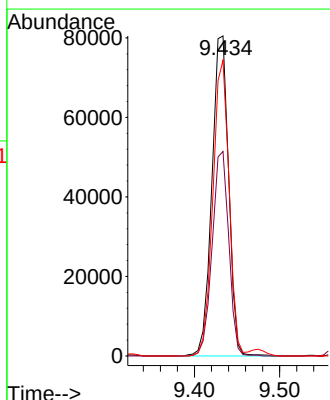
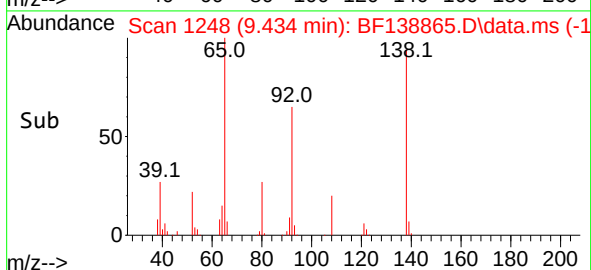
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

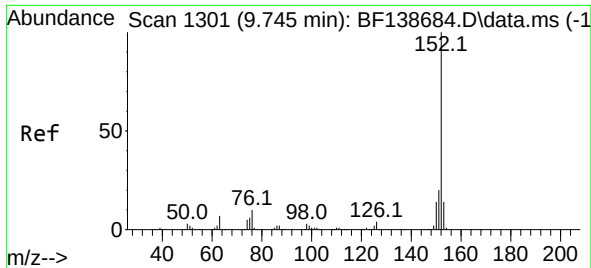


#48
2-Nitroaniline
Concen: 46.562 ng
RT: 9.434 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion: 65 Resp: 109884
Ion Ratio Lower Upper
65 100
92 63.9 52.0 78.0
138 92.4 76.2 114.4





#49
Acenaphthylene
Concen: 47.855 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

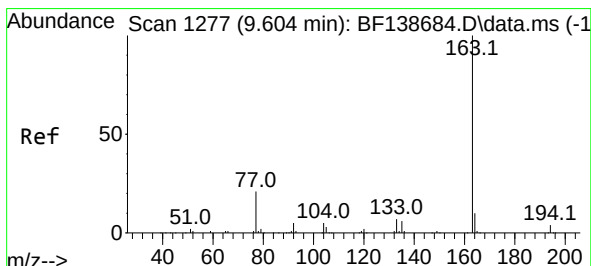
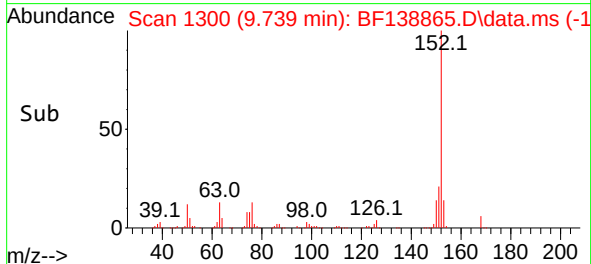
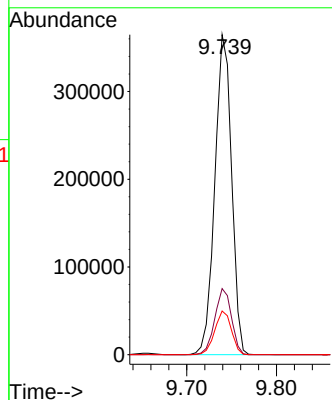
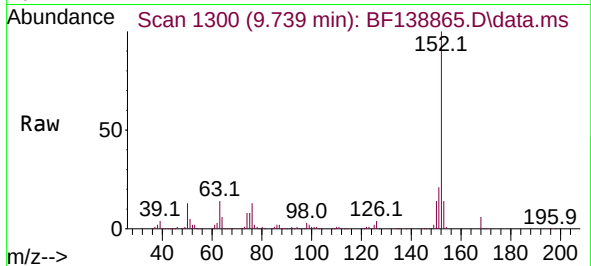
PB162421BS

Tgt Ion:152 Resp: 472480
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.7 11.0 16.4

Manual Integrations

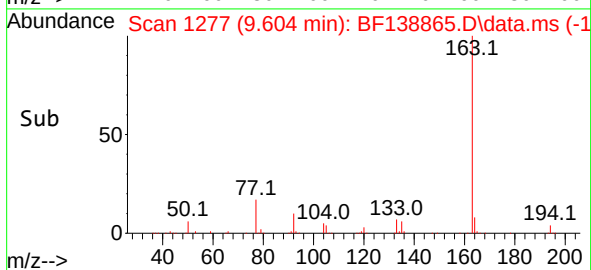
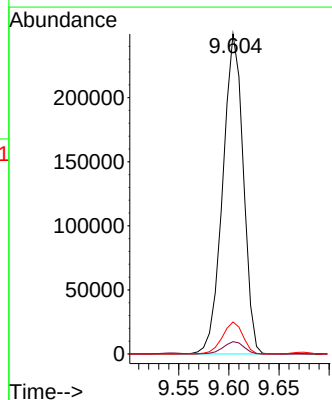
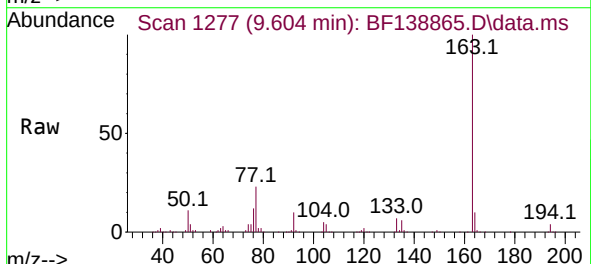
APPROVED

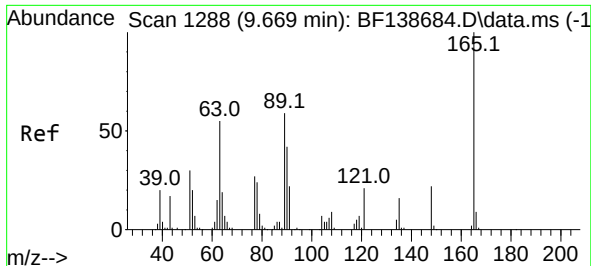
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#50
Dimethylphthalate
Concen: 46.572 ng
RT: 9.604 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

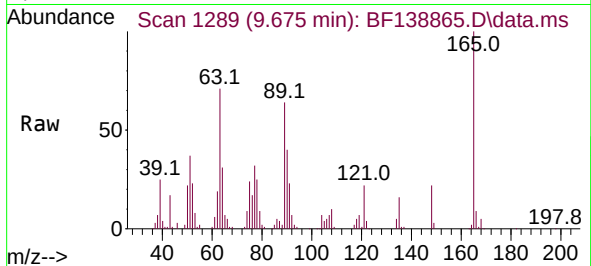
Tgt Ion:163 Resp: 355892
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 45.031 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

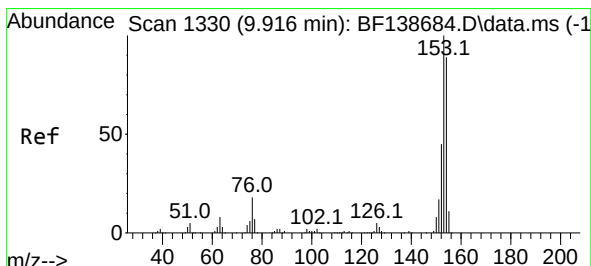
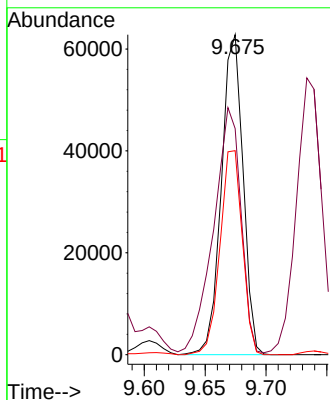
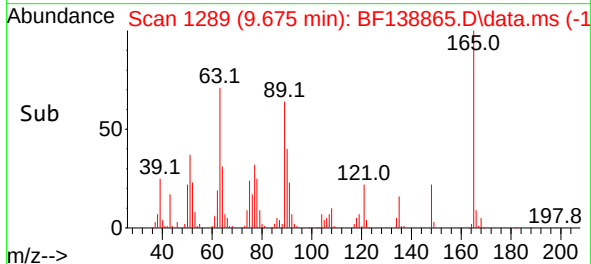
Instrument :
BNA_F
ClientSampleId :
PB162421BS



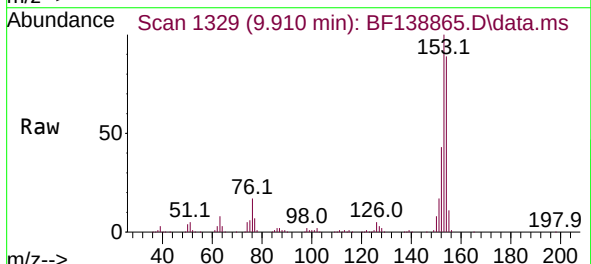
Tgt Ion:165 Resp: 7766
Ion Ratio Lower Upper
165 100
63 70.7 52.0 78.0
89 63.7 47.0 70.6

Manual Integrations
APPROVED

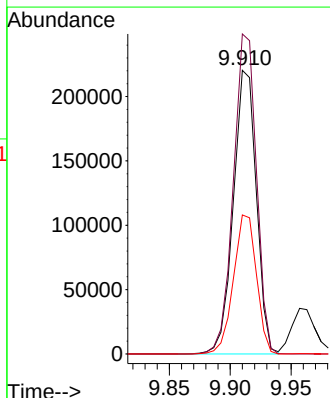
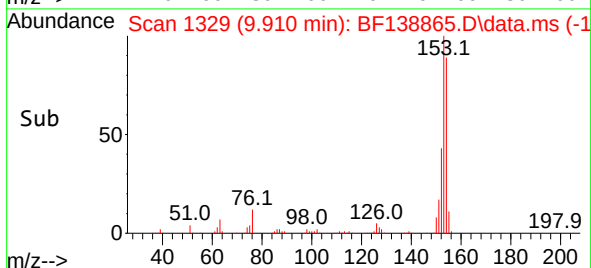
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

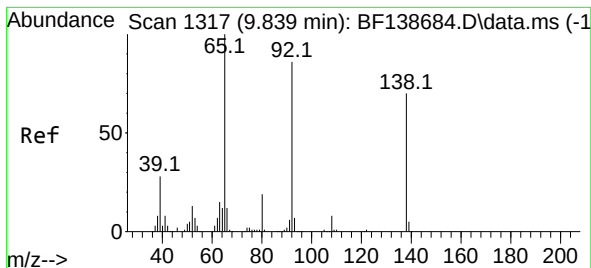


#52
Acenaphthene
Concen: 43.648 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



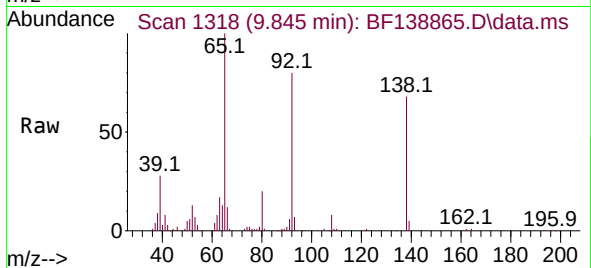
Tgt Ion:154 Resp: 289688
Ion Ratio Lower Upper
154 100
153 112.8 89.9 134.9
152 49.0 40.6 60.8





#53
3-Nitroaniline
Concen: 29.949 ng
RT: 9.845 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

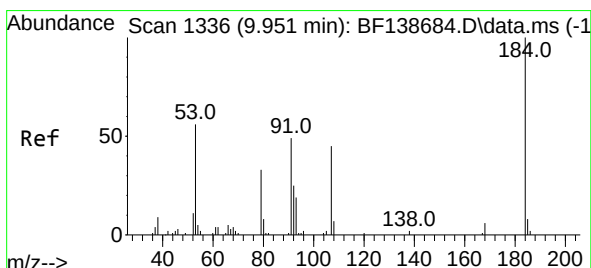
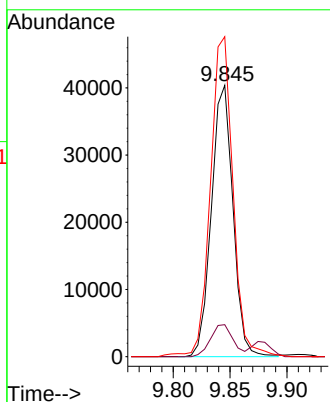
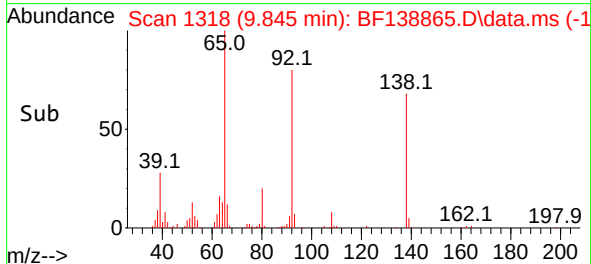
Instrument :
BNA_F
ClientSampleId :
PB162421BS



