

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138861.D
 Acq On : 08 Aug 2024 12:51
 Operator : RC/JU
 Sample : PB162342BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162342BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 08 13:20:32 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	47949	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	200445	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	112460	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	189793	20.000	ng	0.00
76) Chrysene-d12	13.998	240	93673	20.000	ng	0.00
86) Perylene-d12	15.457	264	85672	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	407208	131.095	ng	0.02
7) Phenol-d6	6.493	99	541115	129.751	ng	0.00
23) Nitrobenzene-d5	7.410	82	353228	86.157	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	124992	135.684	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	649224	86.738	ng	0.00
79) Terphenyl-d14	12.939	244	628928	112.412	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	43787	32.198	ng	95
3) Pyridine	3.469	79	111018	33.700	ng	96
4) n-Nitrosodimethylamine	3.434	42	99506	50.716	ng	86
6) Aniline	6.504	93	125984	33.874	ng	# 8
8) 2-Chlorophenol	6.634	128	163293	49.966	ng	96
9) Benzaldehyde	6.398	77	102692	41.078	ng	99
10) Phenol	6.504	94	204606	46.597	ng	83
11) bis(2-Chloroethyl)ether	6.581	93	147270	43.584	ng	98
12) 1,3-Dichlorobenzene	6.781	146	162776	44.496	ng	99
13) 1,4-Dichlorobenzene	6.857	146	166094	44.990	ng	99
14) 1,2-Dichlorobenzene	7.010	146	160682	46.571	ng	99
15) Benzyl Alcohol	6.993	79	149702	49.804	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	242963	41.782	ng	# 48
17) 2-Methylphenol	7.104	107	127990	47.428	ng	# 89
18) Hexachloroethane	7.345	117	63207	45.483	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	123534	49.044	ng	100
20) 3+4-Methylphenols	7.263	107	174028	50.262	ng	# 76
22) Acetophenone	7.257	105	214864	43.779	ng	96
24) Nitrobenzene	7.428	77	183672	44.027	ng	99
25) Isophorone	7.669	82	321166	45.877	ng	99
26) 2-Nitrophenol	7.745	139	85298	47.523	ng	96
27) 2,4-Dimethylphenol	7.781	122	108640	50.589	ng	95
28) bis(2-Chloroethoxy)met...	7.875	93	186084	43.649	ng	99
29) 2,4-Dichlorophenol	7.992	162	133967	48.547	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	143867	45.177	ng	98
31) Naphthalene	8.145	128	472973	44.828	ng	99
32) Benzoic acid	7.940	122	60838	36.040	ng	92
33) 4-Chloroaniline	8.198	127	71252	20.118	ng	98
34) Hexachlorobutadiene	8.251	225	85658	44.409	ng	99
35) Caprolactam	8.587	113	35968m	43.682	ng	
36) 4-Chloro-3-methylphenol	8.692	107	152794	48.449	ng	100
37) 2-Methylnaphthalene	8.834	142	307255	46.111	ng	99
38) 1-Methylnaphthalene	8.934	142	285607	43.741	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	131996	42.252	ng	99
41) Hexachlorocyclopentadiene	8.981	237	89949	106.275	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	85783	45.037	ng	99

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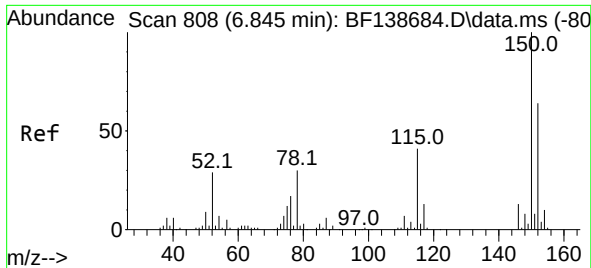
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	91585	43.983	ng	97
46) 1,1'-Biphenyl	9.298	154	371059	42.129	ng	99
47) 2-Chloronaphthalene	9.328	162	292670	44.679	ng	98
48) 2-Nitroaniline	9.428	65	103630	46.665	ng	96
49) Acenaphthylene	9.739	152	451111	48.555	ng	99
50) Dimethylphthalate	9.604	163	342149	47.581	ng	99
51) 2,6-Dinitrotoluene	9.669	165	74593	45.964	ng	# 86
52) Acenaphthene	9.910	154	274688	43.983	ng	100
53) 3-Nitroaniline	9.839	138	50511	30.108	ng	95
54) 2,4-Dinitrophenol	9.957	184	67408	90.233	ng	85
55) Dibenzofuran	10.086	168	413890	46.948	ng	99
56) 4-Nitrophenol	10.022	139	79973	79.271	ng	89
57) 2,4-Dinitrotoluene	10.081	165	98813	47.725	ng	# 80
58) Fluorene	10.428	166	334002	47.576	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	77880	48.921	ng	98
60) Diethylphthalate	10.298	149	339540	49.799	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	161605	46.804	ng	96
62) 4-Nitroaniline	10.463	138	68889	43.210	ng	86
63) Azobenzene	10.575	77	348187	46.044	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	55405	47.850	ng	98
66) n-Nitrosodiphenylamine	10.539	169	280774	47.328	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	93879	45.686	ng	98
68) Hexachlorobenzene	10.975	284	98779	46.557	ng	95
69) Atrazine	11.063	200	84309	55.082	ng	97
70) Pentachlorophenol	11.175	266	72252	75.552	ng	98
71) Phenanthrene	11.386	178	468009	47.889	ng	100
72) Anthracene	11.439	178	470406	48.860	ng	99
73) Carbazole	11.598	167	395770	47.648	ng	99
74) Di-n-butylphthalate	11.916	149	509061	54.518	ng	99
75) Fluoranthene	12.575	202	439366	48.158	ng	98
77) Benzidine	12.698	184	34462	15.381	ng	98
78) Pyrene	12.804	202	433812	49.187	ng	100
80) Butylbenzylphthalate	13.410	149	146227	51.775	ng	99
81) Benzo(a)anthracene	13.986	228	309246	47.941	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	58875	35.666	ng	99
83) Chrysene	14.027	228	271424	46.640	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	176307	42.631	ng	98
85) Di-n-octyl phthalate	14.574	149	280277	36.629	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	294413	47.953	ng	96
88) Benzo(b)fluoranthene	15.033	252	277596	52.270	ng	99
89) Benzo(k)fluoranthene	15.063	252	234346	50.965	ng	99
90) Benzo(a)pyrene	15.398	252	238848	53.467	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	239969	47.615	ng	97
92) Benzo(g,h,i)perylene	17.374	276	220730	42.206	ng	97

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



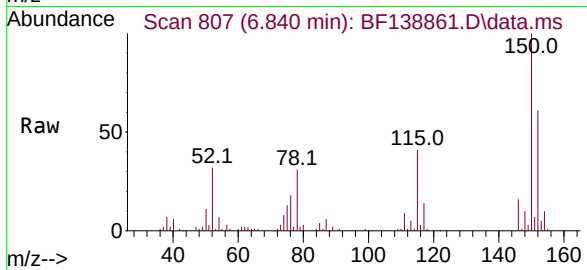
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

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BNA_F

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PB162342BS

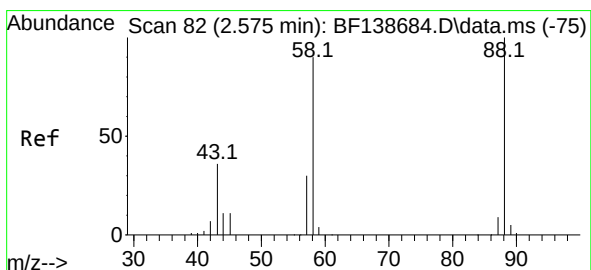
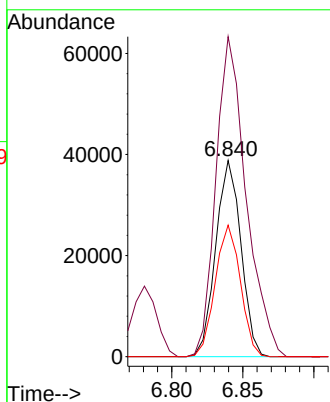
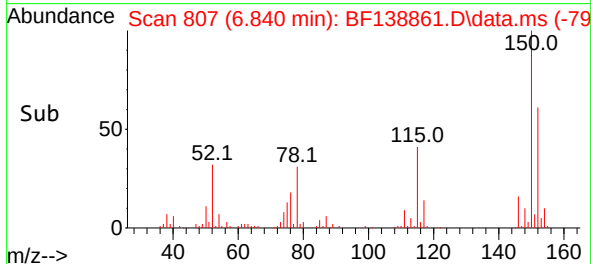


Tgt Ion:152 Resp: 47949
Ion Ratio Lower Upper
152 100
150 163.1 126.0 189.0
115 67.1 51.7 77.5

Manual Integrations

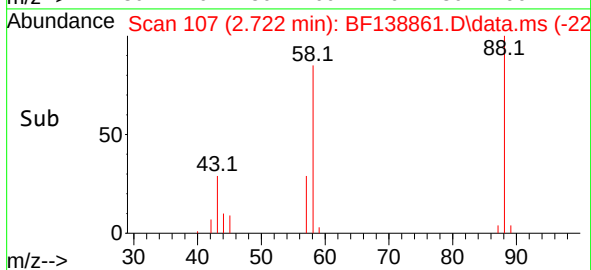
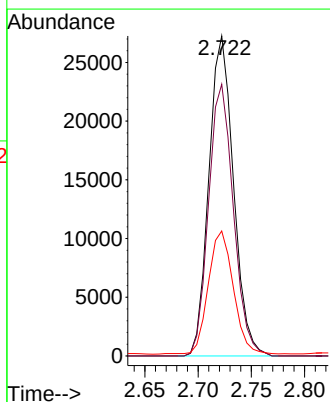
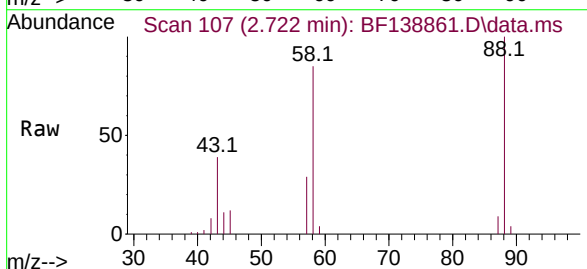
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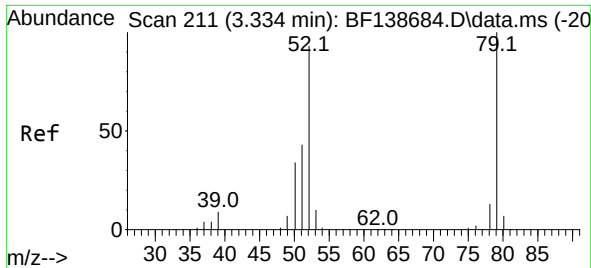
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#2
1,4-Dioxane
Concen: 32.198 ng
RT: 2.722 min Scan# 107
Delta R.T. 0.147 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion: 88 Resp: 43787
Ion Ratio Lower Upper
88 100
58 85.8 71.6 107.4
43 39.8 28.7 43.1





#3

Pyridine

Concen: 33.700 ng

RT: 3.469 min Scan# 211

Delta R.T. 0.135 min

Lab File: BF138861.D

Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB162342BS

Tgt Ion: 79 Resp: 111018

Ion Ratio Lower Upper

79 100

52 91.3 74.7 112.1

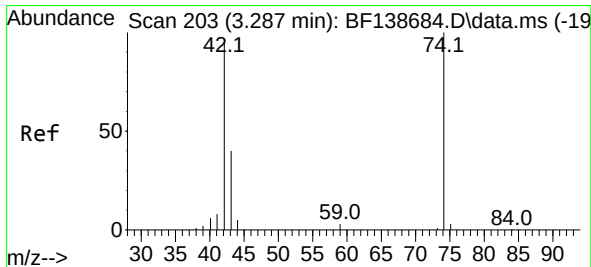
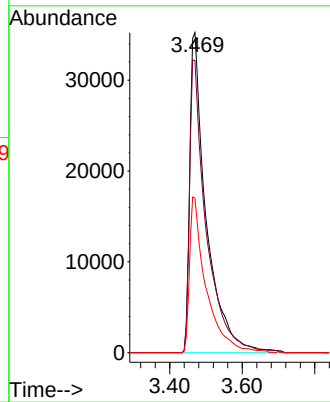
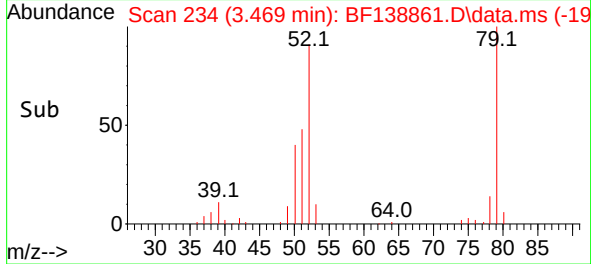
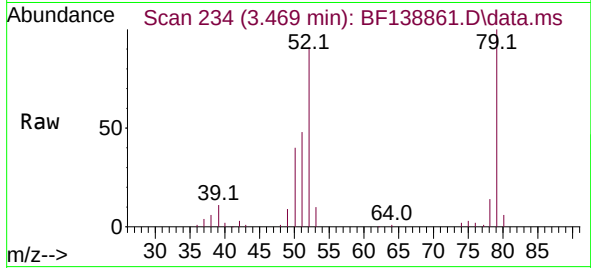
51 48.3 34.6 51.8

Manual Integrations

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Supervised By :mohammad ahmed 08/09/2024



#4

n-Nitrosodimethylamine

Concen: 50.716 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.147 min

Lab File: BF138861.D

Acq: 08 Aug 2024 12:51

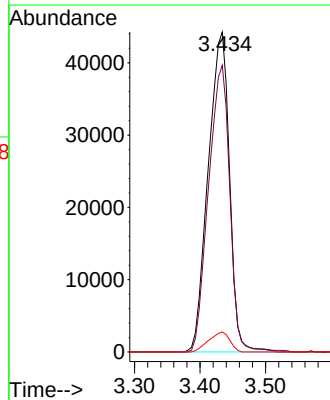
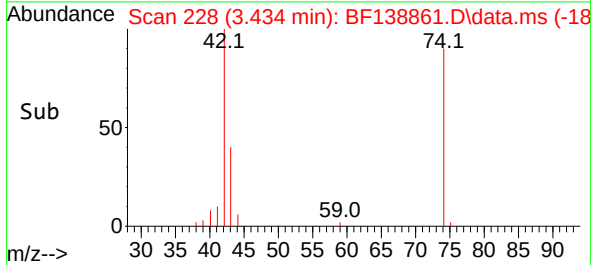
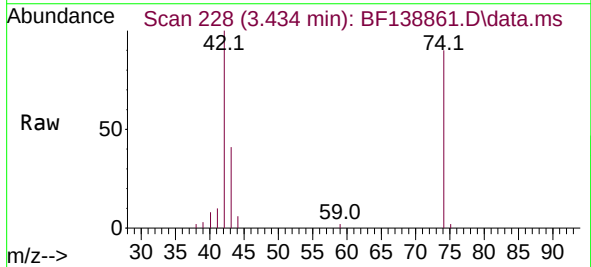
Tgt Ion: 42 Resp: 99506

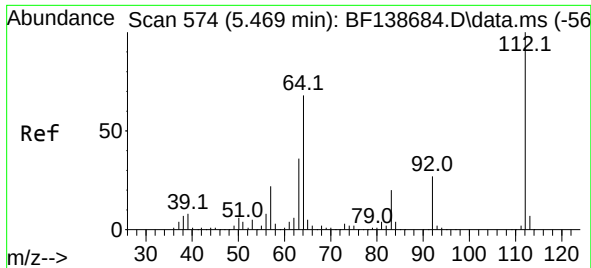
Ion Ratio Lower Upper

42 100

74 89.6 84.2 126.4

44 6.2 4.9 7.3





#5
2-Fluorophenol
Concen: 131.095 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

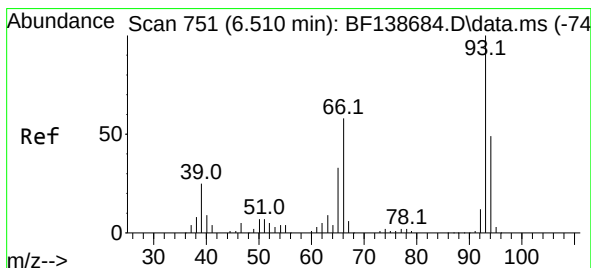
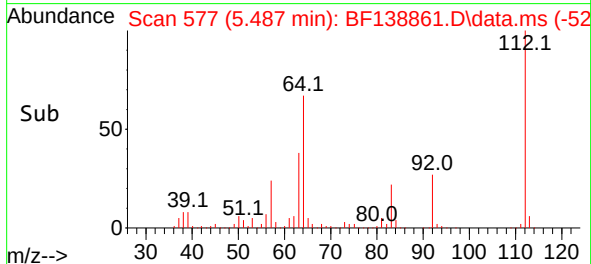
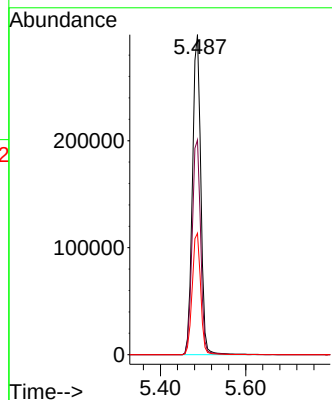
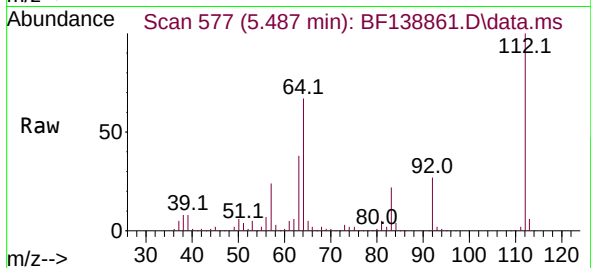
PB162342BS

Tgt Ion:112 Resp: 407208
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.4
63 37.9 28.7 43.1

Manual Integrations

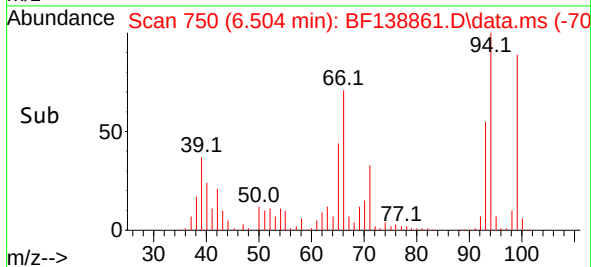
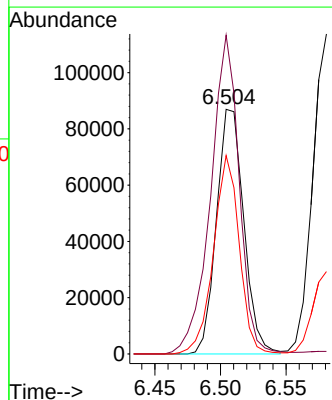
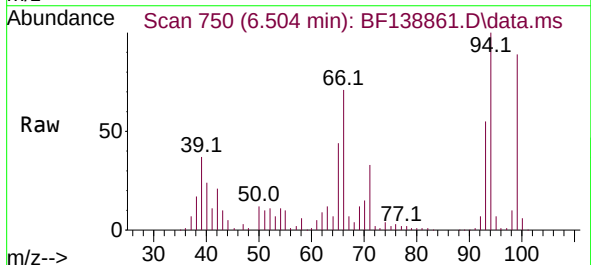
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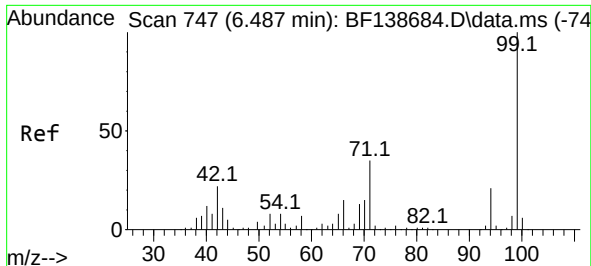
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#6
Aniline
Concen: 33.874 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

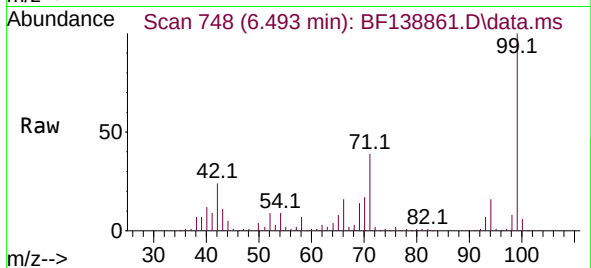
Tgt Ion: 93 Resp: 125984
Ion Ratio Lower Upper
93 100
66 130.3 46.9 70.3#
65 81.1 26.5 39.7#





#7
Phenol-d6
Concen: 129.751 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

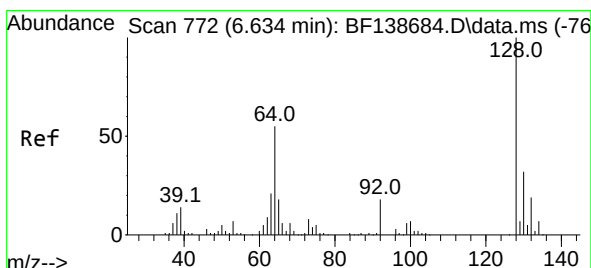
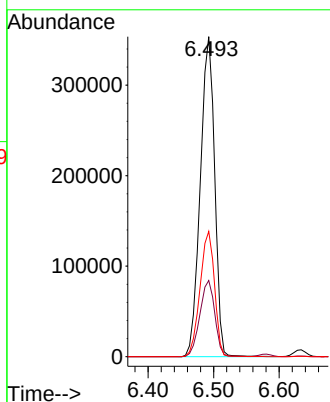
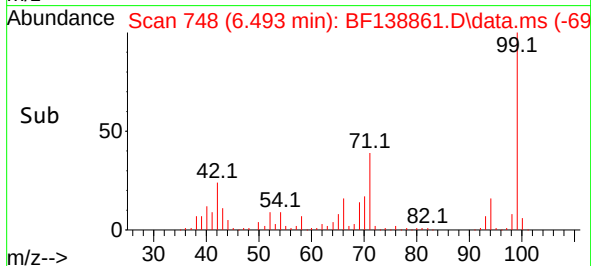
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 54111
Ion Ratio Lower Upper
99 100
42 23.8 17.4 26.0
71 39.1 28.1 42.1

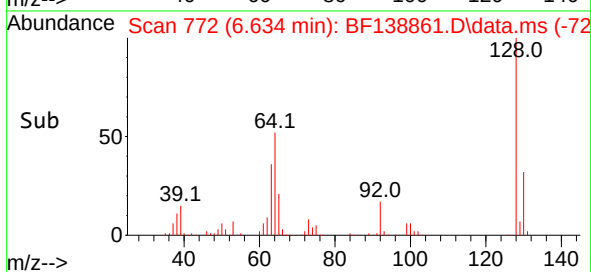
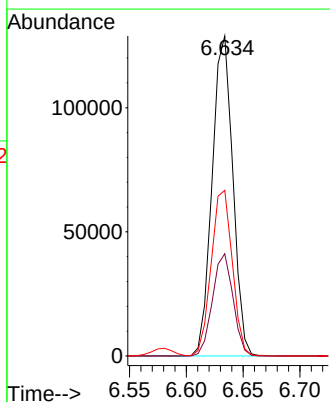
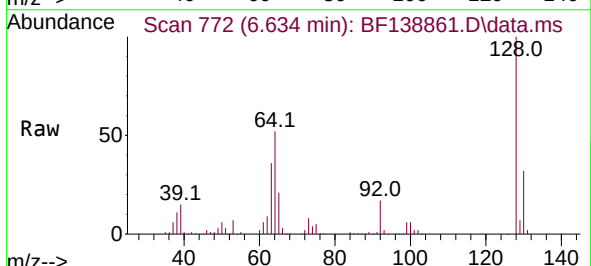
Manual Integrations
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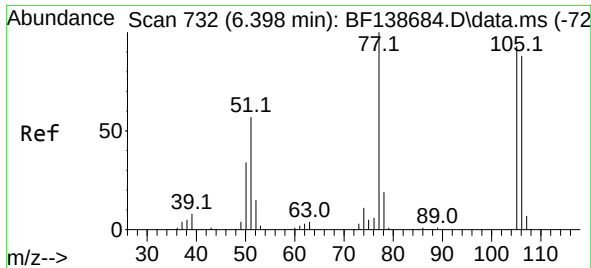
Reviewed By :Yogesh Patel 08/09/2024
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#8
2-Chlorophenol
Concen: 49.966 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:128 Resp: 163293
Ion Ratio Lower Upper
128 100
130 31.9 12.0 52.0
64 51.7 36.3 76.3





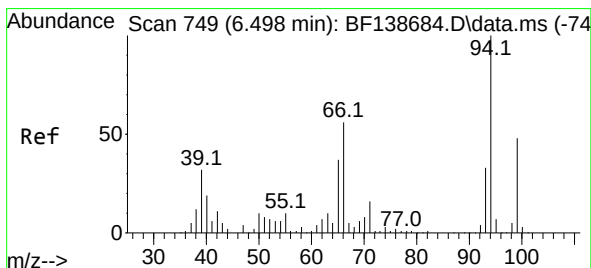
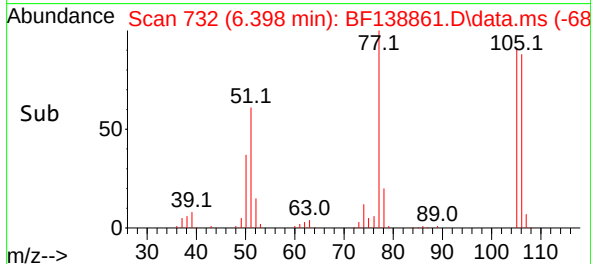
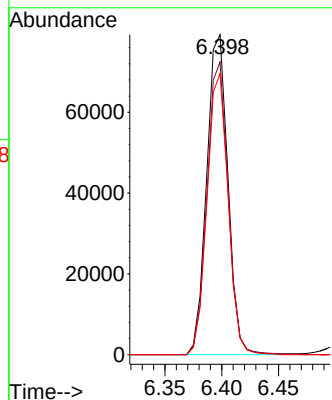
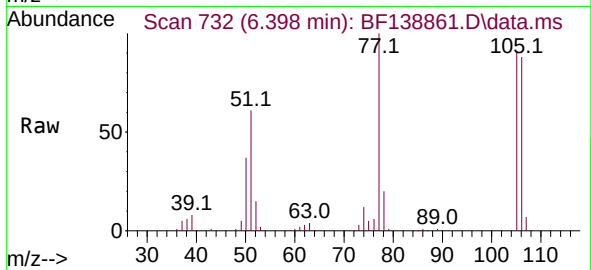
#9
Benzaldehyde
Concen: 41.078 ng
RT: 6.398 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :
BNA_F
ClientSampleId :
PB162342BS

