

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138501.D
 Acq On : 10 Jul 2024 15:00
 Operator : CG\JU
 Sample : PB161962BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161962BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 15:26:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	123926	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	510666	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	283647	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	506108	20.000	ng	0.00
76) Chrysene-d12	14.027	240	246148	20.000	ng	0.00
86) Perylene-d12	15.486	264	225166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	978389	125.037	ng	0.01
7) Phenol-d6	6.510	99	1294411	124.351	ng	0.00
23) Nitrobenzene-d5	7.434	82	865678	83.230	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	341526	128.831	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1480161	81.557	ng	0.00
79) Terphenyl-d14	12.974	244	1533323	101.482	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	115775	33.407	ng	99
3) Pyridine	3.481	79	284525	33.292	ng	98
4) n-Nitrosodimethylamine	3.440	42	247502	44.487	ng	97
6) Aniline	6.534	93	261112	26.781	ng	96
8) 2-Chlorophenol	6.657	128	390606	47.209	ng	99
9) Benzaldehyde	6.416	77	106791	19.167	ng	95
10) Phenol	6.528	94	484805	43.878	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	391663	47.082	ng	99
12) 1,3-Dichlorobenzene	6.810	146	386250	41.531	ng	98
13) 1,4-Dichlorobenzene	6.887	146	393170	41.630	ng	100
14) 1,2-Dichlorobenzene	7.034	146	383979	43.653	ng	99
15) Benzyl Alcohol	7.016	79	369437	47.291	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	728801	44.550	ng	96
17) 2-Methylphenol	7.128	107	304283	44.873	ng	# 92
18) Hexachloroethane	7.375	117	150589	43.373	ng	94
19) n-Nitroso-di-n-propyla...	7.287	70	290736	45.202	ng	98
20) 3+4-Methylphenols	7.281	107	375601	43.986	ng	# 89
22) Acetophenone	7.281	105	529106	42.661	ng	# 94
24) Nitrobenzene	7.451	77	445836	42.180	ng	98
25) Isophorone	7.692	82	805341	45.087	ng	98
26) 2-Nitrophenol	7.769	139	213729	47.179	ng	98
27) 2,4-Dimethylphenol	7.804	122	270658	48.611	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	469778	44.008	ng	98
29) 2,4-Dichlorophenol	8.010	162	319588	44.201	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	352652	41.868	ng	99
31) Naphthalene	8.175	128	1118593	42.118	ng	99
32) Benzoic acid	7.951	122	249195	46.925	ng	91
33) 4-Chloroaniline	8.222	127	207791	22.298	ng	97
34) Hexachlorobutadiene	8.287	225	211930	40.860	ng	99
35) Caprolactam	8.604	113	106164m	45.502	ng	
36) 4-Chloro-3-methylphenol	8.710	107	360332	44.515	ng	99
37) 2-Methylnaphthalene	8.863	142	722331	42.263	ng	100
38) 1-Methylnaphthalene	8.963	142	669894	40.161	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	343648	43.470	ng	99
41) Hexachlorocyclopentadiene	9.010	237	313556	122.199	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	226195	44.856	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	239449	43.172	ng	# 91
46) 1,1'-Biphenyl	9.328	154	912817	42.464	ng	99
47) 2-Chloronaphthalene	9.351	162	691660	42.592	ng	98
48) 2-Nitroaniline	9.451	65	263773	46.873	ng	94
49) Acenaphthylene	9.769	152	1074024	46.583	ng	100
50) Dimethylphthalate	9.634	163	837182	45.645	ng	100
51) 2,6-Dinitrotoluene	9.692	165	186306	44.117	ng	# 84
52) Acenaphthene	9.939	154	655947	42.800	ng	100
53) 3-Nitroaniline	9.863	138	128377	29.660	ng	100
54) 2,4-Dinitrophenol	9.975	184	217511	95.038	ng	92
55) Dibenzofuran	10.110	168	974291	43.829	ng	99
56) 4-Nitrophenol	10.039	139	294907	92.341	ng	97
57) 2,4-Dinitrotoluene	10.098	165	246673	45.145	ng	96
58) Fluorene	10.457	166	752980	42.809	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	206623	47.204	ng	99
60) Diethylphthalate	10.328	149	800604	45.279	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	371920	42.109	ng	96
62) 4-Nitroaniline	10.486	138	184476	42.533	ng	98
63) Azobenzene	10.604	77	844786	44.439	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	150674	51.560	ng	98
66) n-Nitrosodiphenylamine	10.569	169	661042	43.595	ng	97
67) 4-Bromophenyl-phenylether	10.933	248	228207	43.870	ng	99
68) Hexachlorobenzene	10.998	284	250827	43.404	ng	98
69) Atrazine	11.092	200	201606	40.102	ng	97
70) Pentachlorophenol	11.198	266	300775	87.959	ng	97
71) Phenanthrene	11.416	178	1121710	43.870	ng	99
72) Anthracene	11.469	178	1156364	45.560	ng	99
73) Carbazole	11.622	167	996295	43.679	ng	100
74) Di-n-butylphthalate	11.945	149	1196160	45.495	ng	99
75) Fluoranthene	12.604	202	1127626	43.220	ng	99
77) Benzidine	12.722	184	57772	9.303	ng	99
78) Pyrene	12.833	202	1136809	45.495	ng	99
80) Butylbenzylphthalate	13.445	149	397768	52.918	ng	97
81) Benzo(a)anthracene	14.016	228	756770	45.819	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	166921	39.221	ng	# 95
83) Chrysene	14.051	228	703324	45.014	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	430592	53.712	ng	98
85) Di-n-octyl phthalate	14.610	149	600253	47.397	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	782934	51.766	ng	100
88) Benzo(b)fluoranthene	15.063	252	605757	47.770	ng	99
89) Benzo(k)fluoranthene	15.092	252	576993	46.655	ng	99
90) Benzo(a)pyrene	15.427	252	567774	50.970	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	635721	51.384	ng	99
92) Benzo(g,h,i)perylene	17.415	276	625654	47.690	ng	97

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

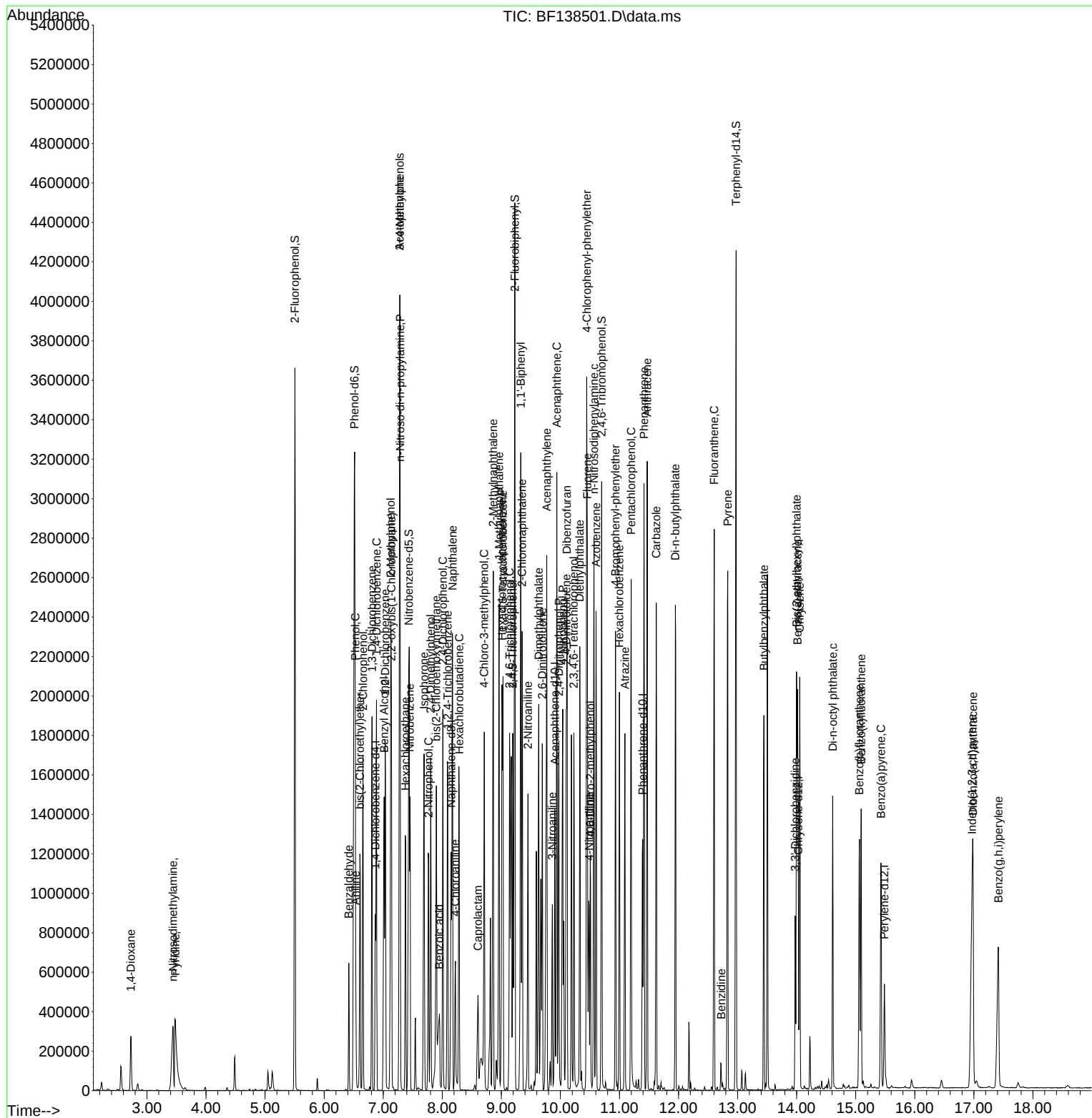
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
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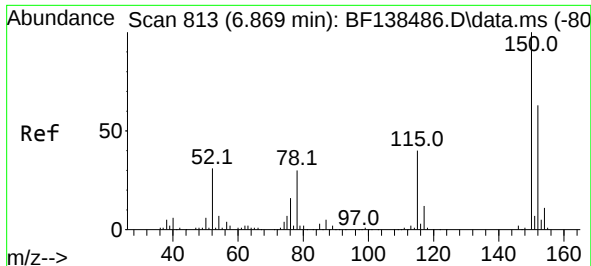
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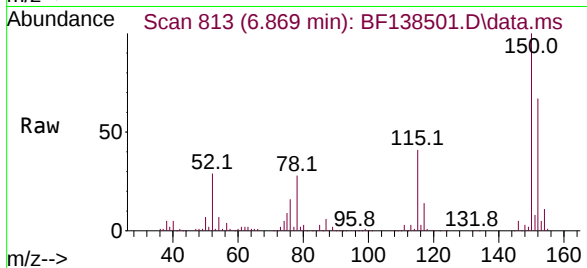
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS



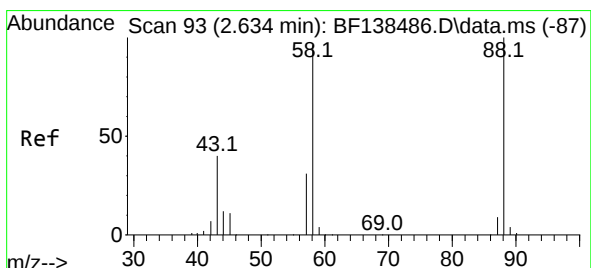
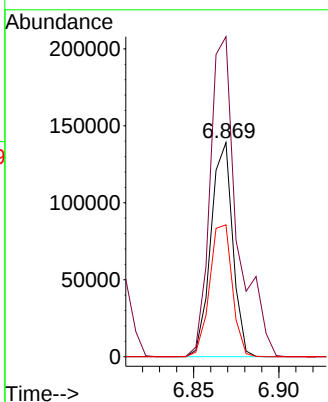
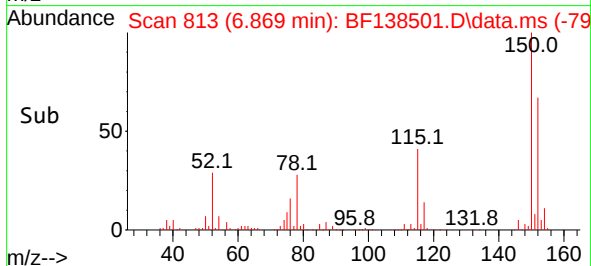
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Ion Ratio Lower Upper
152 100
150 149.4 126.2 189.4
115 61.6 50.3 75.5

Manual Integrations

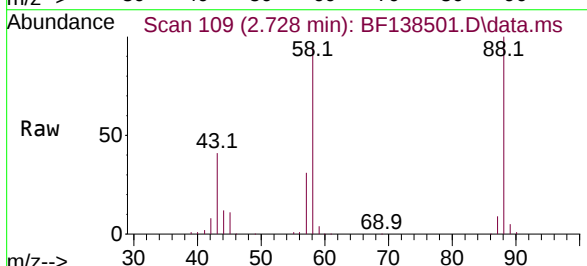
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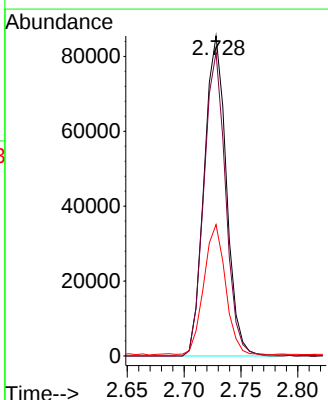
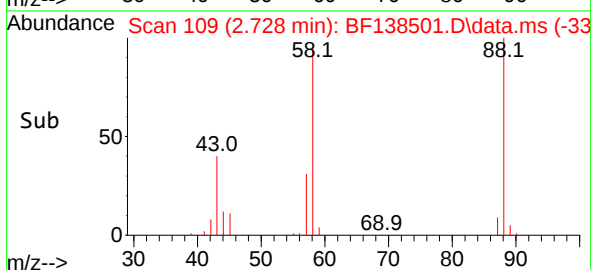
Supervised By :mohammad ahmed 07/11/2024

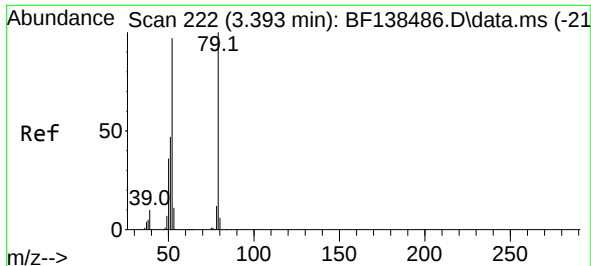


#2
1,4-Dioxane
Concen: 33.407 ng
RT: 2.728 min Scan# 109
Delta R.T. 0.094 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



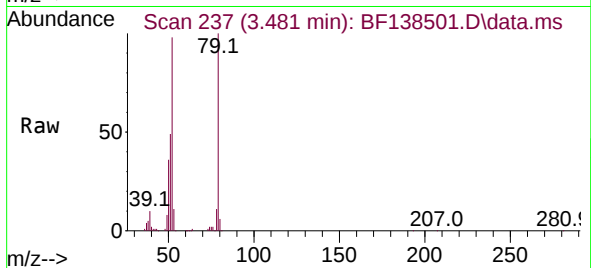
Tgt Ion: 88 Resp: 115775
Ion Ratio Lower Upper
88 100
58 93.0 74.6 112.0
43 40.6 31.8 47.6





#3
Pyridine
Concen: 33.292 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

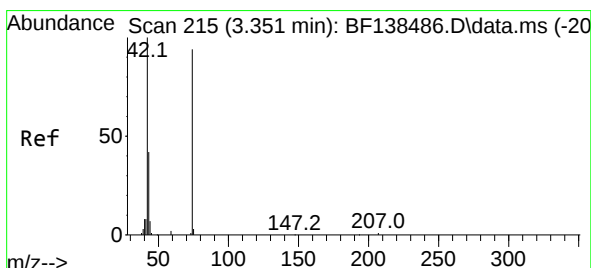
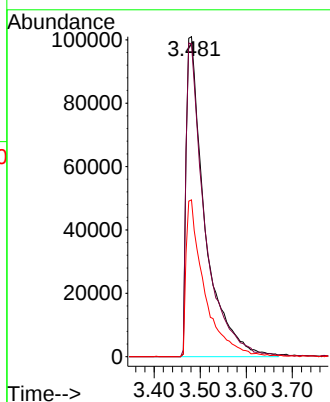
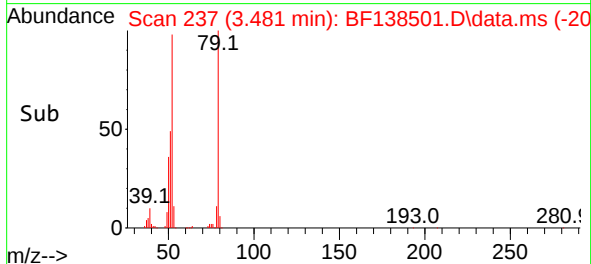
Instrument :
BNA_F
ClientSampleId :
PB161962BS