Tgt Ion:138 Resp: 53394
Ion Ratio Lower Upper
138 100
108 11.8 9.1 13.7
92 117.9 98.7 148.1

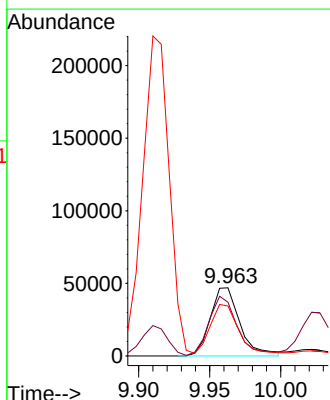
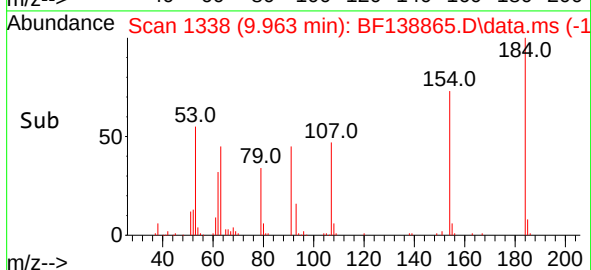
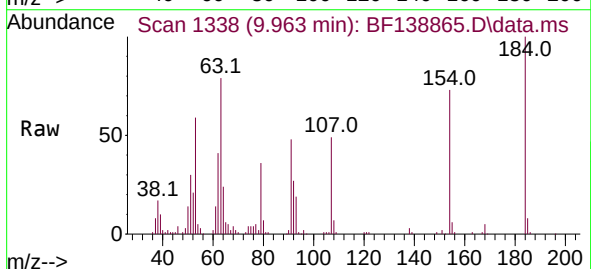
Manual Integrations
APPROVED

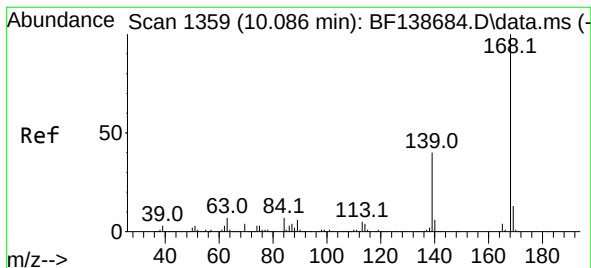
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#54
2,4-Dinitrophenol
Concen: 85.949 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

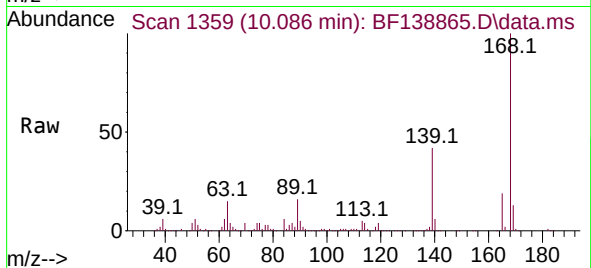
Tgt Ion:184 Resp: 68234
Ion Ratio Lower Upper
184 100
63 78.8 57.5 86.3
154 73.3 51.7 77.5





#55
Dibenzenofuran
Concen: 45.662 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

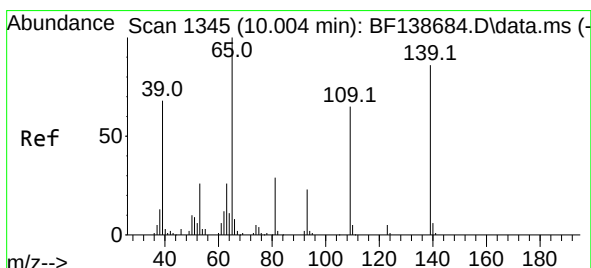
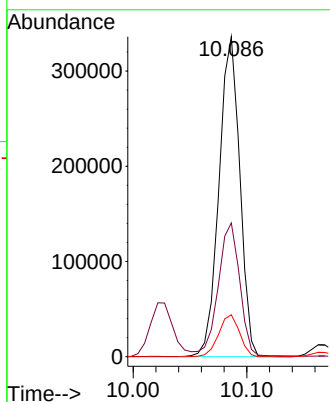
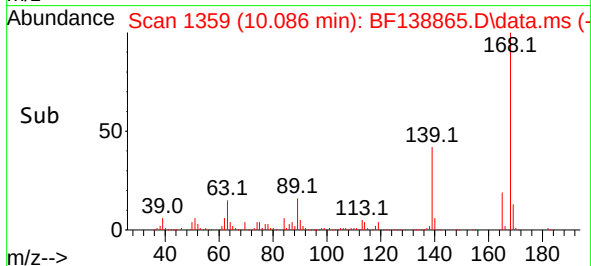
Instrument :
BNA_F
ClientSampleId :
PB162421BS



Tgt Ion:168 Resp: 427792
Ion Ratio Lower Upper
168 100
139 41.8 32.6 49.0
169 13.1 10.7 16.1

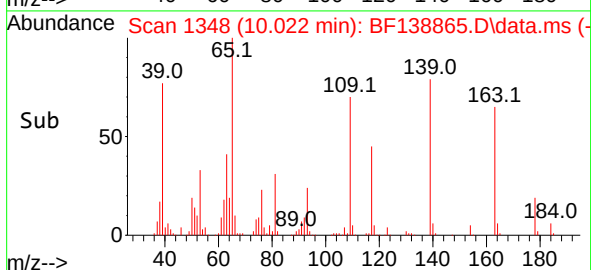
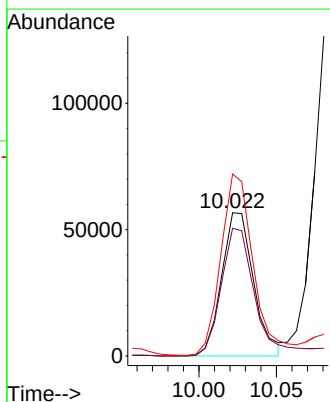
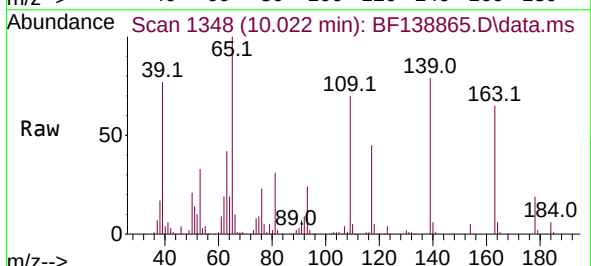
Manual Integrations
APPROVED

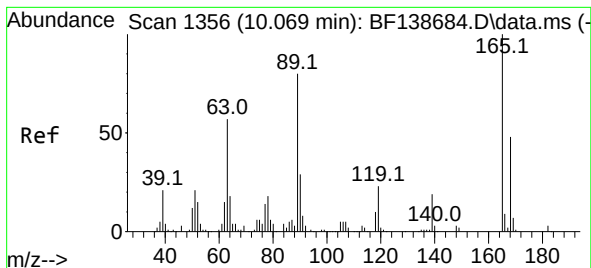
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#56
4-Nitrophenol
Concen: 75.868 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:139 Resp: 81339
Ion Ratio Lower Upper
139 100
109 89.1 55.5 95.5
65 127.0 96.7 136.7





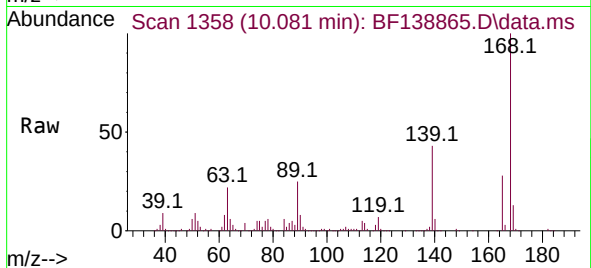
#57
2,4-Dinitrotoluene
Concen: 48.025 ng
RT: 10.081 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS

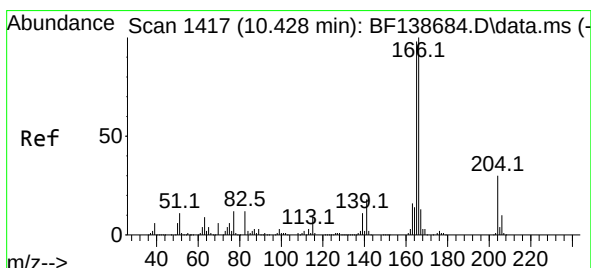
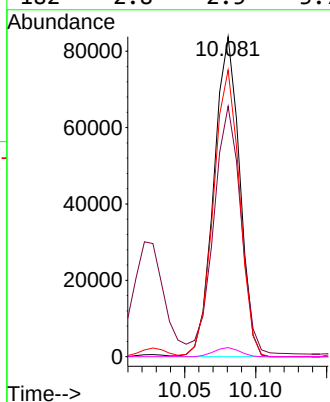
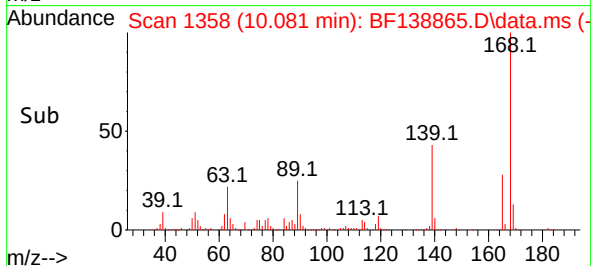


Tgt Ion:165 Resp: 105672
Ion Ratio Lower Upper
165 100
63 78.2 46.3 69.5
89 89.6 64.2 96.4
182 2.8 2.5 3.7

Manual Integrations

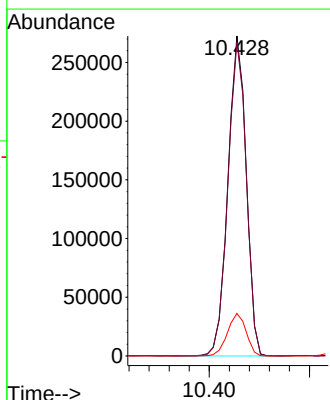
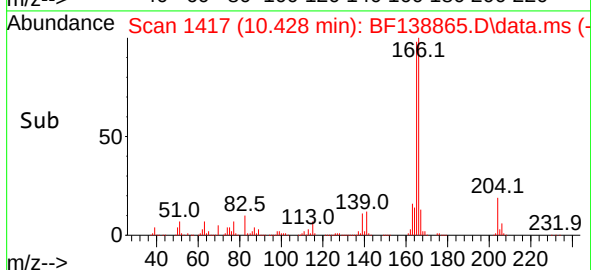
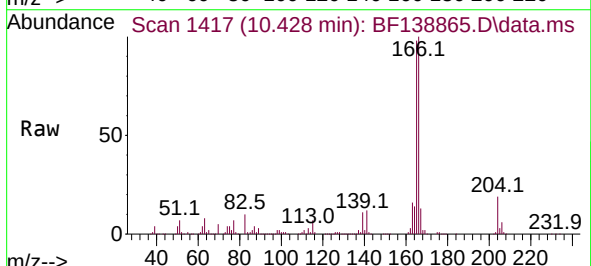
APPROVED

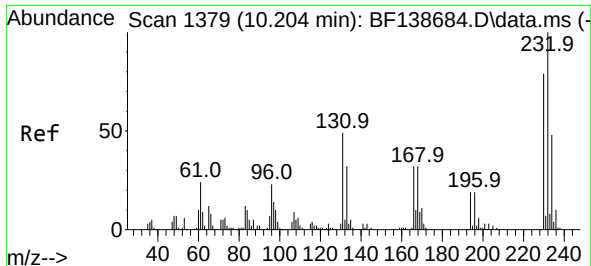
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#58
Fluorene
Concen: 46.342 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