Tgt Ion: 77 Resp: 102692
Ion Ratio Lower Upper
77 100
105 91.5 72.9 112.9
106 87.9 68.4 108.4

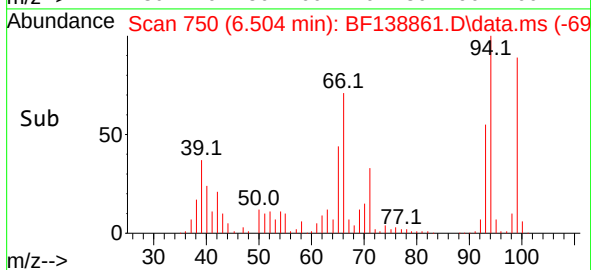
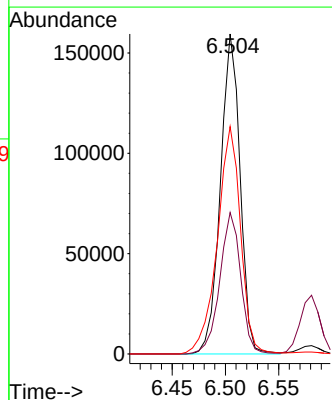
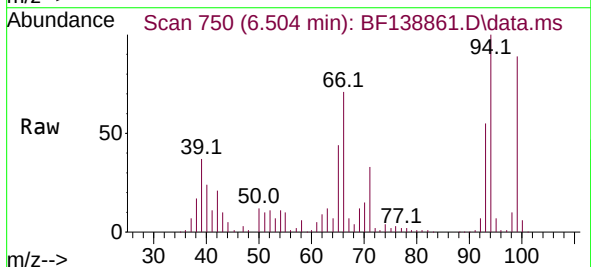
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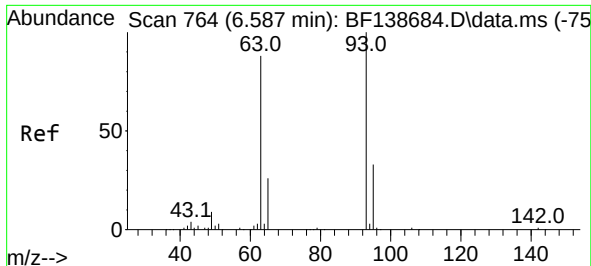
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#10
Phenol
Concen: 46.597 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion: 94 Resp: 204606
Ion Ratio Lower Upper
94 100
65 44.2 16.9 56.9
66 71.0 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 43.584 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

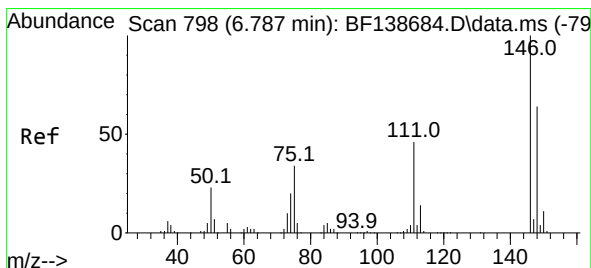
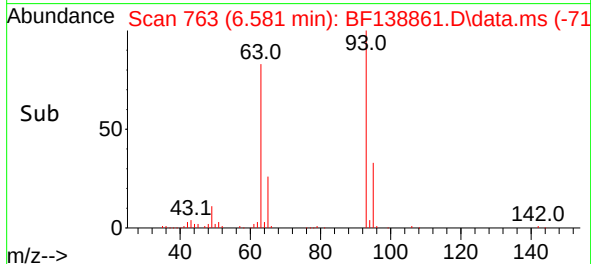
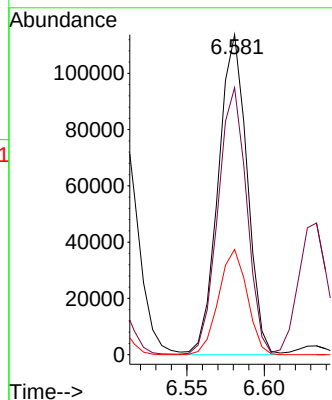
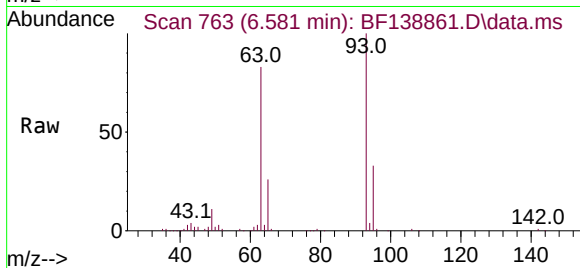
PB162342BS

Tgt Ion: 93 Resp: 147276
Ion Ratio Lower Upper
93 100
63 83.4 65.3 105.3
95 32.9 12.4 52.4

Manual Integrations

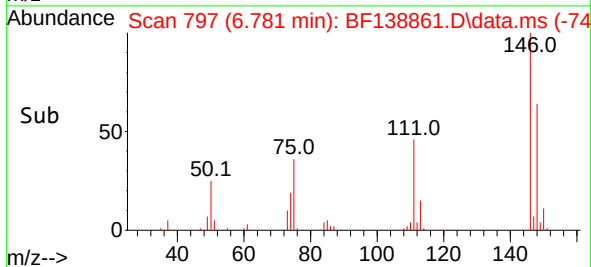
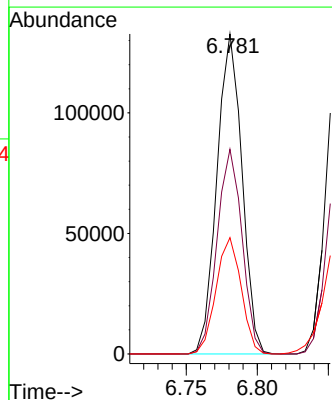
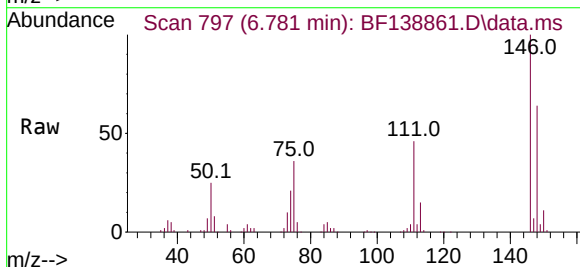
APPROVED

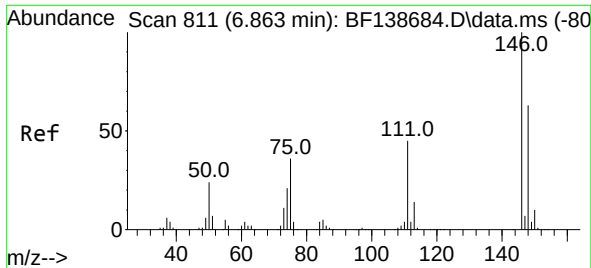
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#12
1,3-Dichlorobenzene
Concen: 44.496 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:146 Resp: 162776
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 36.3 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 44.990 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

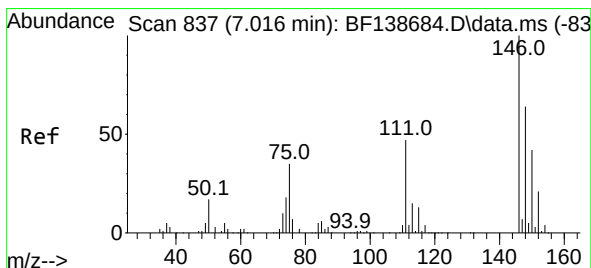
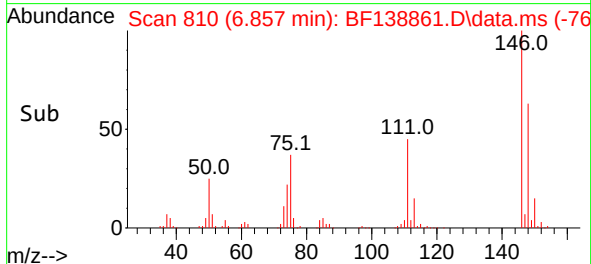
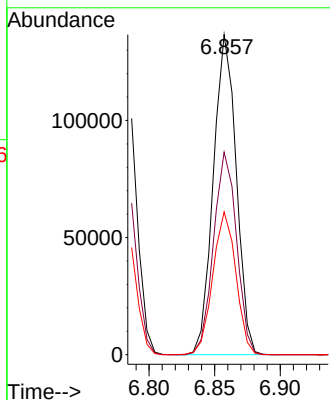
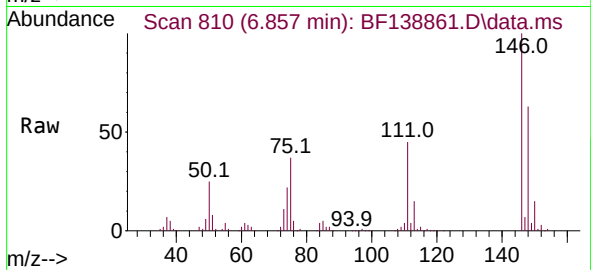
PB162342BS

Tgt Ion:146 Resp: 166094
Ion Ratio Lower Upper
146 100
148 63.3 50.2 75.2
111 44.6 35.9 53.9

Manual Integrations

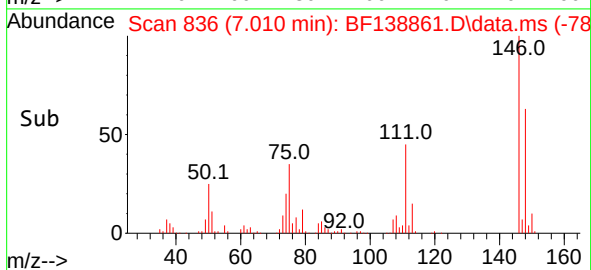
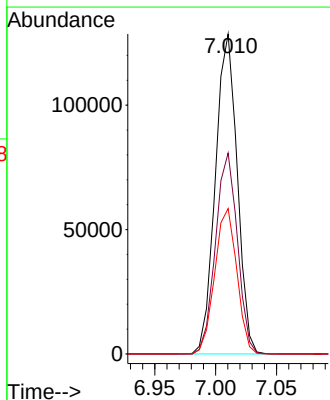
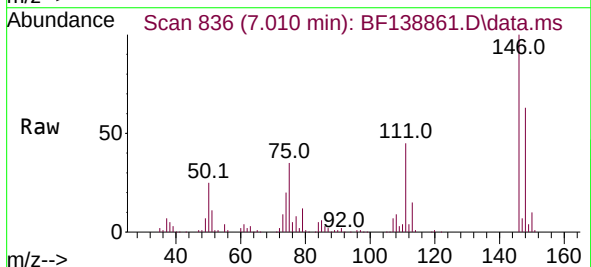
APPROVED

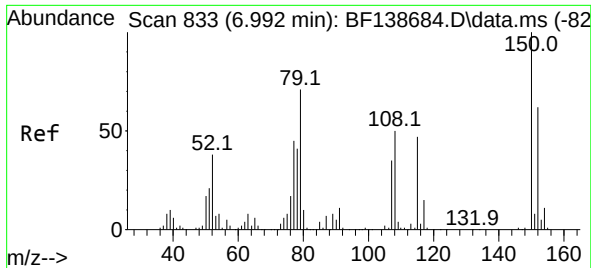
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#14
1,2-Dichlorobenzene
Concen: 46.571 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

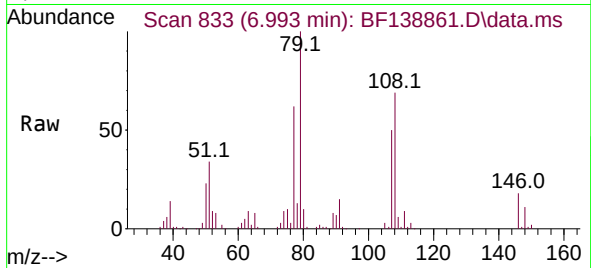
Tgt Ion:146 Resp: 160682
Ion Ratio Lower Upper
146 100
148 62.8 50.8 76.2
111 45.5 37.4 56.2





#15
Benzyl Alcohol
Concen: 49.804 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

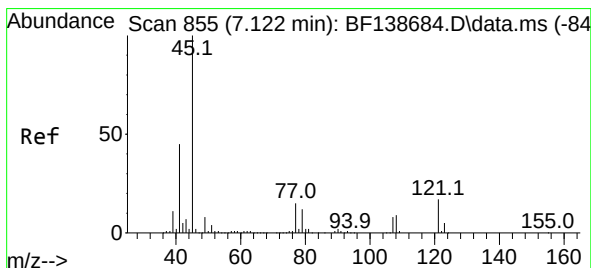
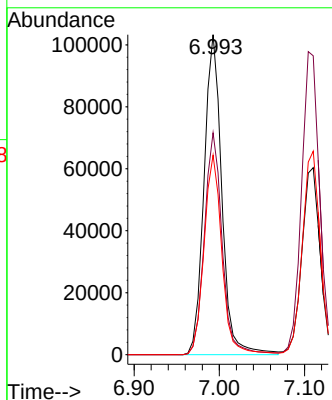
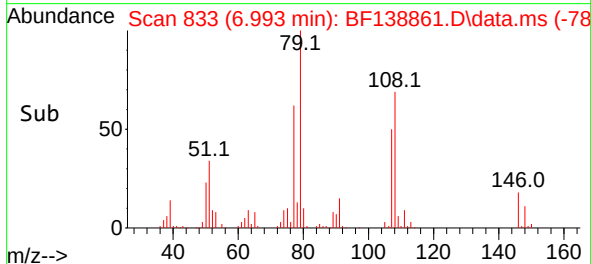
Instrument :
BNA_F
ClientSampleId :
PB162342BS



Tgt Ion: 79 Resp: 149702
Ion Ratio Lower Upper
79 100
108 69.3 56.6 85.0
77 62.3 50.3 75.5

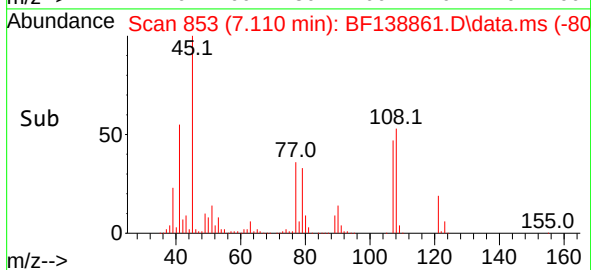
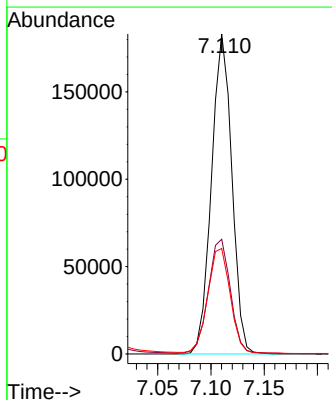
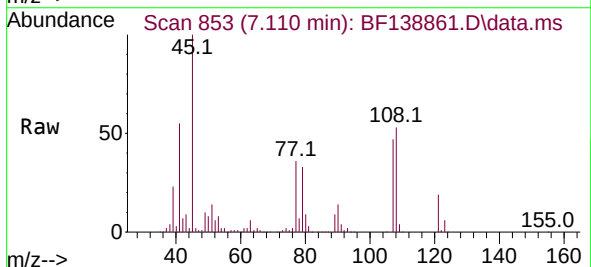
Manual Integrations
APPROVED

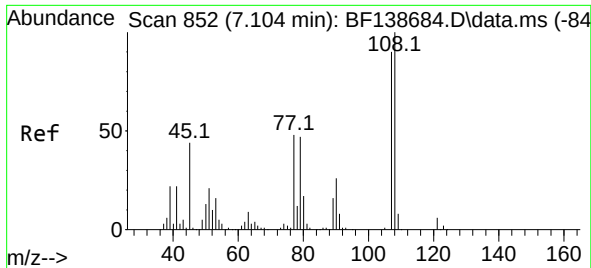
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.782 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion: 45 Resp: 242963
Ion Ratio Lower Upper
45 100
77 35.9 0.0 34.9#
79 32.9 0.0 32.2#





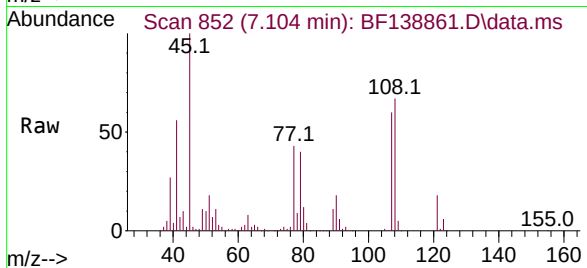
#17
2-Methylphenol
Concen: 47.428 ng
RT: 7.104 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB162342BS

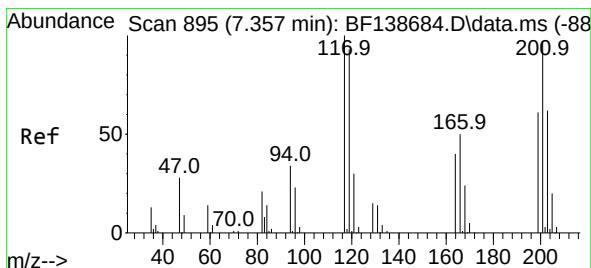
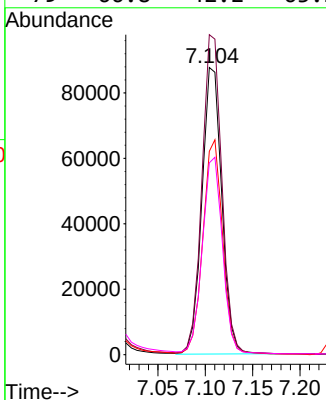
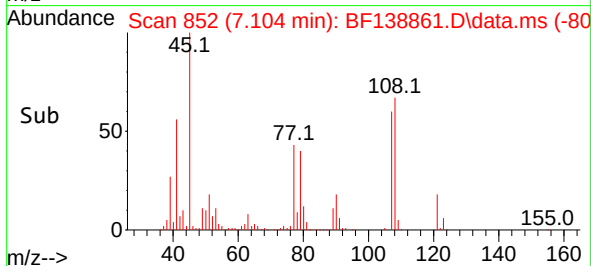


Tgt Ion:107 Resp: 127990
Ion Ratio Lower Upper
107 100
108 111.4 89.2 133.8
77 70.8 43.0 64.4
79 66.8 42.2 63.2

Manual Integrations

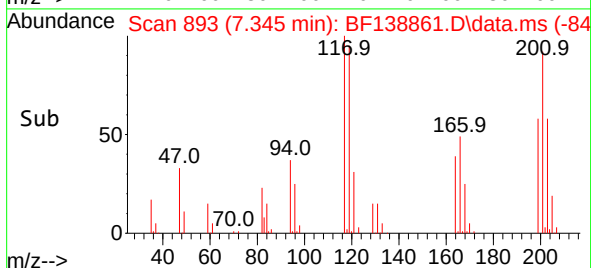
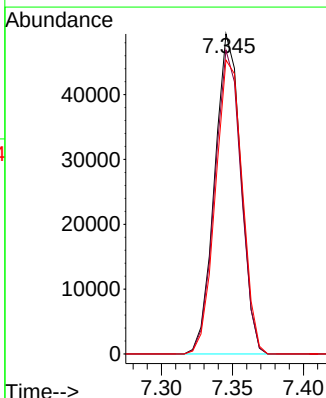
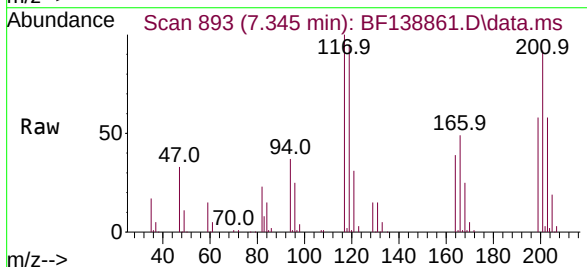
APPROVED

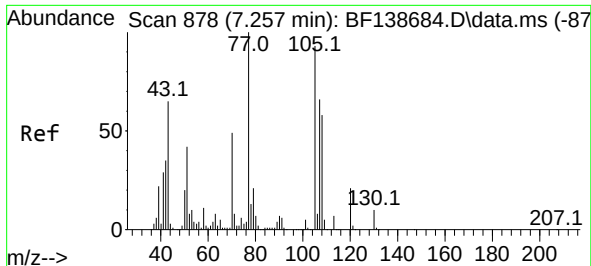
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#18
Hexachloroethane
Concen: 45.483 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:117 Resp: 63207
Ion Ratio Lower Upper
117 100
119 95.0 74.6 111.8
201 91.9 77.2 115.8





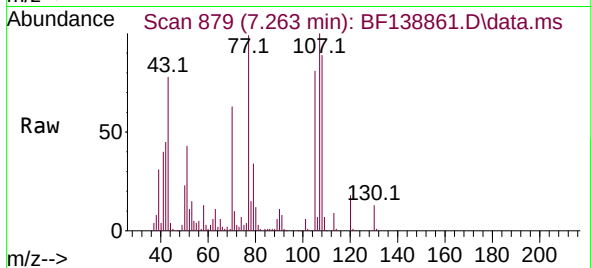
#19
n-Nitroso-di-n-propylamine
Concen: 49.044 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB162342BS

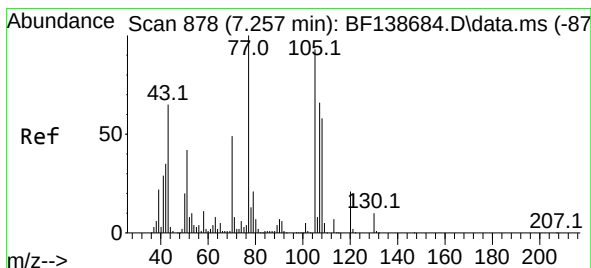
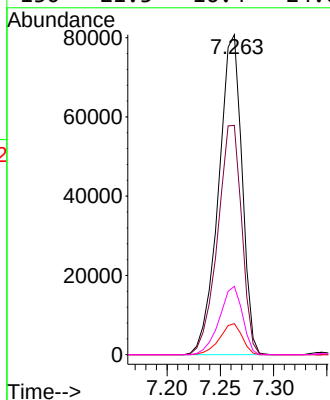
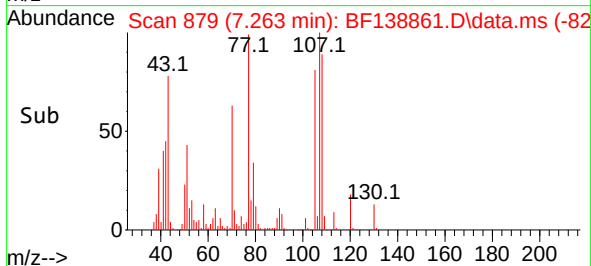


Tgt Ion: 70 Resp: 123534
Ion Ratio Lower Upper
70 100
42 71.7 57.4 86.0
101 9.7 7.5 11.3
130 21.3 16.4 24.6

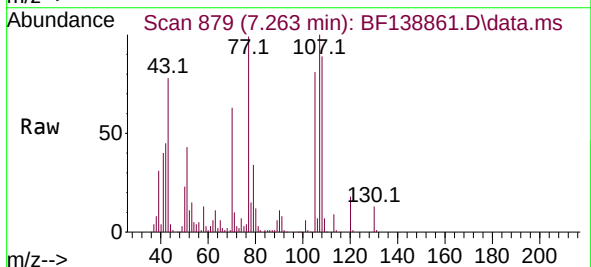
Manual Integrations

APPROVED

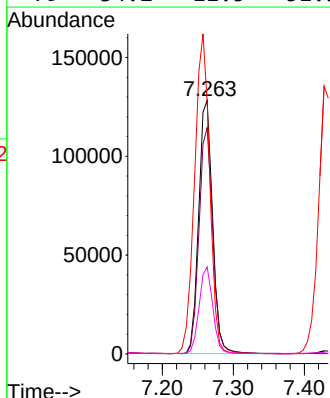
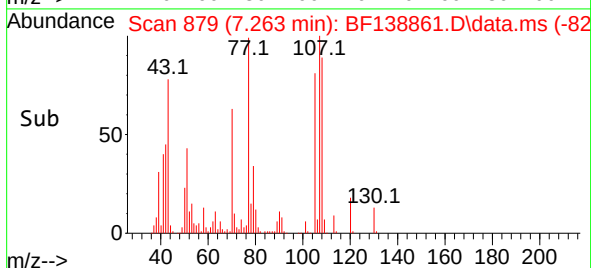
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

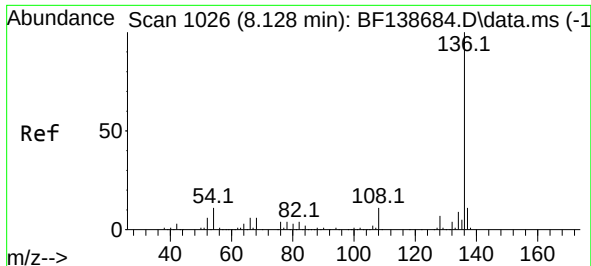


#20
3+4-Methylphenols
Concen: 50.262 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51



Tgt Ion:107 Resp: 174028
Ion Ratio Lower Upper
107 100
108 89.2 68.2 108.2
77 99.4 132.1 172.1#
79 34.2 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