Tgt Ion: 79 Resp: 28452
Ion Ratio Lower Upper
79 100
52 97.8 77.4 116.2
51 49.0 37.4 56.0

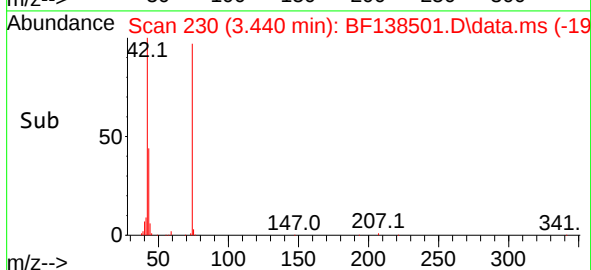
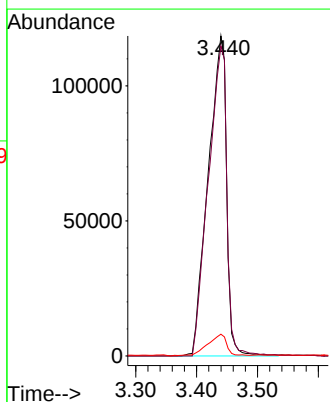
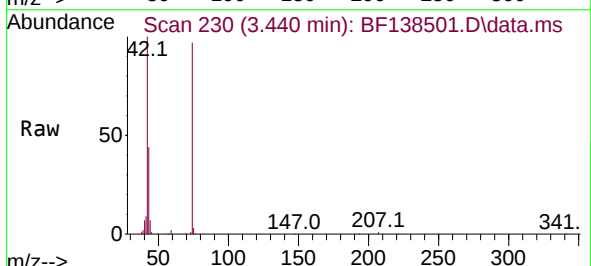
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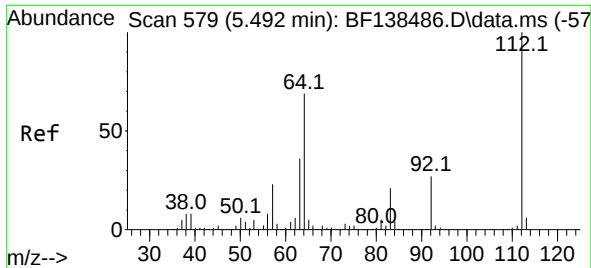
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#4
n-Nitrosodimethylamine
Concen: 44.487 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.088 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion: 42 Resp: 247502
Ion Ratio Lower Upper
42 100
74 96.8 75.0 112.6
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 125.037 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

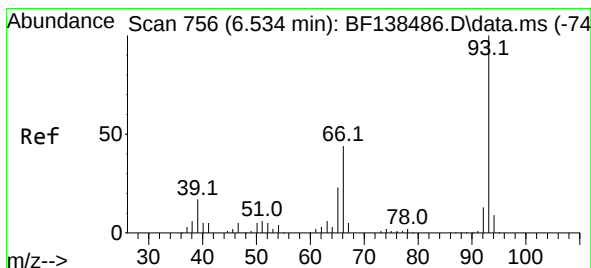
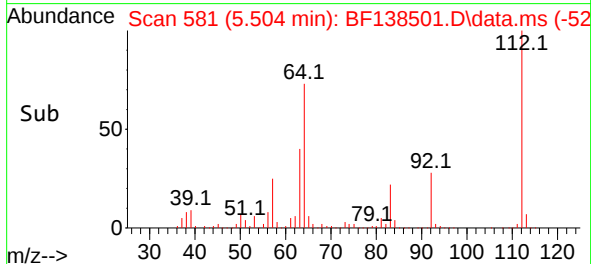
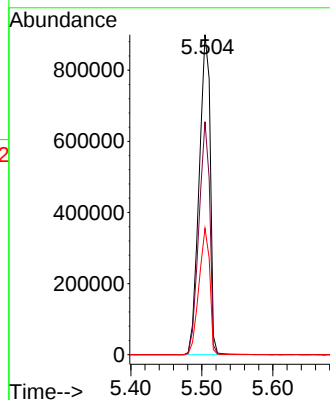
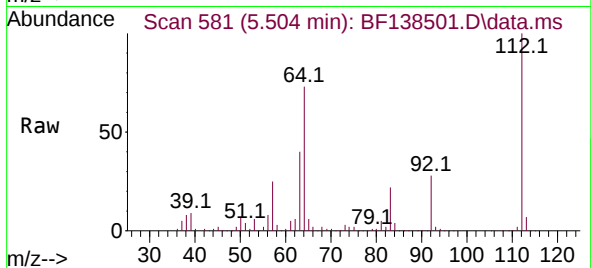
PB161962BS

Tgt Ion:112 Resp: 978389
Ion Ratio Lower Upper
112 100
64 72.8 55.1 82.7
63 39.5 29.0 43.6

Manual Integrations

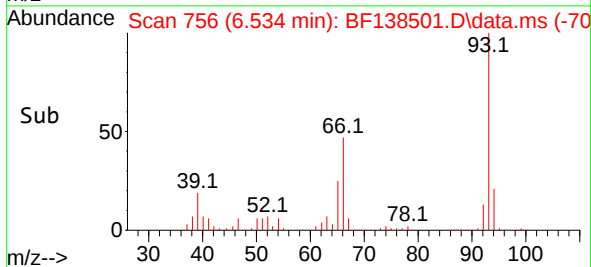
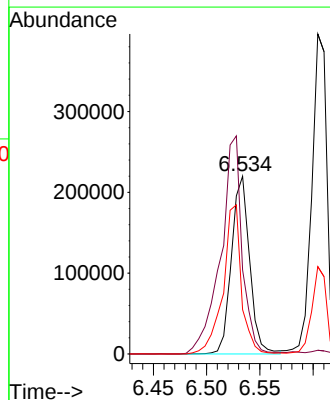
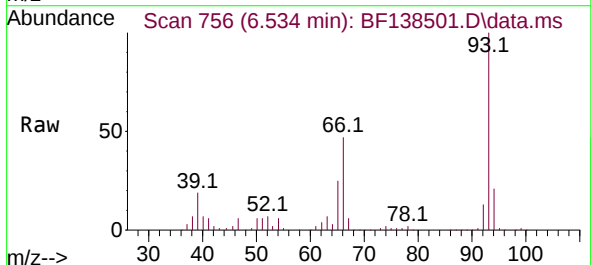
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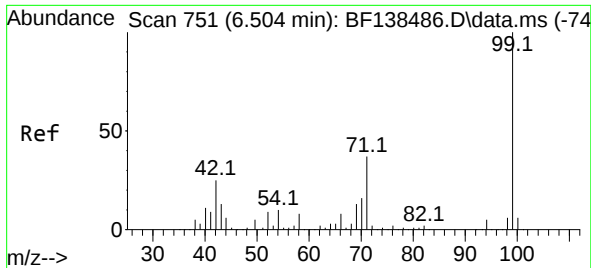
Reviewed By :Yogesh Patel 07/11/2024
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#6
Aniline
Concen: 26.781 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

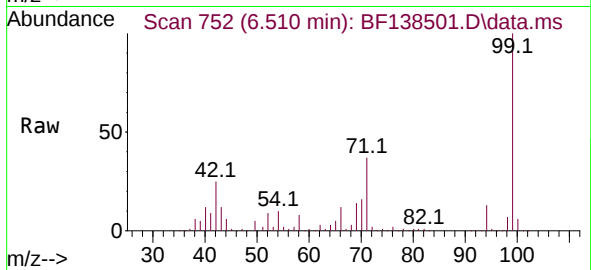
Tgt Ion: 93 Resp: 261112
Ion Ratio Lower Upper
93 100
66 47.3 35.4 53.0
65 24.9 18.6 27.8





#7
Phenol-d6
Concen: 124.351 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

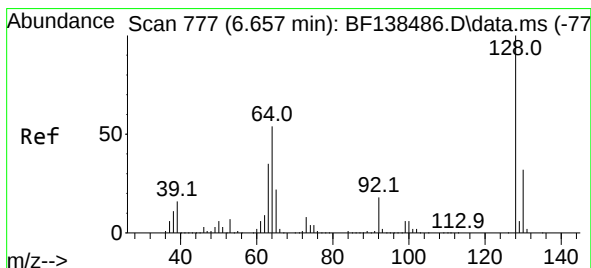
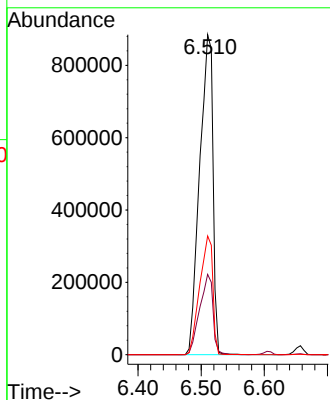
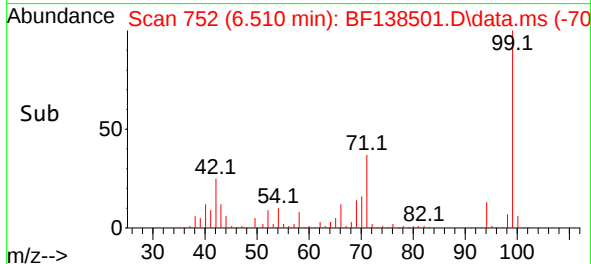
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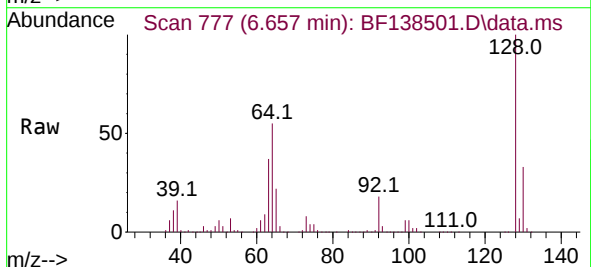
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Ion Ratio Lower Upper
99 100
42 25.1 19.7 29.5
71 37.1 29.9 44.9

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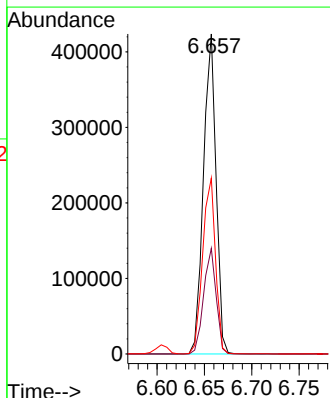
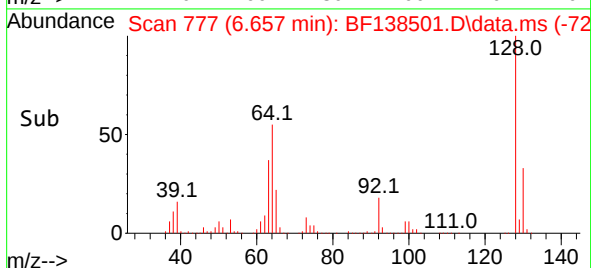
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#8
2-Chlorophenol
Concen: 47.209 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



Tgt Ion:128 Resp: 390606
Ion Ratio Lower Upper
128 100
130 33.0 12.1 52.1
64 54.9 34.4 74.4





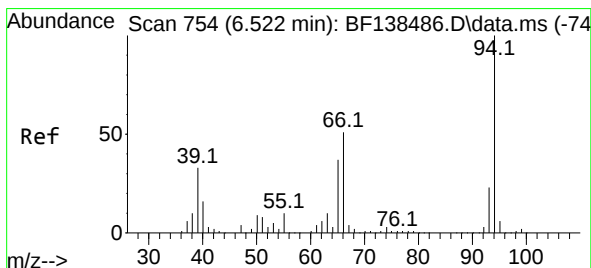
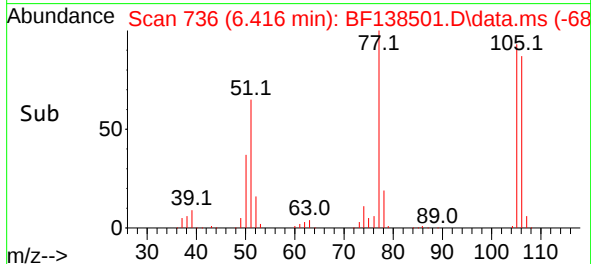
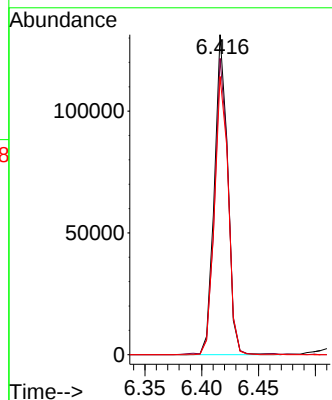
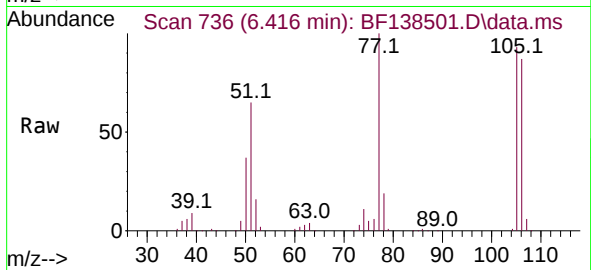
#9
Benzaldehyde
Concen: 19.167 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138501.D
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Tgt Ion: 77 Resp: 10679
Ion Ratio Lower Upper
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105 92.6 75.1 115.1
106 86.9 73.2 113.2

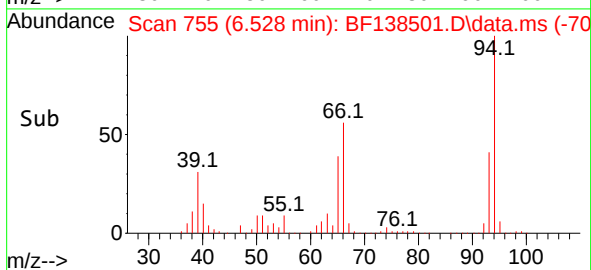
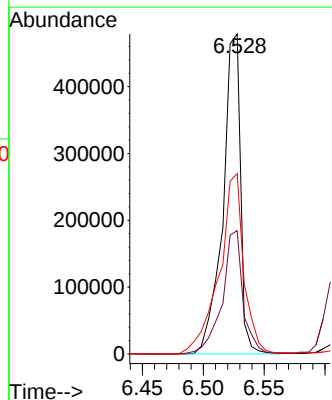
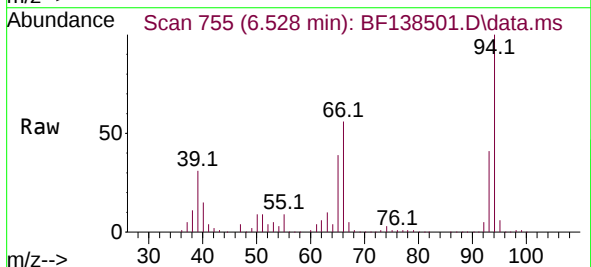
Manual Integrations
APPROVED

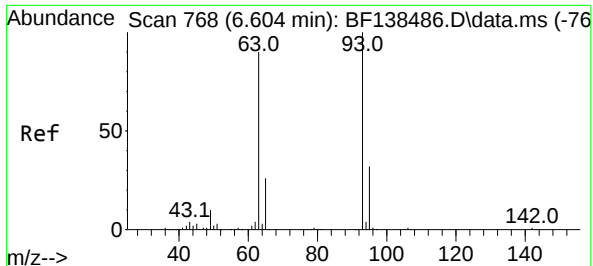
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#10
Phenol
Concen: 43.878 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion: 94 Resp: 484805
Ion Ratio Lower Upper
94 100
65 38.5 16.7 56.7
66 56.4 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 47.082 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF138501.D

Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS

Tgt Ion: 93 Resp: 39166

Ion Ratio Lower Upper

93 100

63 89.7 68.8 108.8

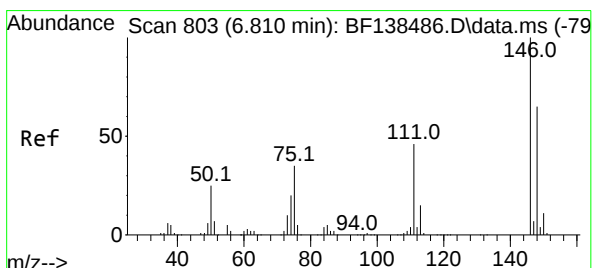
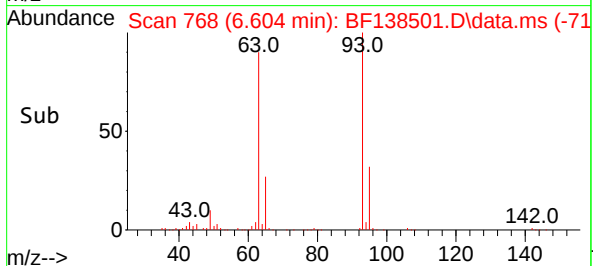
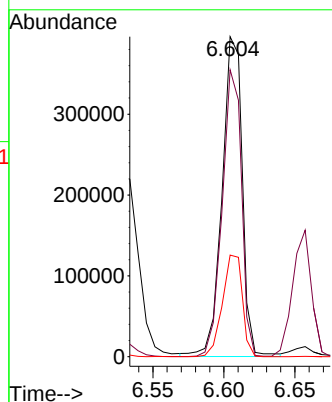
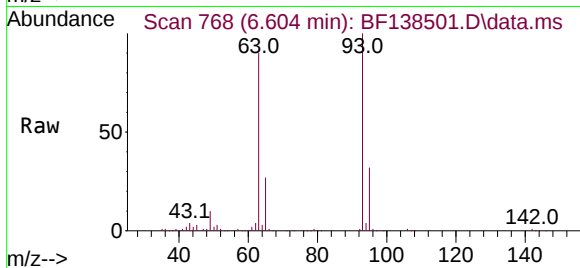
95 31.8 11.8 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#12

1,3-Dichlorobenzene

Concen: 41.531 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF138501.D

Acq: 10 Jul 2024 15:00

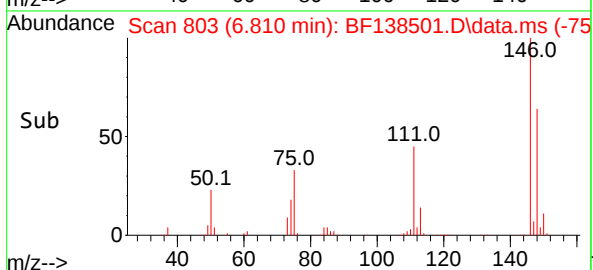
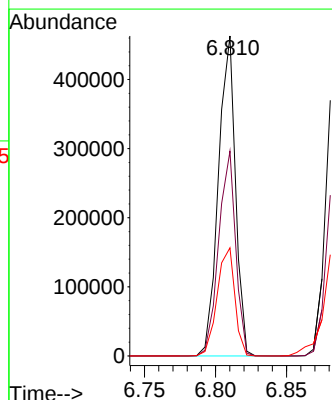
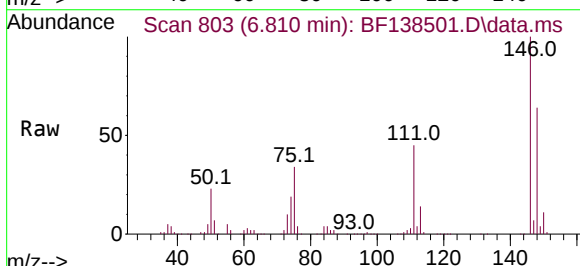
Tgt Ion:146 Resp: 386250

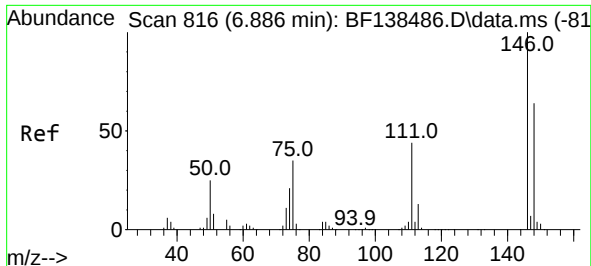
Ion Ratio Lower Upper

146 100

148 64.0 52.4 78.6

75 33.8 27.8 41.8





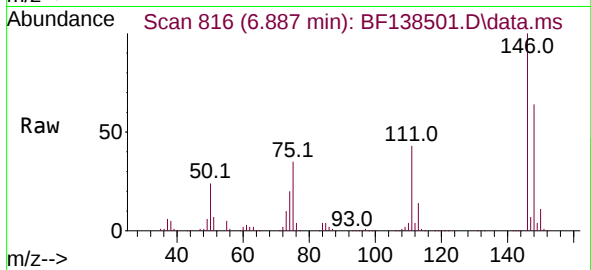
#13
1,4-Dichlorobenzene
Concen: 41.630 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS

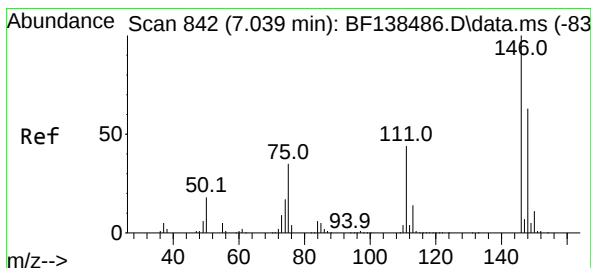
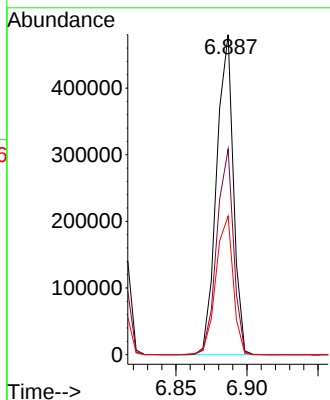
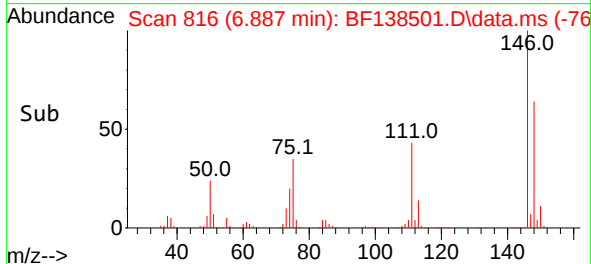


Tgt Ion:146 Resp: 393170
Ion Ratio Lower Upper
146 100
148 64.2 51.6 77.4
111 43.3 34.9 52.3

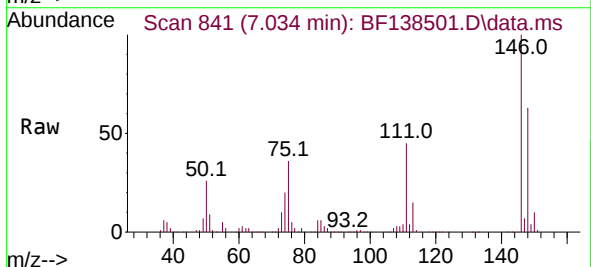
Manual Integrations

APPROVED

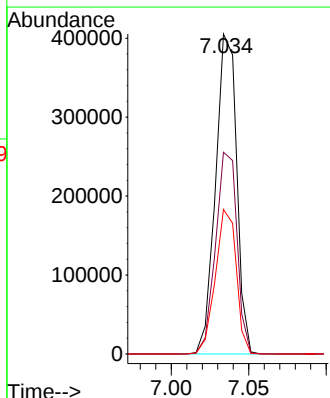
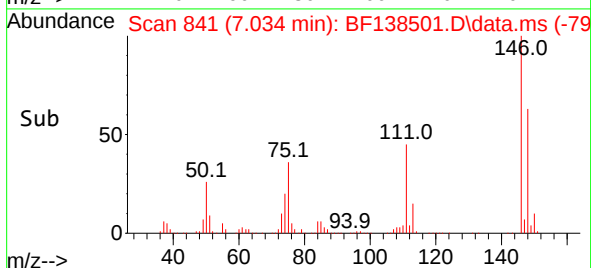
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

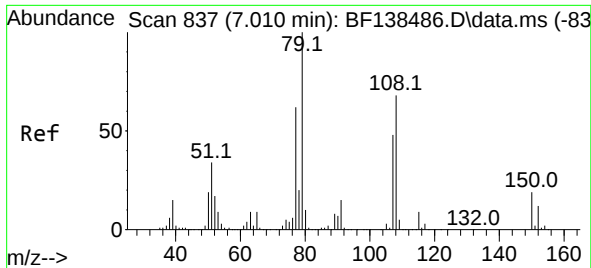


#14
1,2-Dichlorobenzene
Concen: 43.653 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



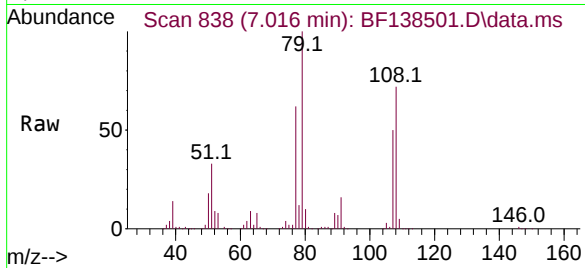
Tgt Ion:146 Resp: 383979
Ion Ratio Lower Upper
146 100
148 63.1 50.1 75.1
111 45.2 35.5 53.3





#15
Benzyl Alcohol
Concen: 47.291 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

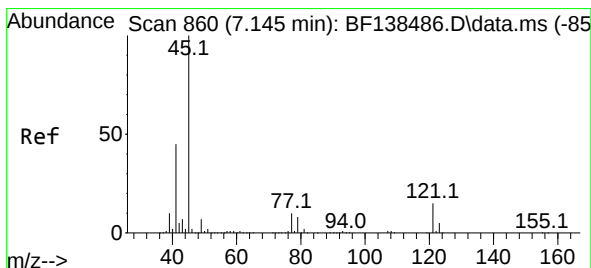
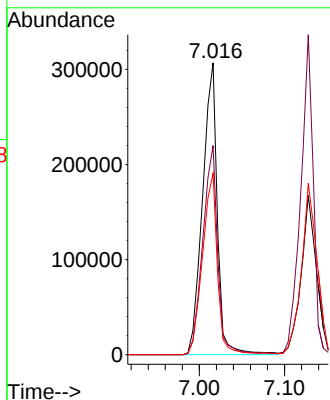
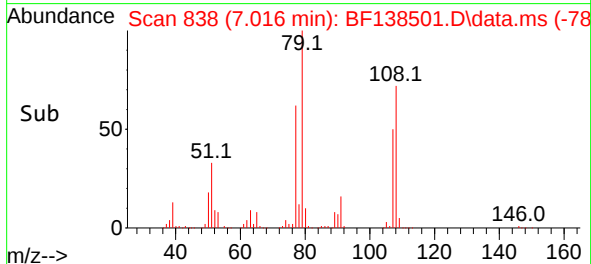
Instrument :
BNA_F
ClientSampleId :
PB161962BS



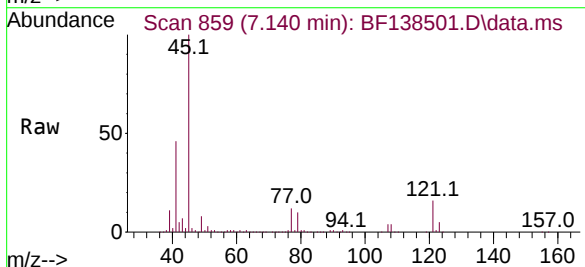
Tgt Ion: 79 Resp: 36943
Ion Ratio Lower Upper
79 100
108 71.7 54.3 81.5
77 62.2 50.0 75.0

Manual Integrations
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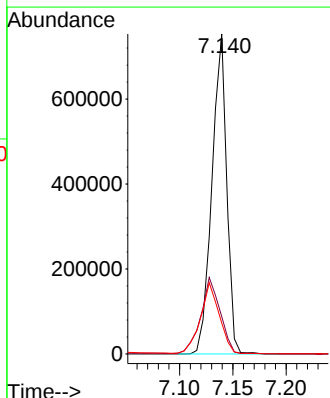
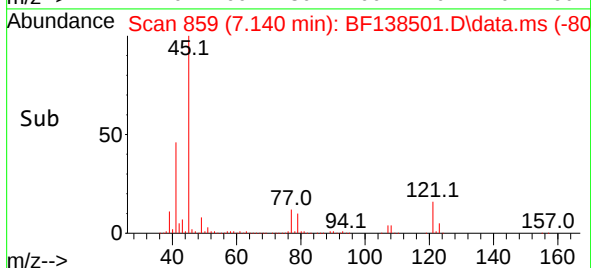
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

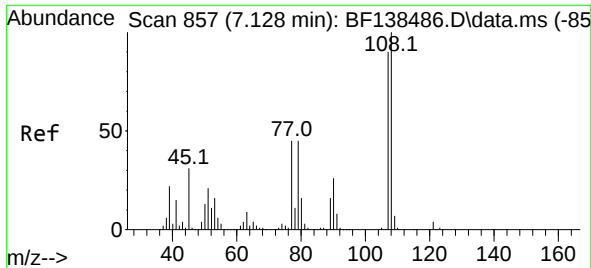


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.550 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



Tgt Ion: 45 Resp: 728801
Ion Ratio Lower Upper
45 100
77 11.7 0.0 30.4
79 9.7 0.0 28.1





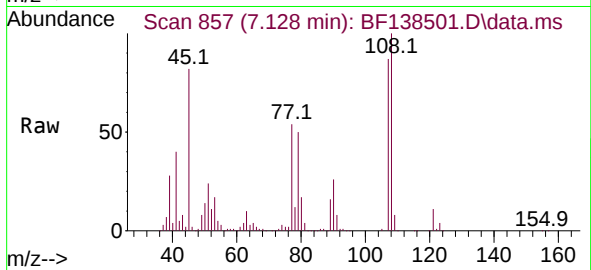
#17
2-Methylphenol
Concen: 44.873 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS



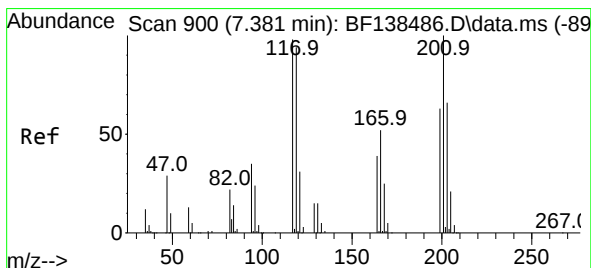
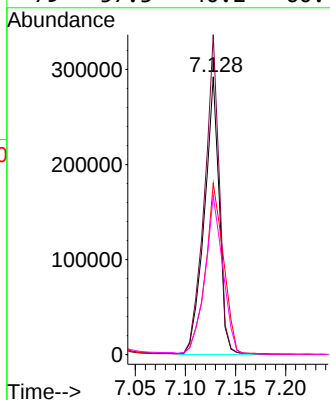
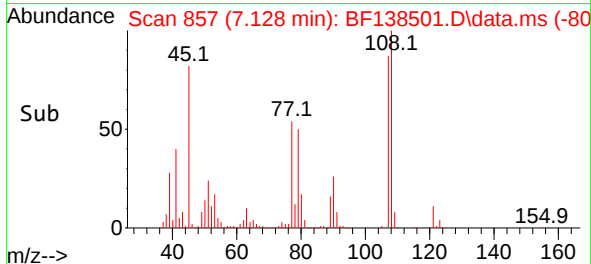
Tgt Ion:107 Resp: 30428
Ion Ratio Lower Upper
107 100
108 115.2 89.0 133.4
77 61.6 40.3 60.5
79 57.3 40.2 60.4

Manual Integrations

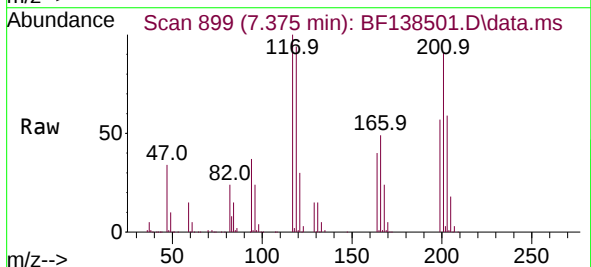
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

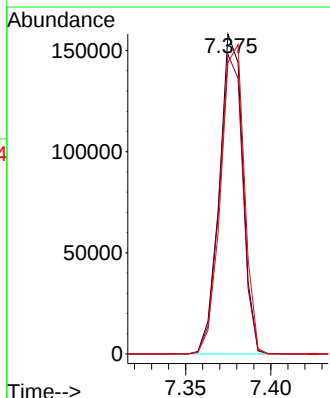
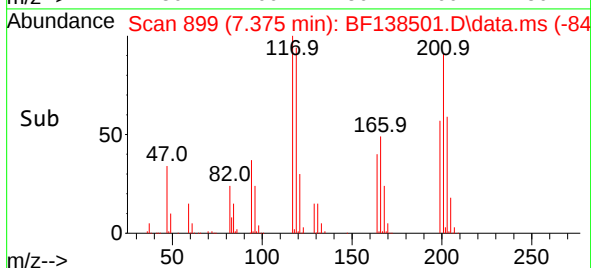
Supervised By :mohammad ahmed 07/11/2024