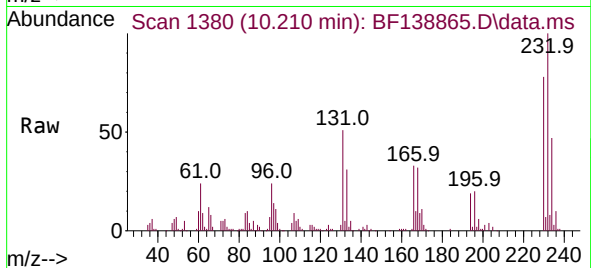
Tgt Ion:166 Resp: 345742
Ion Ratio Lower Upper
166 100
165 98.0 78.4 117.6
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.126 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

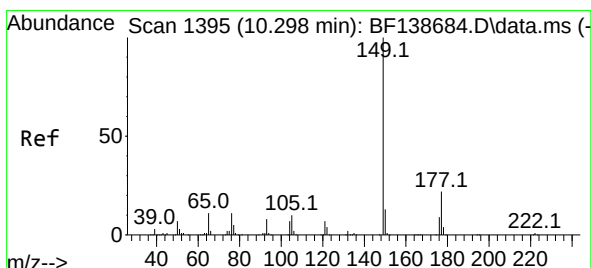
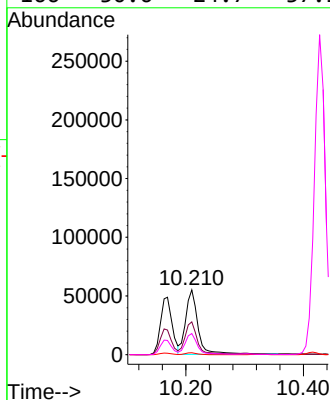
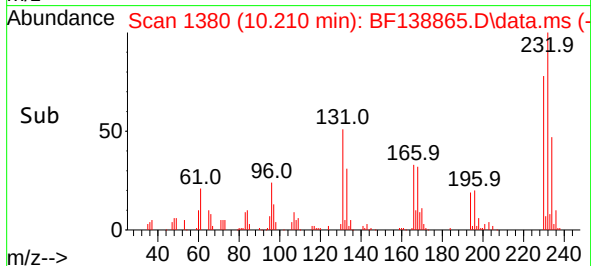
Instrument :
BNA_F
ClientSampleId :
PB162421BS



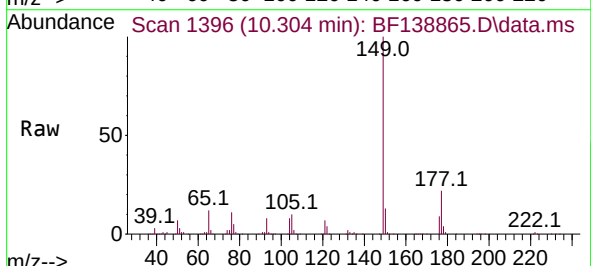
Tgt Ion:232 Resp: 7972
Ion Ratio Lower Upper
232 100
131 50.3 37.0 55.4
130 2.9 2.0 3.0
166 30.6 24.7 37.1

Manual Integrations
APPROVED

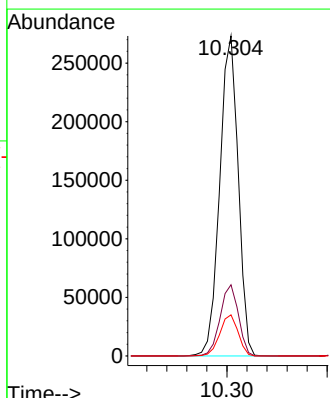
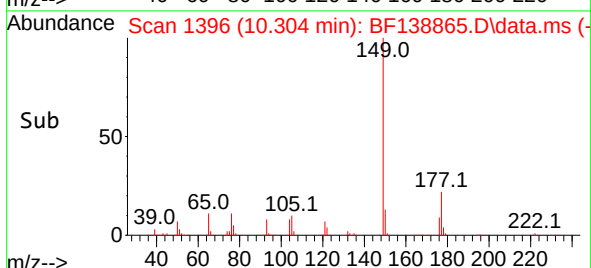
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

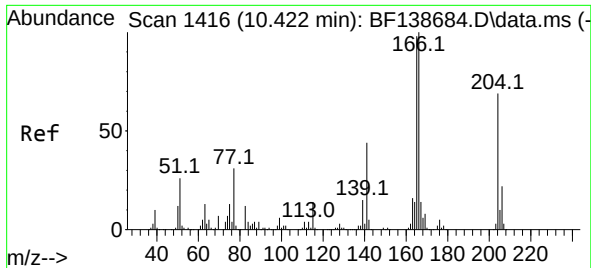


#60
Diethylphthalate
Concen: 48.104 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



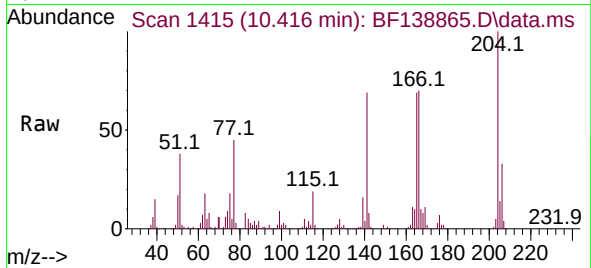
Tgt Ion:149 Resp: 348550
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.132 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

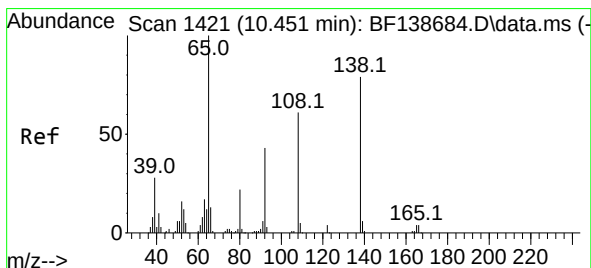
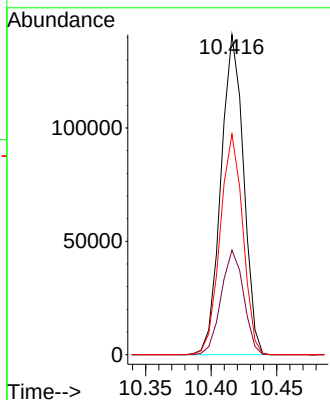
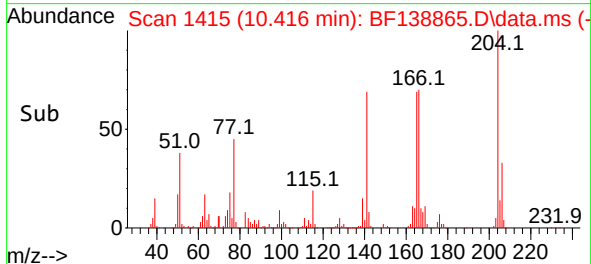
Instrument :
BNA_F
ClientSampleId :
PB162421BS



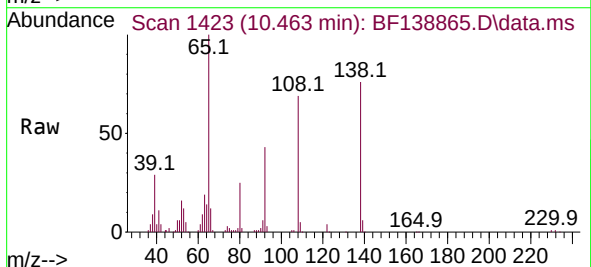
Tgt Ion:204 Resp: 16927
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 68.9 51.4 77.0

Manual Integrations
APPROVED

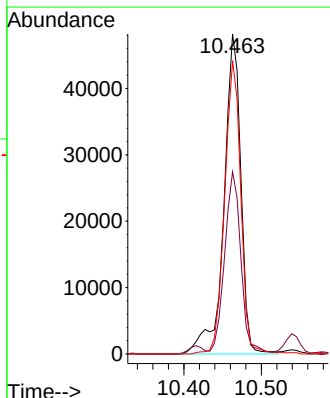
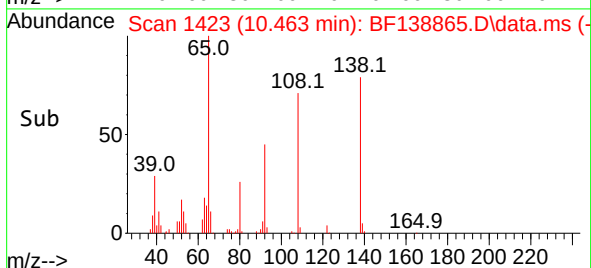
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

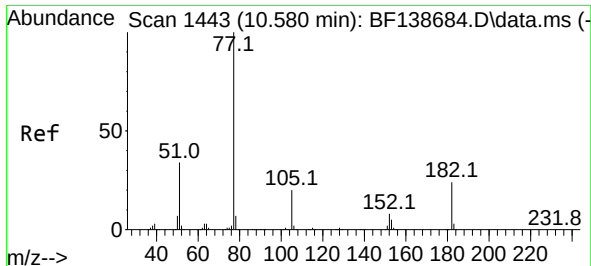


#62
4-Nitroaniline
Concen: 43.436 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion:138 Resp: 73592
Ion Ratio Lower Upper
138 100
92 57.0 34.2 74.2
108 91.7 56.2 96.2





#63
Azobenzene
Concen: 45.886 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

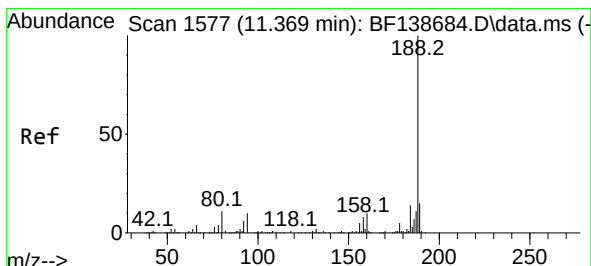
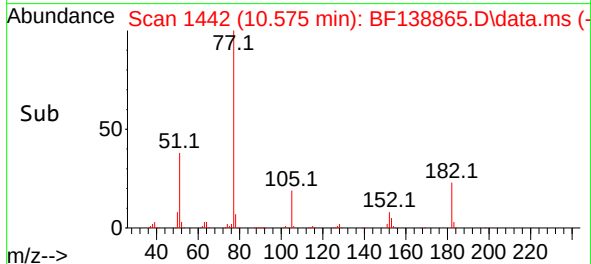
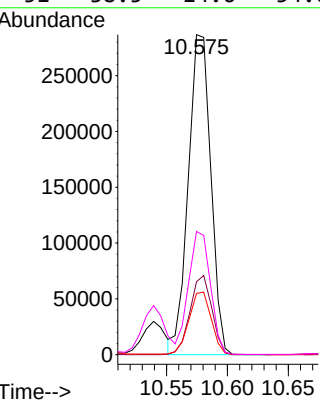
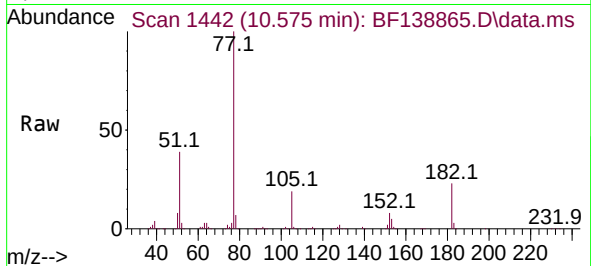
ClientSampleId :

PB162421BS

Tgt Ion: 77 Resp: 36875
Ion Ratio Lower Upper
77 100
182 22.8 3.4 43.4
105 19.2 0.2 40.2
51 38.5 14.6 54.6

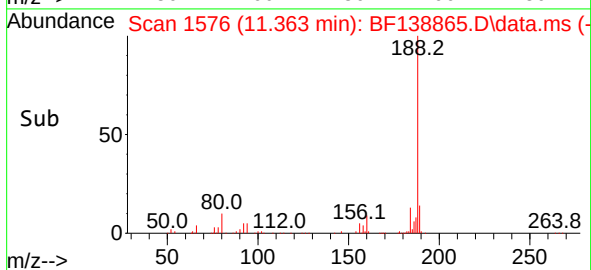
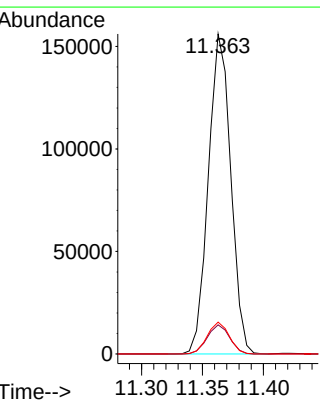
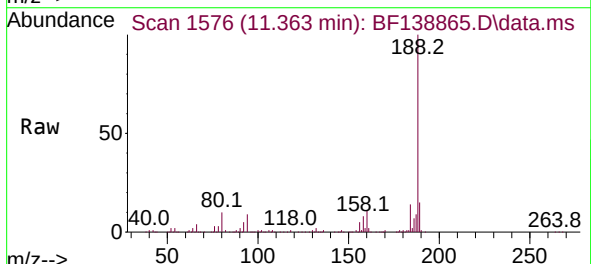
Manual Integrations
APPROVED