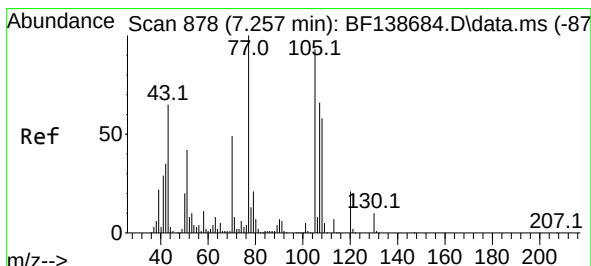
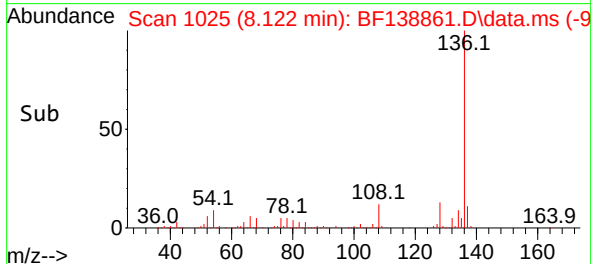
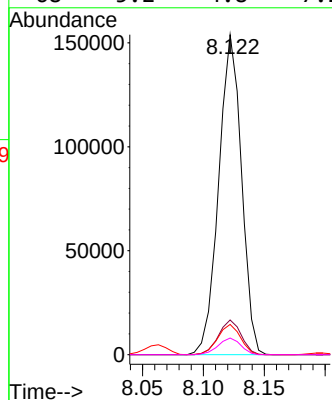
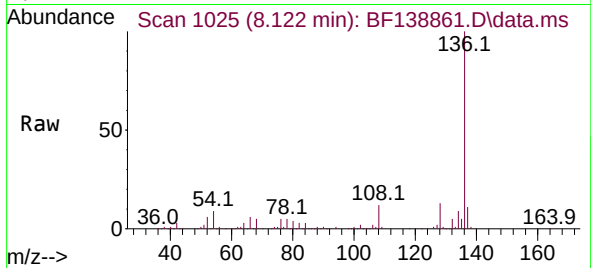
ClientSampleId :

PB162342BS

Tgt Ion:136 Resp: 200445
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.4 8.6 12.8
68 5.2 4.8 7.2

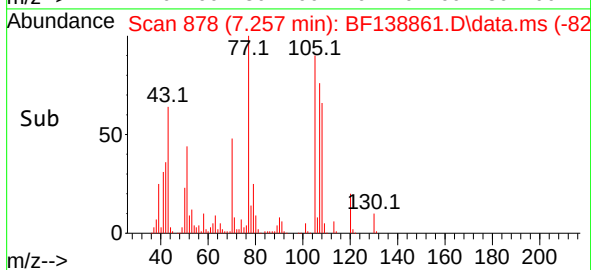
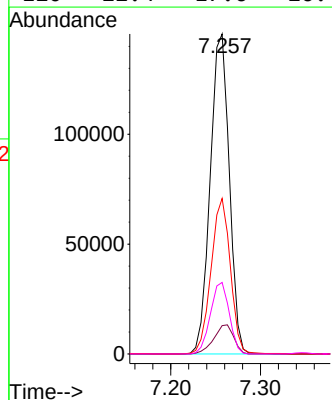
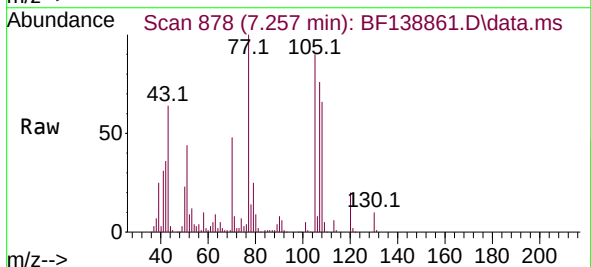
Manual Integrations
APPROVED

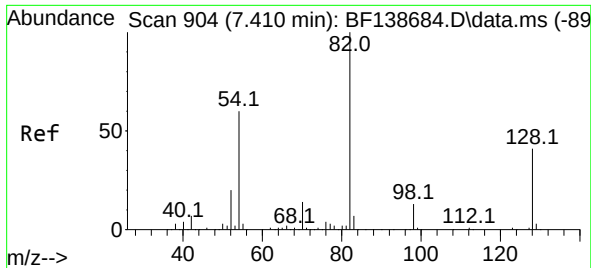
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#22
Acetophenone
Concen: 43.779 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:105 Resp: 214864
Ion Ratio Lower Upper
105 100
71 8.9 7.2 10.8
51 48.6 35.9 53.9
120 22.4 17.6 26.4





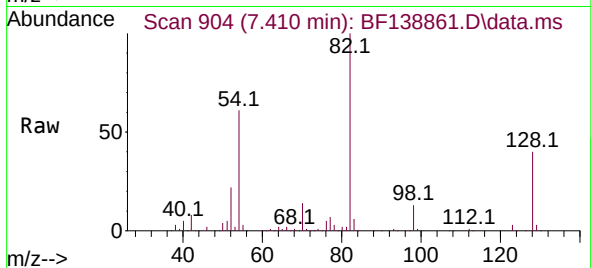
#23
Nitrobenzene-d5
Concen: 86.157 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB162342BS

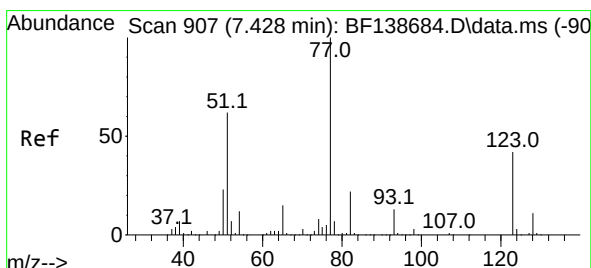
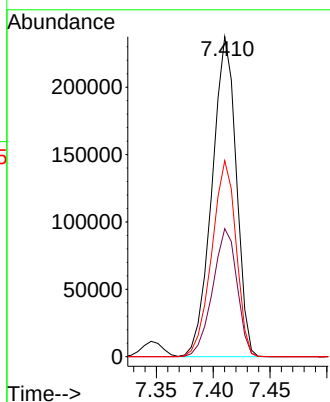
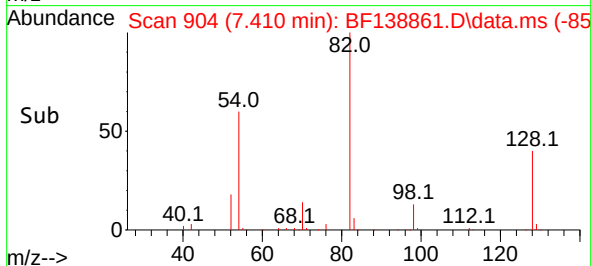


Tgt Ion: 82 Resp: 353228
Ion Ratio Lower Upper
82 100
128 40.0 32.8 49.2
54 61.3 48.3 72.5

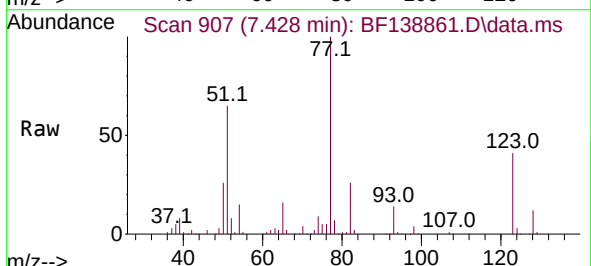
Manual Integrations

APPROVED

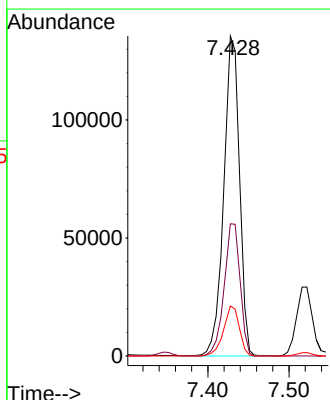
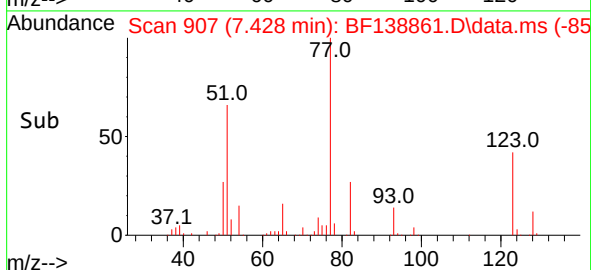
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

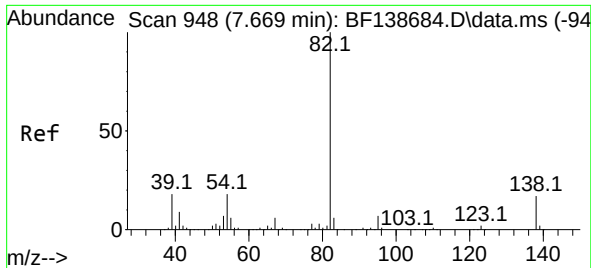


#24
Nitrobenzene
Concen: 44.027 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51



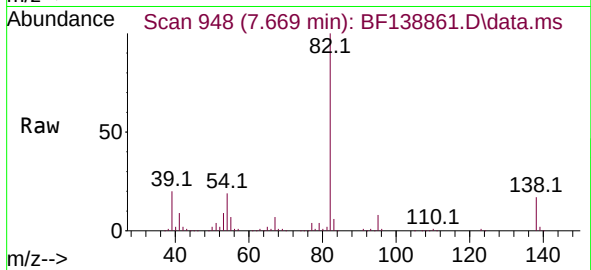
Tgt Ion: 77 Resp: 183672
Ion Ratio Lower Upper
77 100
123 41.3 33.3 49.9
65 15.6 11.9 17.9





#25
Isophorone
Concen: 45.877 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

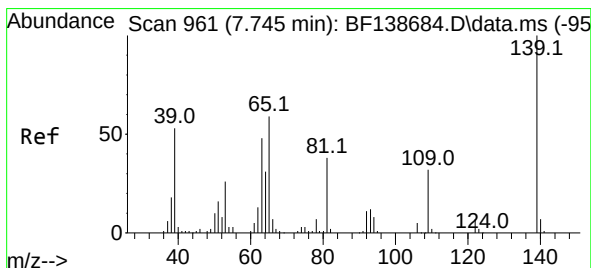
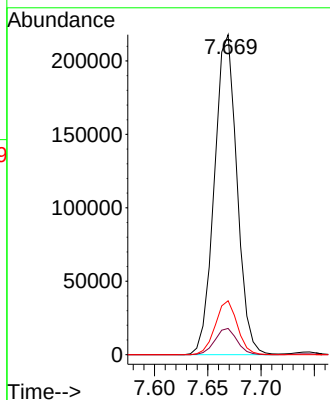
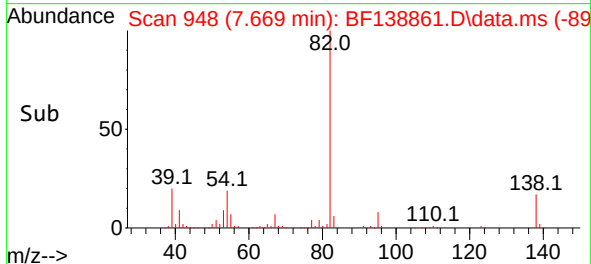
Instrument :
BNA_F
ClientSampleId :
PB162342BS



Tgt Ion: 82 Resp: 321160
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 16.9 13.7 20.5

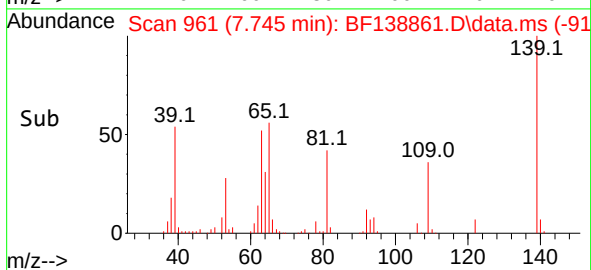
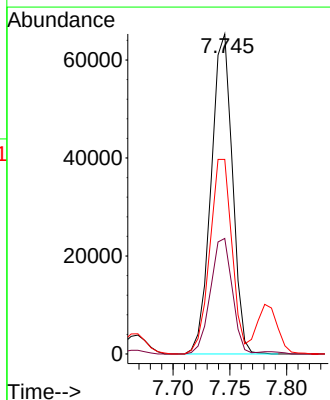
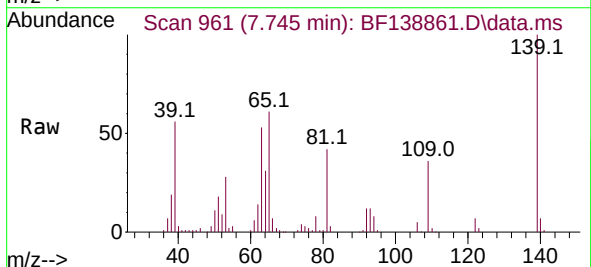
Manual Integrations
APPROVED

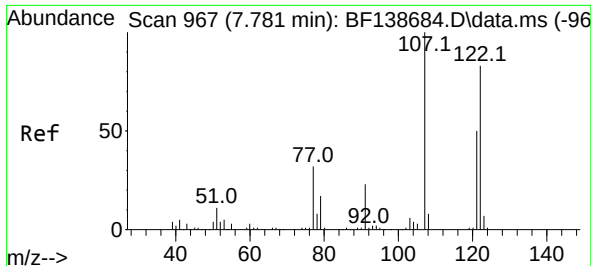
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#26
2-Nitrophenol
Concen: 47.523 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:139 Resp: 85298
Ion Ratio Lower Upper
139 100
109 36.1 25.9 38.9
65 60.8 47.0 70.6





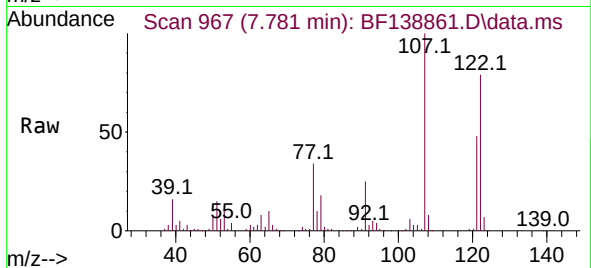
#27
2,4-Dimethylphenol
Concen: 50.589 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB162342BS

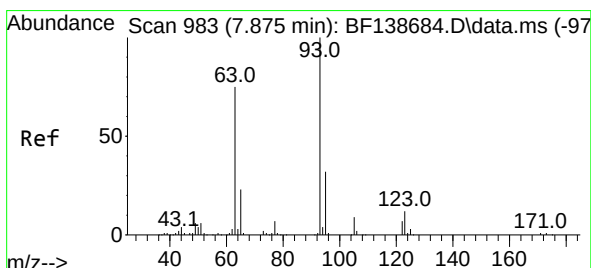
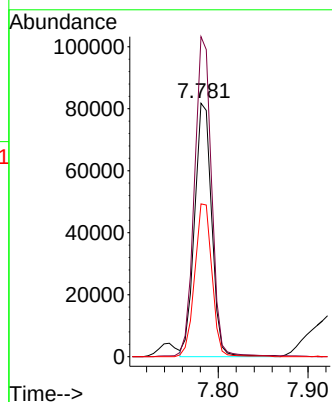
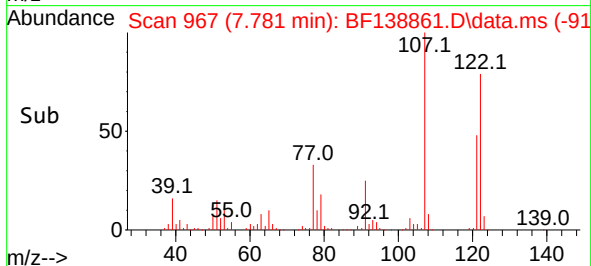


Tgt Ion:122 Resp: 108640
Ion Ratio Lower Upper
122 100
107 126.2 95.0 142.6
121 60.3 47.3 70.9

Manual Integrations

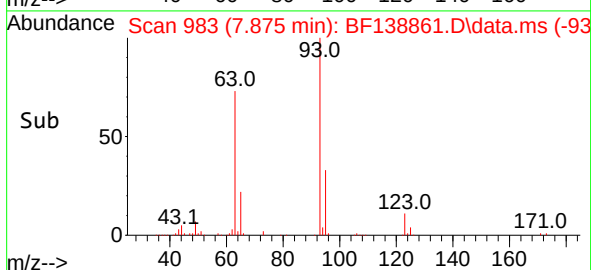
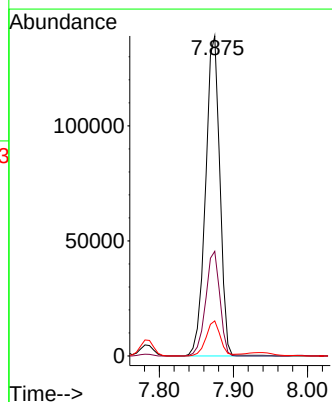
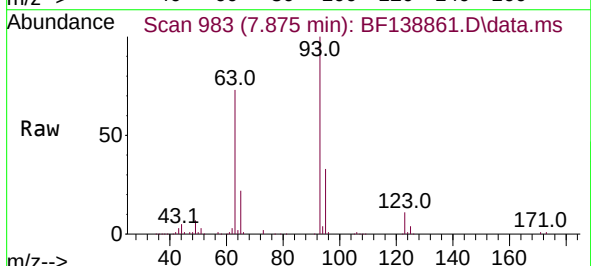
APPROVED

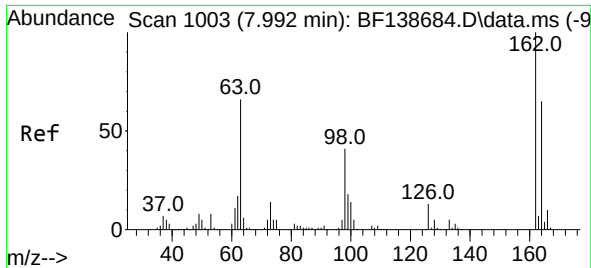
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.649 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion: 93 Resp: 186084
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.547 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138861.D

Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB162342BS

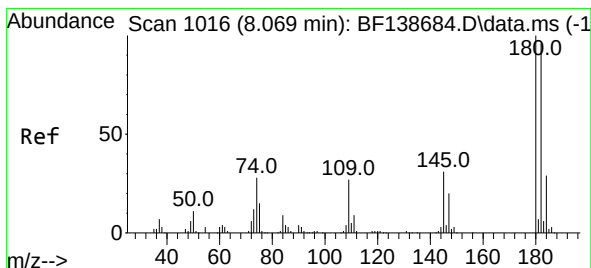
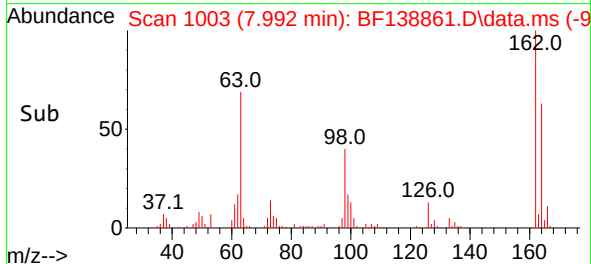
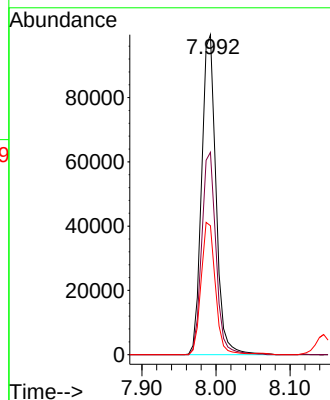
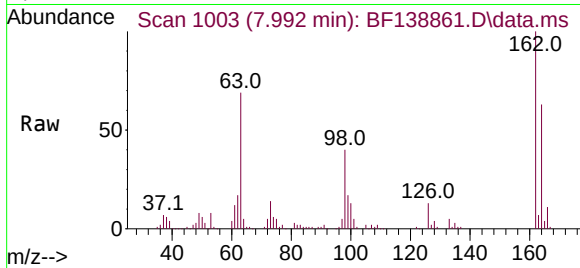
Tgt Ion:162	Resp: 13396
Ion Ratio	Lower Upper
162 100	
164 63.2	44.7 84.7
98 40.3	20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.177 ng

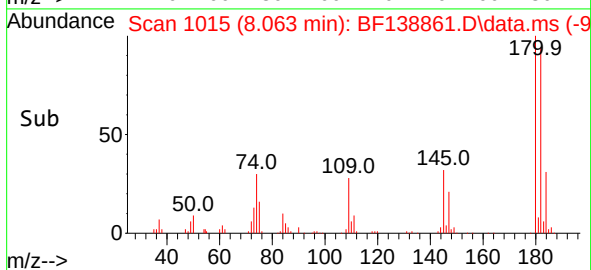
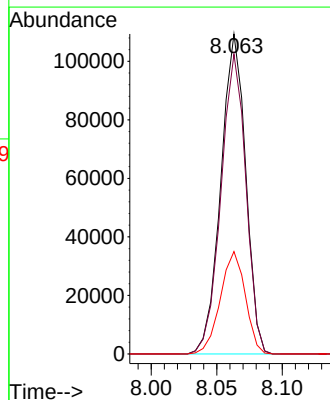
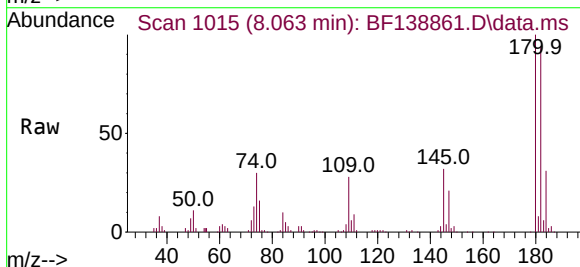
RT: 8.063 min Scan# 1015

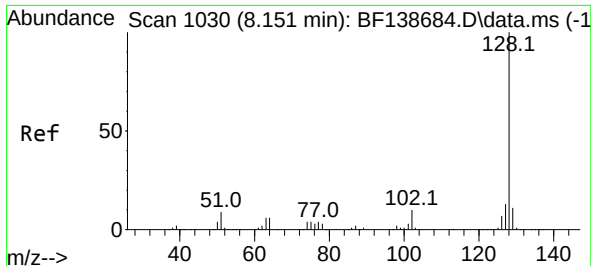
Delta R.T. -0.006 min

Lab File: BF138861.D

Acq: 08 Aug 2024 12:51

Tgt Ion:180	Resp: 143867
Ion Ratio	Lower Upper
180 100	
182 93.7	76.9 115.3
145 32.0	25.0 37.4





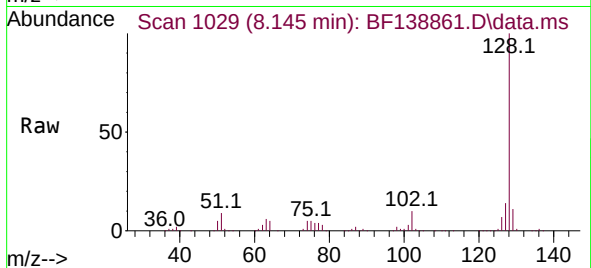
#31
Naphthalene
Concen: 44.828 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB162342BS

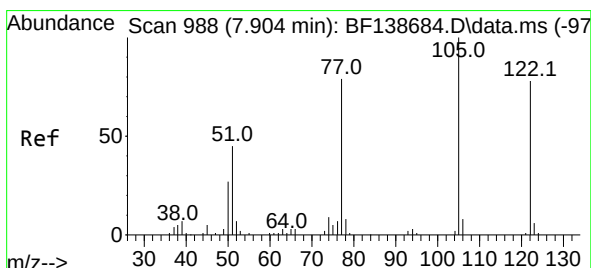
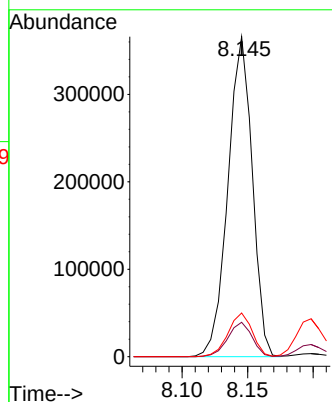
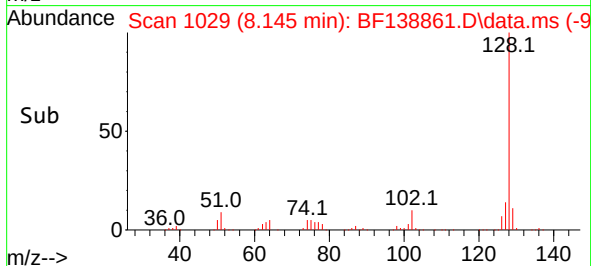


Tgt Ion:128 Resp: 47297
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.6 10.6 16.0

Manual Integrations

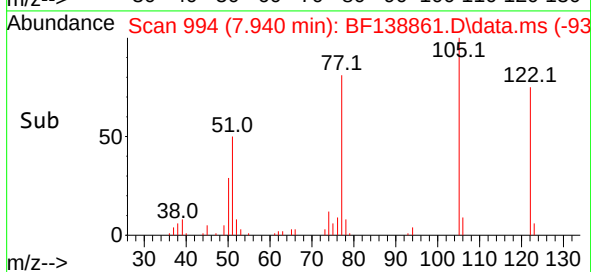
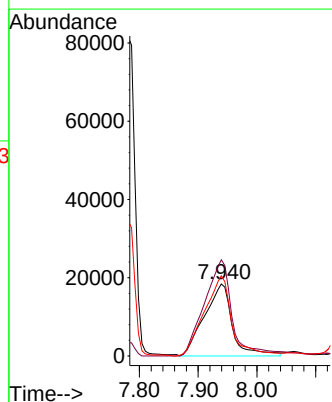
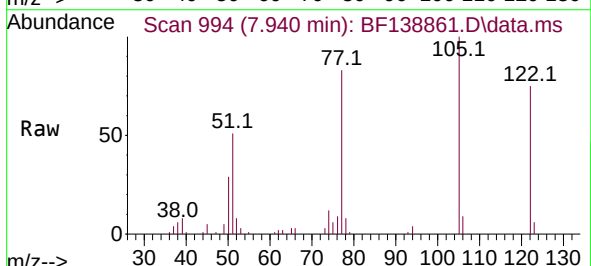
APPROVED

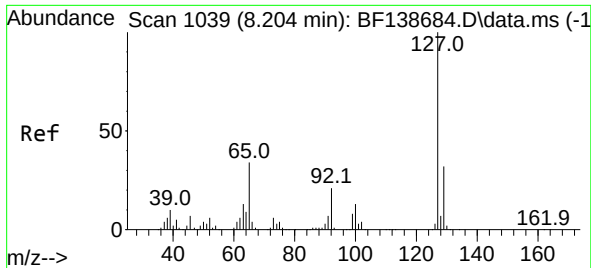
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#32
Benzoic acid
Concen: 36.040 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.036 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:122 Resp: 60838
Ion Ratio Lower Upper
122 100
105 133.6 106.7 146.7
77 111.3 81.1 121.1





#33
4-Chloroaniline
Concen: 20.118 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