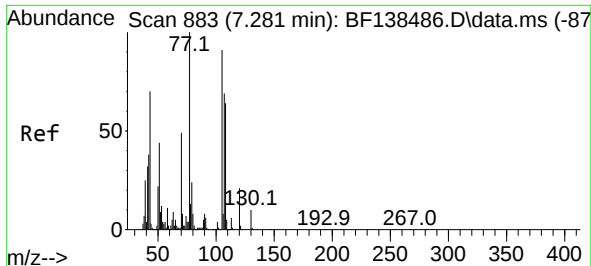


#18
Hexachloroethane
Concen: 43.373 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



Tgt Ion:117 Resp: 150589
Ion Ratio Lower Upper
117 100
119 93.5 76.6 114.8
201 91.1 81.4 122.0





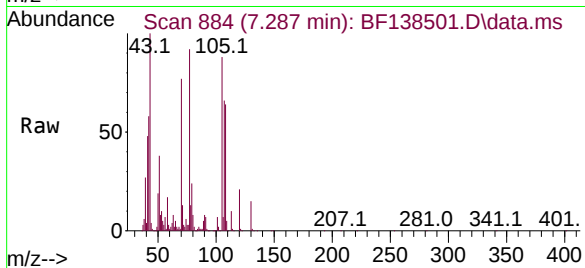
#19
n-Nitroso-di-n-propylamine
Concen: 45.202 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS



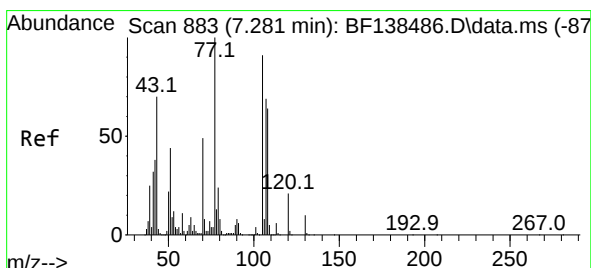
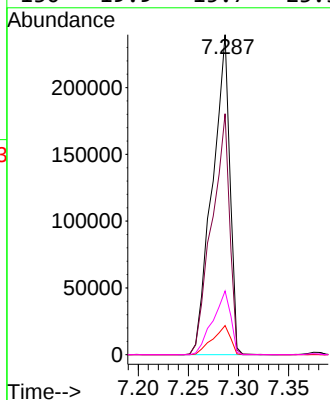
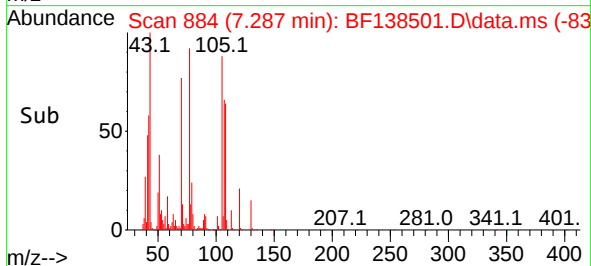
Tgt Ion: 70 Resp: 290730
Ion Ratio Lower Upper
70 100
42 75.3 62.4 93.6
101 9.1 7.2 10.8
130 19.9 15.7 23.5

Manual Integrations

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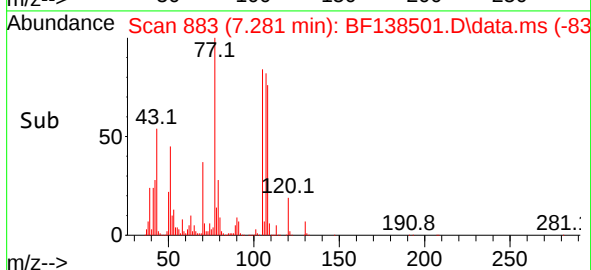
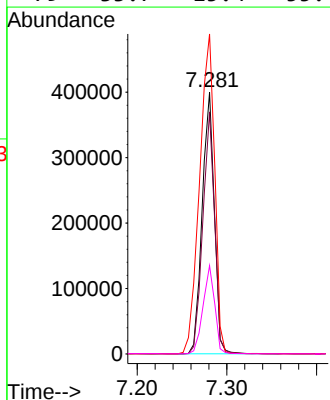
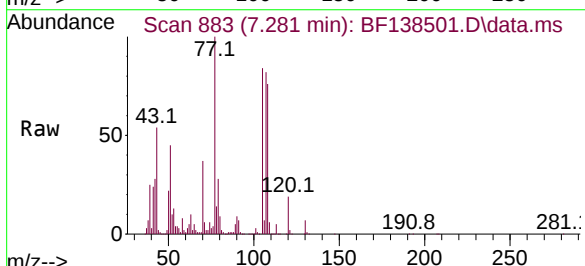
Reviewed By :Yogesh Patel 07/11/2024

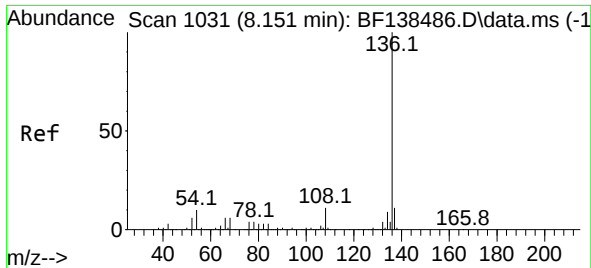
Supervised By :mohammad ahmed 07/11/2024



#20
3+4-Methylphenols
Concen: 43.986 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion:107 Resp: 375601
Ion Ratio Lower Upper
107 100
108 92.5 73.7 113.7
77 122.3 126.0 166.0#
79 33.7 15.4 55.4





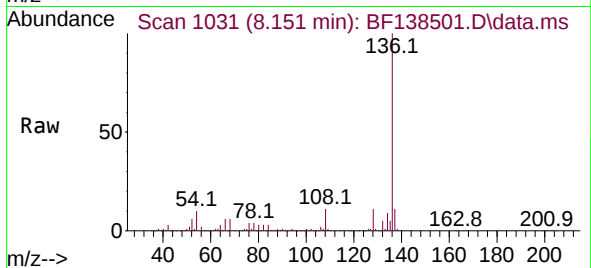
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS

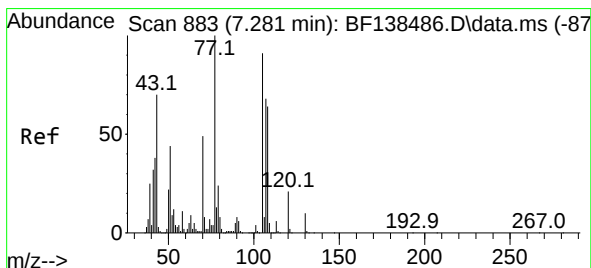
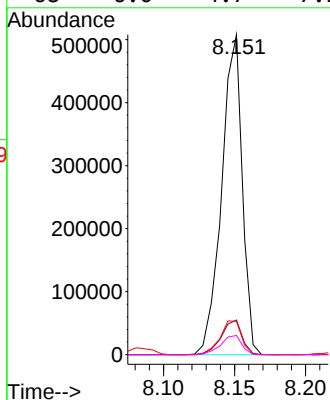
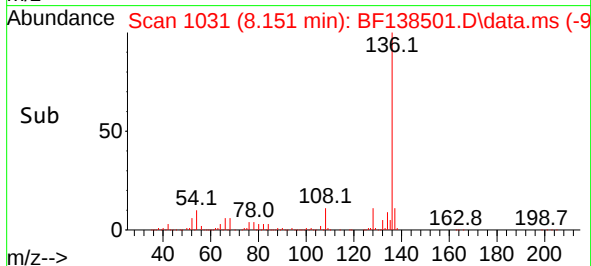


Tgt Ion:136 Resp: 510660
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.4 8.1 12.1
68 6.0 4.7 7.1

Manual Integrations

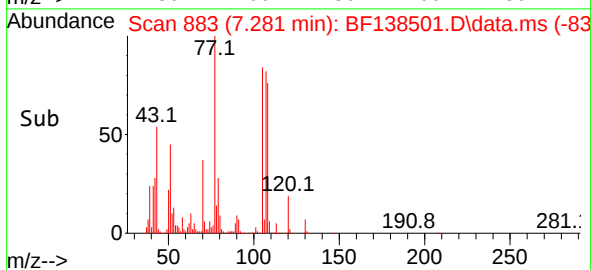
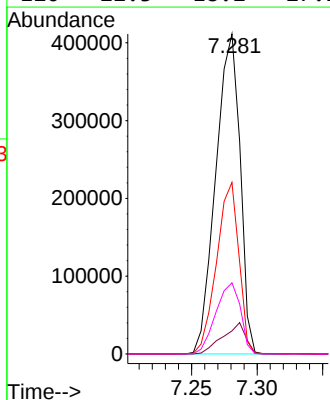
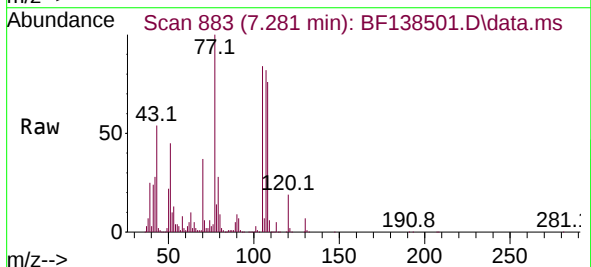
APPROVED

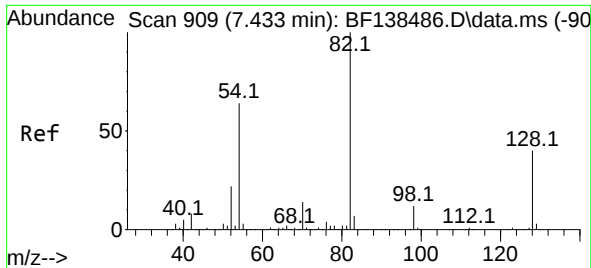
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#22
Acetophenone
Concen: 42.661 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion:105 Resp: 529106
Ion Ratio Lower Upper
105 100
71 7.2 7.4 11.2#
51 53.6 38.7 58.1
120 22.3 18.2 27.2





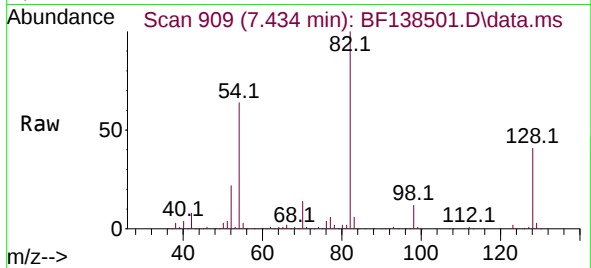
#23
Nitrobenzene-d5
Concen: 83.230 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS

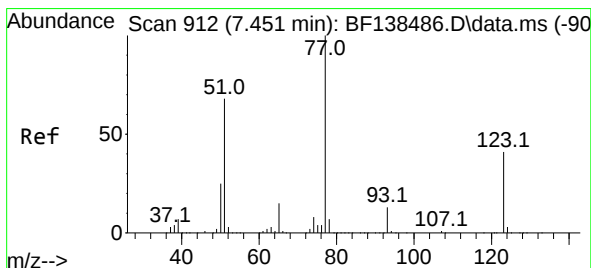
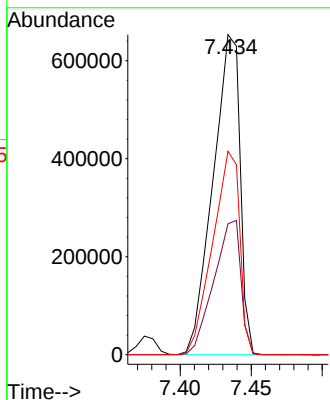
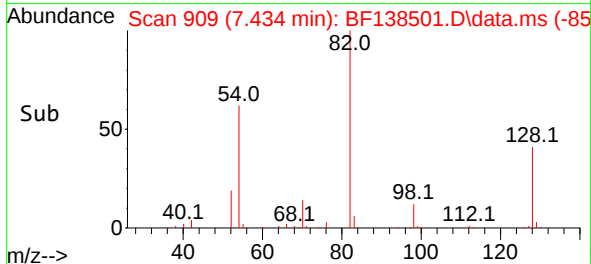


Tgt Ion: 82 Resp: 865678
Ion Ratio Lower Upper
82 100
128 40.9 32.3 48.5
54 63.5 51.4 77.0

Manual Integrations

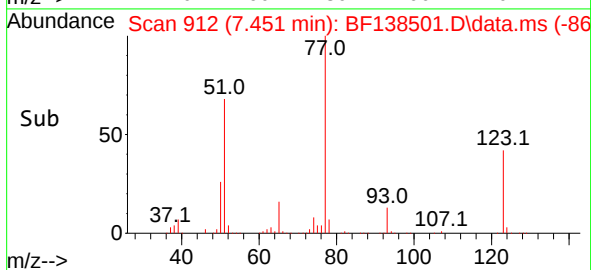
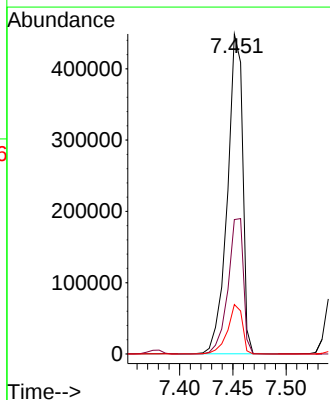
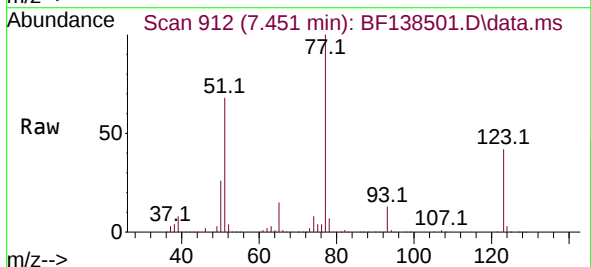
APPROVED

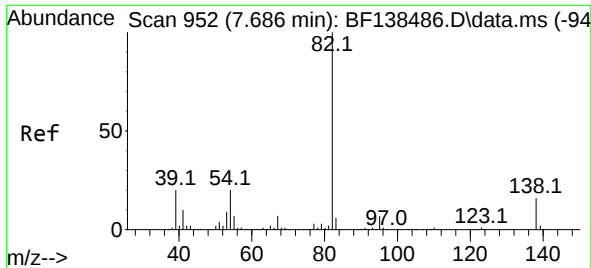
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#24
Nitrobenzene
Concen: 42.180 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion: 77 Resp: 445836
Ion Ratio Lower Upper
77 100
123 42.0 32.4 48.6
65 15.5 11.8 17.8





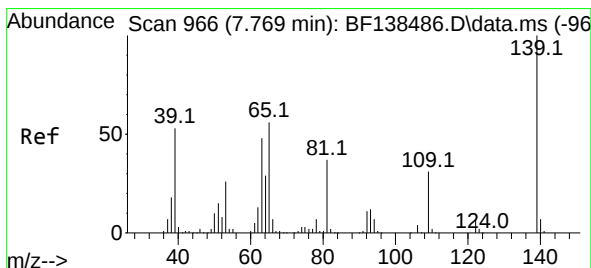
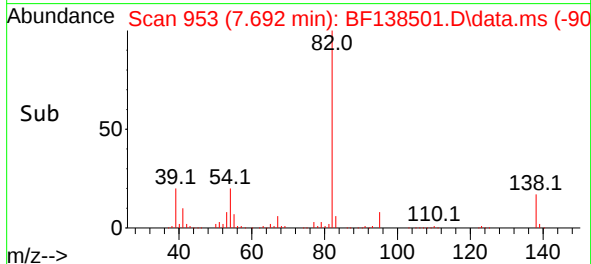
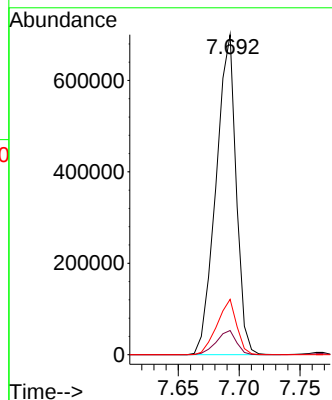
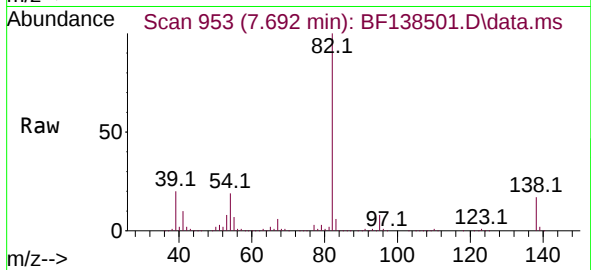
#25
Isophorone
Concen: 45.087 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :
BNA_F
ClientSampleId :
PB161962BS

Tgt Ion: 82 Resp: 80534
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 17.3 12.8 19.2