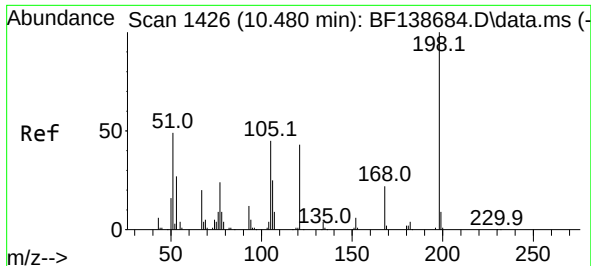
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:188 Resp: 200005
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.9 8.6 12.8





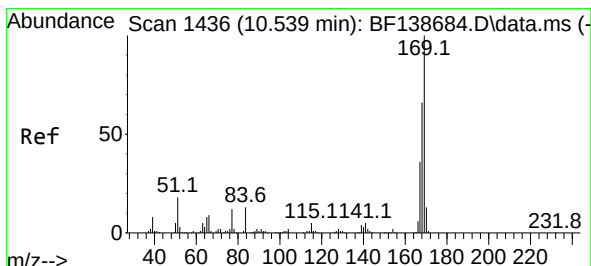
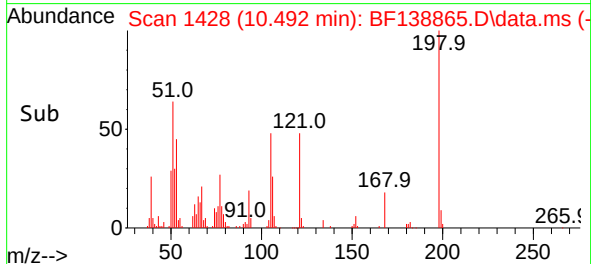
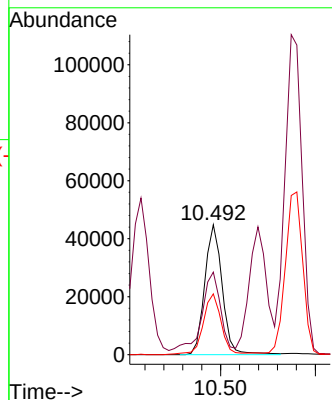
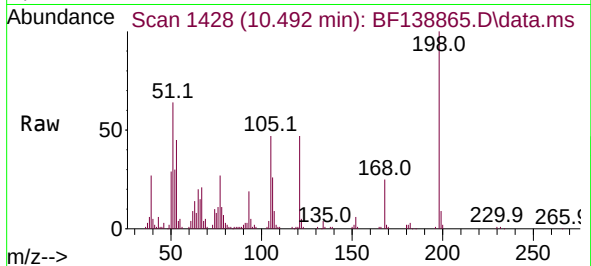
#65
4,6-Dinitro-2-methylphenol
Concen: 47.028 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :
BNA_F
ClientSampleId :
PB162421BS

Tgt Ion:198 Resp: 57384
Ion Ratio Lower Upper
198 100
51 63.6 39.9 79.9
105 46.8 26.1 66.1

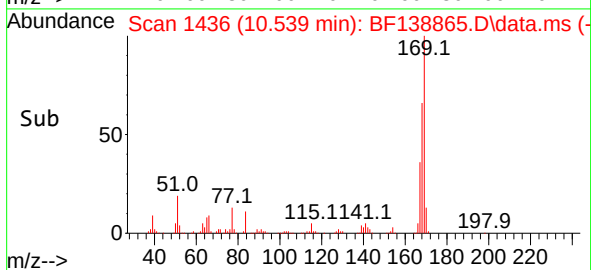
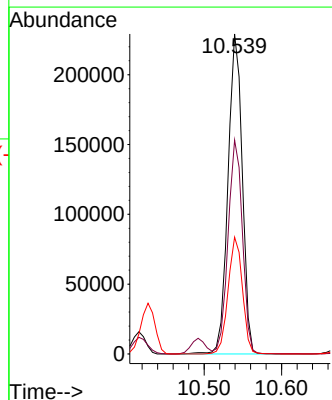
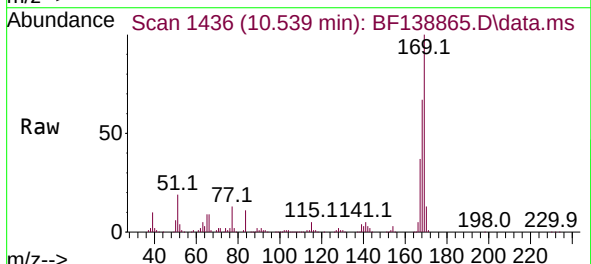
Manual Integrations
APPROVED

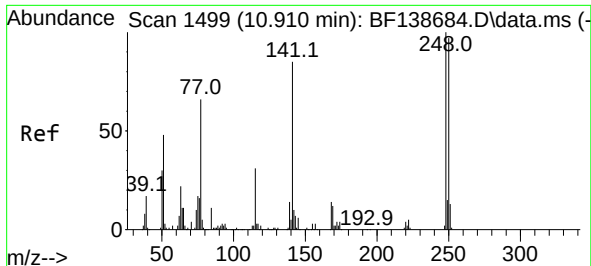
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#66
n-Nitrosodiphenylamine
Concen: 46.935 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

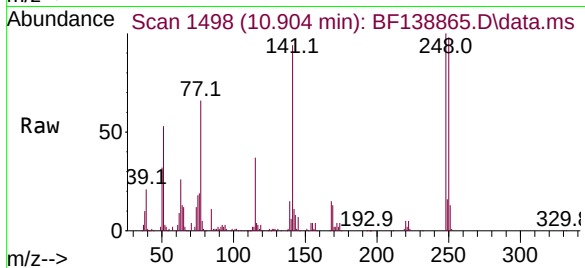
Tgt Ion:169 Resp: 293422
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 36.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 44.808 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

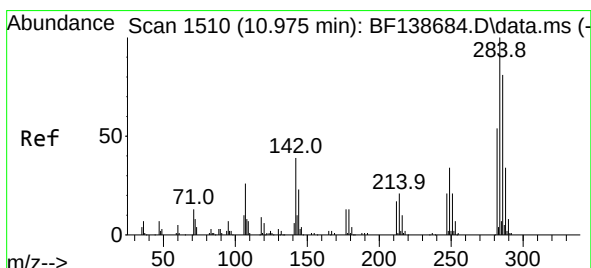
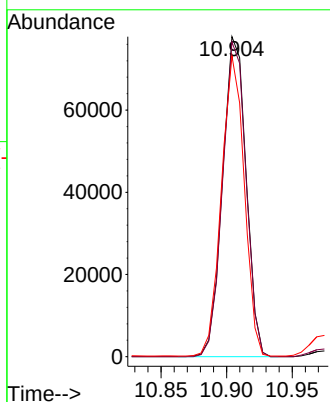
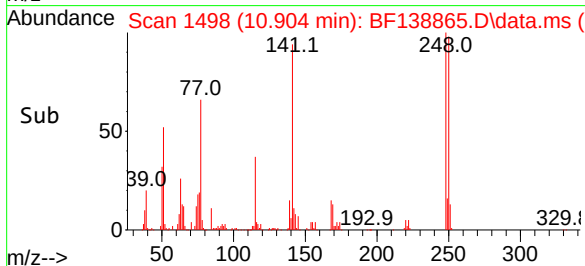
Instrument :
BNA_F
ClientSampleId :
PB162421BS



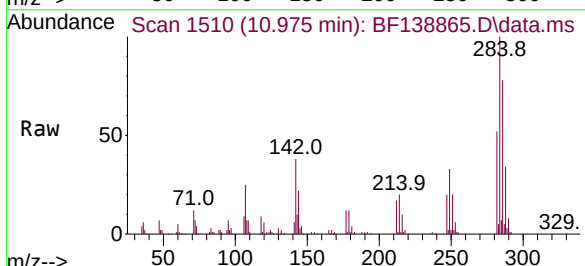
Tgt Ion:248 Resp: 97029
Ion Ratio Lower Upper
248 100
250 98.3 77.7 116.5
141 94.0 68.0 102.0

Manual Integrations
APPROVED

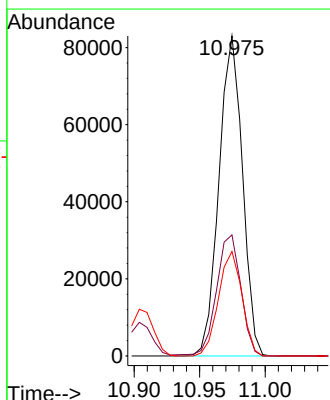
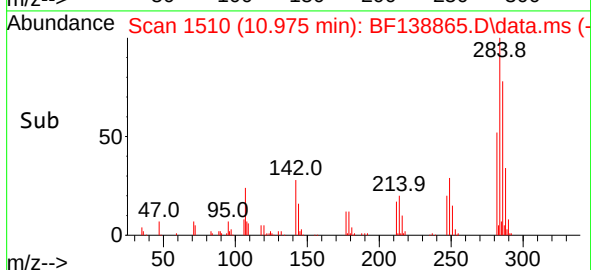
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

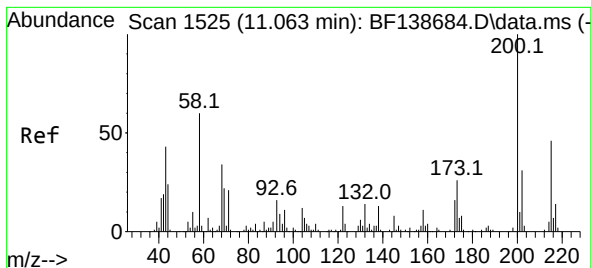


#68
Hexachlorobenzene
Concen: 46.209 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion:284 Resp: 103316
Ion Ratio Lower Upper
284 100
142 37.9 31.3 46.9
249 32.6 27.2 40.8





#69

Atrazine

Concen: 54.476 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS

Tgt Ion:200 Resp: 8786

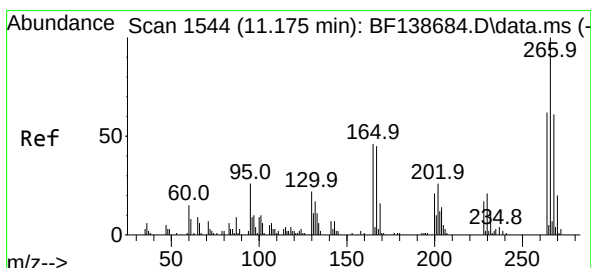
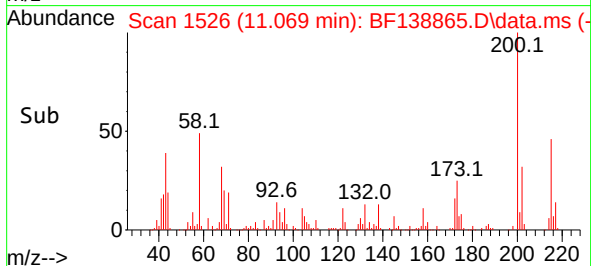
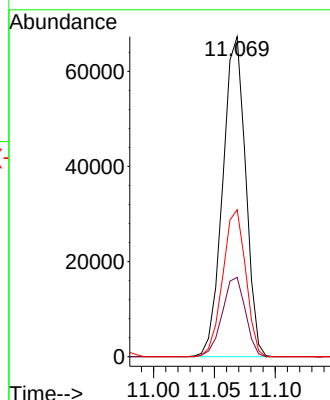
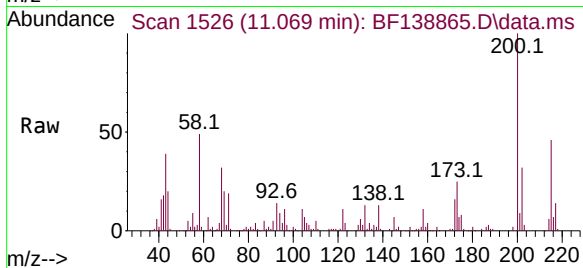
Ion	Ratio	Lower	Upper
200	100		
173	24.8	6.0	46.0
215	46.0	26.1	66.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#70