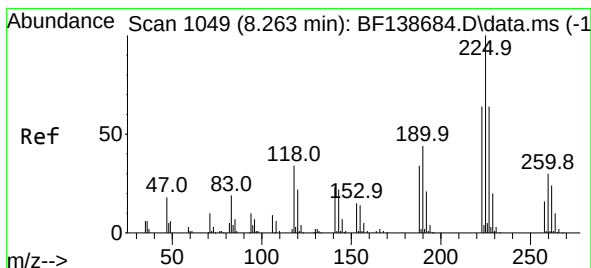
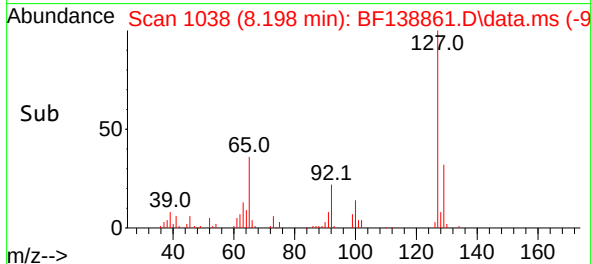
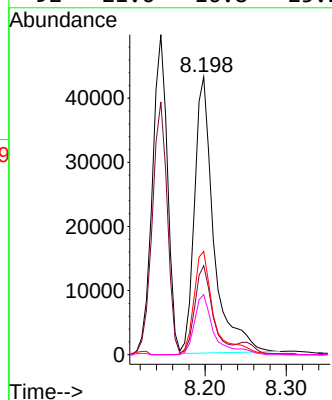
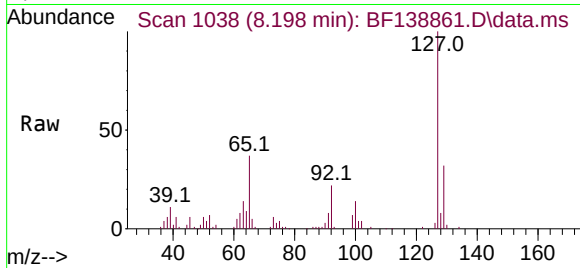
ClientSampleId :

PB162342BS

Tgt Ion:127 Resp: 7125
Ion Ratio Lower Upper
127 100
129 32.0 25.9 38.9
65 37.2 27.6 41.4
92 21.6 16.8 25.2

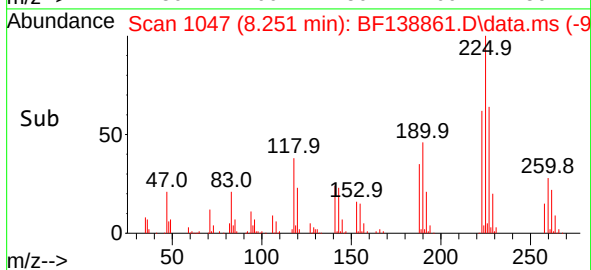
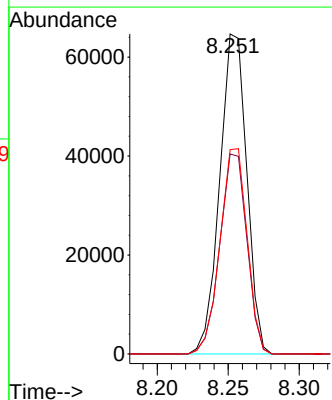
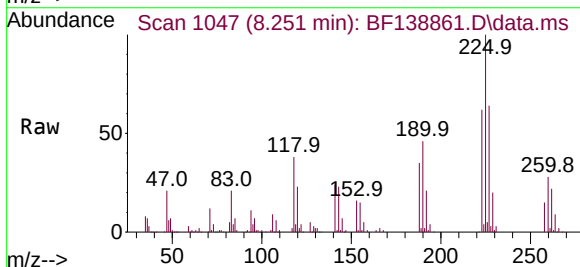
Manual Integrations
APPROVED

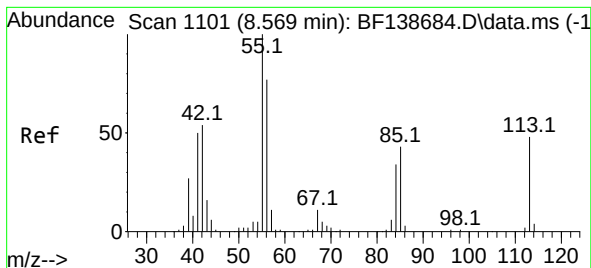
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#34
Hexachlorobutadiene
Concen: 44.409 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

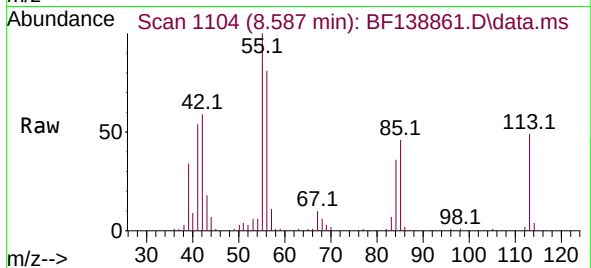
Tgt Ion:225 Resp: 85658
Ion Ratio Lower Upper
225 100
223 62.5 51.2 76.8
227 63.9 51.1 76.7





#35
Caprolactam
Concen: 43.682 ng m
RT: 8.587 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

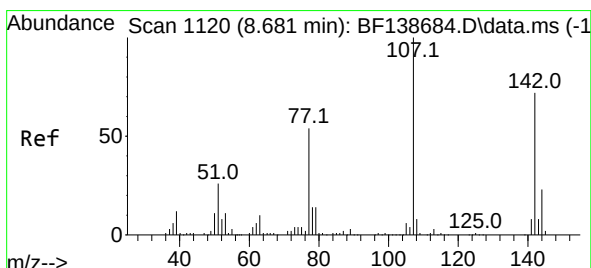
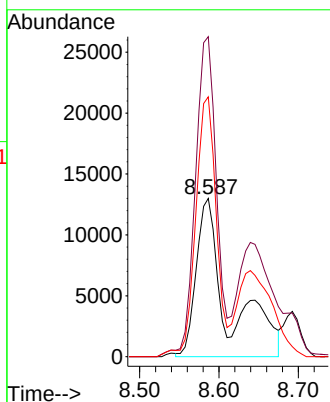
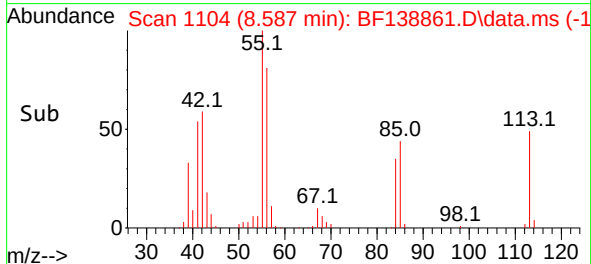
Instrument :
BNA_F
ClientSampleId :
PB162342BS



Tgt Ion:113 Resp: 3596
Ion Ratio Lower Upper
113 100
55 202.2 186.7 226.7
56 164.2 138.9 178.9

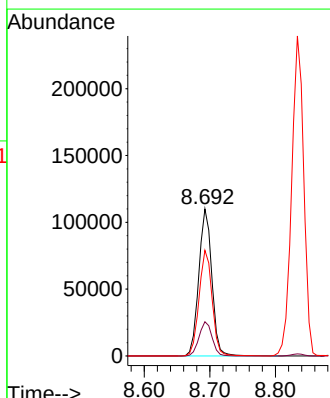
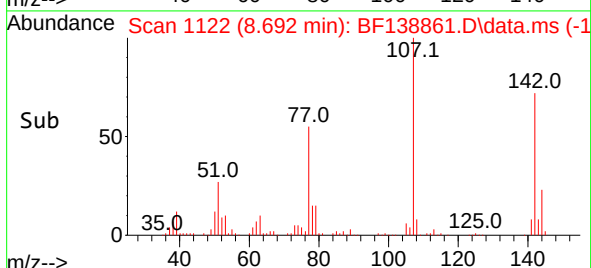
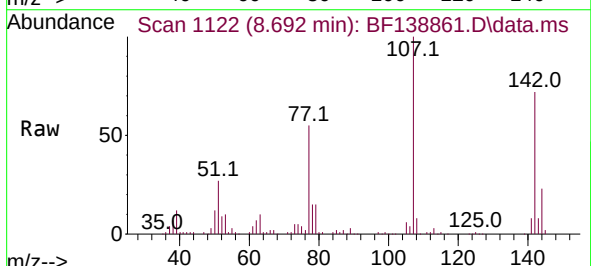
Manual Integrations
APPROVED

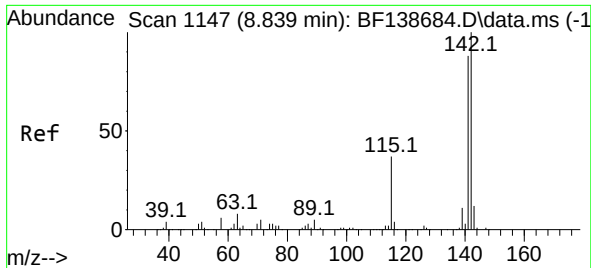
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#36
4-Chloro-3-methylphenol
Concen: 48.449 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:107 Resp: 152794
Ion Ratio Lower Upper
107 100
144 23.3 18.2 27.2
142 71.8 57.4 86.2





#37
2-Methylnaphthalene
Concen: 46.111 ng
RT: 8.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

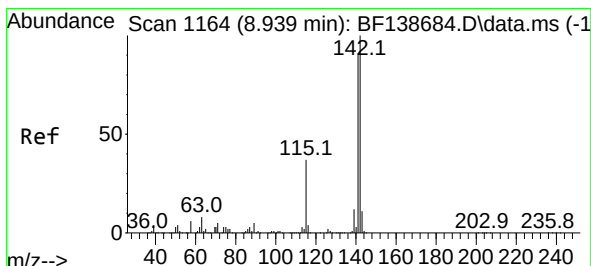
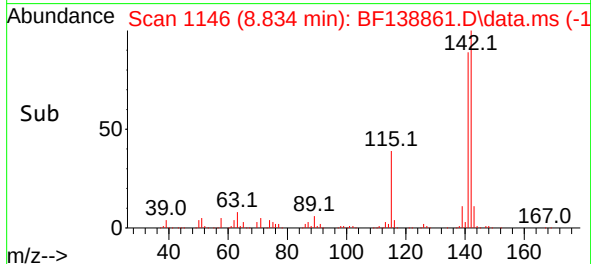
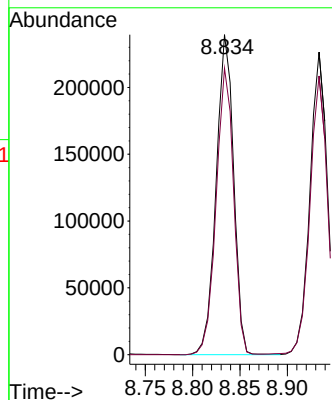
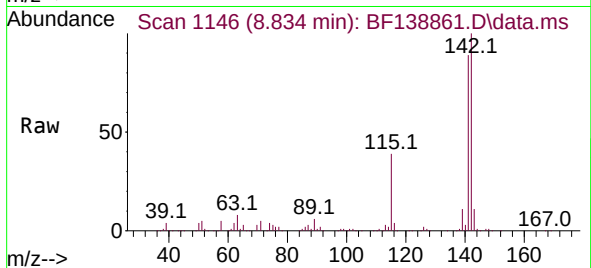
ClientSampleId :

PB162342BS

Tgt Ion:142 Resp: 30725
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2

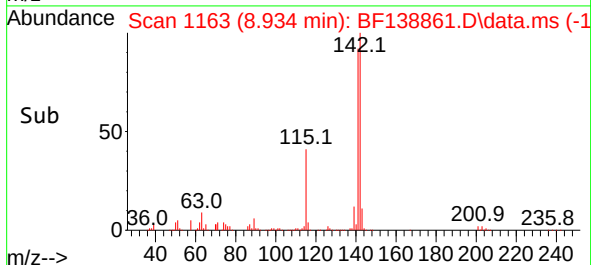
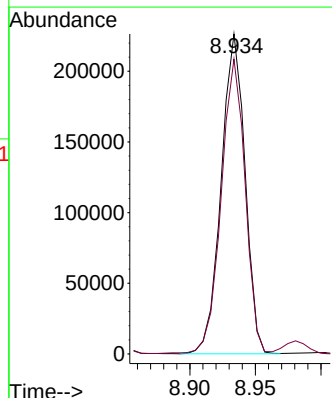
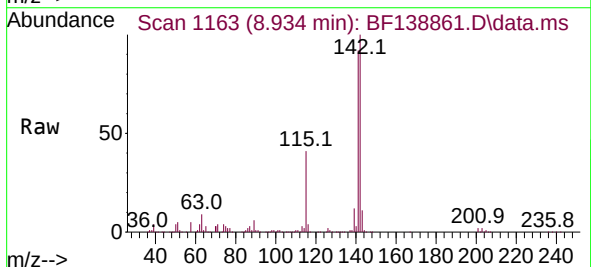
Manual Integrations
APPROVED

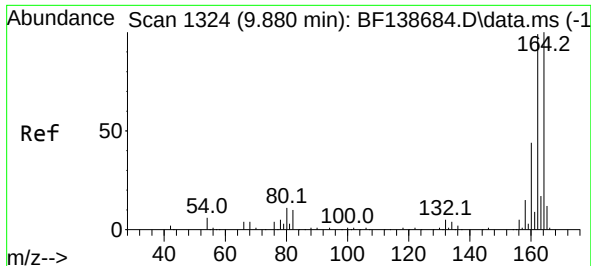
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#38
1-Methylnaphthalene
Concen: 43.741 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:142 Resp: 285607
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1117

Delta R.T. -0.005 min

Lab File: BF138861.D

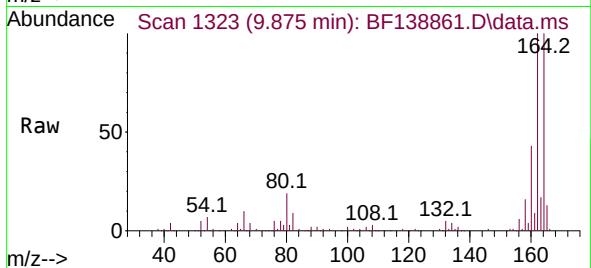
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB162342BS



Tgt Ion:164 Resp: 112460

Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.0

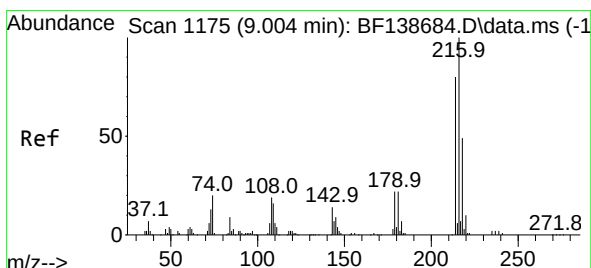
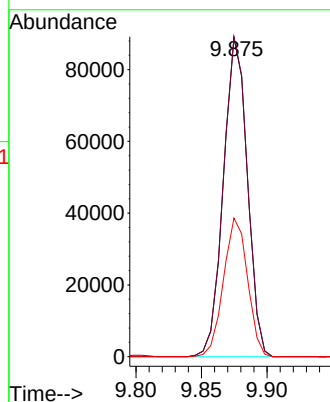
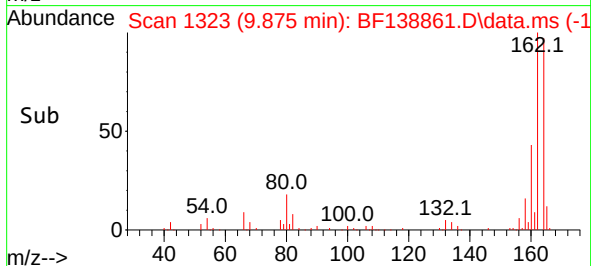
160 43.5 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.252 ng

RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF138861.D

Acq: 08 Aug 2024 12:51

Tgt Ion:216 Resp: 131996

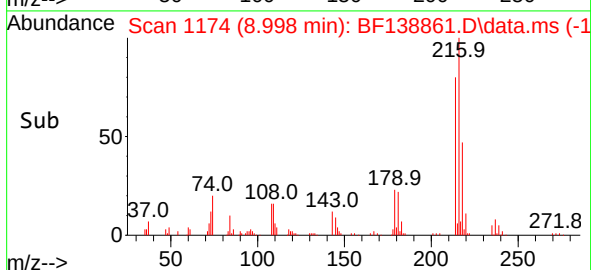
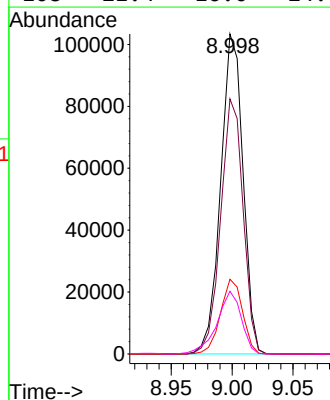
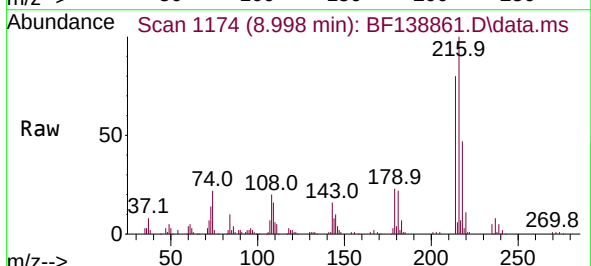
Ion Ratio Lower Upper

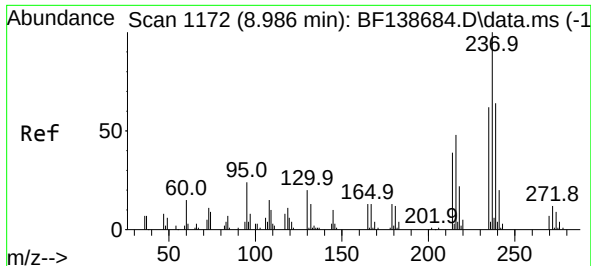
216 100

214 79.8 63.9 95.9

179 23.1 17.8 26.6

108 21.4 16.0 24.0





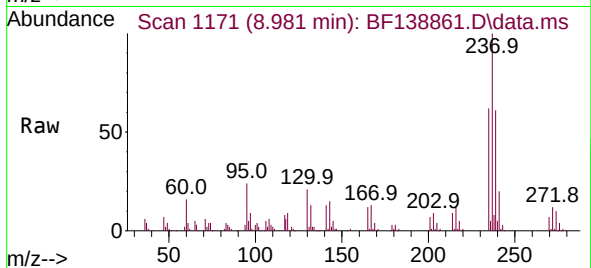
#41
Hexachlorocyclopentadiene
Concen: 106.275 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB162342BS

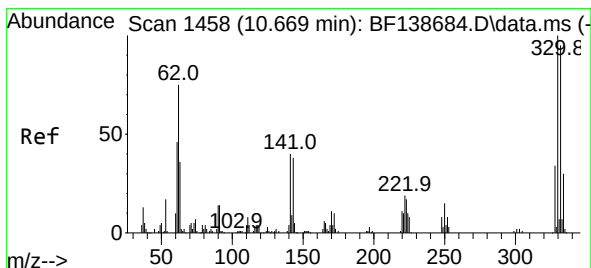
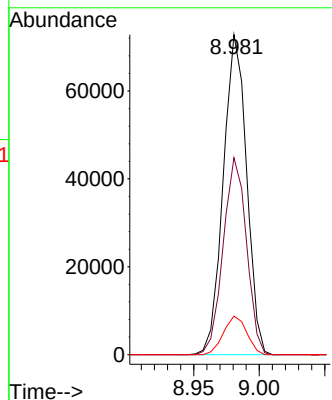
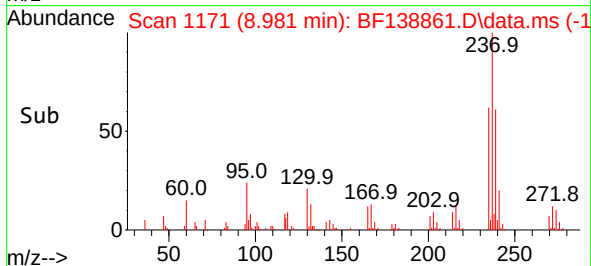


Tgt Ion:237 Resp: 89949
Ion Ratio Lower Upper
237 100
235 61.5 41.8 81.8
272 12.0 0.0 32.2

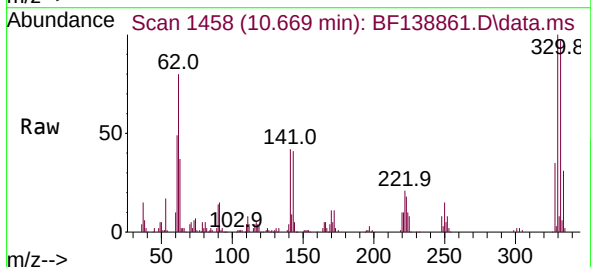
Manual Integrations

APPROVED

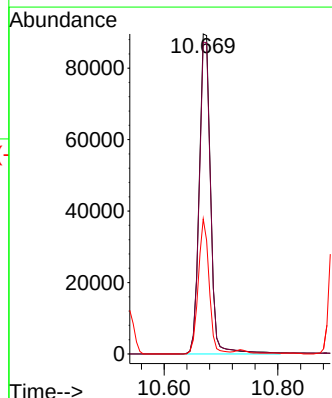
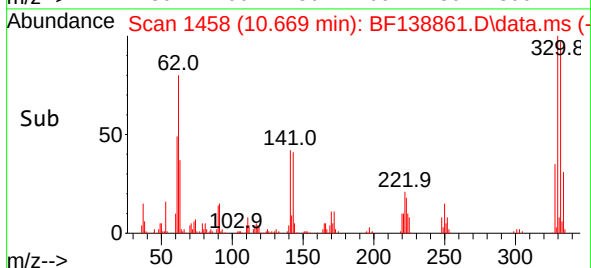
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

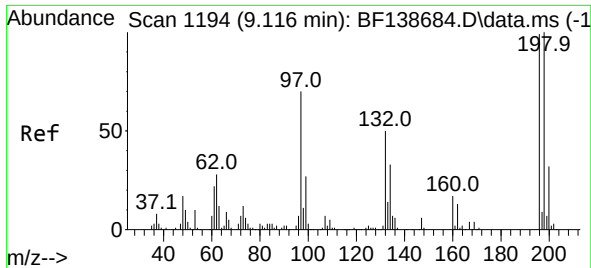


#42
2,4,6-Tribromophenol
Concen: 135.684 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51



Tgt Ion:330 Resp: 124992
Ion Ratio Lower Upper
330 100
332 97.9 76.4 114.6
141 40.0 31.1 46.7





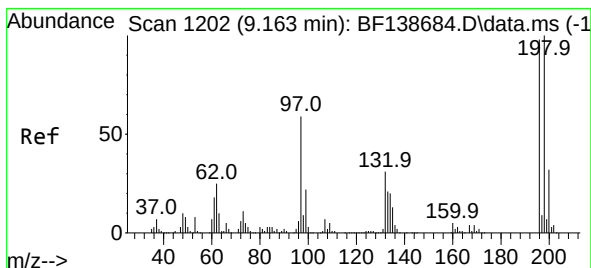
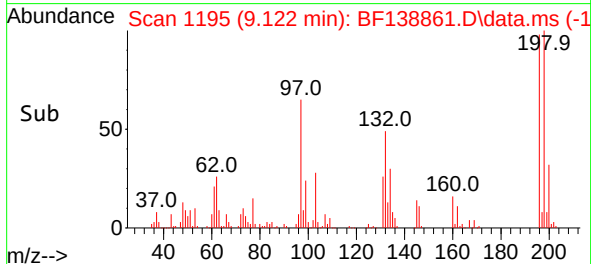
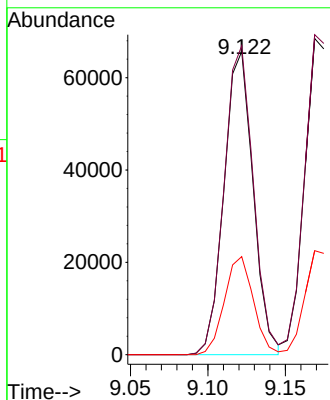
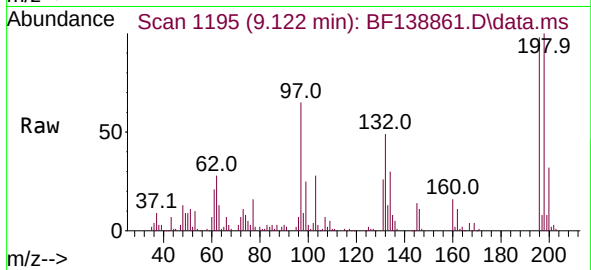
#43
2,4,6-Trichlorophenol
Concen: 45.037 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :
BNA_F
ClientSampleId :
PB162342BS

Tgt Ion:196 Resp: 8578
Ion Ratio Lower Upper
196 100
198 101.9 80.5 120.7
200 32.3 25.9 38.9

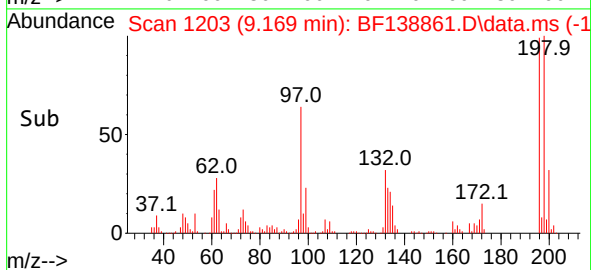
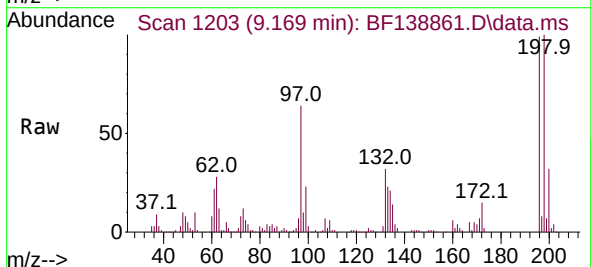
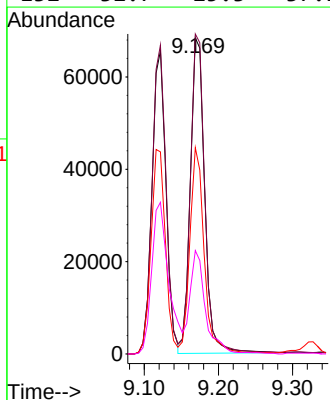
Manual Integrations
APPROVED