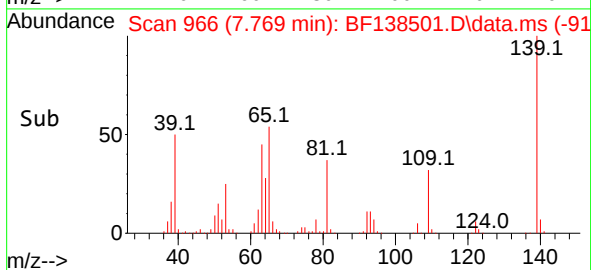
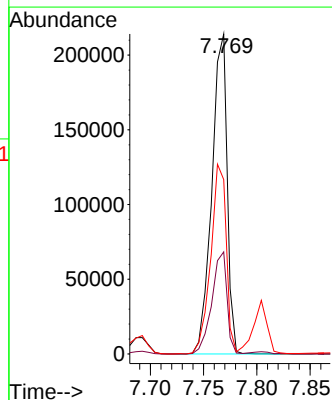
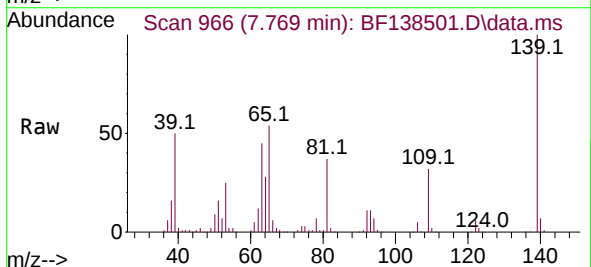
Manual Integrations
APPROVED

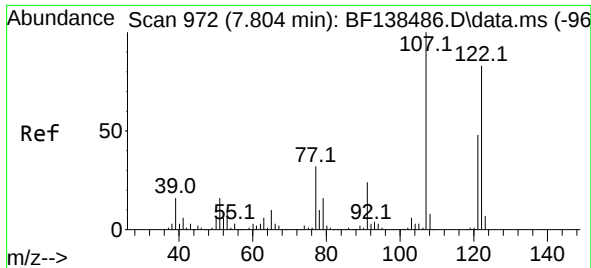
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#26
2-Nitrophenol
Concen: 47.179 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion:139 Resp: 213729
Ion Ratio Lower Upper
139 100
109 31.9 24.8 37.2
65 54.5 45.1 67.7





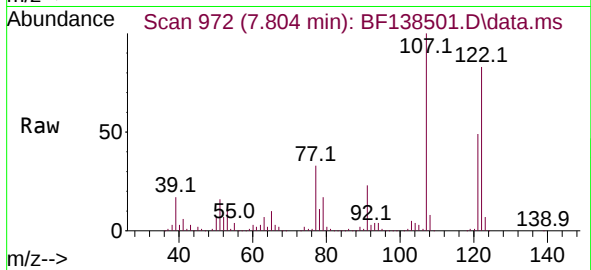
#27
2,4-Dimethylphenol
Concen: 48.611 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS



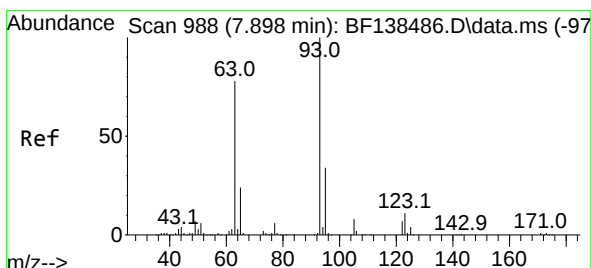
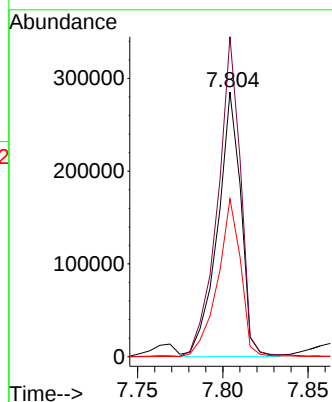
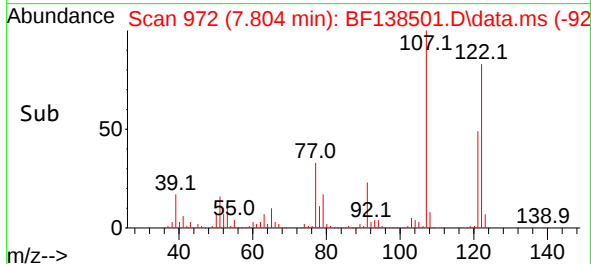
Tgt Ion:122 Resp: 270658
Ion Ratio Lower Upper
122 100
107 120.9 96.3 144.5
121 59.7 46.7 70.1

Manual Integrations

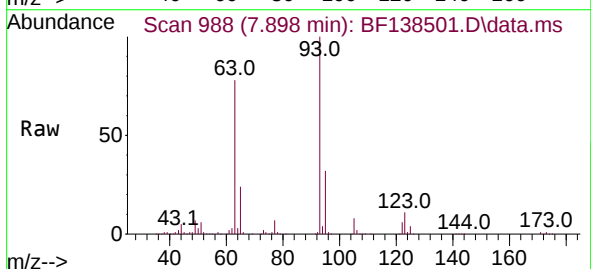
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

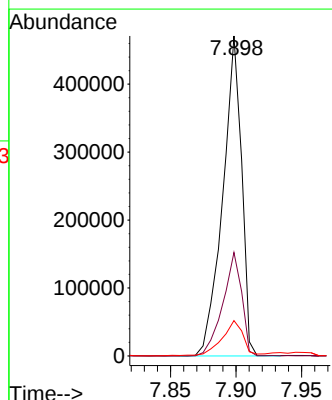
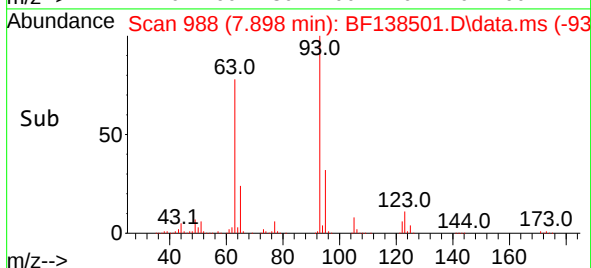
Supervised By :mohammad ahmed 07/11/2024

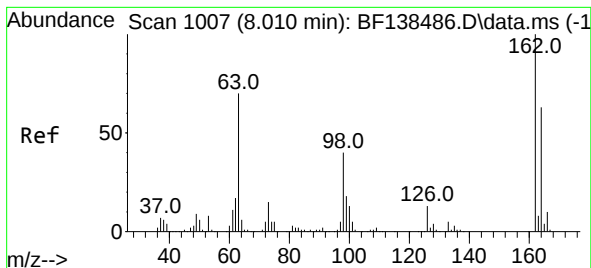


#28
bis(2-Chloroethoxy)methane
Concen: 44.008 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



Tgt Ion: 93 Resp: 469778
Ion Ratio Lower Upper
93 100
95 32.4 27.0 40.6
123 11.1 9.1 13.7





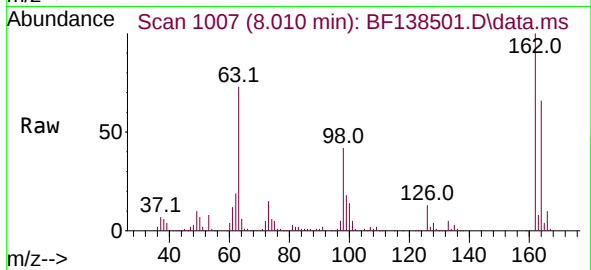
#29
2,4-Dichlorophenol
Concen: 44.201 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS



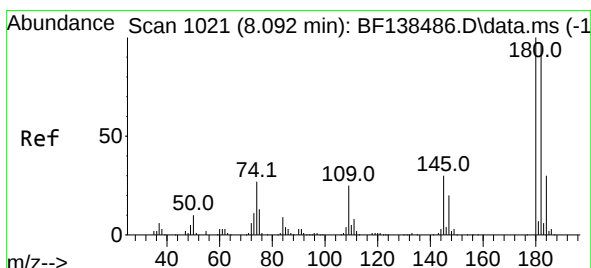
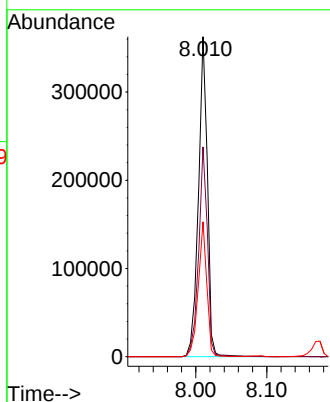
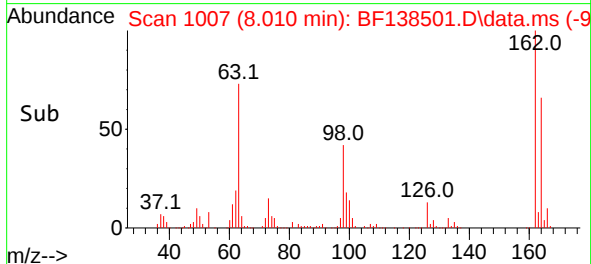
Tgt Ion:162 Resp: 319588
Ion Ratio Lower Upper
162 100
164 65.5 42.6 82.6
98 42.2 20.1 60.1

Manual Integrations

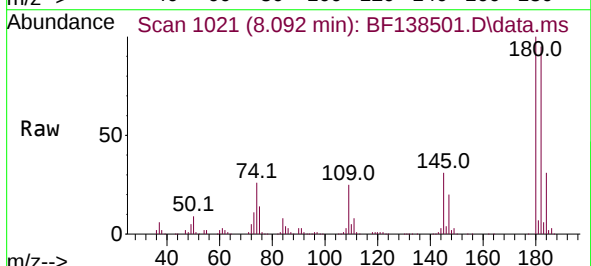
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

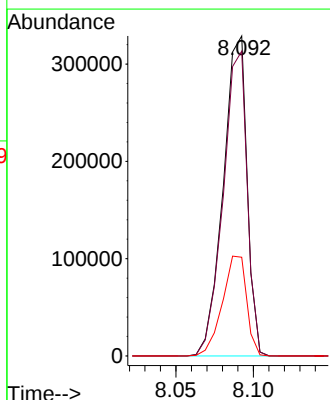
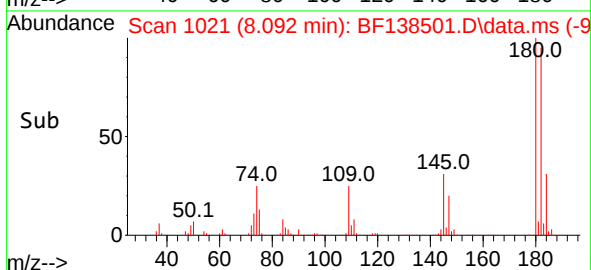
Supervised By :mohammad ahmed 07/11/2024

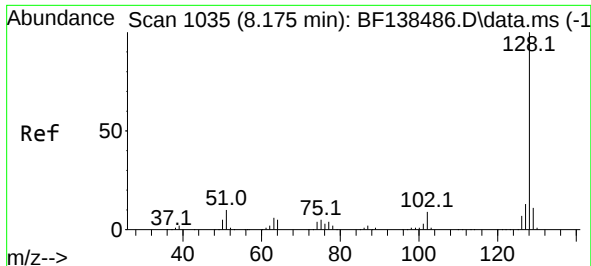


#30
1,2,4-Trichlorobenzene
Concen: 41.868 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



Tgt Ion:180 Resp: 352652
Ion Ratio Lower Upper
180 100
182 95.3 76.9 115.3
145 30.9 23.9 35.9





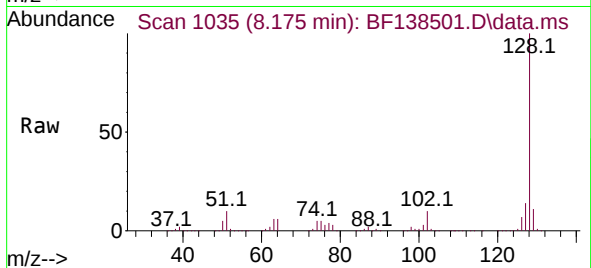
#31
Naphthalene
Concen: 42.118 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS



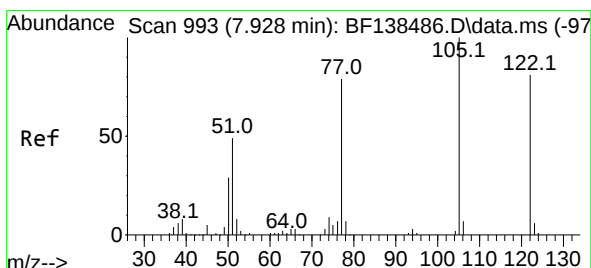
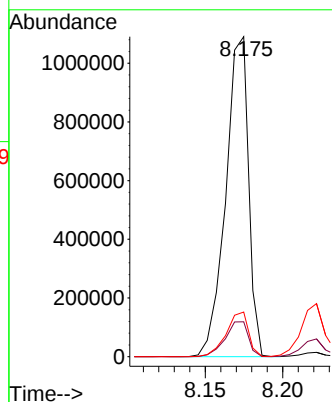
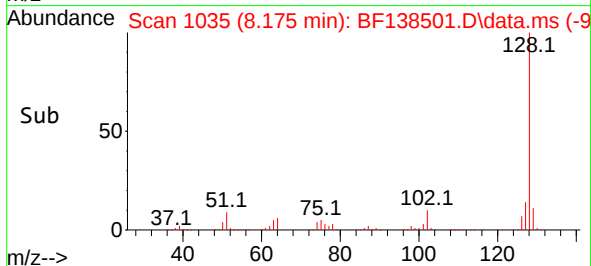
Tgt Ion:128 Resp: 111859
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.9 10.7 16.1

Manual Integrations

APPROVED

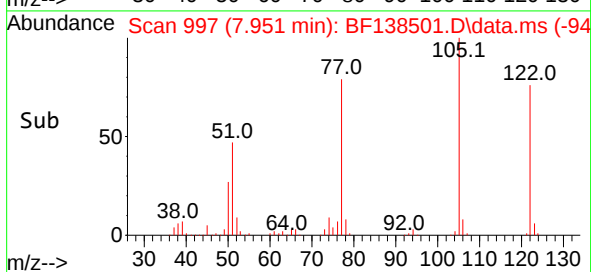
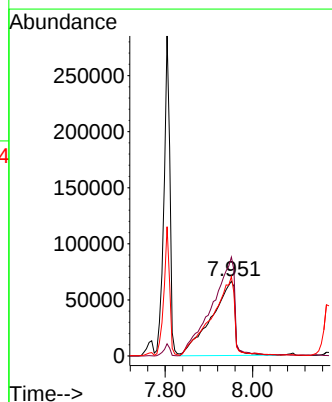
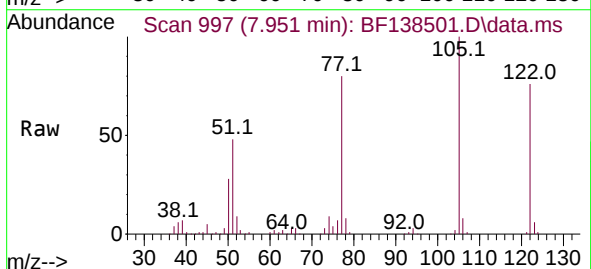
Reviewed By :Yogesh Patel 07/11/2024

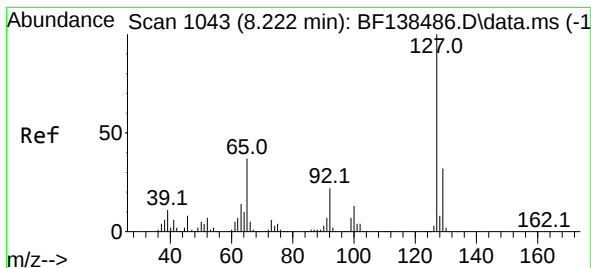
Supervised By :mohammad ahmed 07/11/2024



#32
Benzoic acid
Concen: 46.925 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.024 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion:122 Resp: 249195
Ion Ratio Lower Upper
122 100
105 132.3 101.5 141.5
77 106.2 77.3 117.3





#33
4-Chloroaniline
Concen: 22.298 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