Pentachlorophenol

Concen: 72.874 ng

RT: 11.175 min Scan# 1544

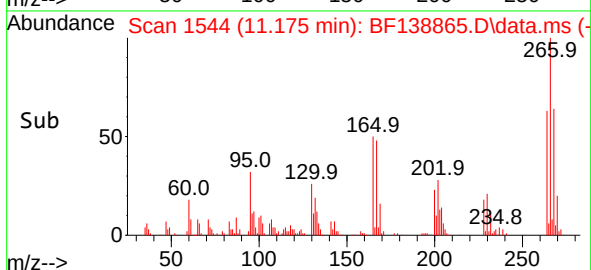
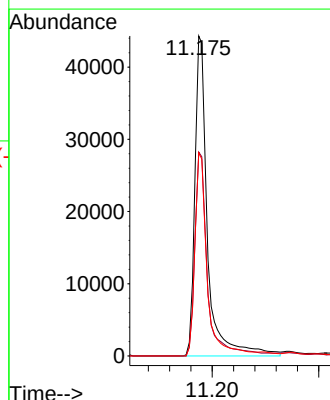
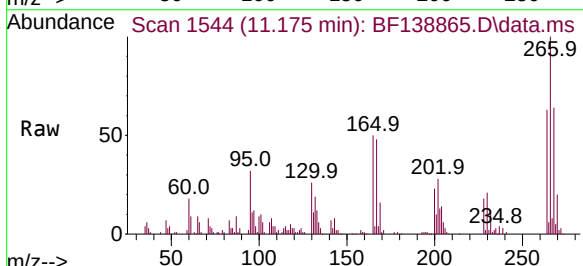
Delta R.T. -0.000 min

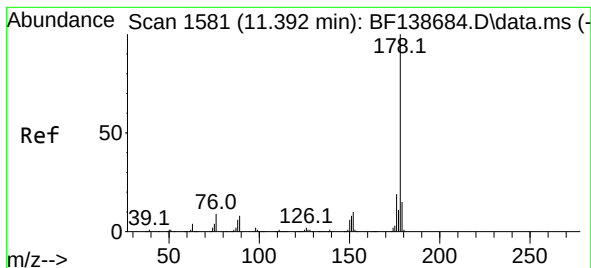
Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Tgt Ion:266 Resp: 73441

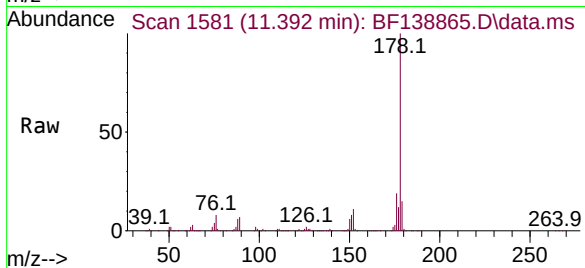
Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.2	73.8
264	63.5	49.8	74.6





#71
Phenanthrene
Concen: 47.820 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

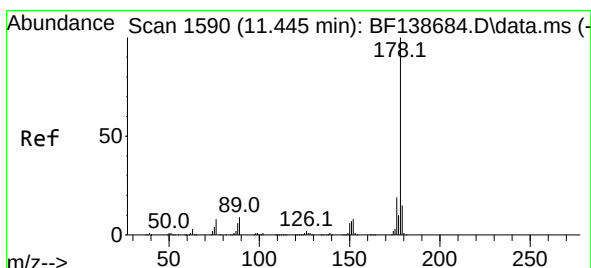
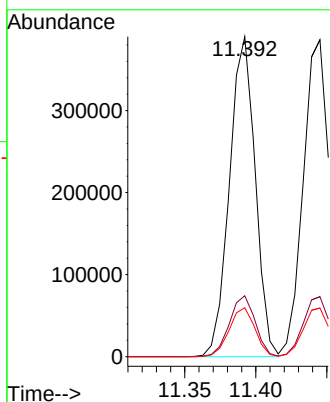
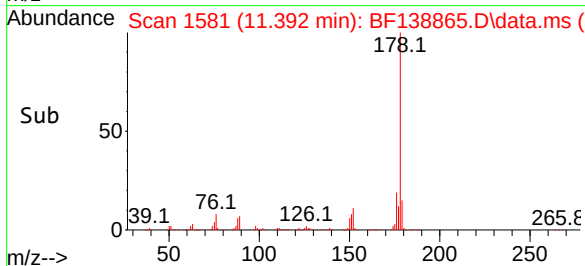
Instrument :
BNA_F
ClientSampleId :
PB162421BS



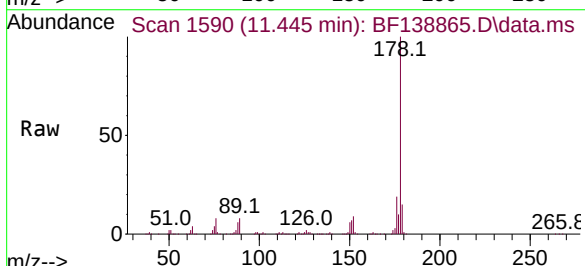
Tgt Ion:178 Resp: 492485
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.2 18.2

Manual Integrations
APPROVED

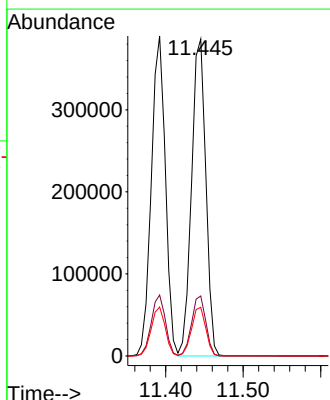
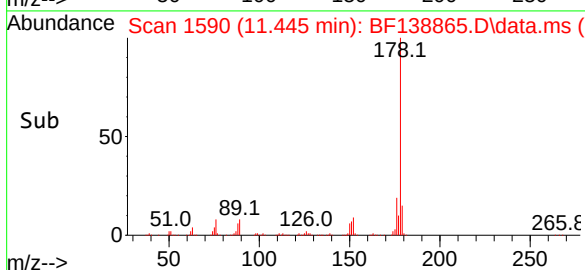
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

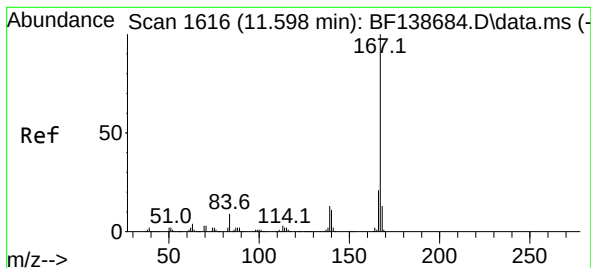


#72
Anthracene
Concen: 48.634 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion:178 Resp: 493425
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.4 12.4 18.6





#73

Carbazole

Concen: 46.991 ng

RT: 11.598 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

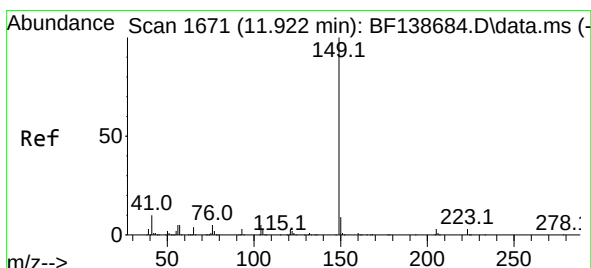
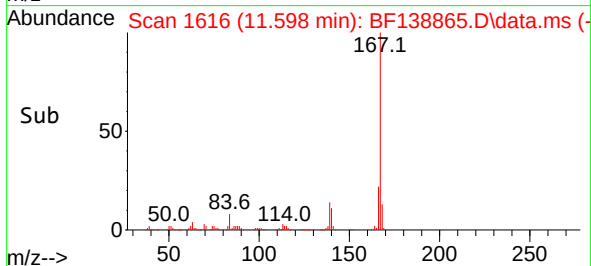
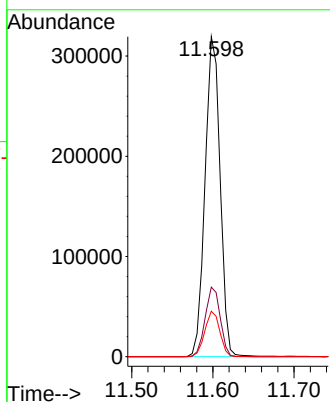
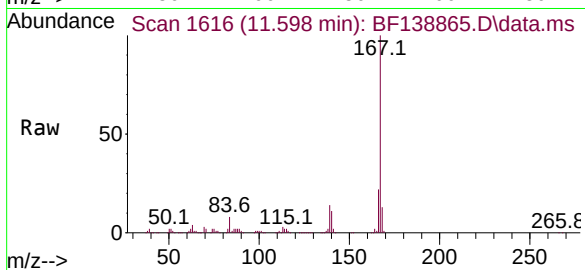
PB162421BS

Tgt Ion:167	Resp: 411310
Ion Ratio	Lower Upper
167 100	
166 21.8	17.2 25.8
139 14.2	10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#74

Di-n-butylphthalate

Concen: 53.334 ng

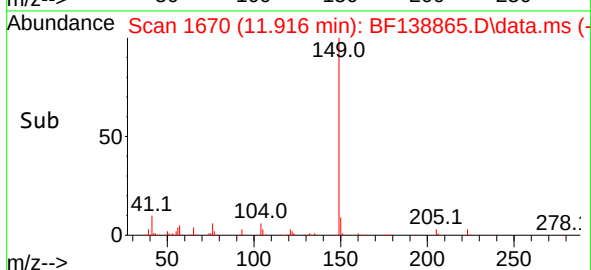
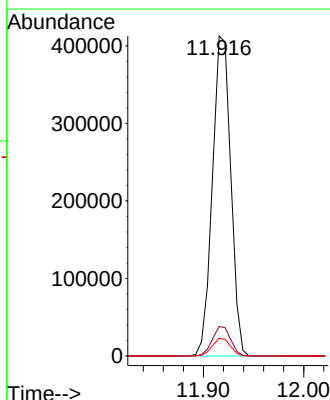
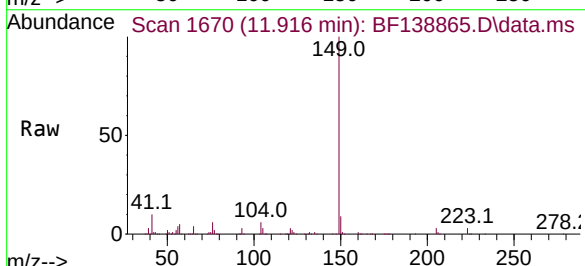
RT: 11.916 min Scan# 1670

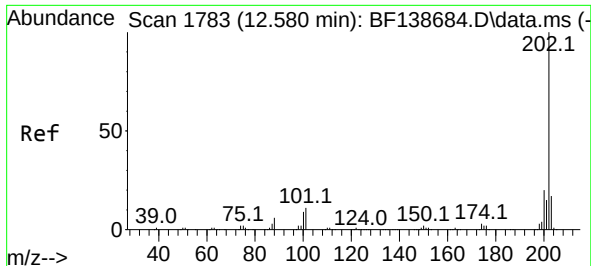
Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

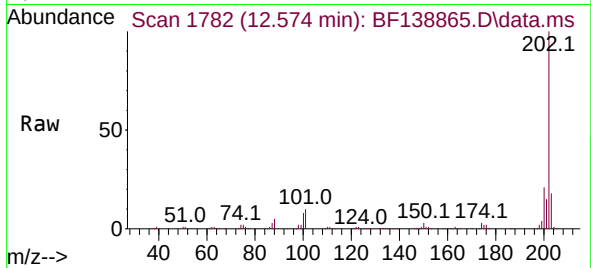
Tgt Ion:149	Resp: 524798
Ion Ratio	Lower Upper
149 100	
150 9.2	7.4 11.0
104 5.5	4.1 6.1





#75
Fluoranthene
Concen: 47.974 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