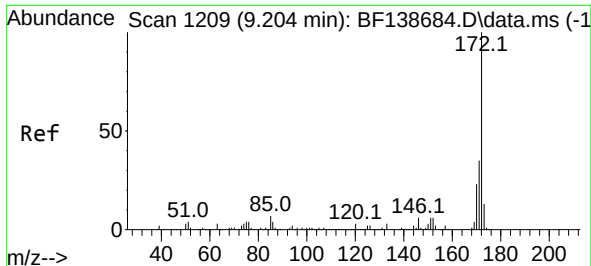
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#44
2,4,5-Trichlorophenol
Concen: 43.983 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:196 Resp: 91585
Ion Ratio Lower Upper
196 100
198 101.2 81.2 121.8
97 65.2 47.8 71.6
132 32.7 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 86.738 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

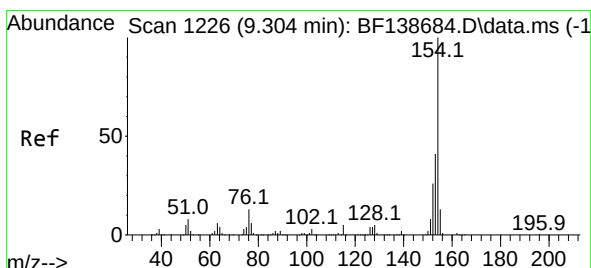
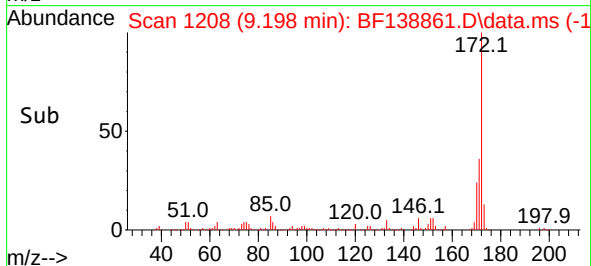
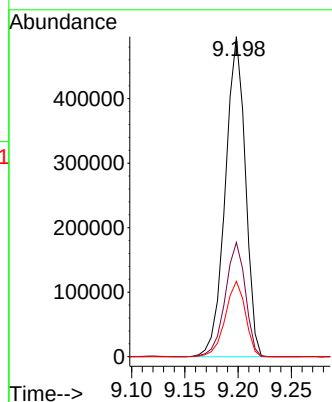
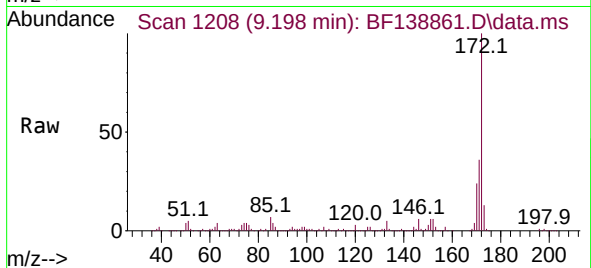
PB162342BS

Tgt Ion:172 Resp: 649224
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.6 18.8 28.2

Manual Integrations

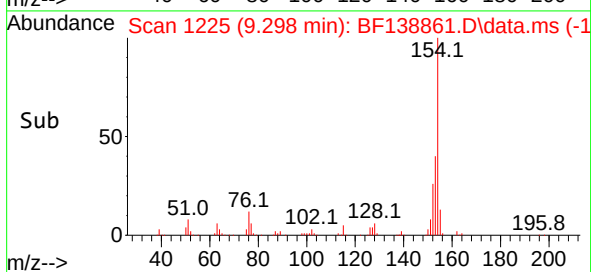
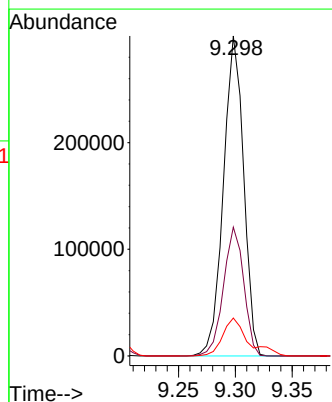
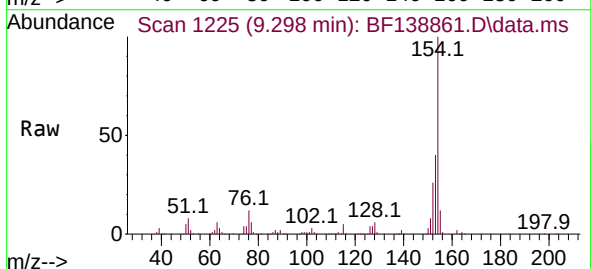
APPROVED

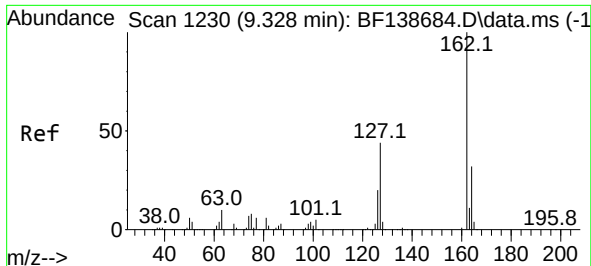
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#46
1,1'-Biphenyl
Concen: 42.129 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:154 Resp: 371059
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 11.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 44.679 ng

RT: 9.328 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF138861.D

Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB162342BS

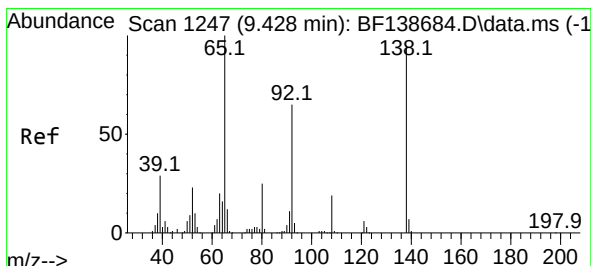
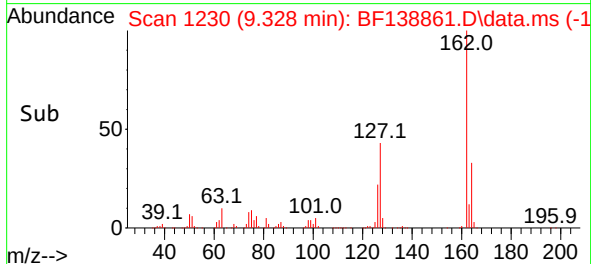
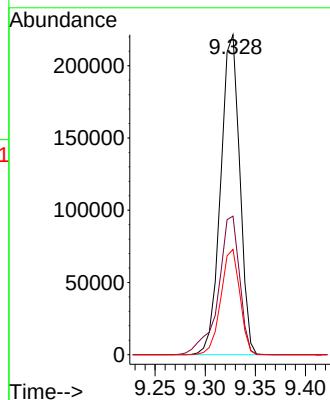
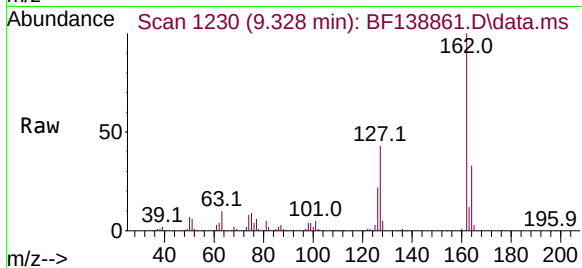
Tgt Ion:162 Resp: 292670
 Ion Ratio Lower Upper
 162 100
 127 43.3 35.4 53.2
 164 32.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#48

2-Nitroaniline

Concen: 46.665 ng

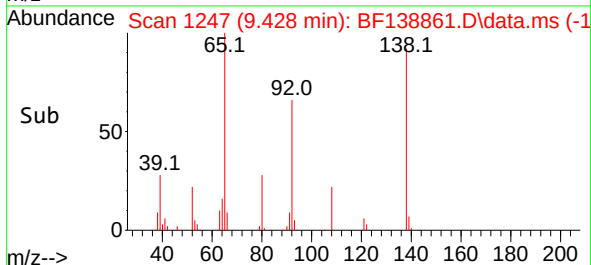
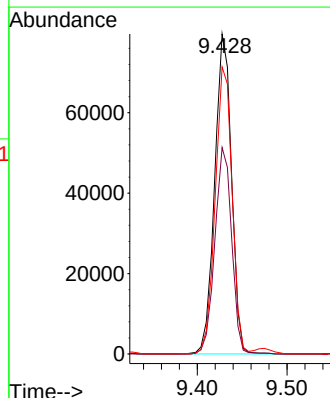
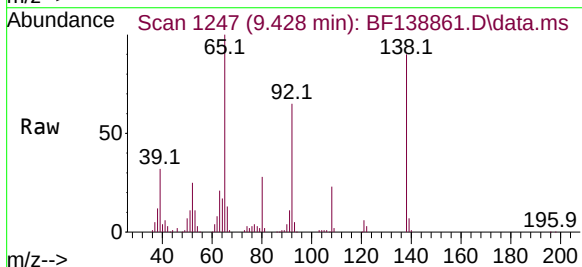
RT: 9.428 min Scan# 1247

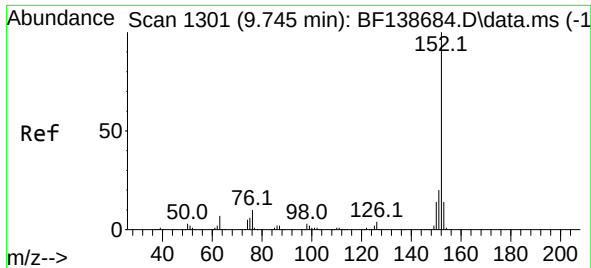
Delta R.T. 0.000 min

Lab File: BF138861.D

Acq: 08 Aug 2024 12:51

Tgt Ion: 65 Resp: 103630
 Ion Ratio Lower Upper
 65 100
 92 64.5 52.0 78.0
 138 89.7 76.2 114.4





#49
Acenaphthylene
Concen: 48.555 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

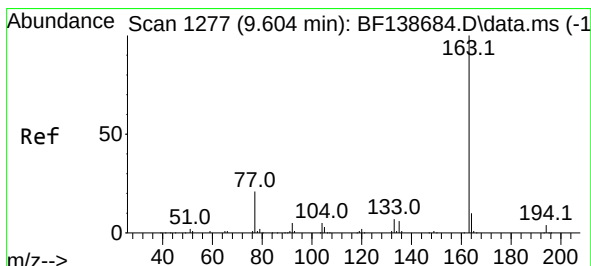
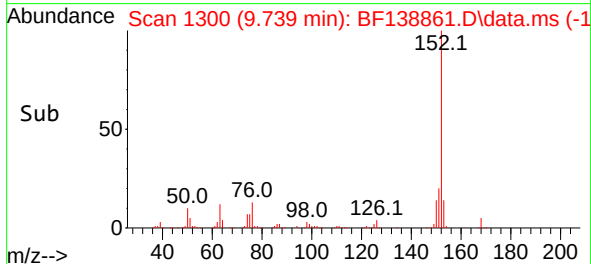
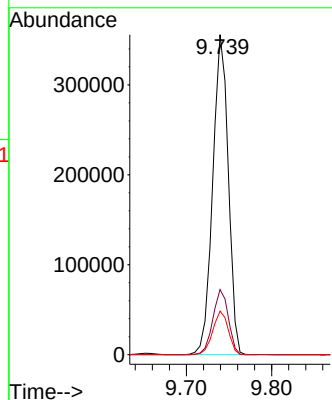
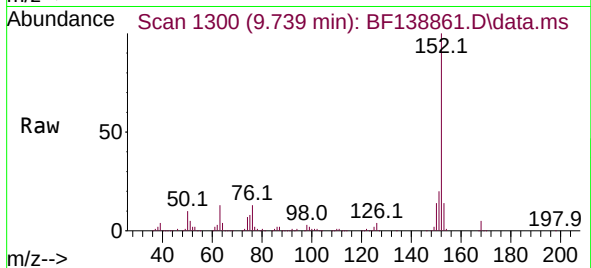
PB162342BS

Tgt Ion:152 Resp: 45111
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.6 11.0 16.4

Manual Integrations

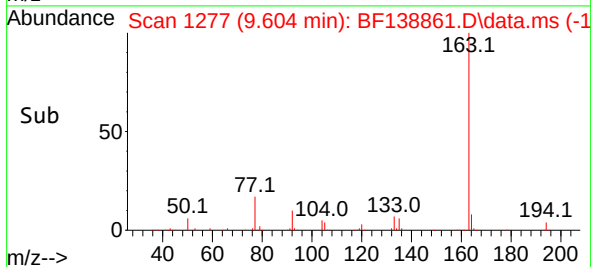
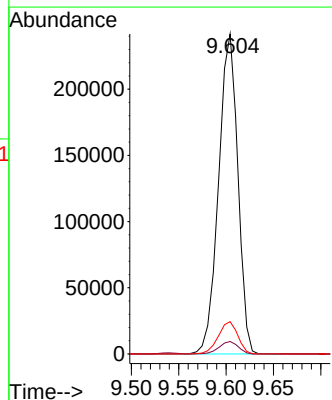
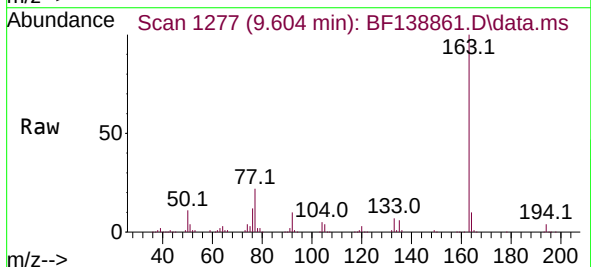
APPROVED

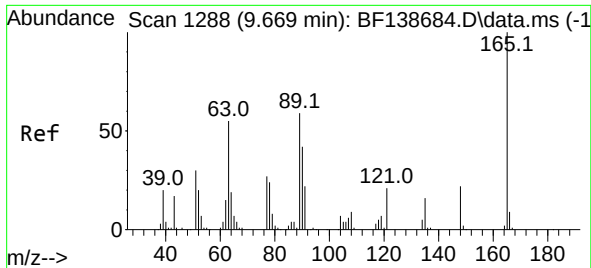
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#50
Dimethylphthalate
Concen: 47.581 ng
RT: 9.604 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:163 Resp: 342149
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 45.964 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

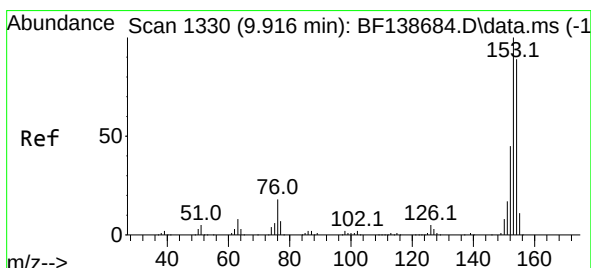
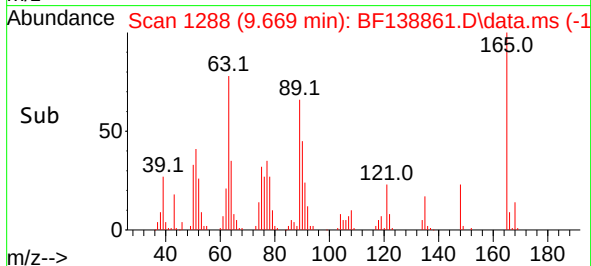
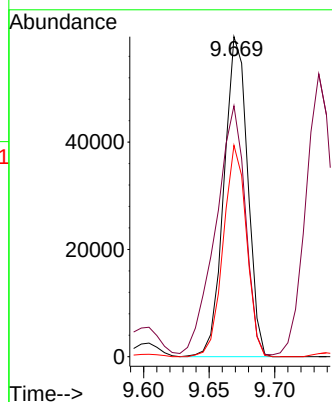
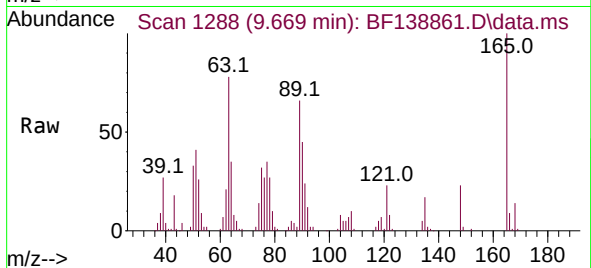
ClientSampleId :

PB162342BS

Tgt Ion:165 Resp: 7459
Ion Ratio Lower Upper
165 100
63 78.4 52.0 78.0
89 66.1 47.0 70.6

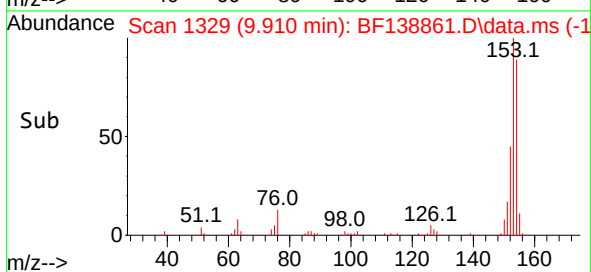
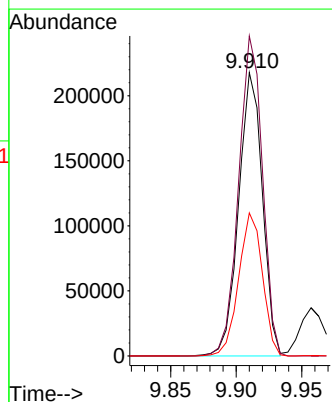
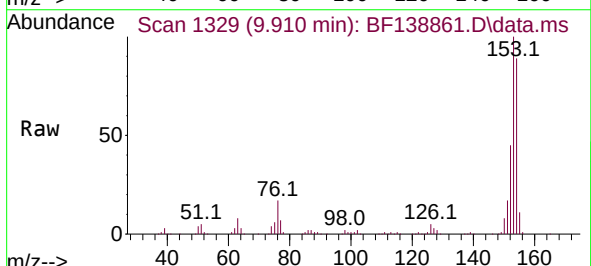
Manual Integrations
APPROVED

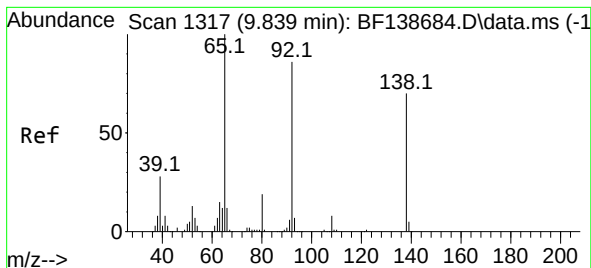
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#52
Acenaphthene
Concen: 43.983 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:154 Resp: 274688
Ion Ratio Lower Upper
154 100
153 112.9 89.9 134.9
152 50.5 40.6 60.8





#53
3-Nitroaniline
Concen: 30.108 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

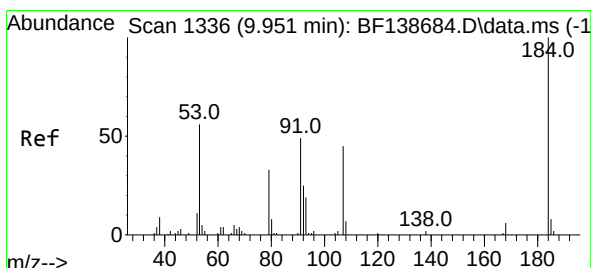
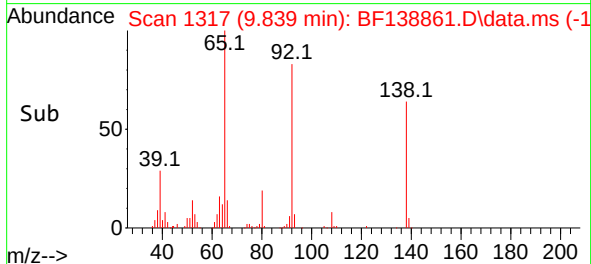
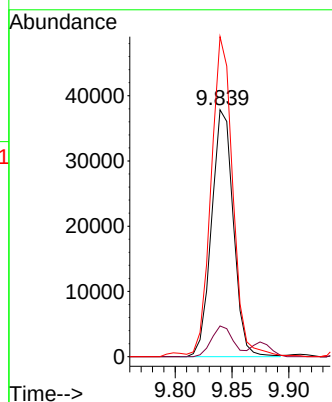
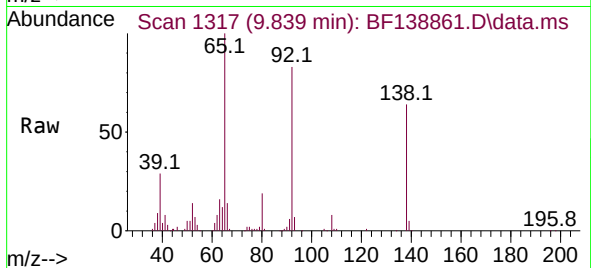
PB162342BS

Tgt Ion:138 Resp: 5051
Ion Ratio Lower Upper
138 100
108 12.4 9.1 13.7
92 129.6 98.7 148.1

Manual Integrations

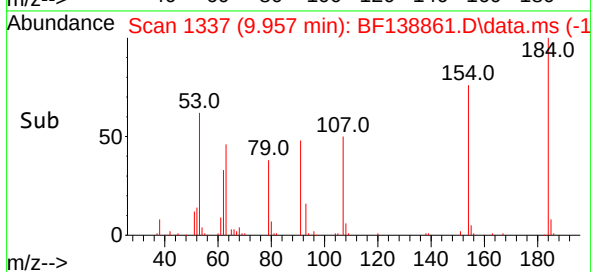
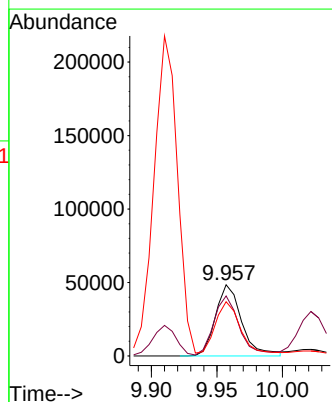
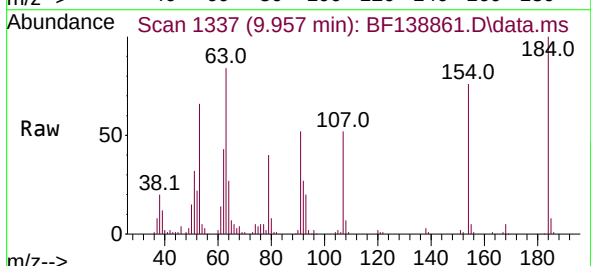
APPROVED

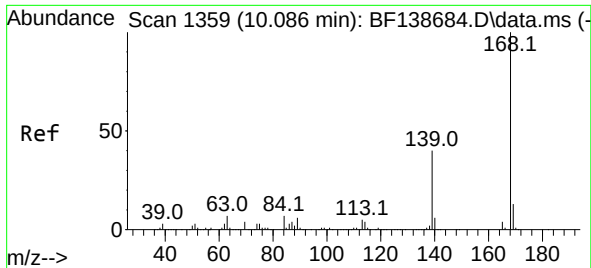
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#54
2,4-Dinitrophenol
Concen: 90.233 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

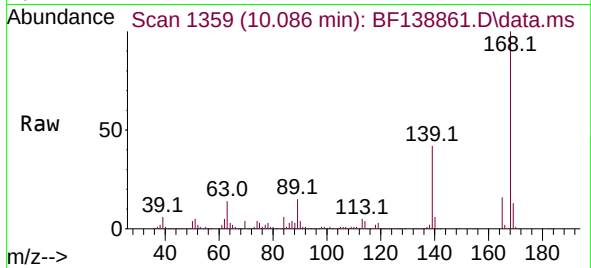
Tgt Ion:184 Resp: 67408
Ion Ratio Lower Upper
184 100
63 84.2 57.5 86.3
154 76.2 51.7 77.5





#55
Dibenzenofuran
Concen: 46.948 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

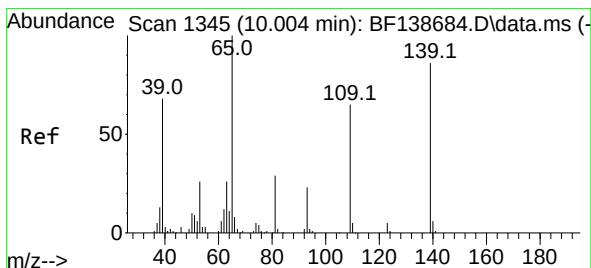
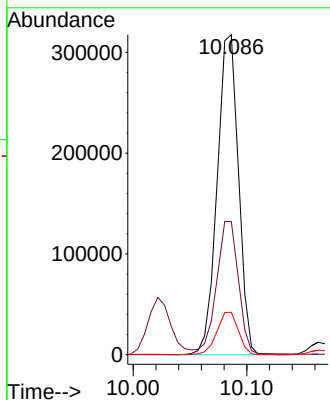
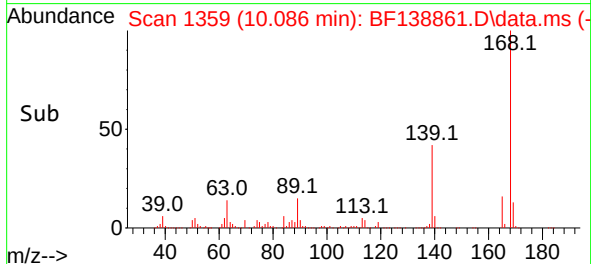
Instrument :
BNA_F
ClientSampleId :
PB162342BS



Tgt Ion:168 Resp: 413890
Ion Ratio Lower Upper
168 100
139 41.6 32.6 49.0
169 13.2 10.7 16.1

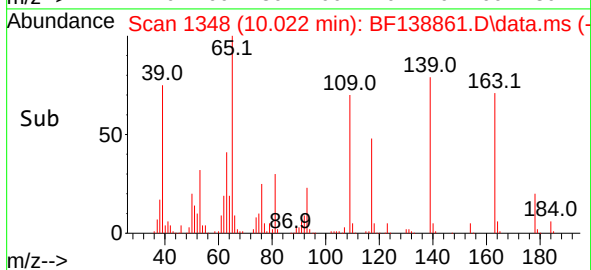
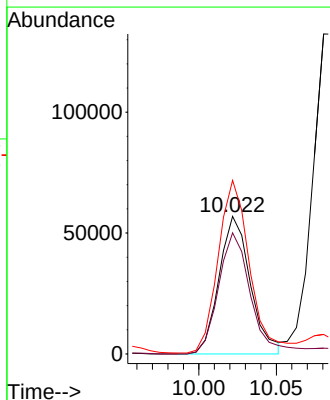
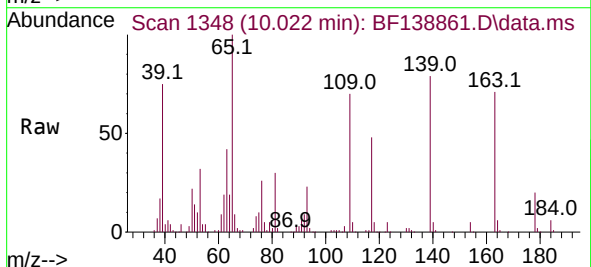
Manual Integrations
APPROVED