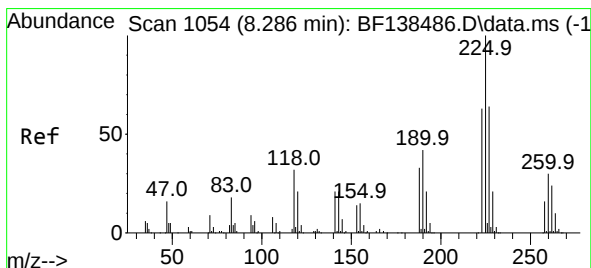
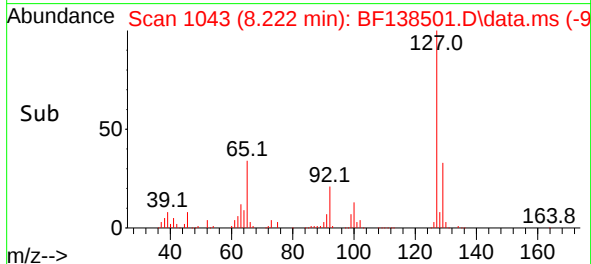
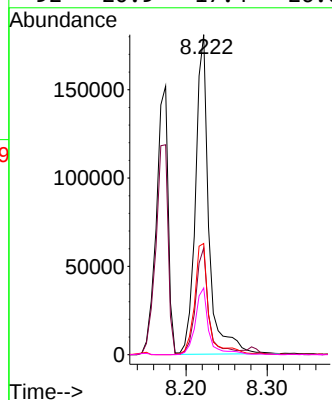
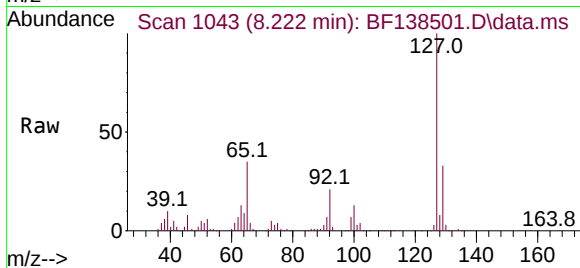
ClientSampleId :

PB161962BS

Tgt Ion:127 Resp: 20779
Ion Ratio Lower Upper
127 100
129 33.4 25.6 38.4
65 34.8 29.6 44.4
92 20.9 17.4 26.0

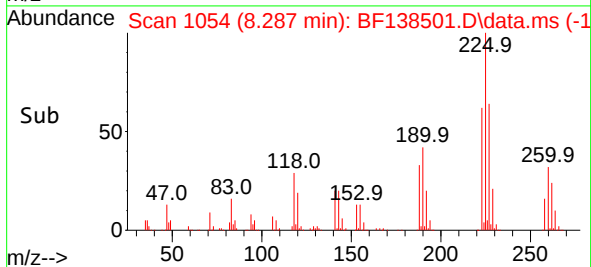
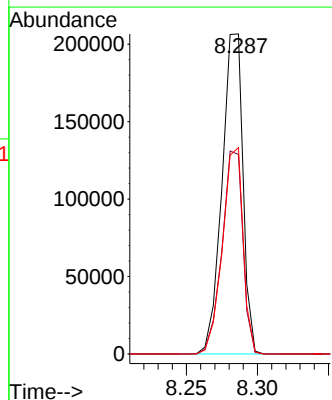
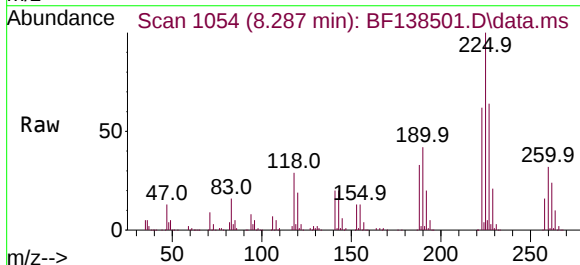
Manual Integrations
APPROVED

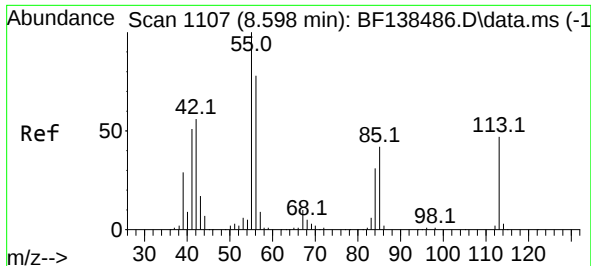
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#34
Hexachlorobutadiene
Concen: 40.860 ng
RT: 8.287 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

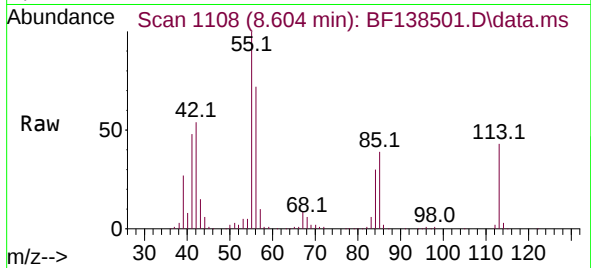
Tgt Ion:225 Resp: 211930
Ion Ratio Lower Upper
225 100
223 62.4 50.0 75.0
227 64.5 51.0 76.6





#35
Caprolactam
Concen: 45.502 ng m
RT: 8.604 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

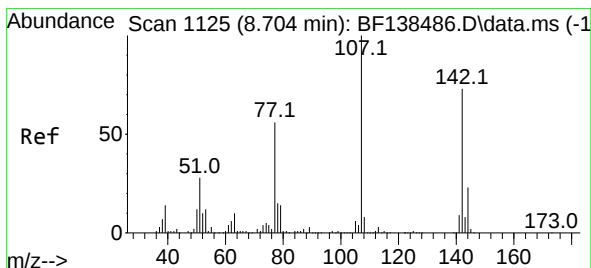
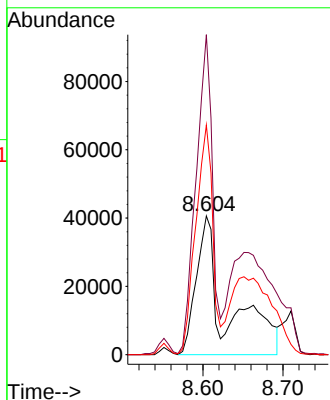
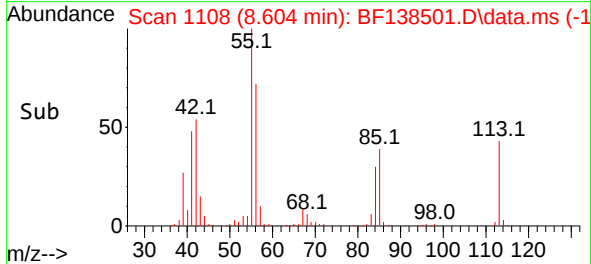
Instrument :
BNA_F
ClientSampleId :
PB161962BS



Tgt Ion:113 Resp: 106164
Ion Ratio Lower Upper
113 100
55 230.6 192.5 232.5
56 165.4 145.3 185.3

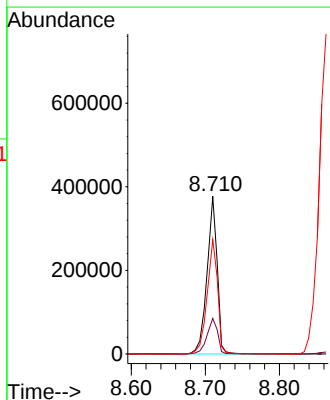
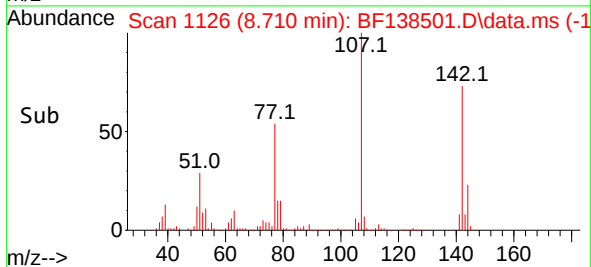
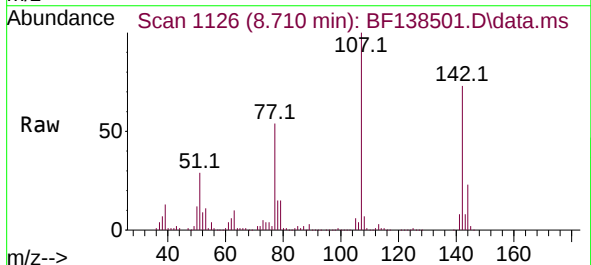
Manual Integrations
APPROVED

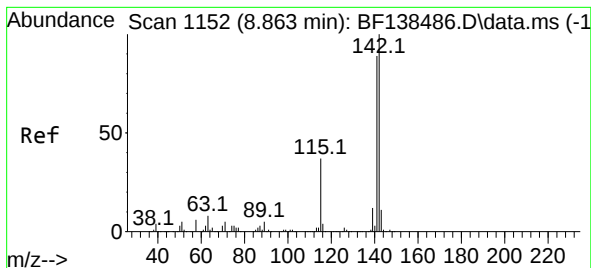
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#36
4-Chloro-3-methylphenol
Concen: 44.515 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion:107 Resp: 360332
Ion Ratio Lower Upper
107 100
144 22.5 18.6 27.8
142 72.6 58.6 88.0





#37

2-Methylnaphthalene

Concen: 42.263 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF138501.D

Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS

Tgt Ion:142 Resp: 72233

Ion Ratio Lower Upper

142 100

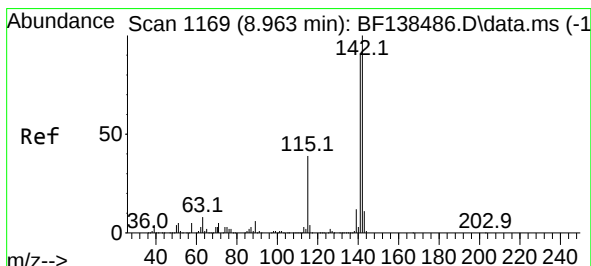
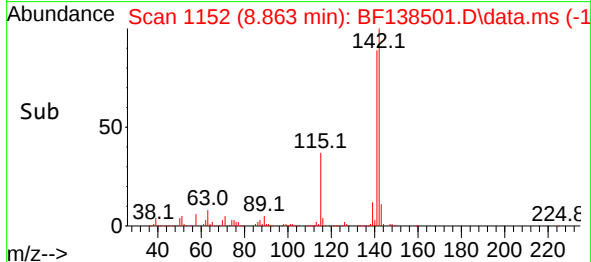
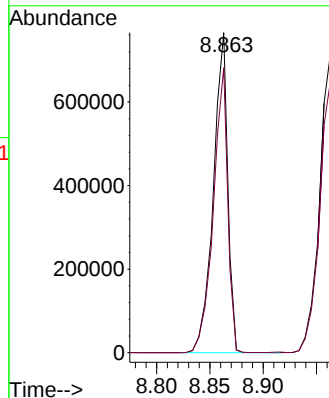
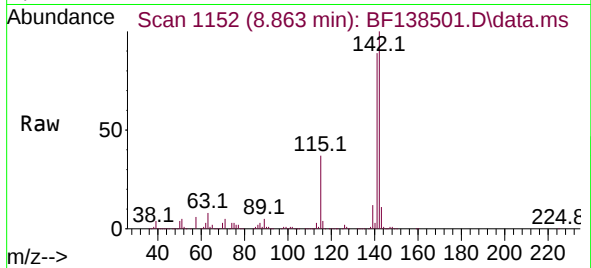
141 89.0 71.4 107.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#38

1-Methylnaphthalene

Concen: 40.161 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF138501.D

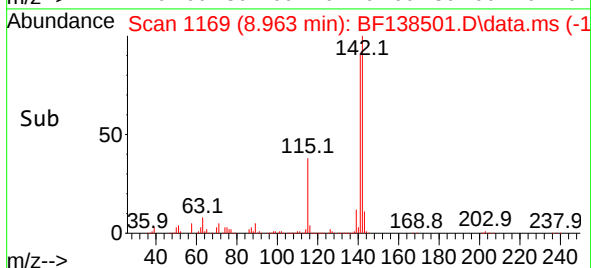
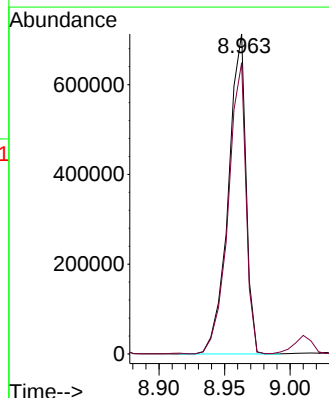
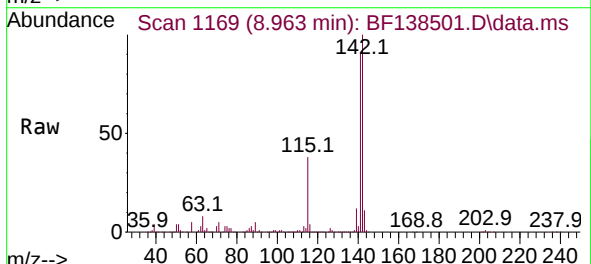
Acq: 10 Jul 2024 15:00

Tgt Ion:142 Resp: 669894

Ion Ratio Lower Upper

142 100

141 91.0 72.6 108.8





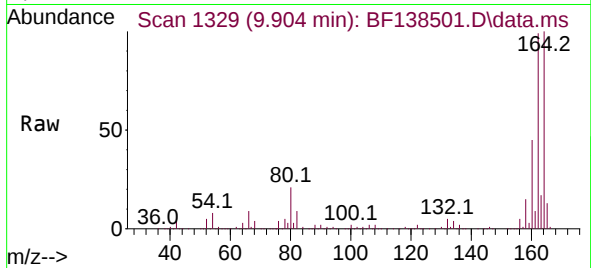
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNF_F

ClientSampleId :

PB161962BS



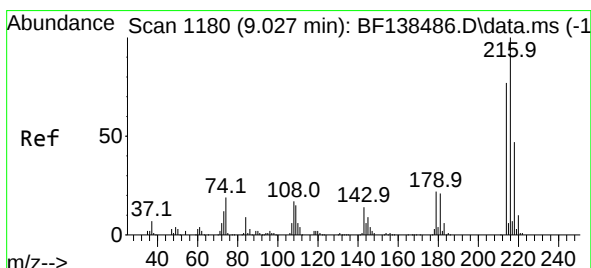
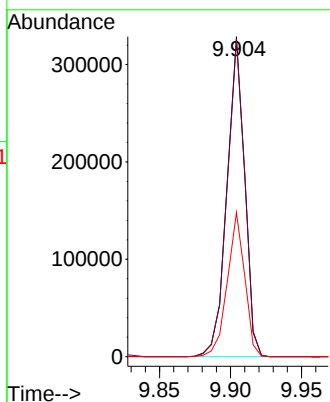
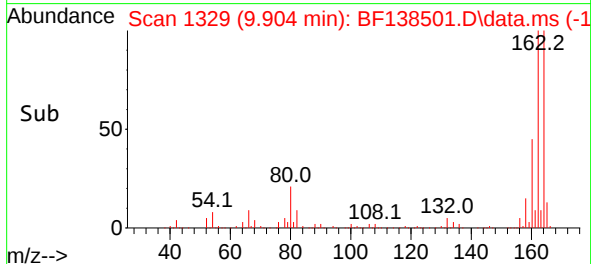
Tgt Ion:164 Resp: 28364
Ion Ratio Lower Upper
164 100
162 99.1 79.0 118.6
160 45.1 34.4 51.6

Manual Integrations

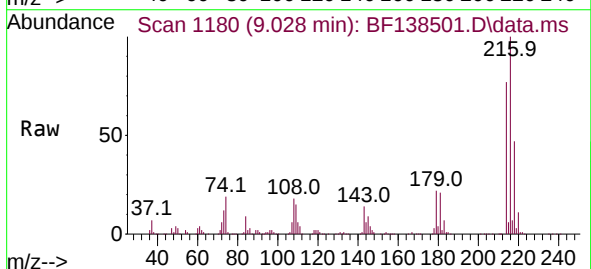
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

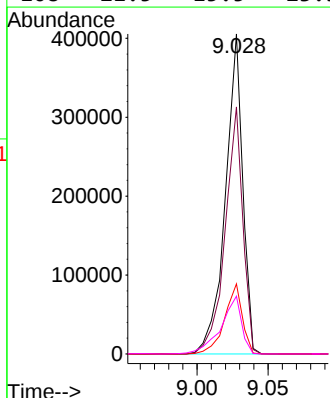
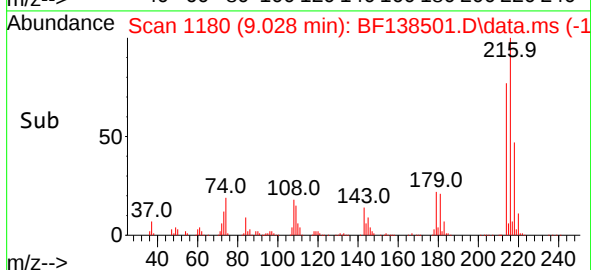
Supervised By :mohammad ahmed 07/11/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.470 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



Tgt Ion:216 Resp: 343648
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 22.4 17.7 26.5
108 21.5 15.5 23.3