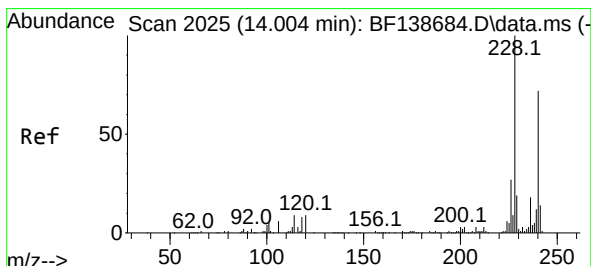
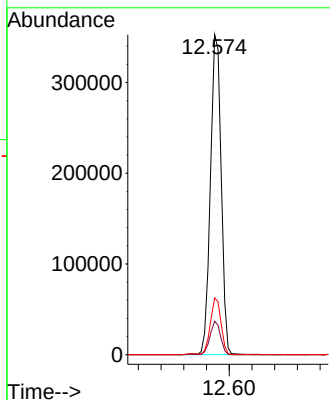
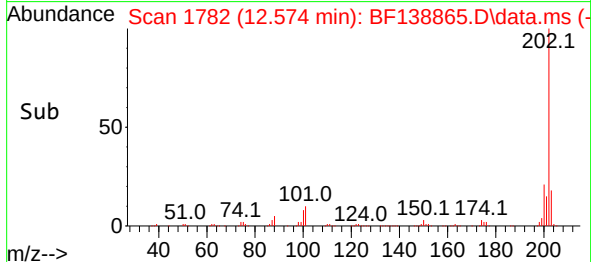
Instrument :
BNA_F
ClientSampleId :
PB162421BS



Tgt Ion:202 Resp: 461240
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.2
203 17.8 0.0 37.3

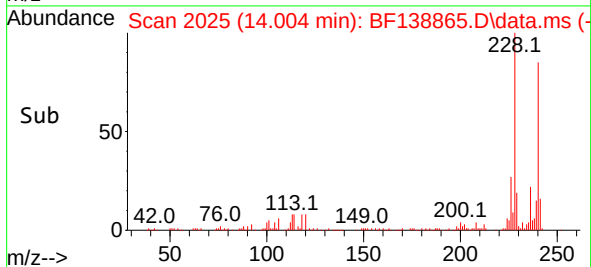
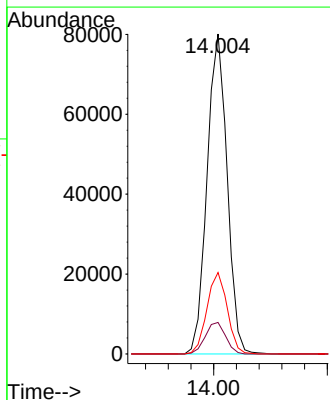
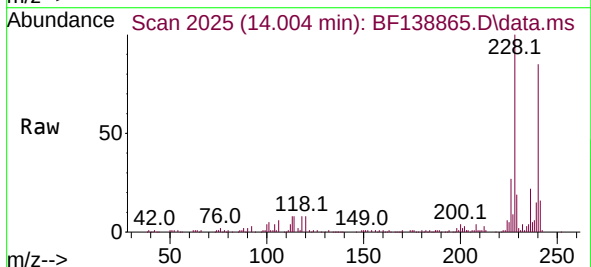
Manual Integrations
APPROVED

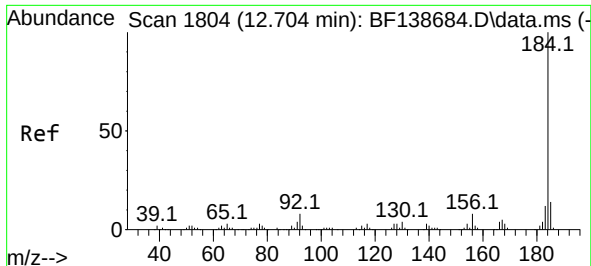
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

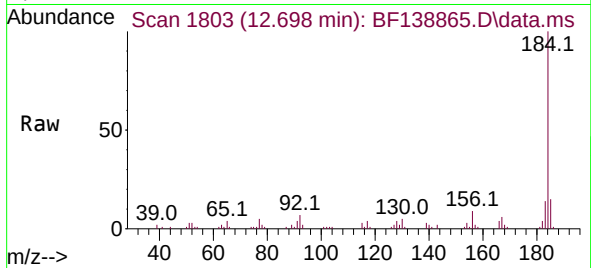
Tgt Ion:240 Resp: 98145
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 25.4 19.8 29.8





#77
Benzidine
Concen: 14.184 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

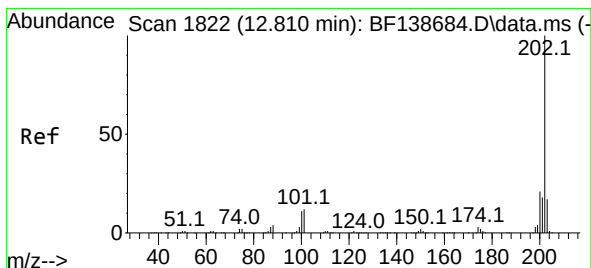
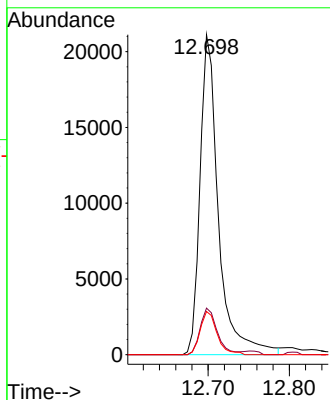
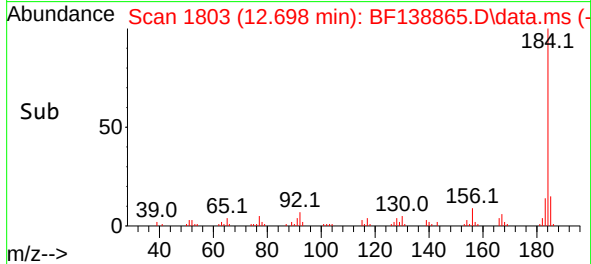
Instrument :
BNA_F
ClientSampleId :
PB162421BS



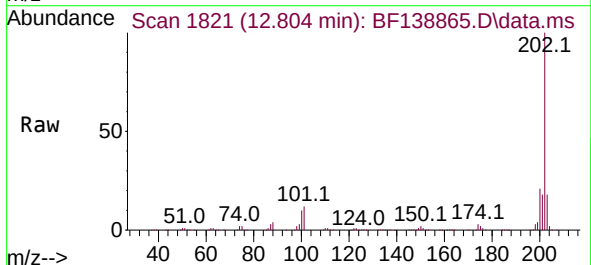
Tgt Ion:184 Resp: 3329
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 13.5 9.6 14.4

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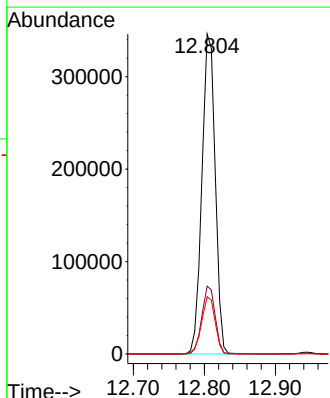
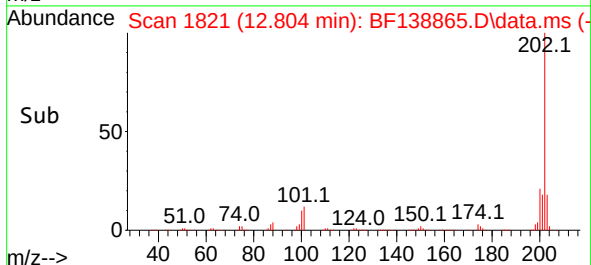
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

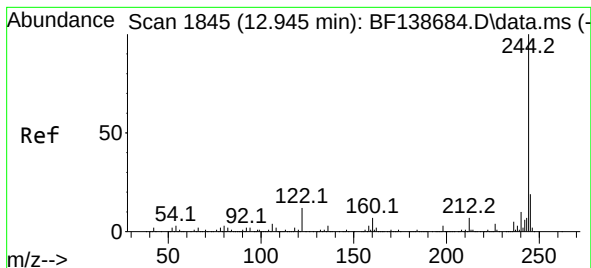


#78
Pyrene
Concen: 49.001 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion:202 Resp: 452799
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 112.158 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138865.D

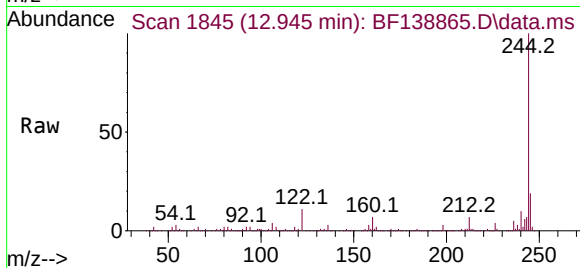
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS



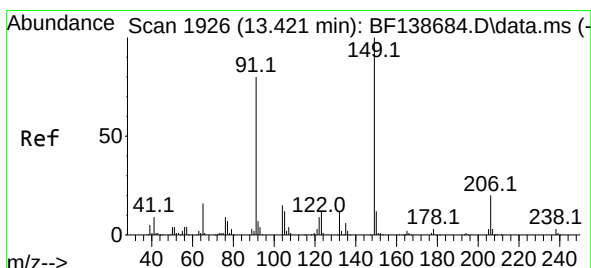
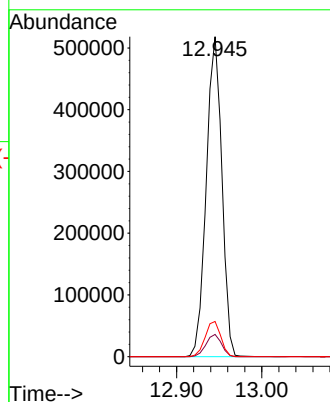
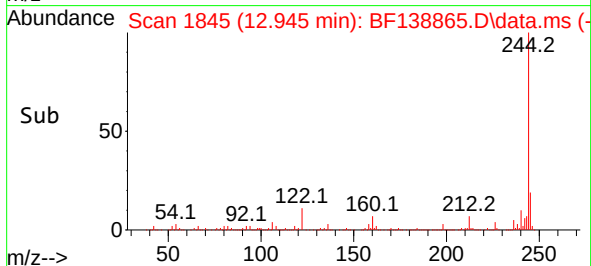
Tgt Ion:	244	Resp:	657469
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.2
122	11.0	9.6	14.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#80

Butylbenzylphthalate

Concen: 52.311 ng

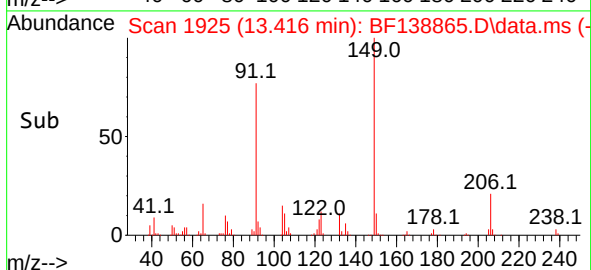
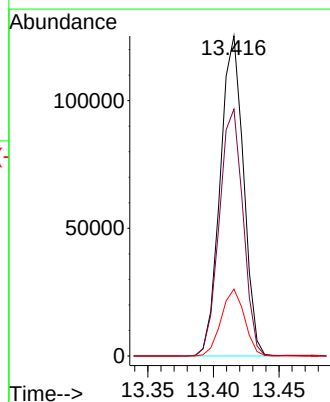
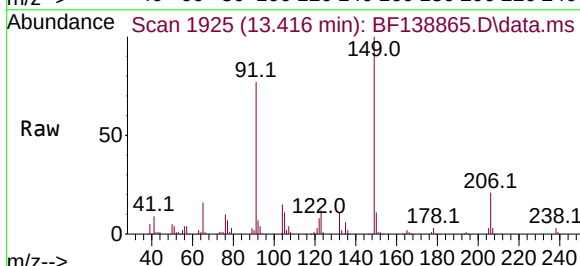
RT: 13.416 min Scan# 1925

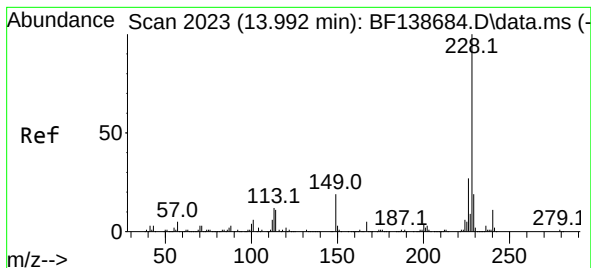
Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Tgt Ion:	149	Resp:	154793
Ion Ratio	Lower	Upper	
149	100		
91	77.2	63.7	95.5
206	20.9	16.2	24.2