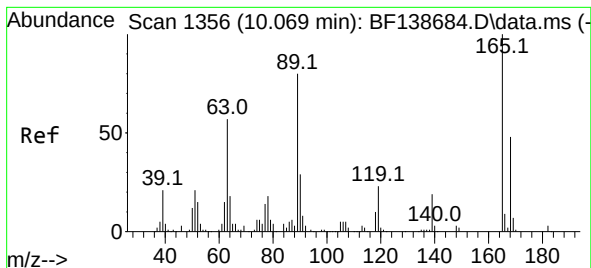
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#56
4-Nitrophenol
Concen: 79.271 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:139 Resp: 79973
Ion Ratio Lower Upper
139 100
109 88.1 55.5 95.5
65 126.2 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 47.725 ng
RT: 10.081 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

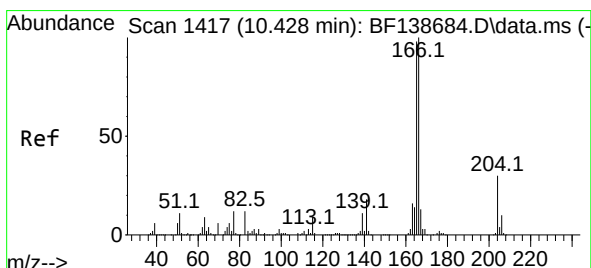
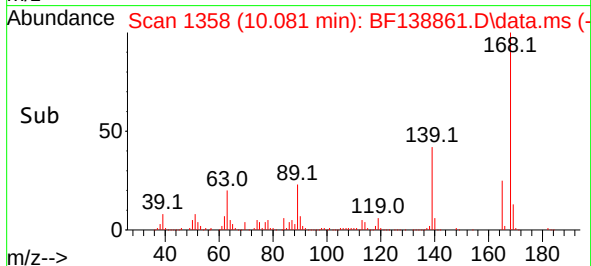
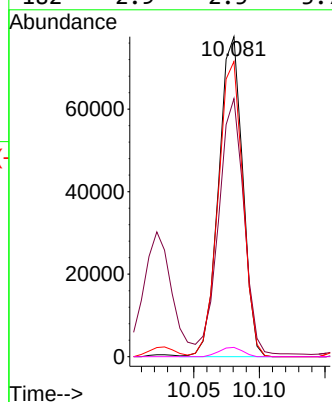
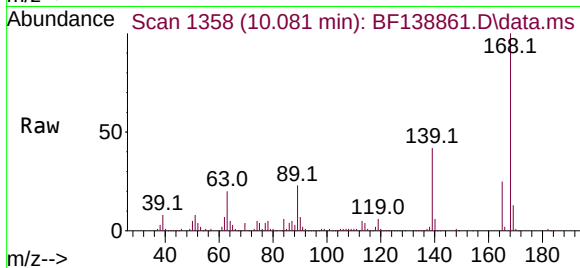
PB162342BS

Tgt Ion:165 Resp: 9881
Ion Ratio Lower Upper
165 100
63 80.6 46.3 69.5
89 92.3 64.2 96.4
182 2.9 2.5 3.7

Manual Integrations

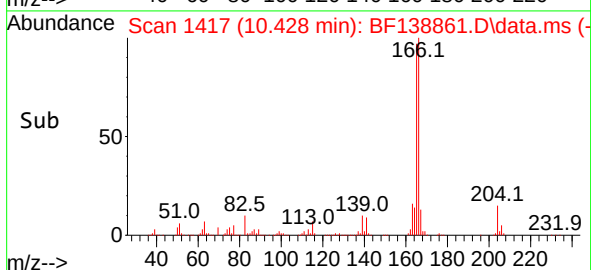
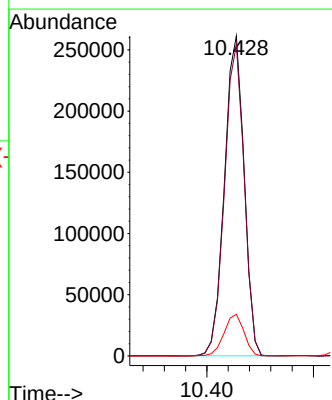
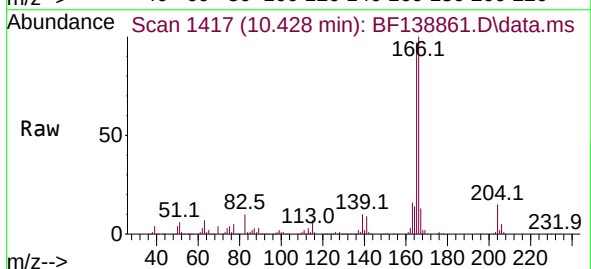
APPROVED

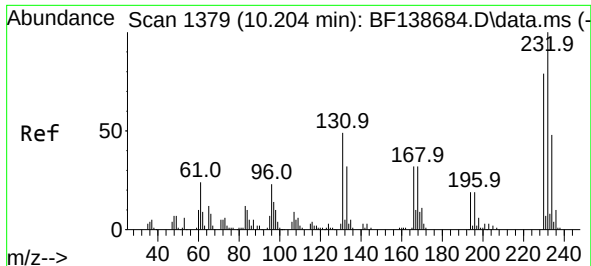
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#58
Fluorene
Concen: 47.576 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:166 Resp: 334002
Ion Ratio Lower Upper
166 100
165 97.3 78.4 117.6
167 13.0 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.921 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

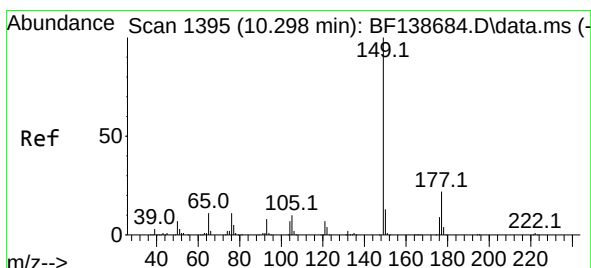
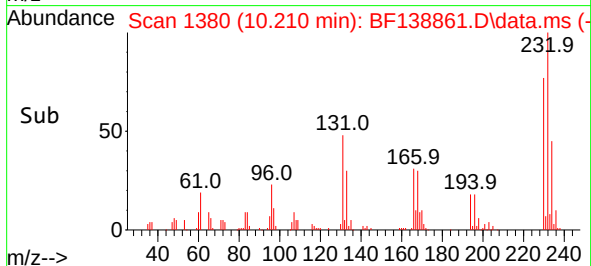
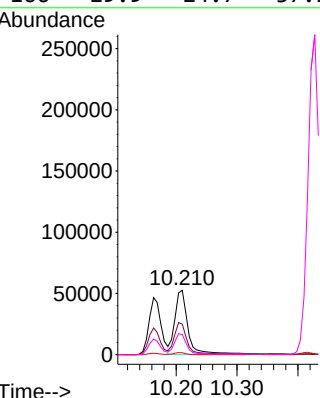
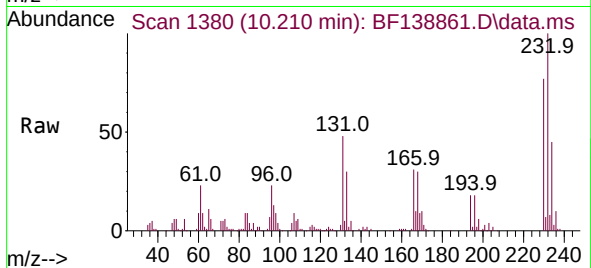
PB162342BS

Tgt Ion:232 Resp: 77880
Ion Ratio Lower Upper
232 100
131 47.6 37.0 55.4
130 2.7 2.0 3.0
166 29.9 24.7 37.1

Manual Integrations

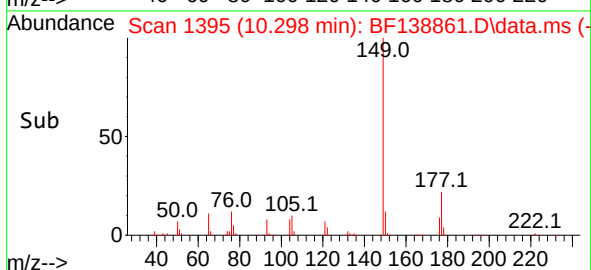
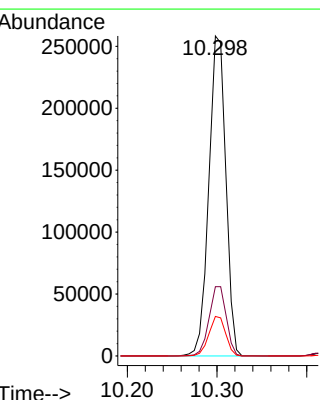
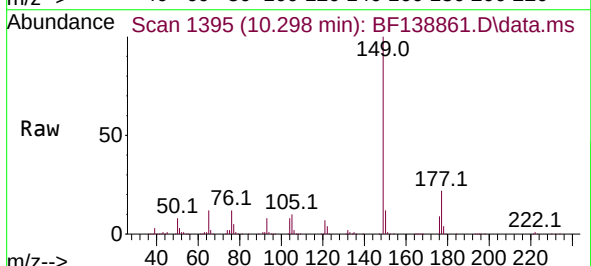
APPROVED

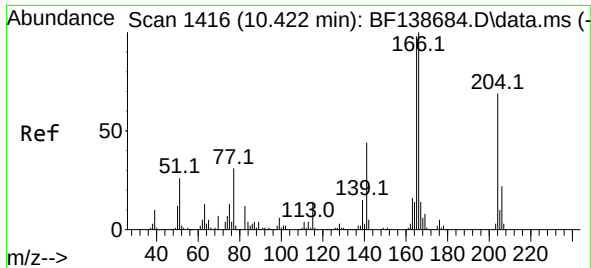
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#60
Diethylphthalate
Concen: 49.799 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:149 Resp: 339540
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.8
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.804 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

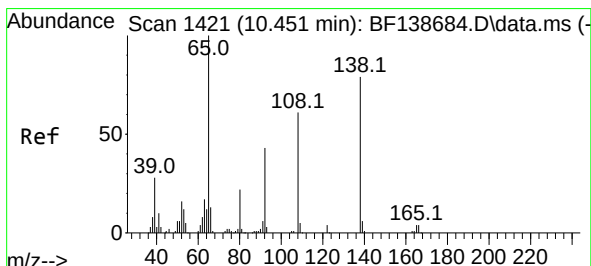
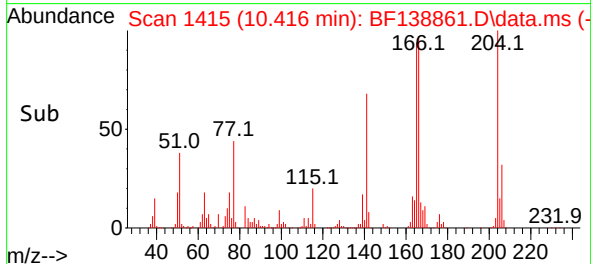
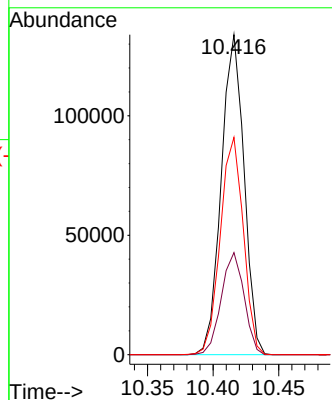
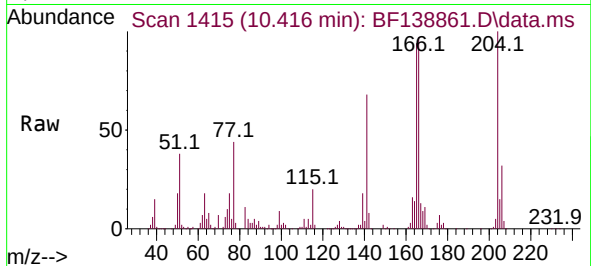
PB162342BS

Tgt Ion:204 Resp: 161609
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 67.9 51.4 77.0

Manual Integrations

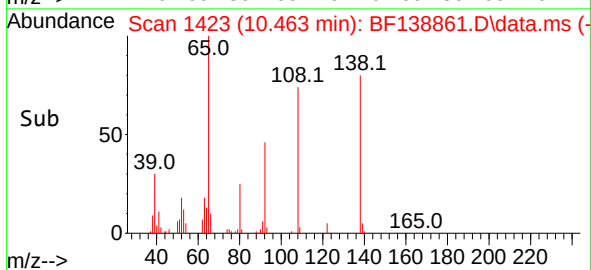
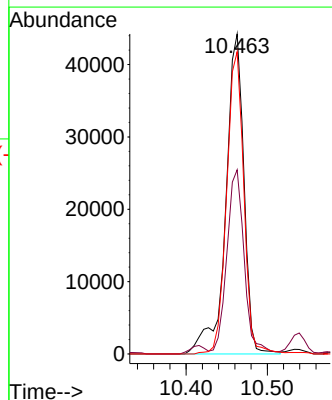
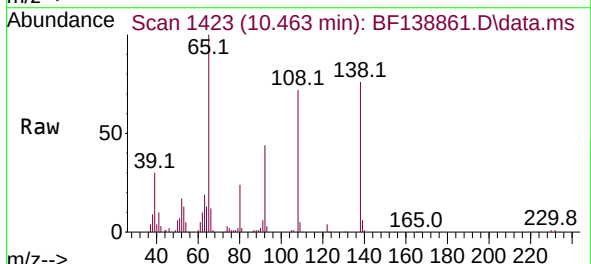
APPROVED

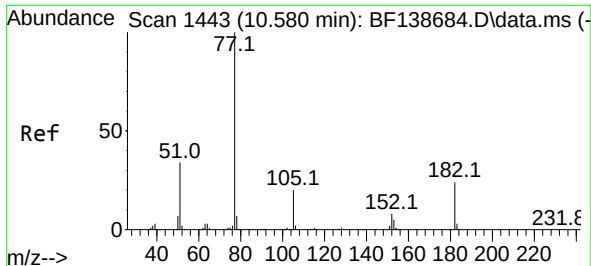
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#62
4-Nitroaniline
Concen: 43.210 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:138 Resp: 68889
Ion Ratio Lower Upper
138 100
92 57.6 34.2 74.2
108 94.4 56.2 96.2





#63
Azobenzene
Concen: 46.044 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

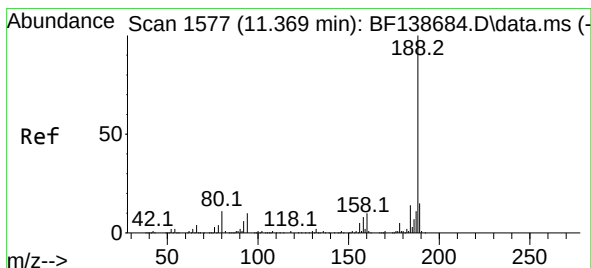
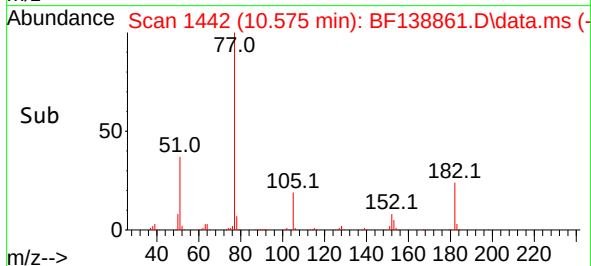
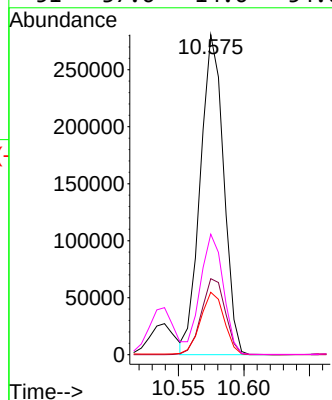
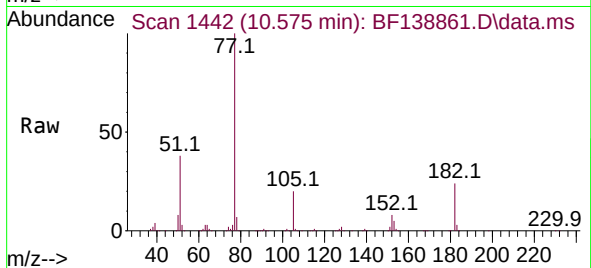
PB162342BS

Tgt Ion: 77 Resp: 34818
Ion Ratio Lower Upper
77 100
182 23.7 3.4 43.4
105 19.5 0.2 40.2
51 37.6 14.6 54.6

Manual Integrations

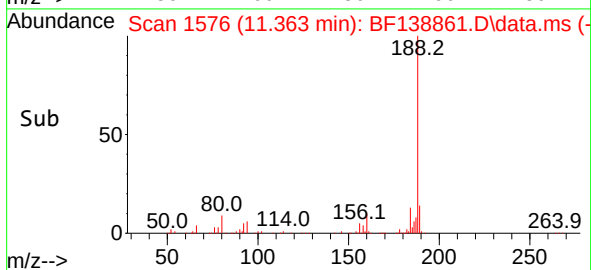
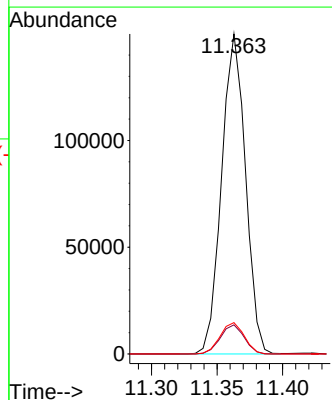
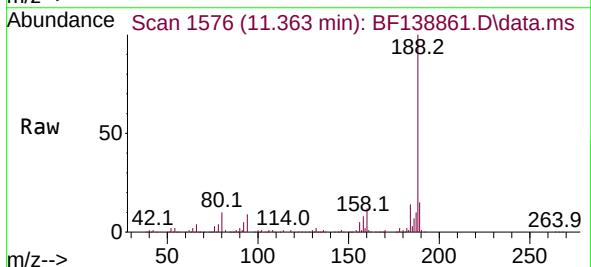
APPROVED

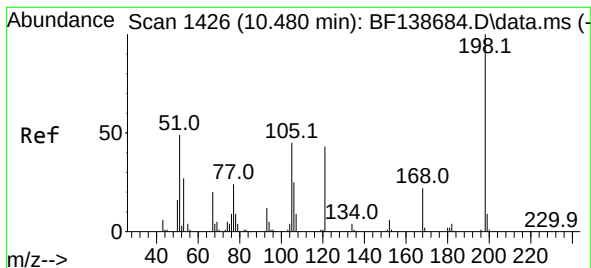
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:188 Resp: 189793
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.8 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 47.850 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

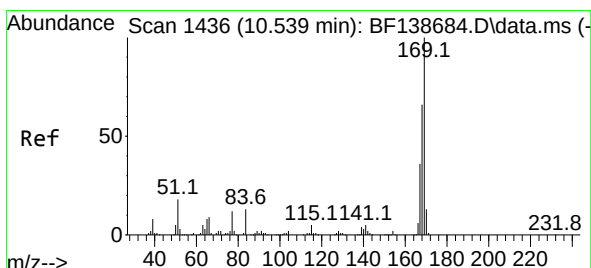
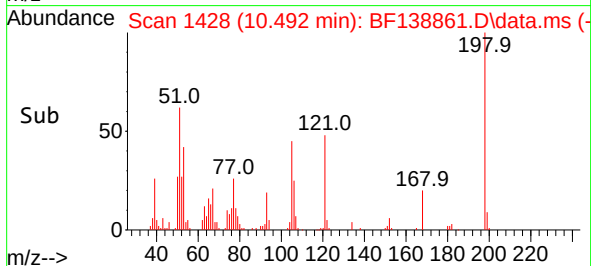
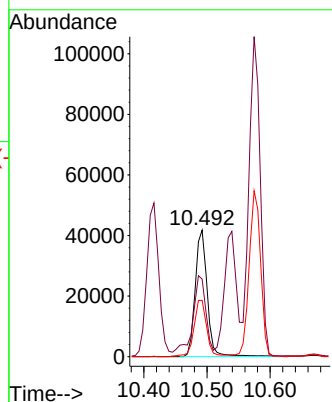
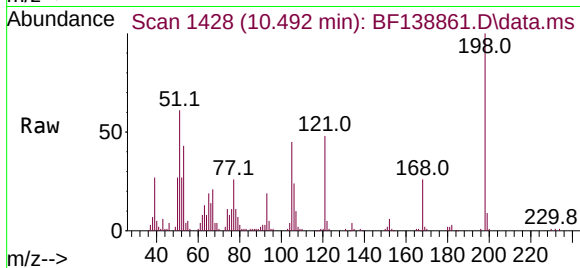
ClientSampleId :

PB162342BS

Tgt Ion:198 Resp: 5540
Ion Ratio Lower Upper
198 100
51 61.3 39.9 79.9
105 44.5 26.1 66.1

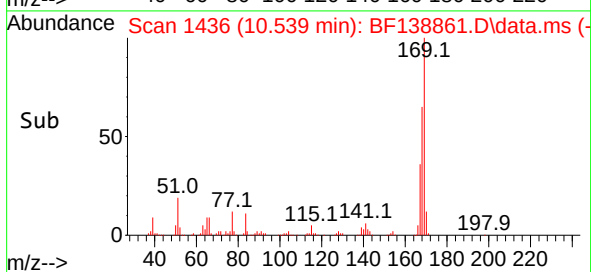
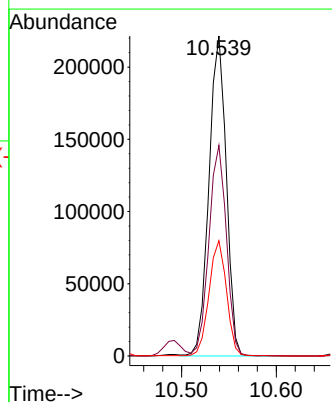
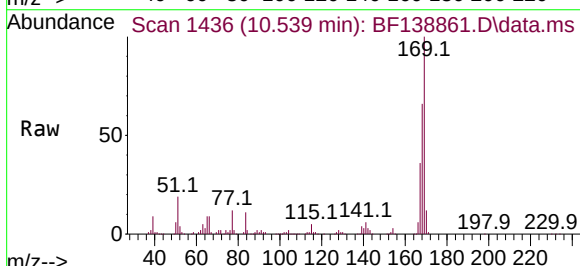
Manual Integrations
APPROVED

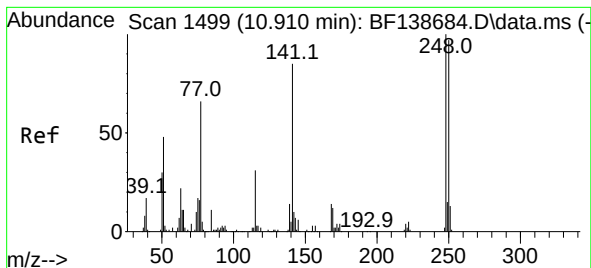
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#66
n-Nitrosodiphenylamine
Concen: 47.328 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:169 Resp: 280774
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 45.686 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

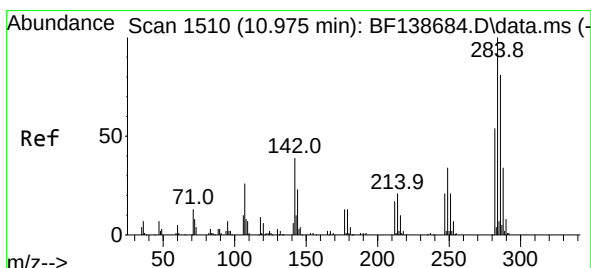
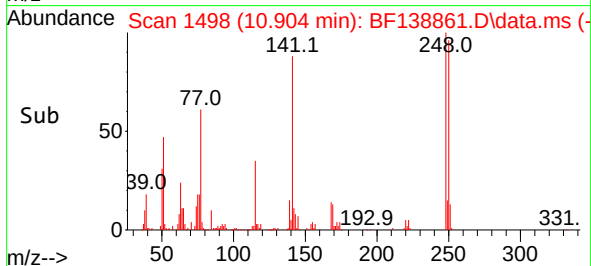
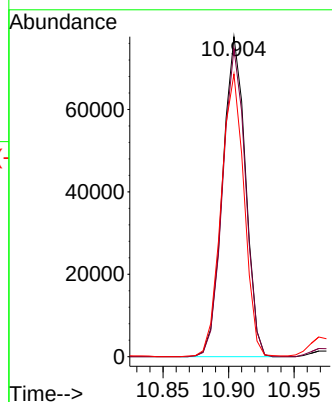
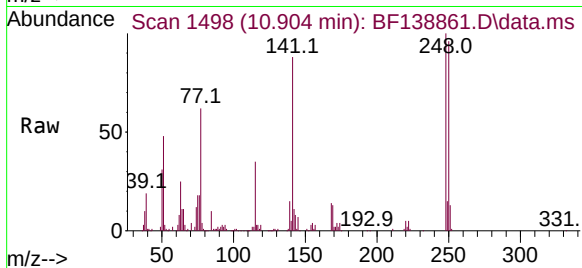
ClientSampleId :

PB162342BS

Tgt Ion:248 Resp: 93879
Ion Ratio Lower Upper
248 100
250 96.3 77.7 116.5
141 88.3 68.0 102.0

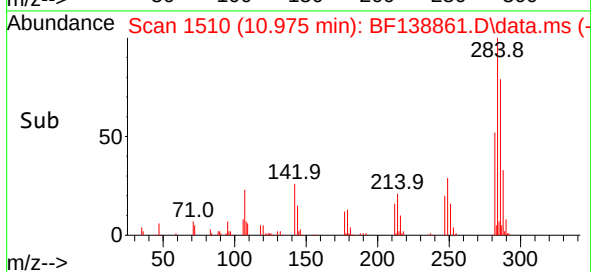
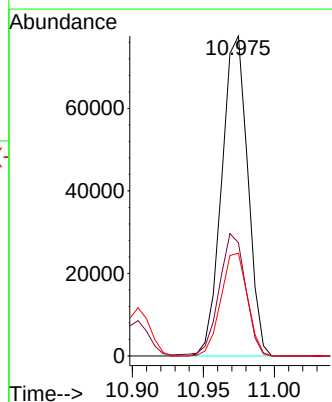
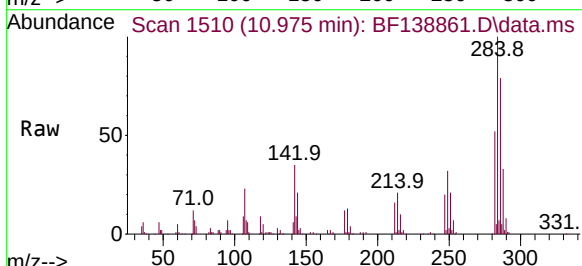
Manual Integrations
APPROVED