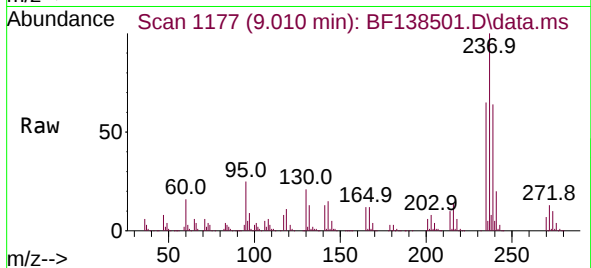
#41
Hexachlorocyclopentadiene
Concen: 122.199 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS

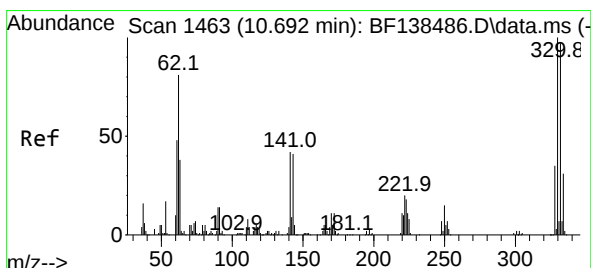
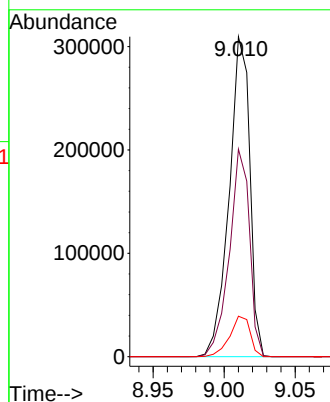
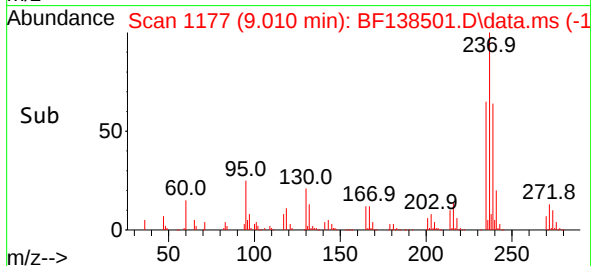


Tgt Ion:237 Resp: 313550
Ion Ratio Lower Upper
237 100
235 64.8 43.3 83.3
272 12.7 0.0 32.3

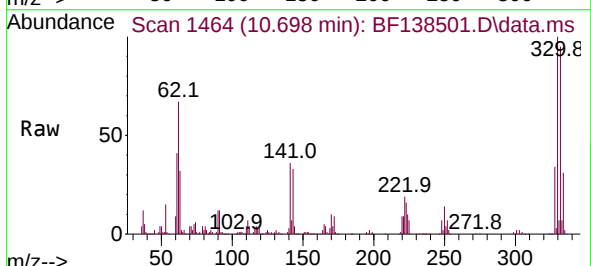
Manual Integrations

APPROVED

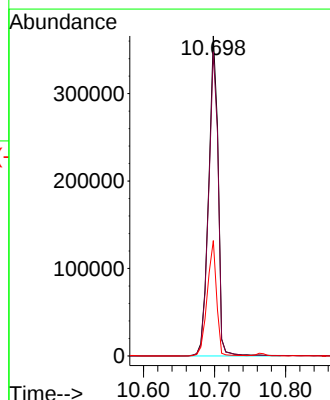
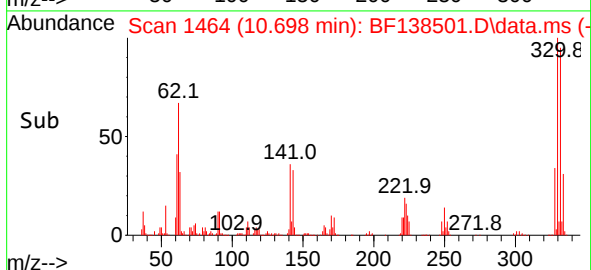
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

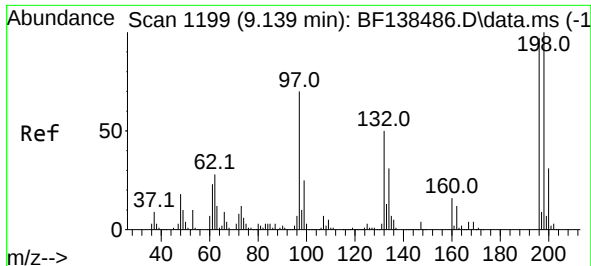


#42
2,4,6-Tribromophenol
Concen: 128.831 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



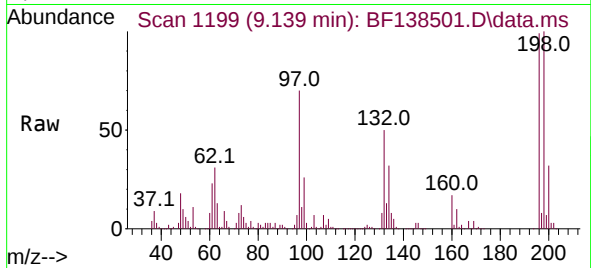
Tgt Ion:330 Resp: 341526
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 35.3 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 44.856 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

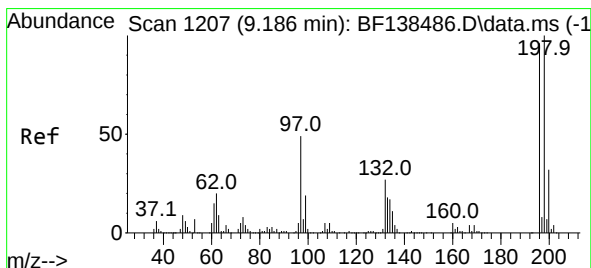
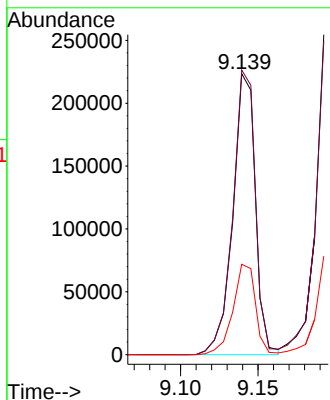
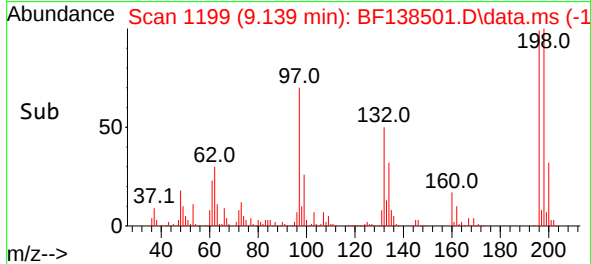
Instrument :
BNA_F
ClientSampleId :
PB161962BS



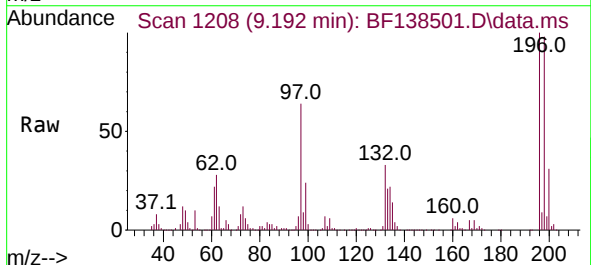
Tgt Ion:196 Resp: 226199
Ion Ratio Lower Upper
196 100
198 101.3 82.3 123.5
200 32.2 25.8 38.6

Manual Integrations
APPROVED

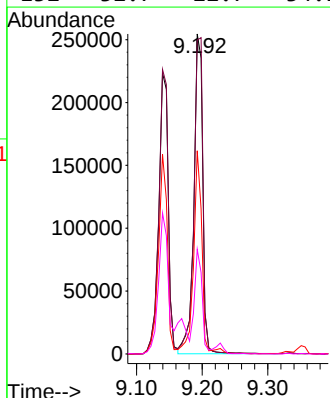
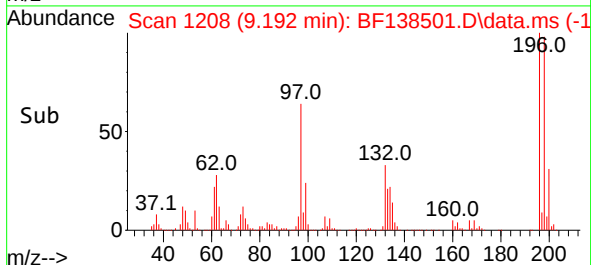
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

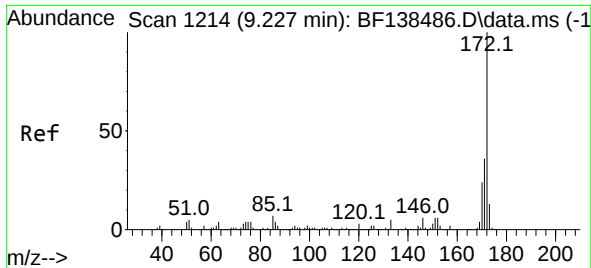


#44
2,4,5-Trichlorophenol
Concen: 43.172 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



Tgt Ion:196 Resp: 239449
Ion Ratio Lower Upper
196 100
198 98.1 82.8 124.2
97 63.5 41.0 61.4#
132 32.7 22.7 34.1





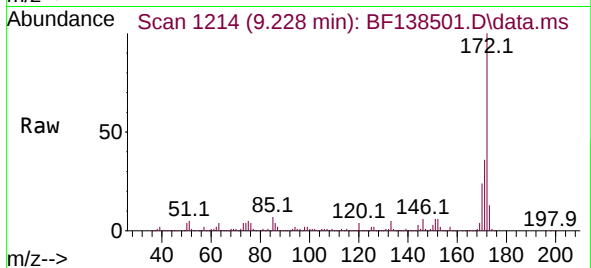
#45
2-Fluorobiphenyl
Concen: 81.557 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS



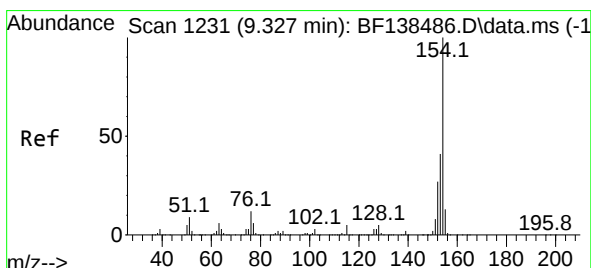
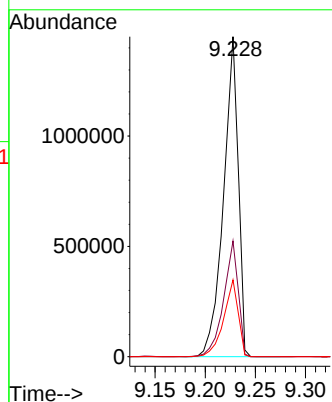
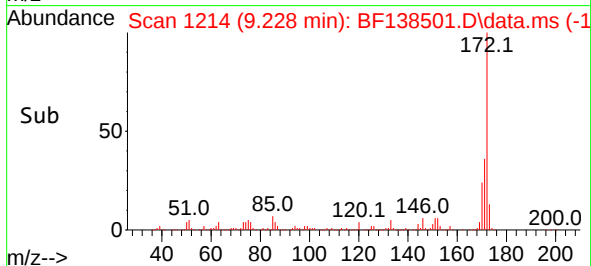
Tgt Ion:172 Resp: 148016
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.0 18.9 28.3

Manual Integrations

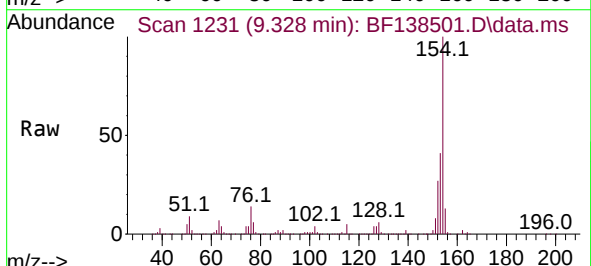
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

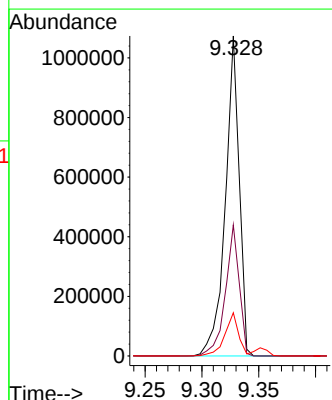
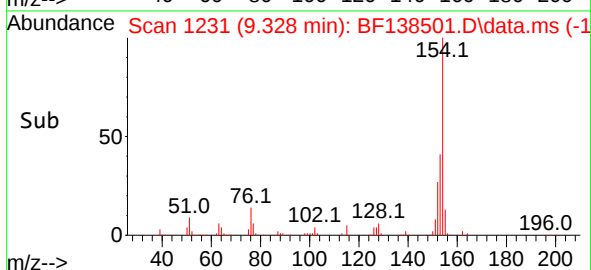
Supervised By :mohammad ahmed 07/11/2024

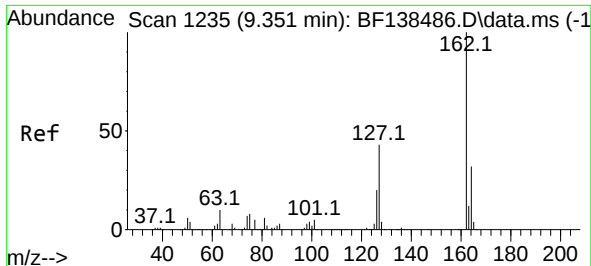


#46
1,1'-Biphenyl
Concen: 42.464 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



Tgt Ion:154 Resp: 912817
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 13.5 0.0 32.2





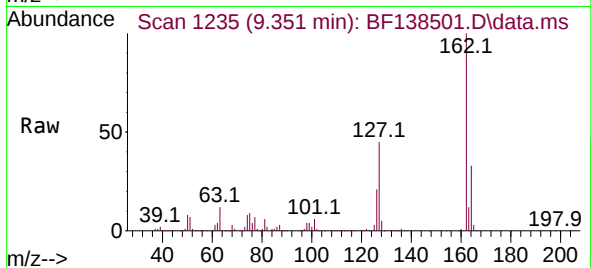
#47
2-Chloronaphthalene
Concen: 42.592 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

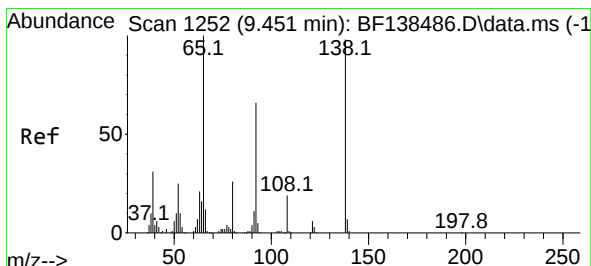
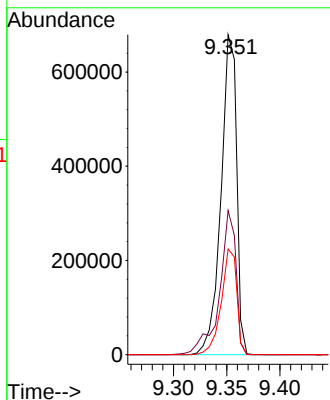
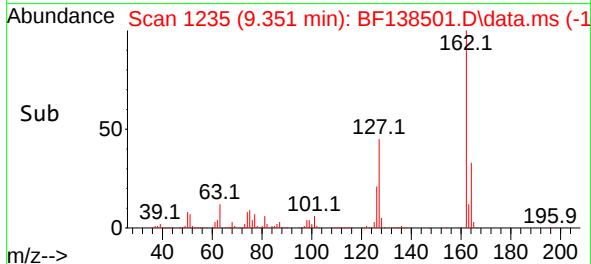
PB161962BS



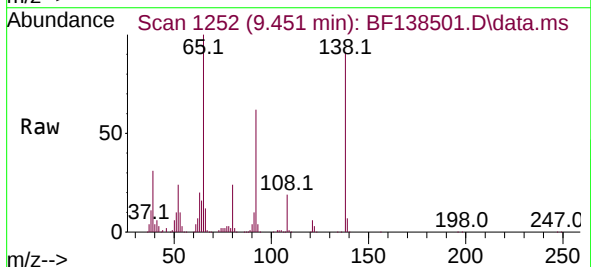
Tgt Ion:162 Resp: 691660
Ion Ratio Lower Upper
162 100
127 45.1 34.8 52.2
164 33.1 25.6 38.4