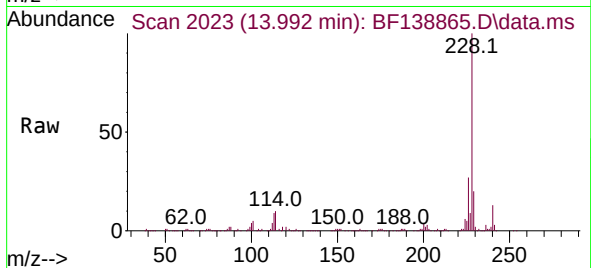
#81
Benzo(a)anthracene
Concen: 47.005 ng
RT: 13.992 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS

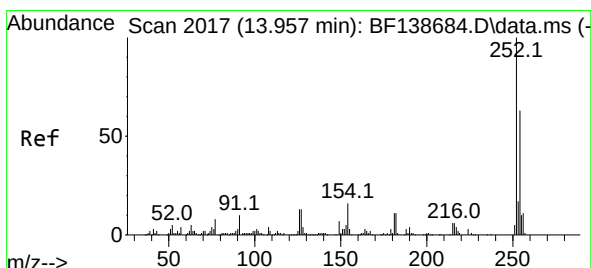
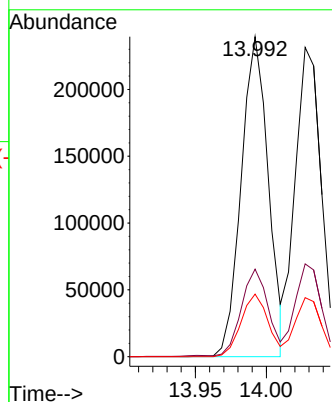
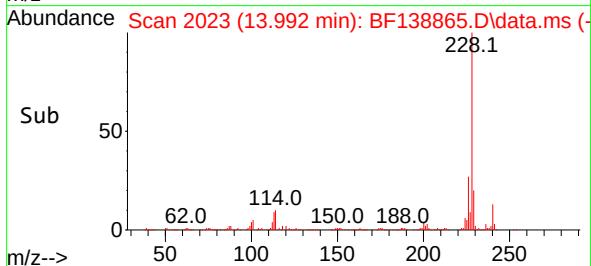


Tgt Ion:228 Resp: 317684
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.5 15.4 23.0

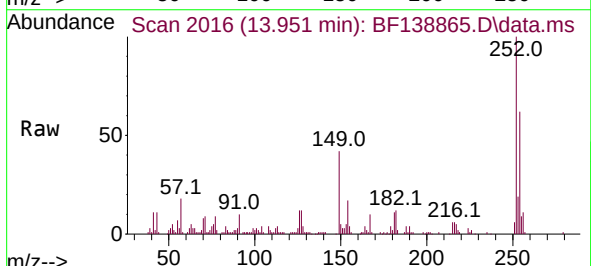
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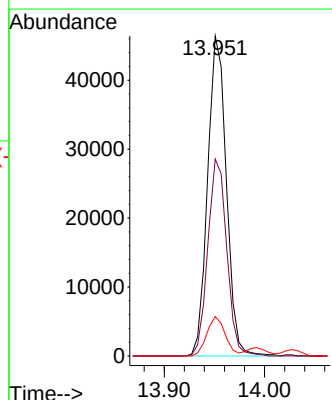
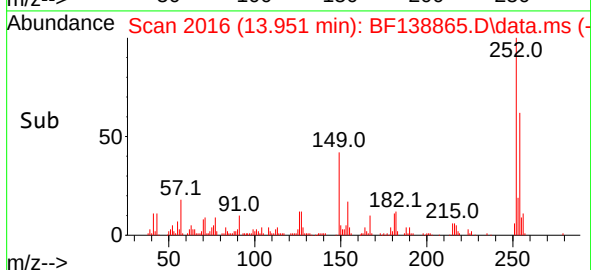
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

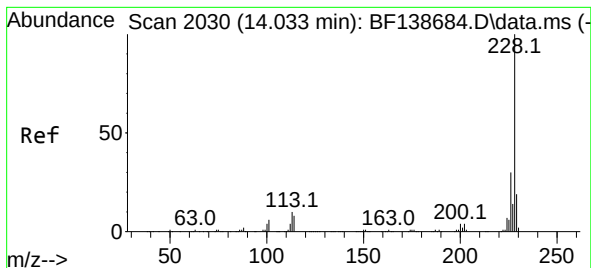


#82
3,3'-Dichlorobenzidine
Concen: 34.835 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion:252 Resp: 60248
Ion Ratio Lower Upper
252 100
254 61.6 50.8 76.2
126 12.3 10.2 15.2





#83

Chrysene

Concen: 48.328 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS

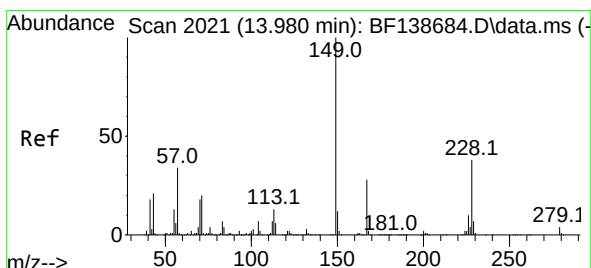
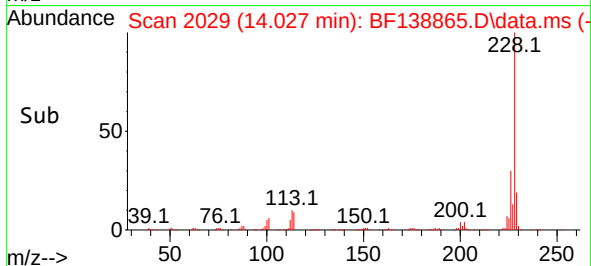
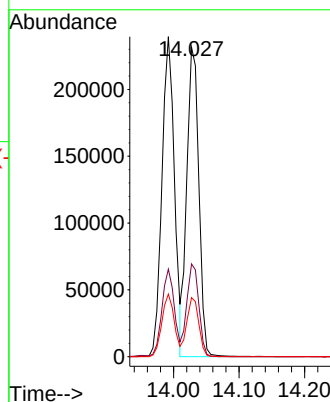
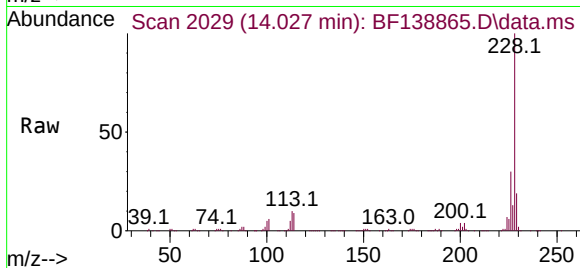
Tgt Ion:	228	Resp:	29467
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.7	35.5
229	19.1	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.712 ng

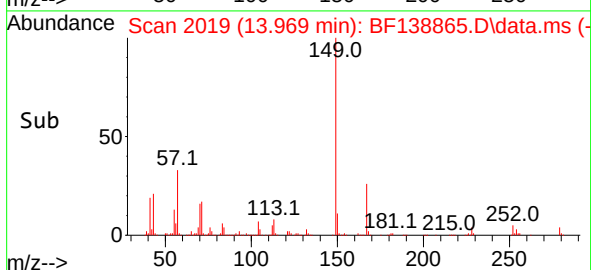
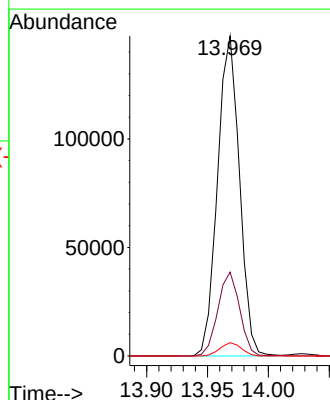
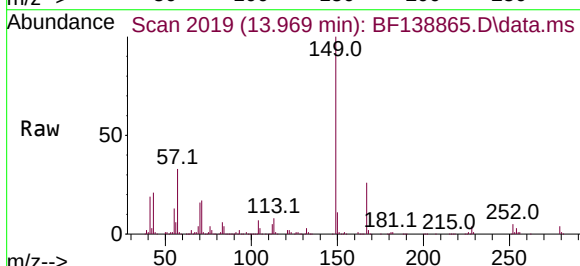
RT: 13.969 min Scan# 2019

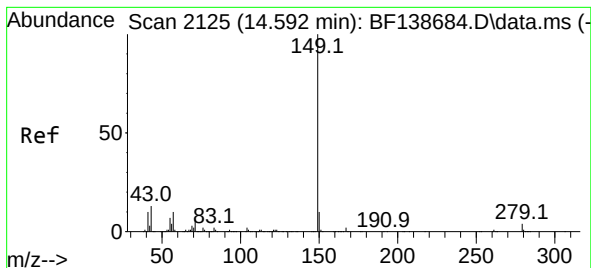
Delta R.T. -0.012 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

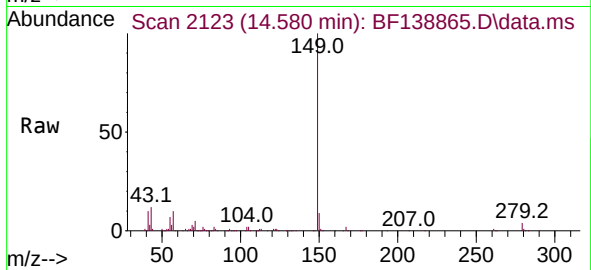
Tgt Ion:	149	Resp:	185077
Ion Ratio	Lower	Upper	
149	100		
167	26.2	22.2	33.4
279	4.1	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 35.869 ng
RT: 14.580 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

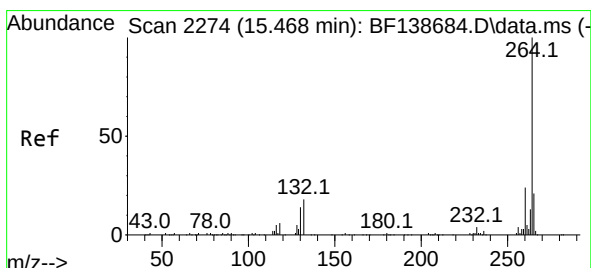
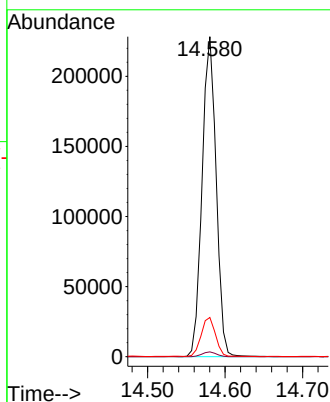
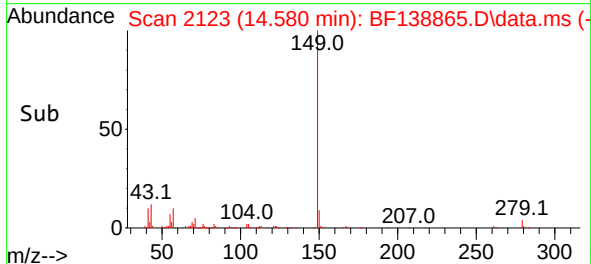
Instrument :
BNA_F
ClientSampleId :
PB162421BS



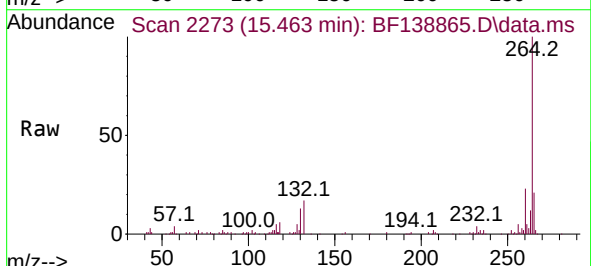
Tgt Ion:149 Resp: 287558
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 12.7 10.4 15.6

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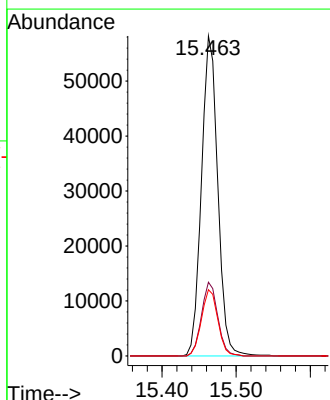
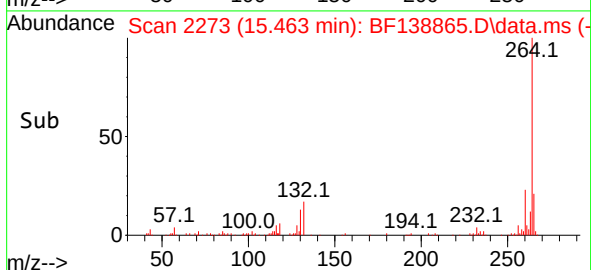
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