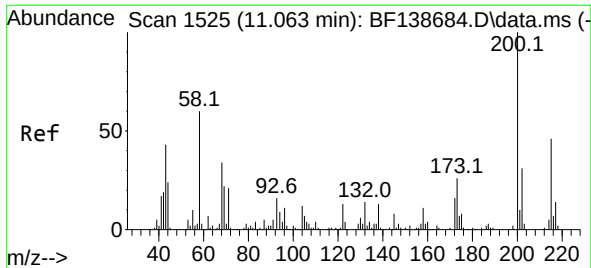
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#68
Hexachlorobenzene
Concen: 46.557 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:284 Resp: 98779
Ion Ratio Lower Upper
284 100
142 35.4 31.3 46.9
249 32.1 27.2 40.8





#69
Atrazine
Concen: 55.082 ng
RT: 11.063 min Scan# 1525
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

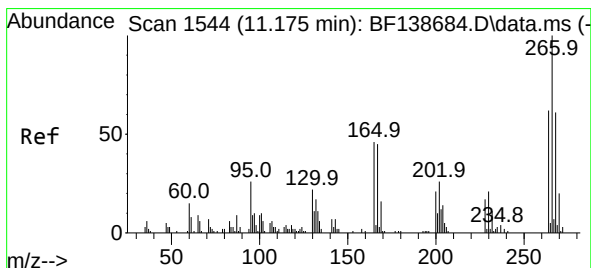
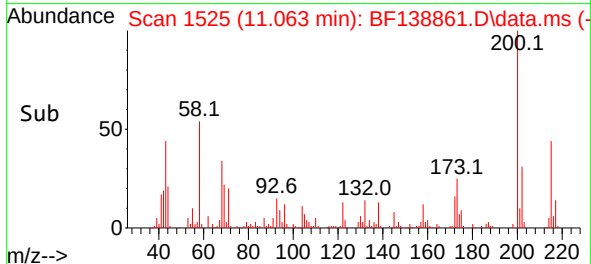
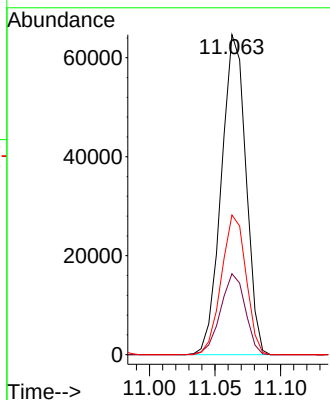
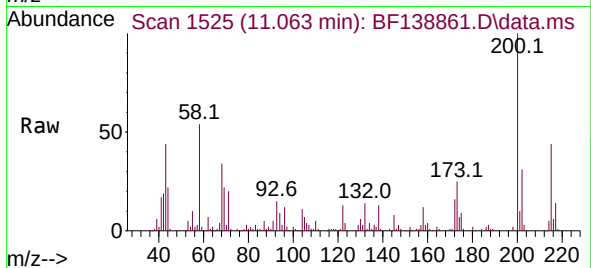
PB162342BS

Tgt Ion:200 Resp: 84309
Ion Ratio Lower Upper
200 100
173 25.3 6.0 46.0
215 43.7 26.1 66.1

Manual Integrations

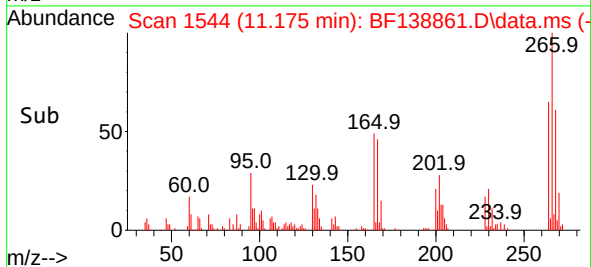
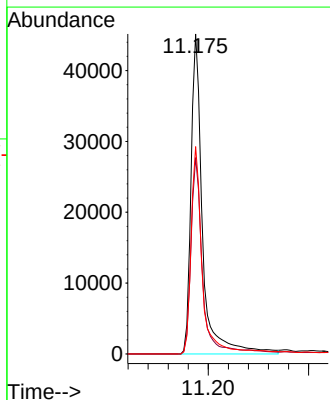
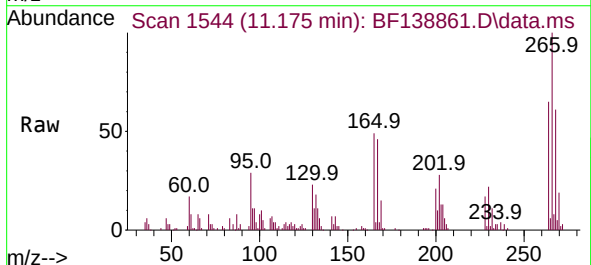
APPROVED

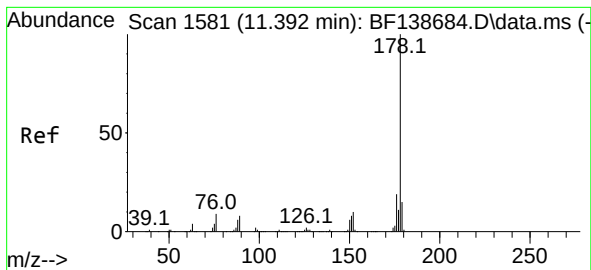
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#70
Pentachlorophenol
Concen: 75.552 ng
RT: 11.175 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:266 Resp: 72252
Ion Ratio Lower Upper
266 100
268 61.3 49.2 73.8
264 64.8 49.8 74.6





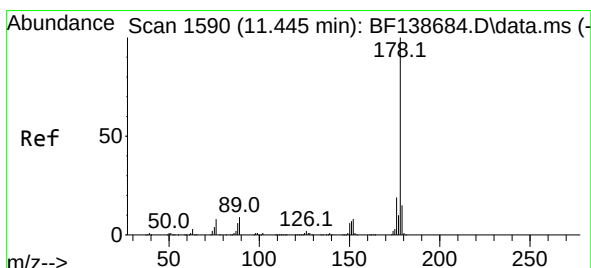
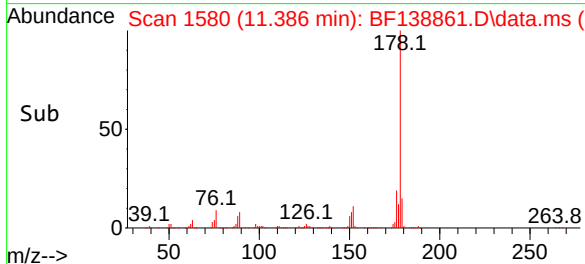
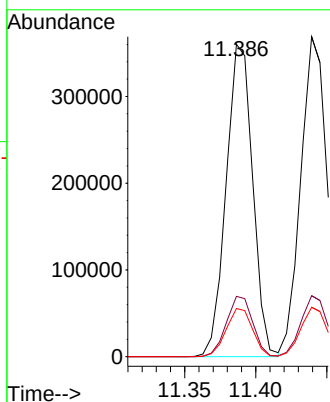
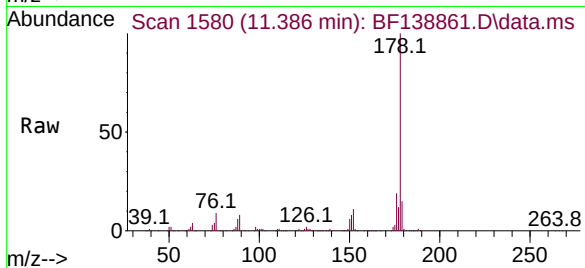
#71
Phenanthrene
Concen: 47.889 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :
BNA_F
ClientSampleId :
PB162342BS

Tgt Ion:178 Resp: 468009
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.2 18.2

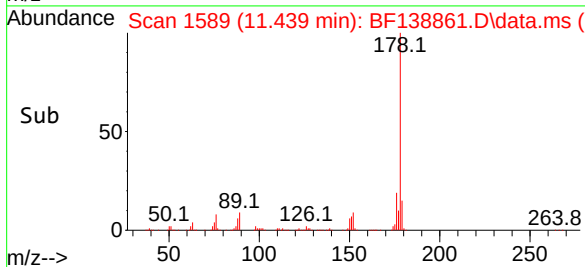
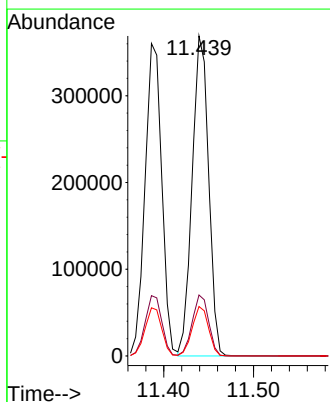
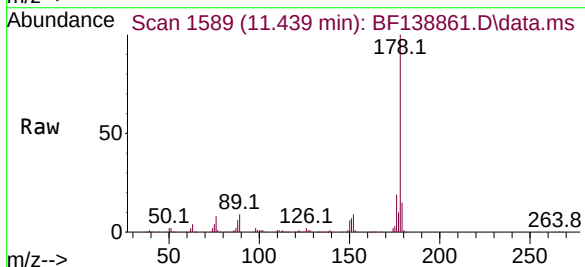
Manual Integrations
APPROVED

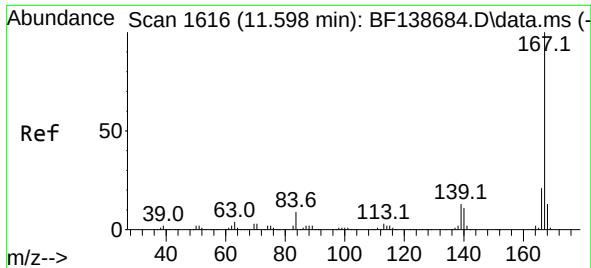
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#72
Anthracene
Concen: 48.860 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

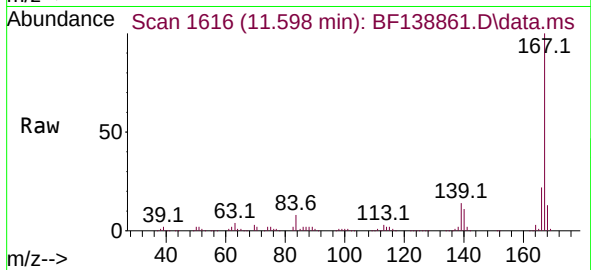
Tgt Ion:178 Resp: 470406
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 47.648 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF138861.D
 Acq: 08 Aug 2024 12:51

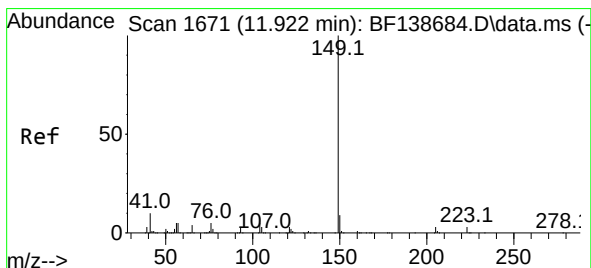
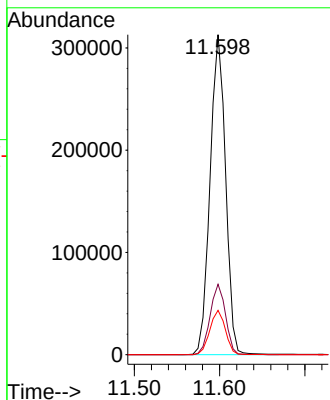
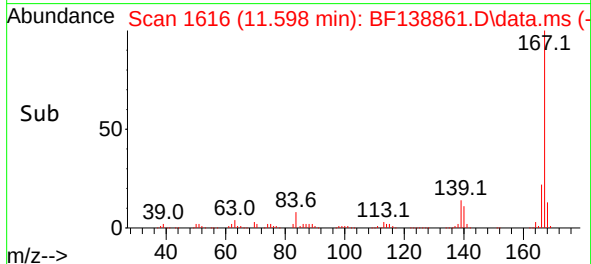
Instrument :
 BNA_F
 ClientSampleId :
 PB162342BS



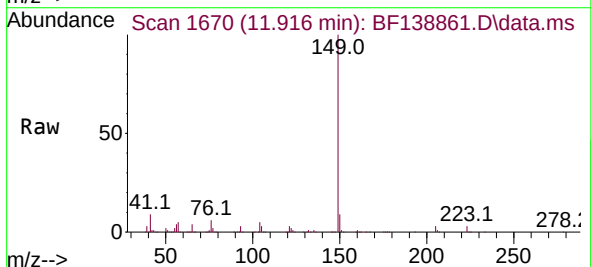
Tgt Ion:167 Resp: 395770
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.8 10.6 16.0

Manual Integrations
 APPROVED

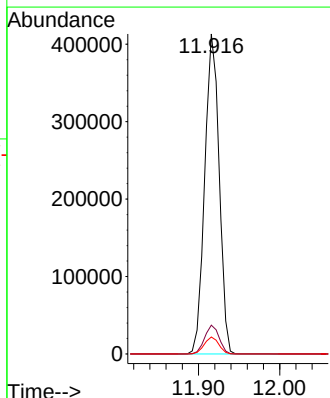
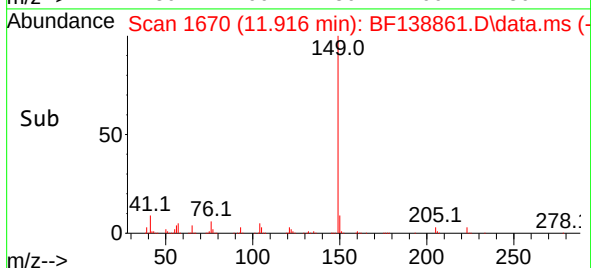
Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024

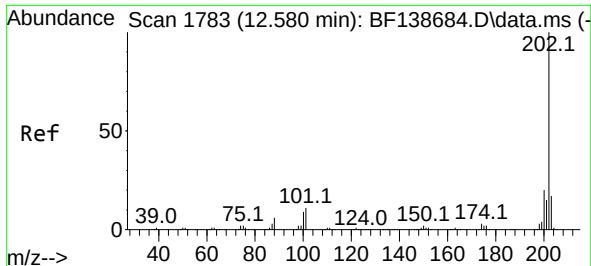


#74
 Di-n-butylphthalate
 Concen: 54.518 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138861.D
 Acq: 08 Aug 2024 12:51



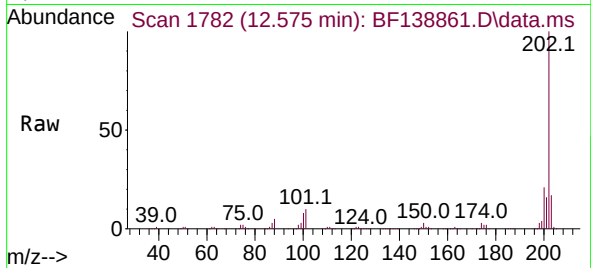
Tgt Ion:149 Resp: 509061
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 48.158 ng
RT: 12.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

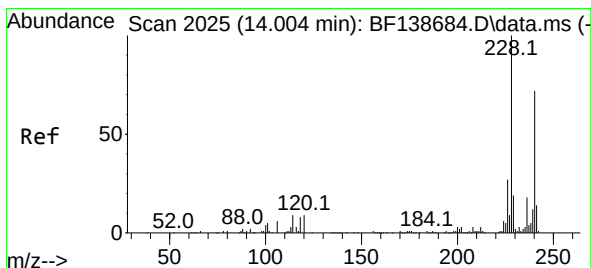
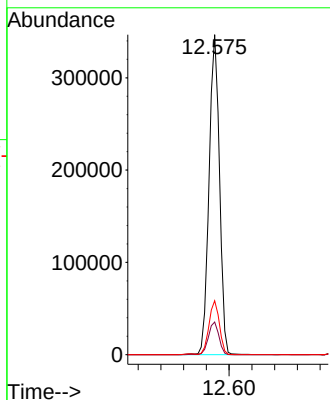
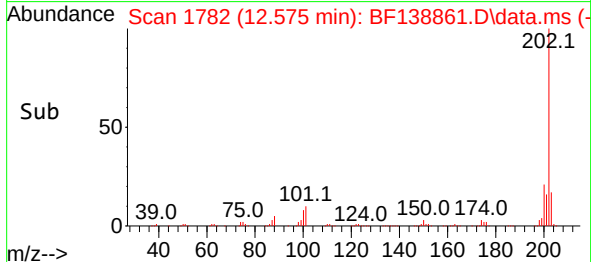
Instrument :
BNA_F
ClientSampleId :
PB162342BS



Tgt Ion:202 Resp: 439360
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 16.8 0.0 37.3

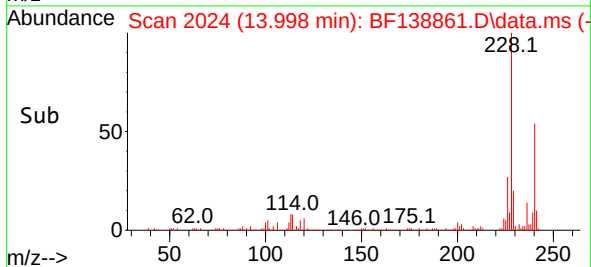
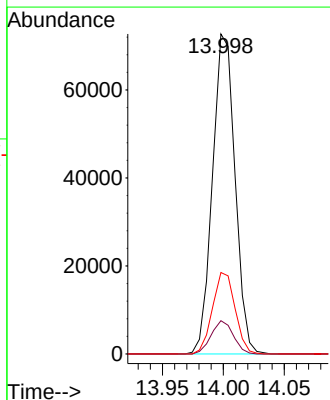
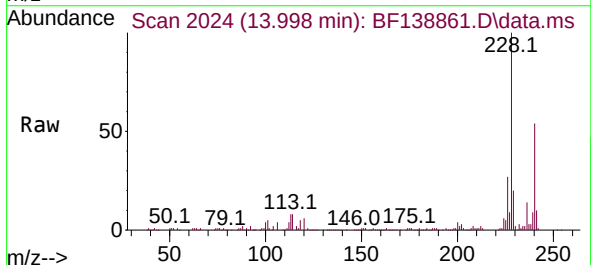
Manual Integrations
APPROVED

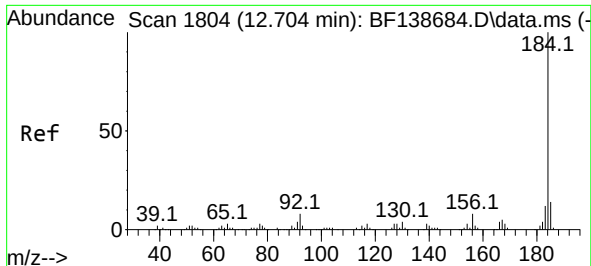
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

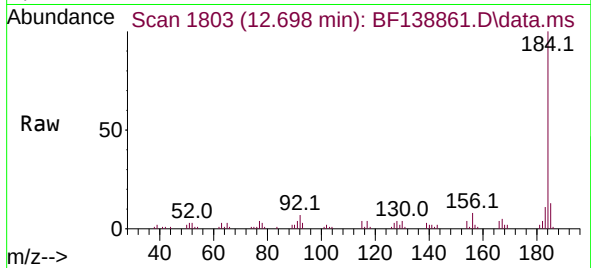
Tgt Ion:240 Resp: 93673
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 25.5 19.8 29.8





#77
Benzidine
Concen: 15.381 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

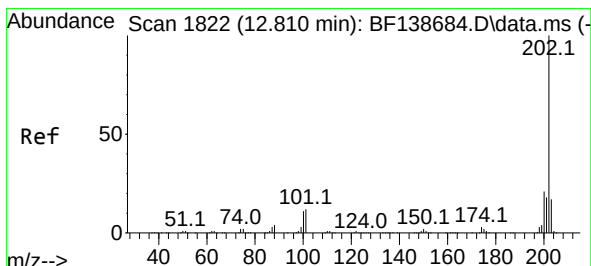
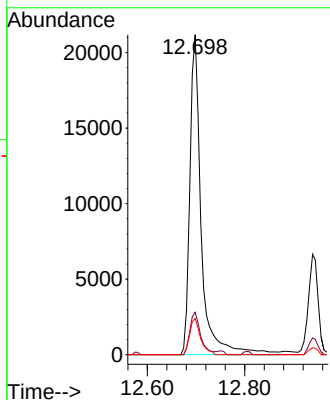
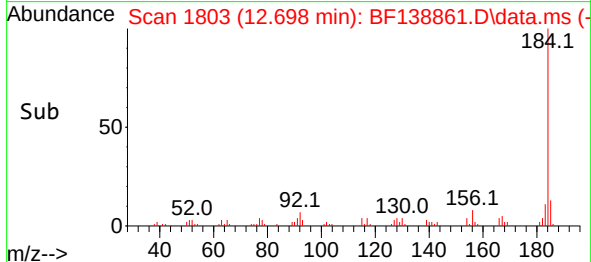
Instrument :
BNA_F
ClientSampleId :
PB162342BS



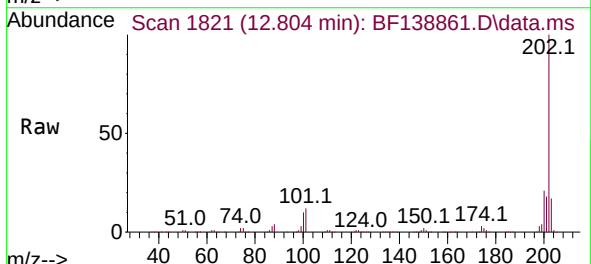
Tgt Ion:184 Resp: 34462
Ion Ratio Lower Upper
184 100
185 13.2 11.1 16.7
183 11.3 9.6 14.4

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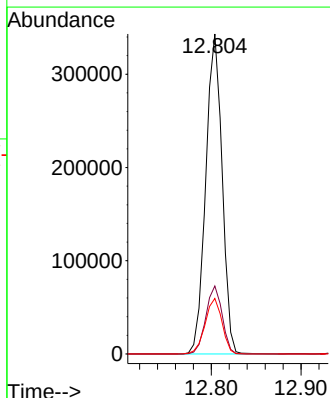
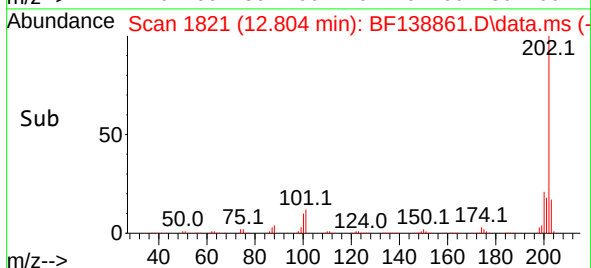
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

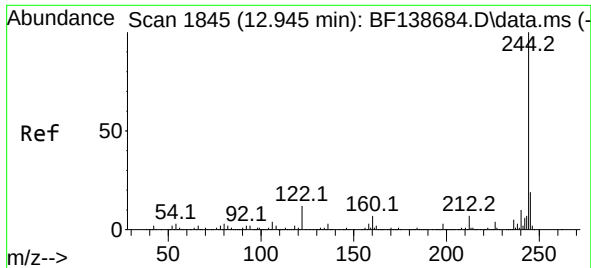


#78
Pyrene
Concen: 49.187 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51



Tgt Ion:202 Resp: 433812
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.3 13.8 20.6





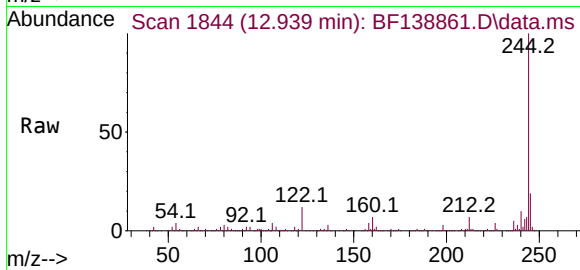
#79
 Terphenyl-d14
 Concen: 112.412 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138861.D
 Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB162342BS

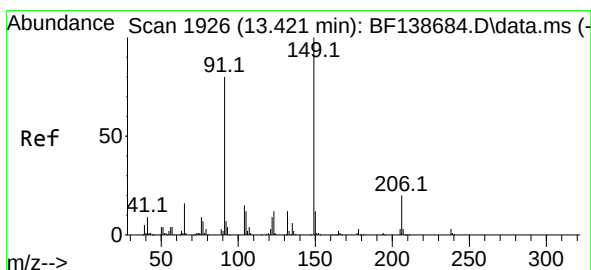
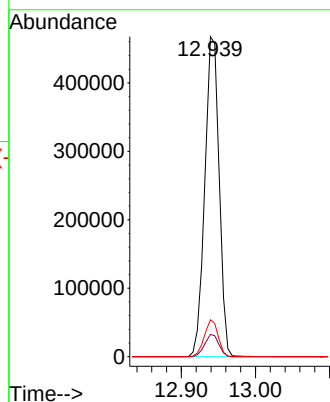
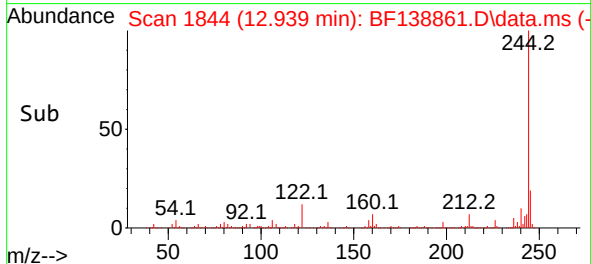


Tgt Ion:244 Resp: 628928
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.6 9.6 14.4

Manual Integrations

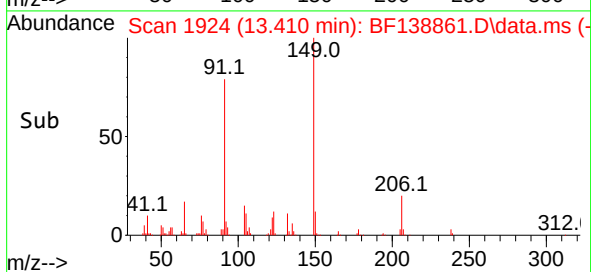
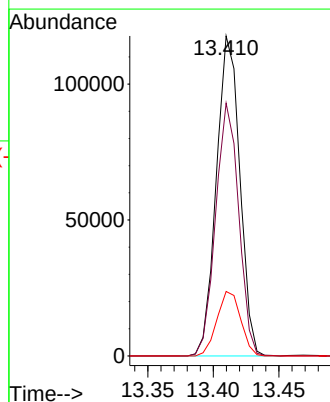
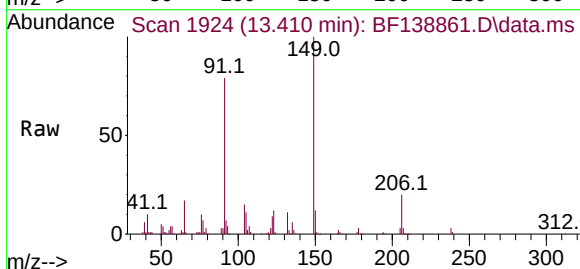
APPROVED

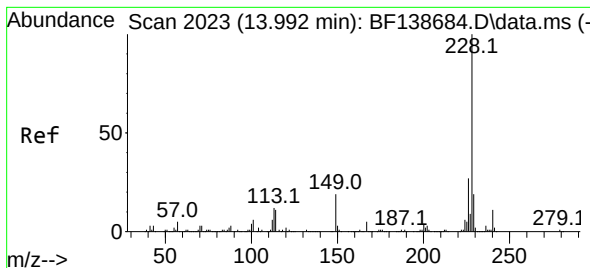
Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024



#80
 Butylbenzylphthalate
 Concen: 51.775 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138861.D
 Acq: 08 Aug 2024 12:51

Tgt Ion:149 Resp: 146227
 Ion Ratio Lower Upper
 149 100
 91 79.0 63.7 95.5
 206 20.2 16.2 24.2





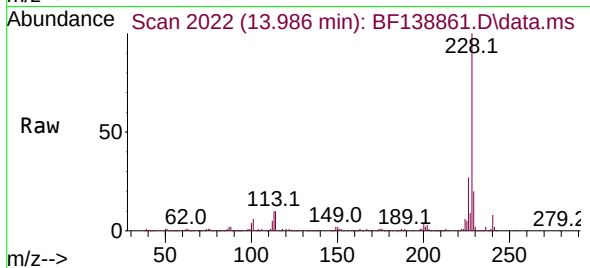
#81
Benzo(a)anthracene
Concen: 47.941 ng
RT: 13.986 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB162342BS

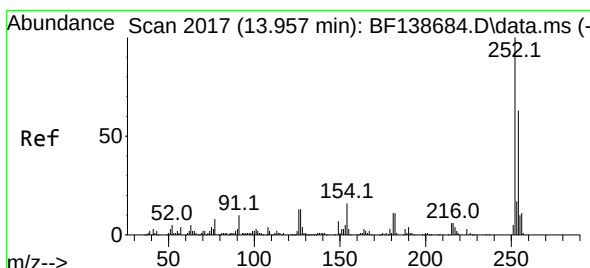
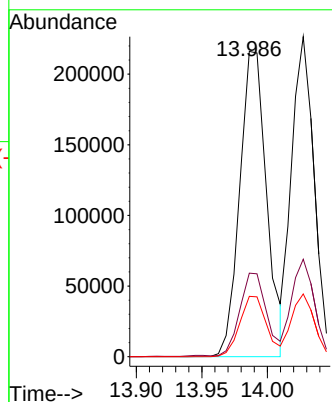
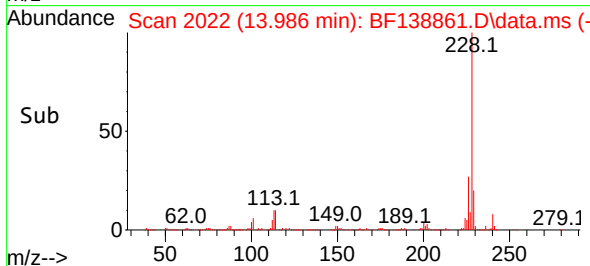


Tgt Ion:228 Resp: 309240
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.8 15.4 23.0

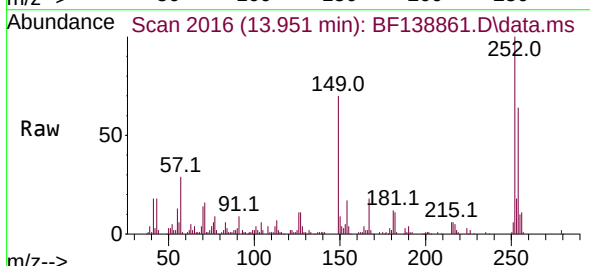
Manual Integrations

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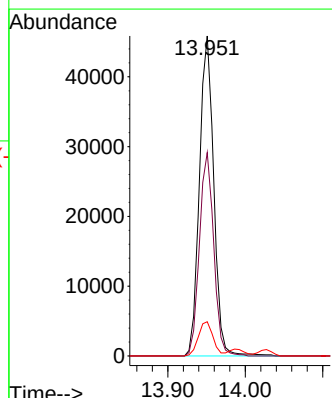
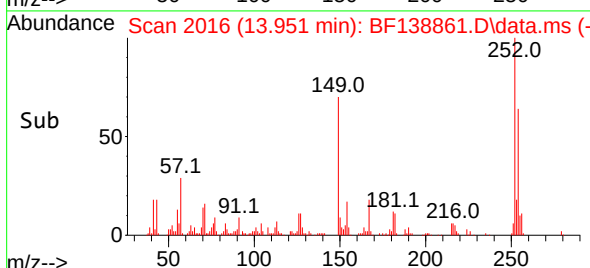
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

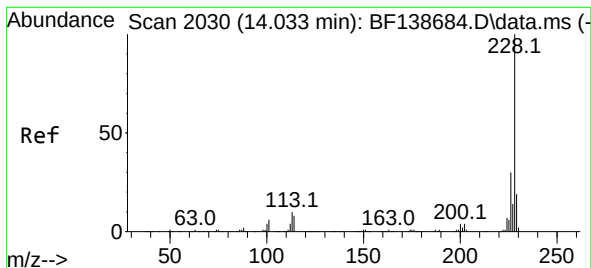


#82
3,3'-Dichlorobenzidine
Concen: 35.666 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51



Tgt Ion:252 Resp: 58875
Ion Ratio Lower Upper
252 100
254 63.6 50.8 76.2
126 10.7 10.2 15.2





#83

Chrysene

Concen: 46.640 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138861.D

Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

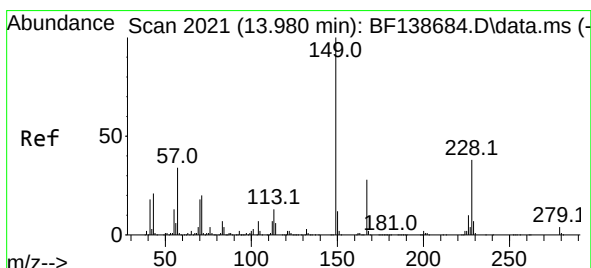
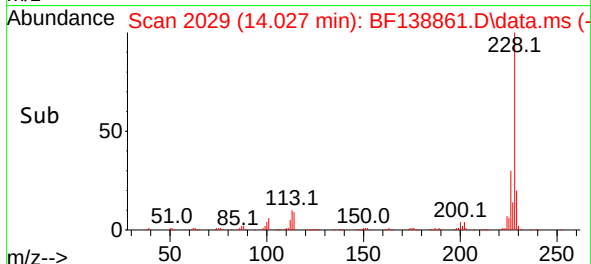
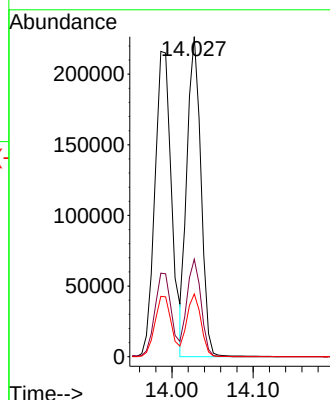
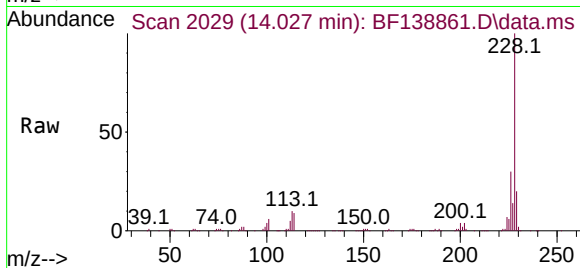
PB162342BS

Tgt Ion:228 Resp: 271424
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.7 35.5
 229 19.6 15.0 22.6

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.631 ng

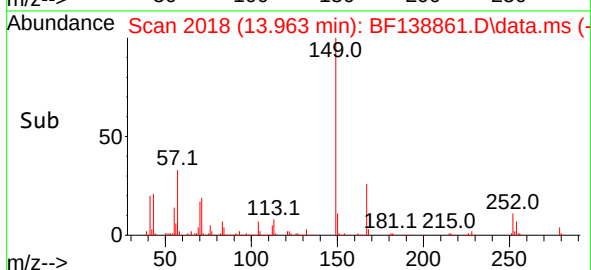
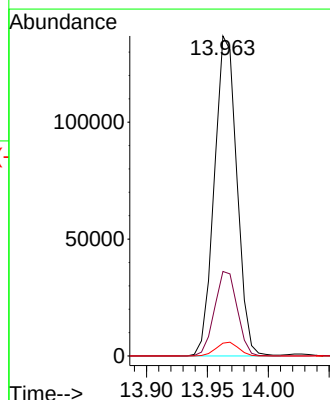
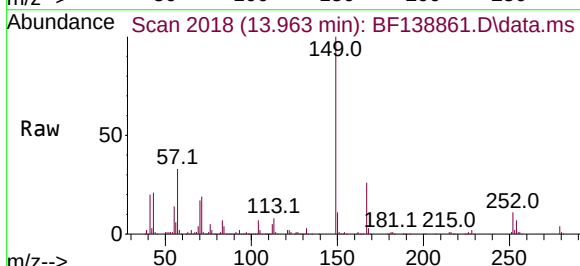
RT: 13.963 min Scan# 2018

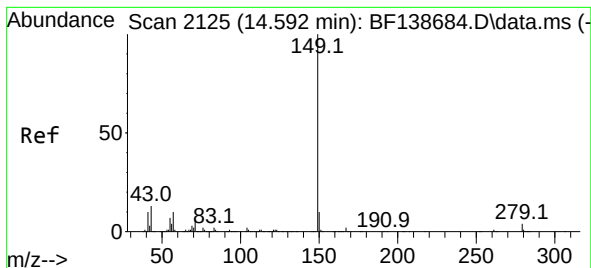
Delta R.T. -0.018 min

Lab File: BF138861.D

Acq: 08 Aug 2024 12:51

Tgt Ion:149 Resp: 176307
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.2 33.4
 279 4.0 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 36.629 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF138861.D

Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB162342BS

Tgt Ion:149 Resp: 28027

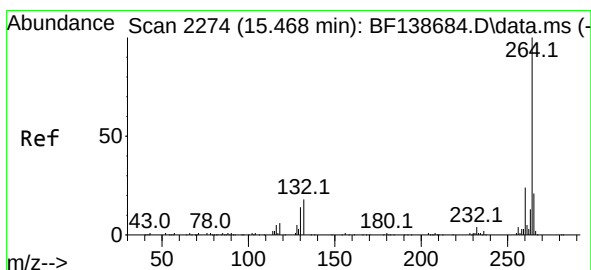
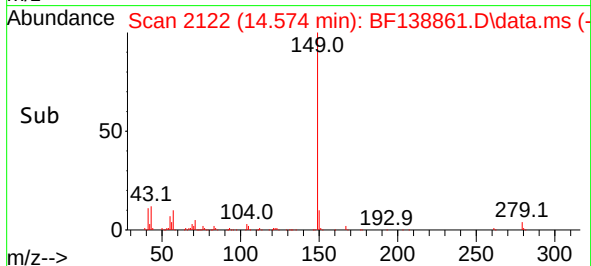
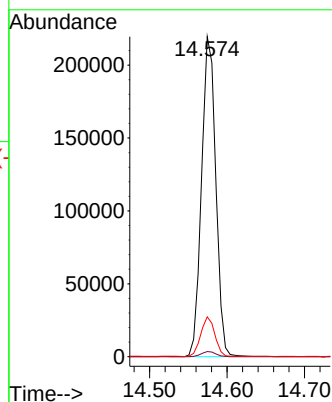
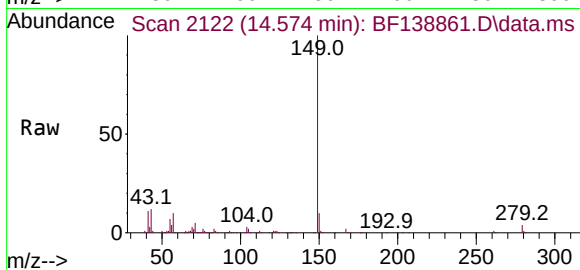
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	12.2	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

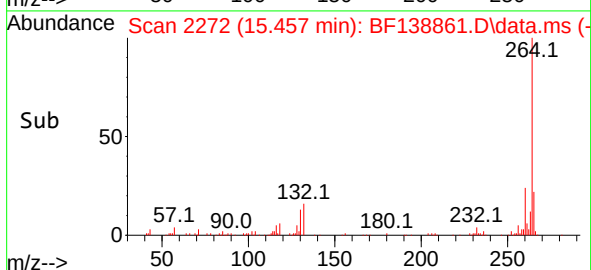
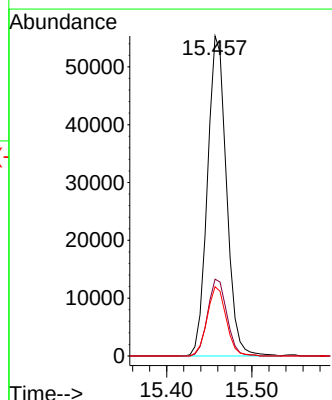
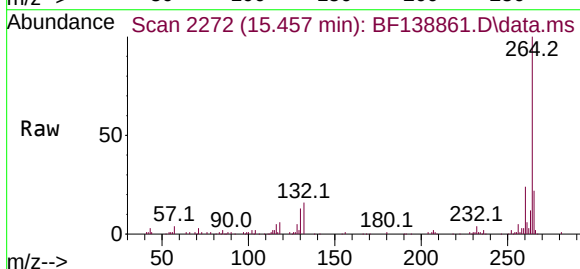
Delta R.T. -0.012 min

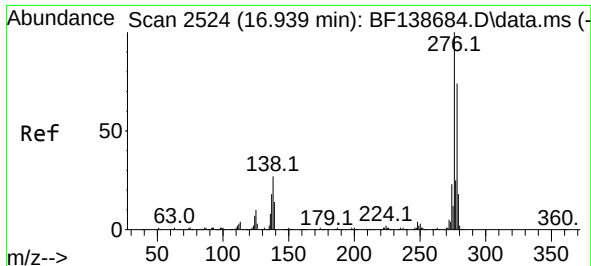
Lab File: BF138861.D

Acq: 08 Aug 2024 12:51

Tgt Ion:264 Resp: 85672

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.6	17.0	25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.953 ng
RT: 16.939 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

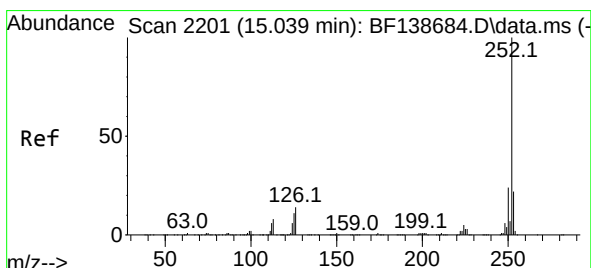
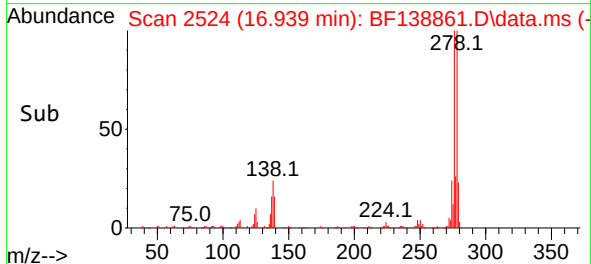
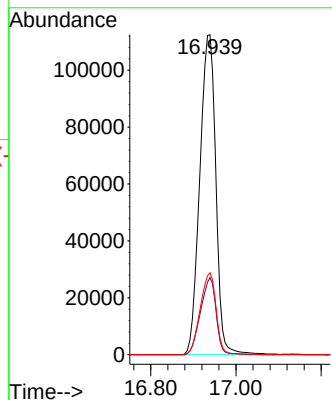
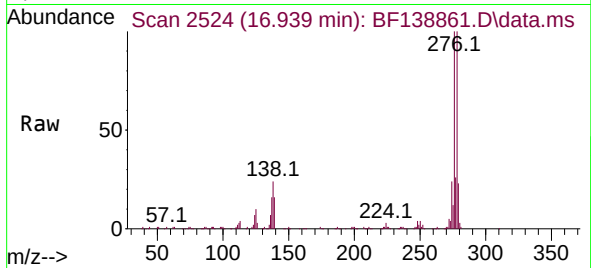
ClientSampleId :

PB162342BS

Tgt Ion:276 Resp: 29441
Ion Ratio Lower Upper
276 100
138 23.2 21.8 32.8
277 25.4 20.6 30.8

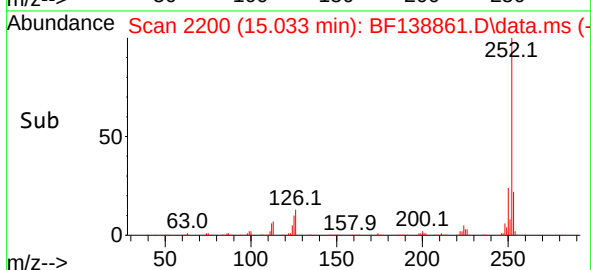
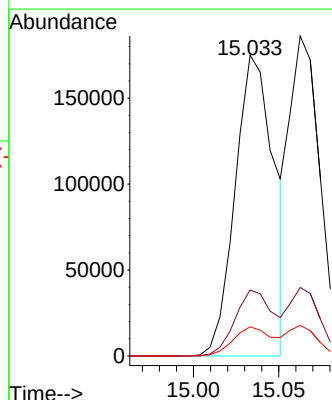
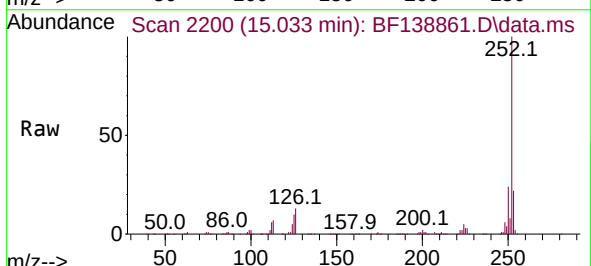
Manual Integrations
APPROVED

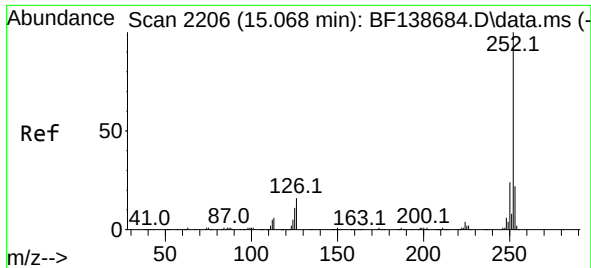
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#88
Benzo(b)fluoranthene
Concen: 52.270 ng
RT: 15.033 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

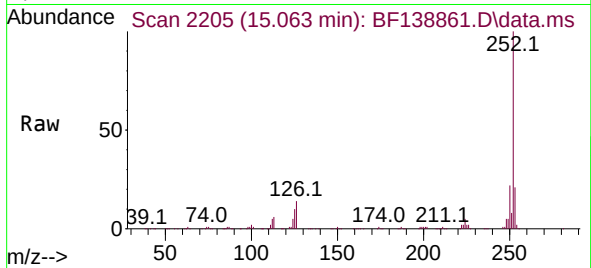
Tgt Ion:252 Resp: 277596
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.7 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 50.965 ng
RT: 15.063 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

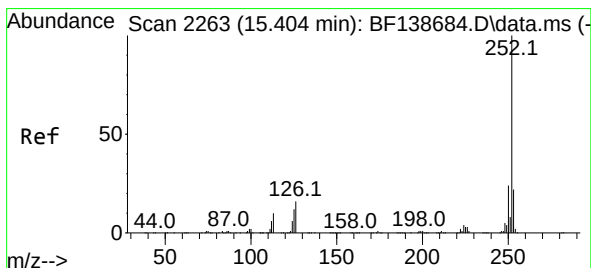
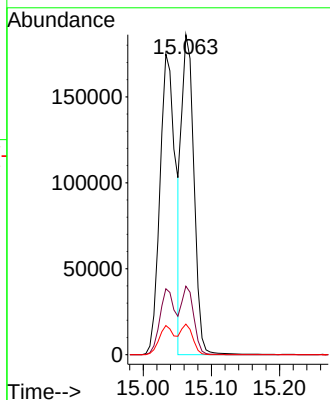
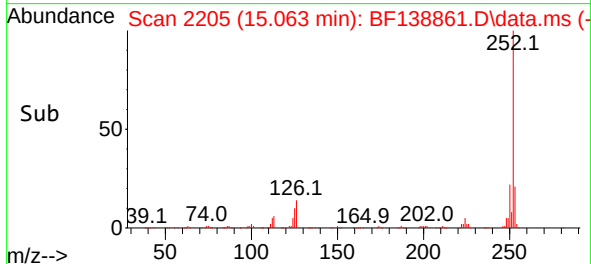
Instrument :
BNA_F
ClientSampleId :
PB162342BS



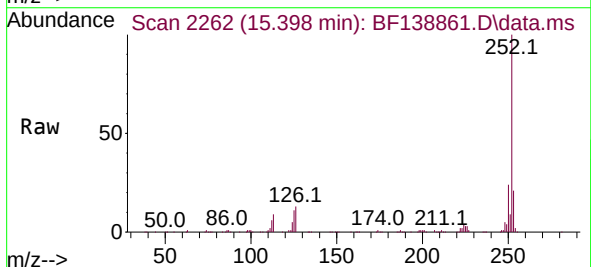
Tgt Ion:252 Resp: 234340
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 9.6 8.6 13.0

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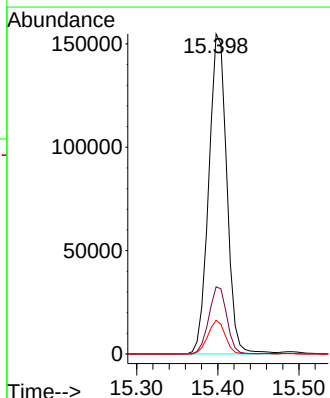
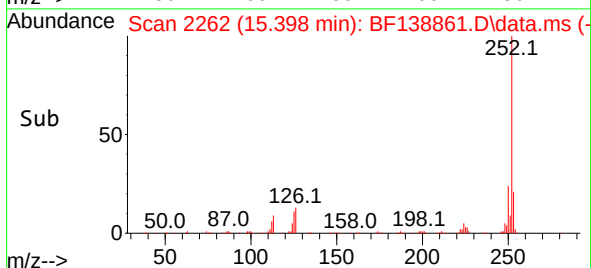
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

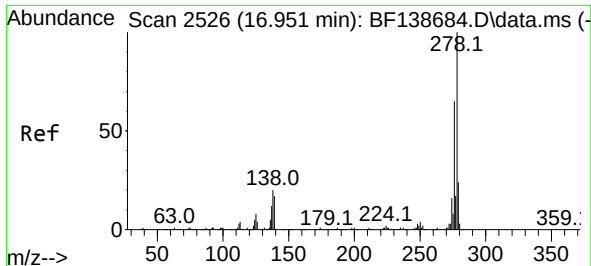


#90
Benzo(a)pyrene
Concen: 53.467 ng
RT: 15.398 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51



Tgt Ion:252 Resp: 238848
Ion Ratio Lower Upper
252 100
253 21.0 17.3 25.9
125 10.5 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 47.615 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Instrument :

BNA_F

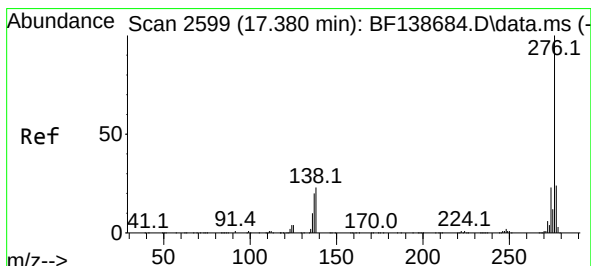
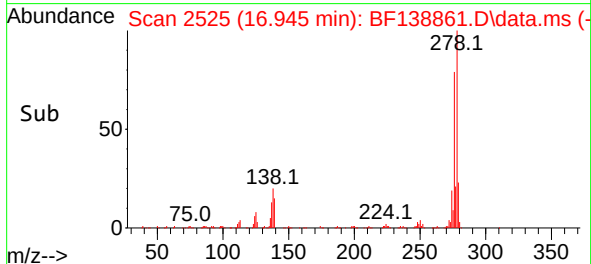
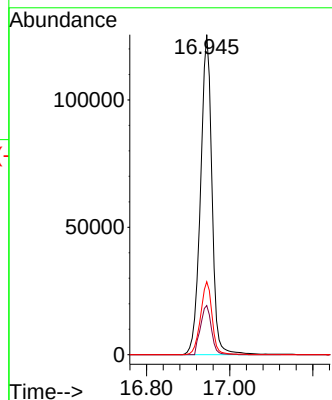
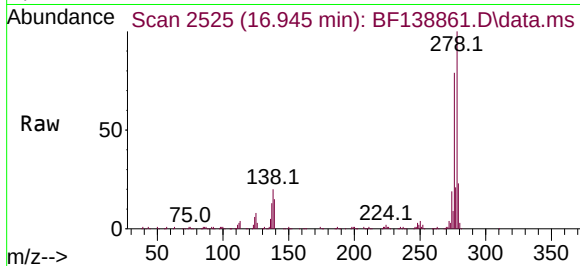
ClientSampleId :

PB162342BS

Tgt Ion:278 Resp: 239969
Ion Ratio Lower Upper
278 100
139 15.3 14.0 21.0
279 22.8 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 42.206 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.006 min
Lab File: BF138861.D
Acq: 08 Aug 2024 12:51

Tgt Ion:276 Resp: 220730
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 20.8 18.5 27.7