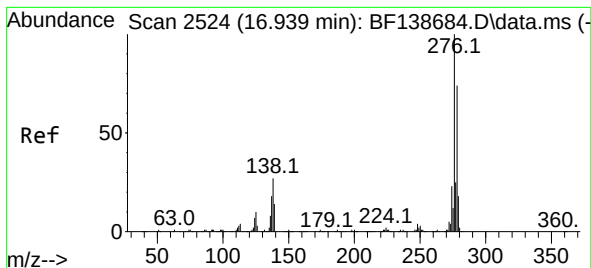


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion:264 Resp: 88888
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 20.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.181 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS

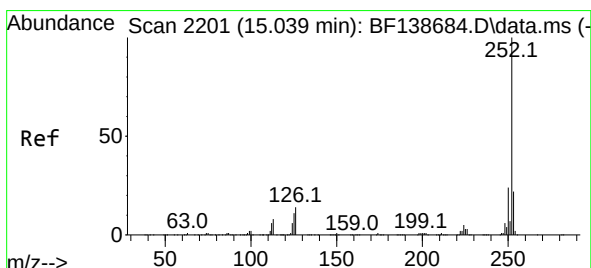
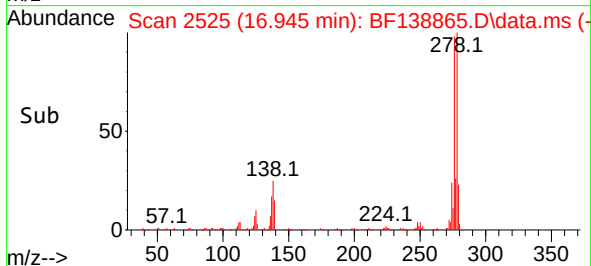
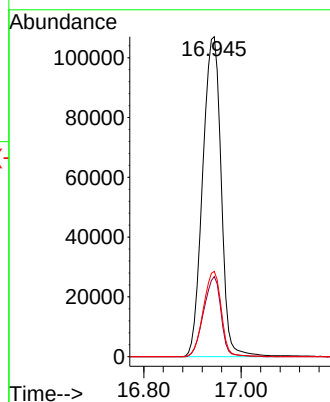
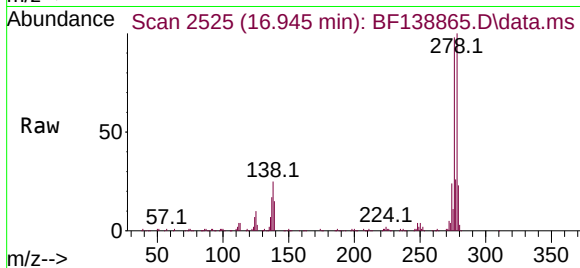
Tgt Ion:	276	Resp:	281434
Ion Ratio	Lower	Upper	
276	100		
138	23.6	21.8	32.8
277	25.8	20.6	30.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#88

Benzo(b)fluoranthene

Concen: 47.606 ng

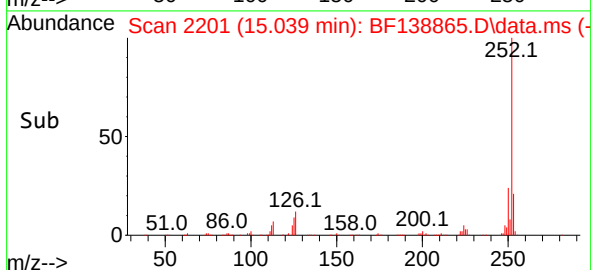
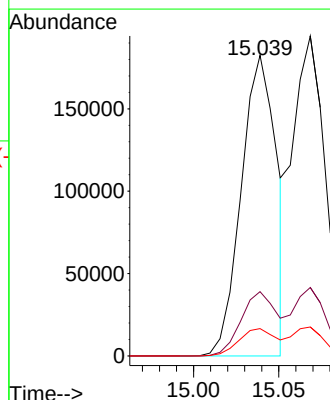
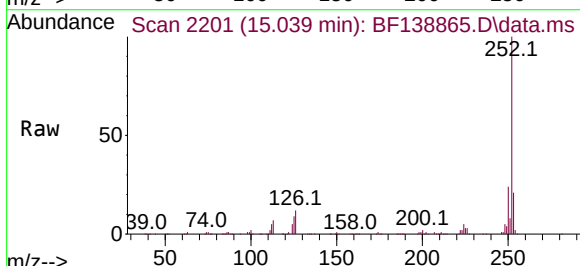
RT: 15.039 min Scan# 2201

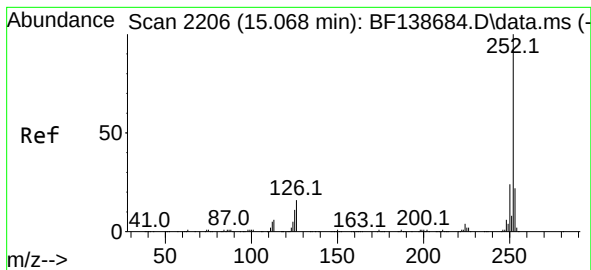
Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Tgt Ion:	252	Resp:	262316
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.5	26.3
125	9.1	8.9	13.3





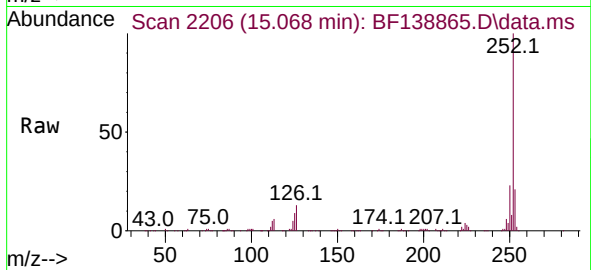
#89
Benzo(k)fluoranthene
Concen: 54.951 ng
RT: 15.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

PB162421BS

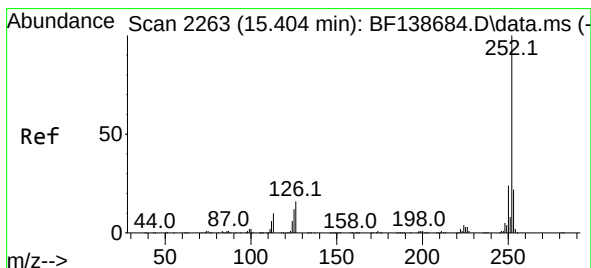
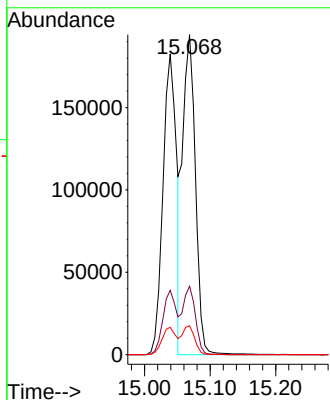
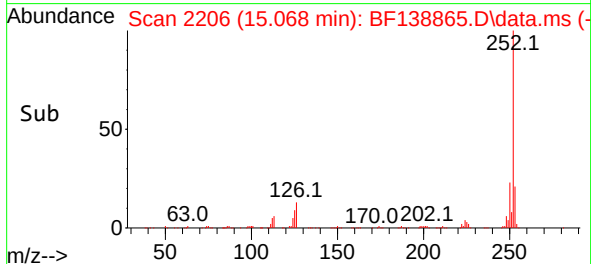


Tgt Ion:252 Resp: 262160
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 9.1 8.6 13.0

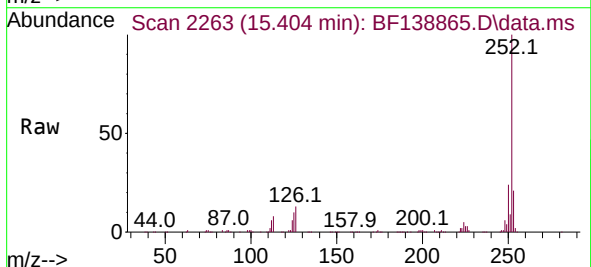
Manual Integrations

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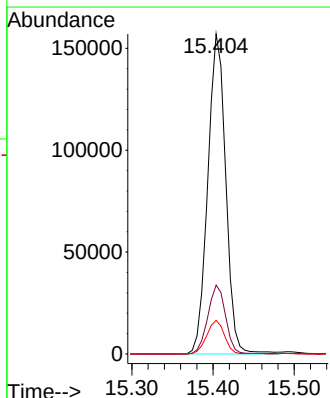
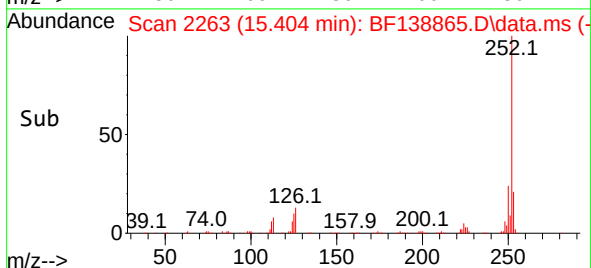
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

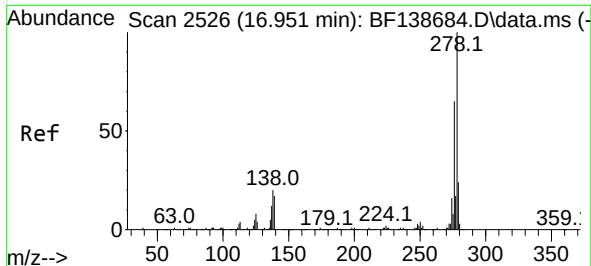


#90
Benzo(a)pyrene
Concen: 52.080 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion:252 Resp: 241382
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 10.5 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 43.965 ng
RT: 16.951 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

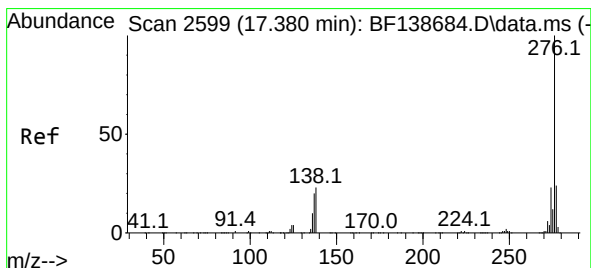
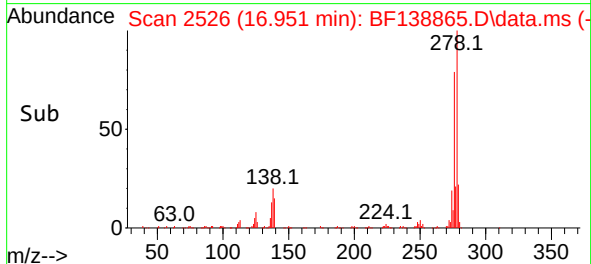
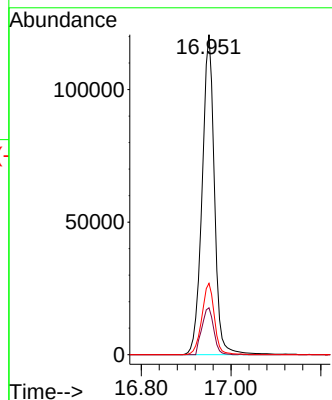
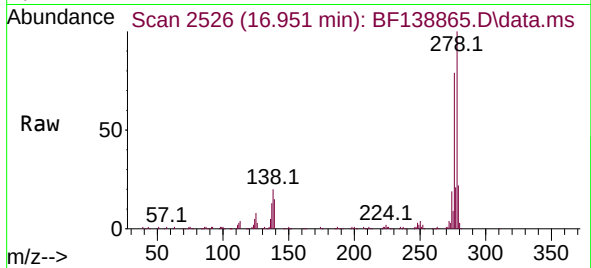
ClientSampleId :

PB162421BS

Tgt Ion:278 Resp: 229890
Ion Ratio Lower Upper
278 100
139 14.6 14.0 21.0
279 22.3 19.0 28.4

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Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#92
Benzo(g,h,i)perylene
Concen: 38.385 ng
RT: 17.380 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:276 Resp: 208280
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 19.9 18.5 27.7