Manual Integrations
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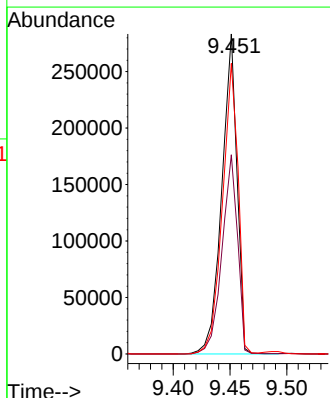
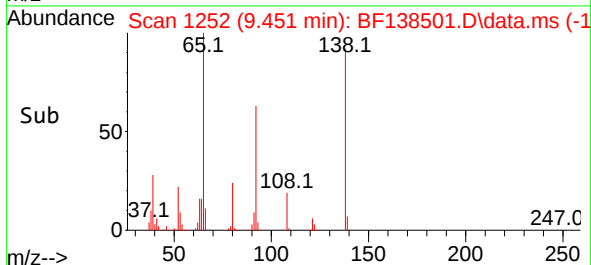
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

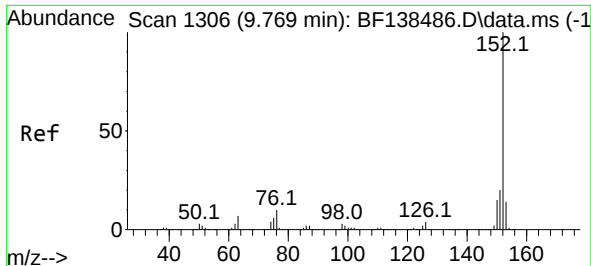


#48
2-Nitroaniline
Concen: 46.873 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



Tgt Ion: 65 Resp: 263773
Ion Ratio Lower Upper
65 100
92 62.2 52.6 78.8
138 90.8 78.6 118.0





#49
Acenaphthylene
Concen: 46.583 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS

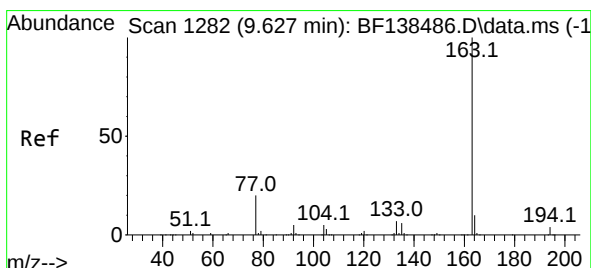
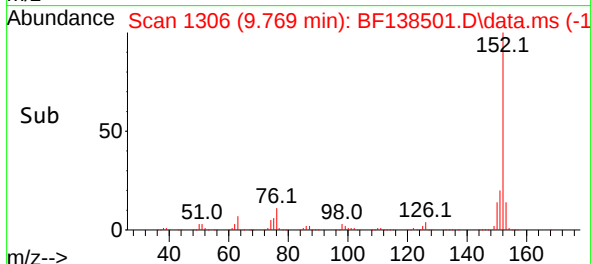
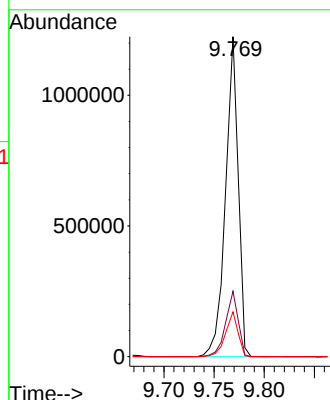
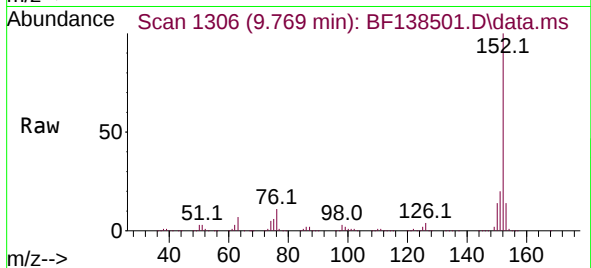
Tgt Ion:152 Resp: 1074024
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.0 11.3 16.9

Manual Integrations

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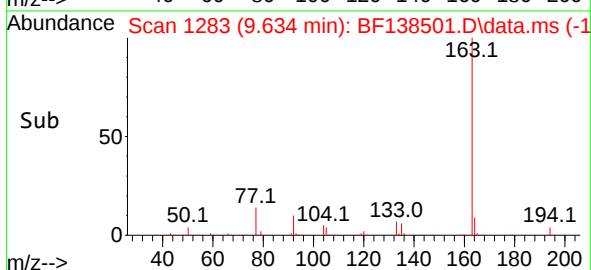
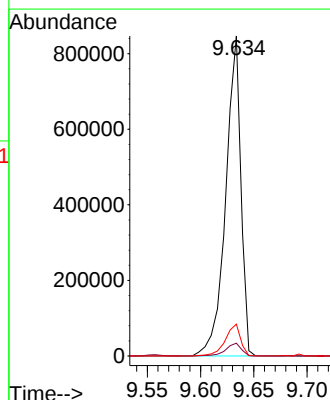
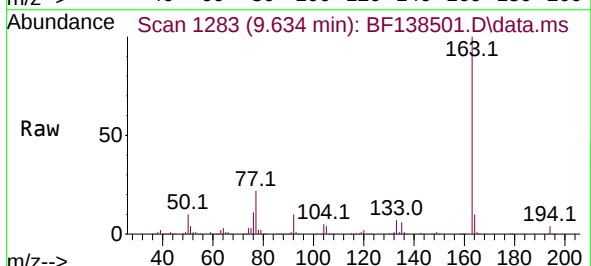
Reviewed By :Yogesh Patel 07/11/2024

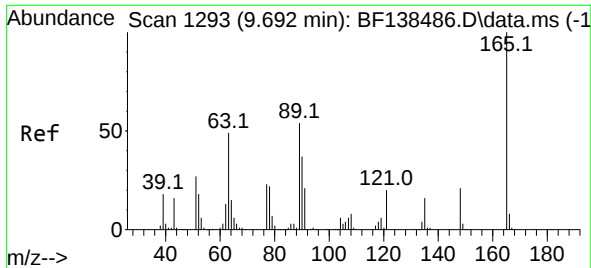
Supervised By :mohammad ahmed 07/11/2024



#50
Dimethylphthalate
Concen: 45.645 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion:163 Resp: 837182
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.0 8.1 12.1





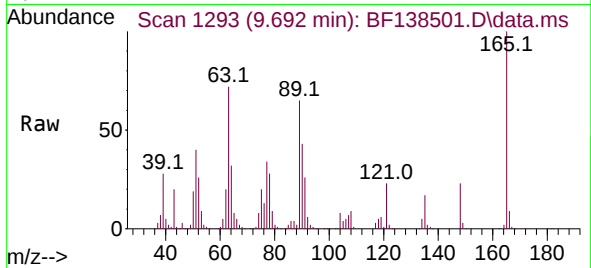
#51
2,6-Dinitrotoluene
Concen: 44.117 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS



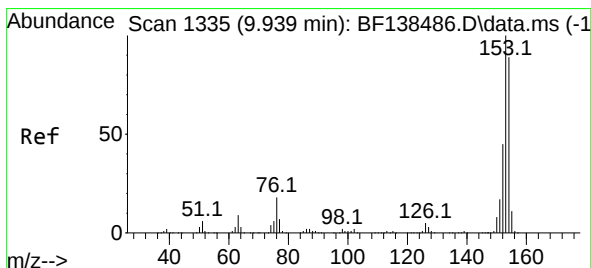
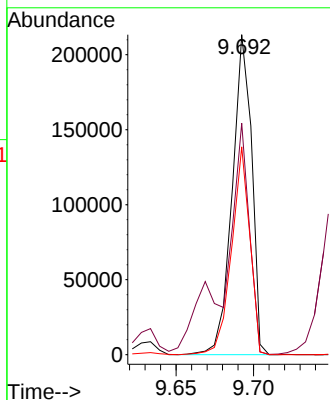
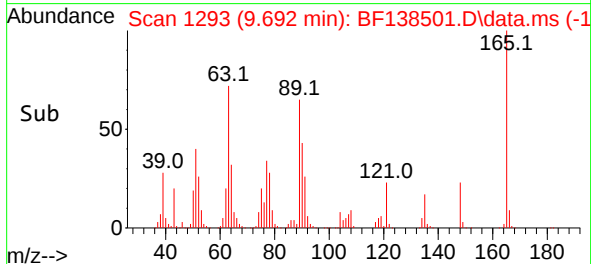
Tgt Ion:165 Resp: 186300
Ion Ratio Lower Upper
165 100
63 72.3 48.1 72.1
89 65.0 43.0 64.6

Manual Integrations

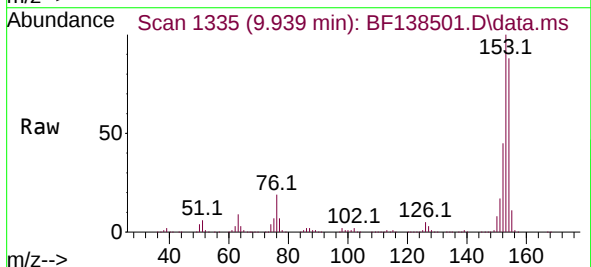
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

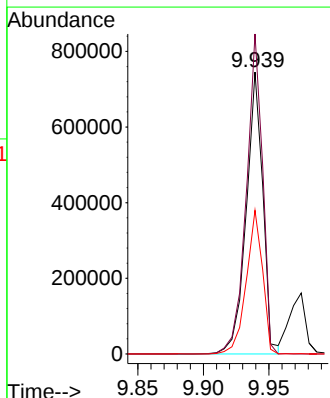
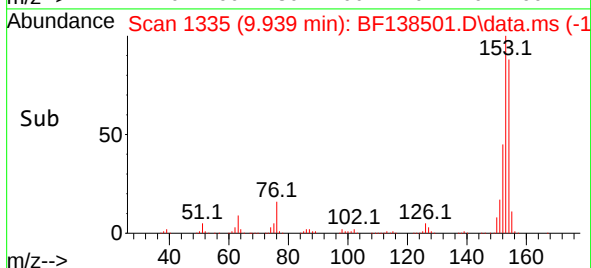
Supervised By :mohammad ahmed 07/11/2024

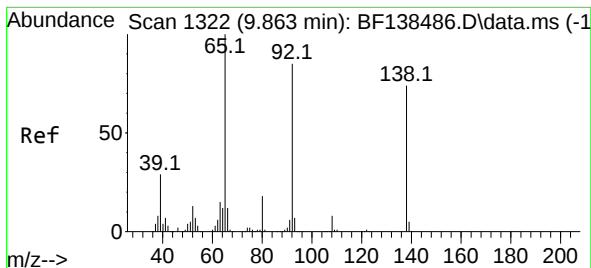


#52
Acenaphthene
Concen: 42.800 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



Tgt Ion:154 Resp: 655947
Ion Ratio Lower Upper
154 100
153 113.5 90.4 135.6
152 51.0 41.1 61.7





#53
3-Nitroaniline
Concen: 29.660 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

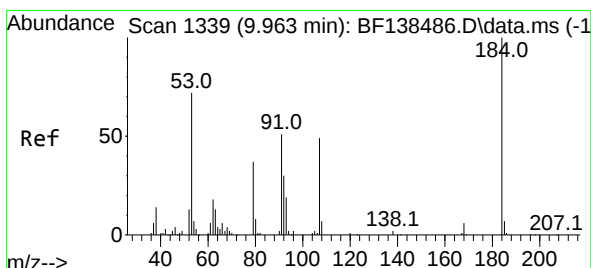
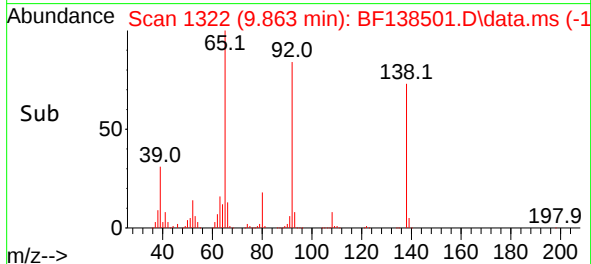
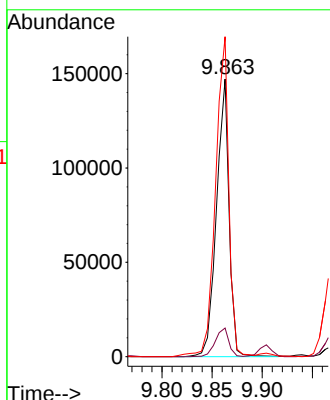
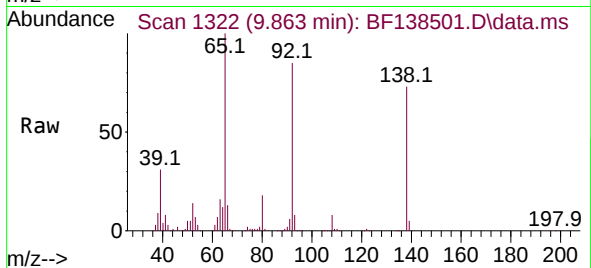
ClientSampleId :

PB161962BS

Tgt Ion:138 Resp: 12837
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 115.3 92.6 138.8

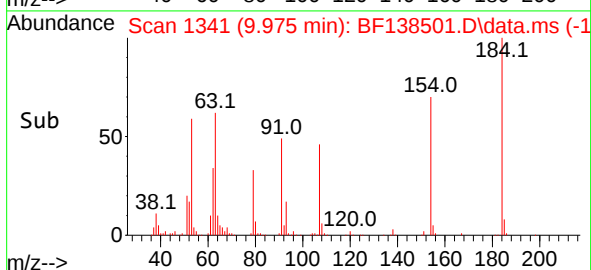
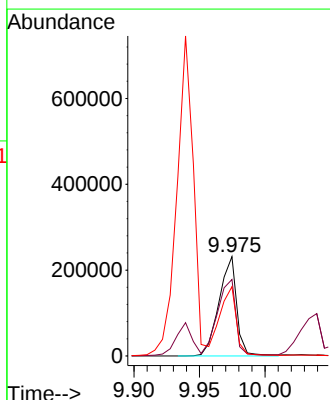
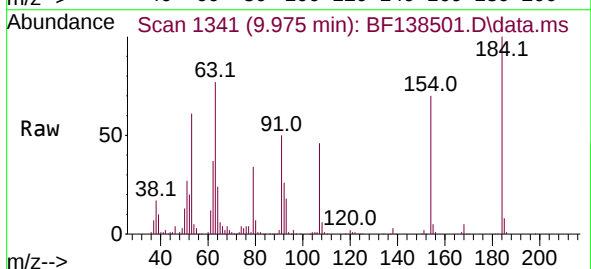
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#54
2,4-Dinitrophenol
Concen: 95.038 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

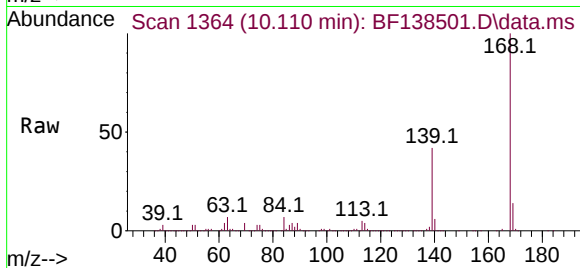
Tgt Ion:184 Resp: 217511
Ion Ratio Lower Upper
184 100
63 77.0 70.6 106.0
154 69.6 53.8 80.6





#55
Dibenzenofuran
Concen: 43.829 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

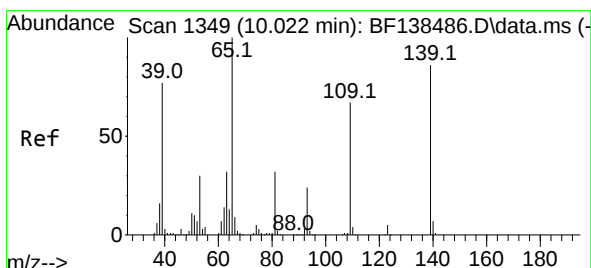
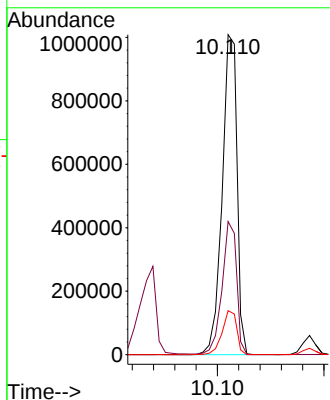
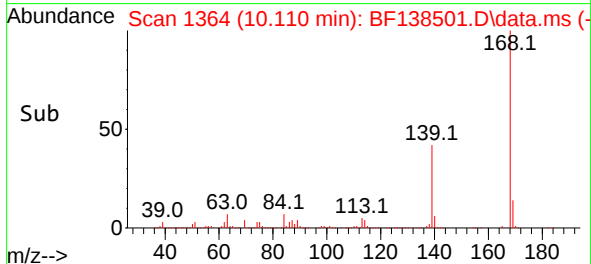
Instrument :
BNA_F
ClientSampleId :
PB161962BS



Tgt Ion:168 Resp: 97429
Ion Ratio Lower Upper
168 100
139 41.6 32.4 48.6
169 13.7 10.9 16.3

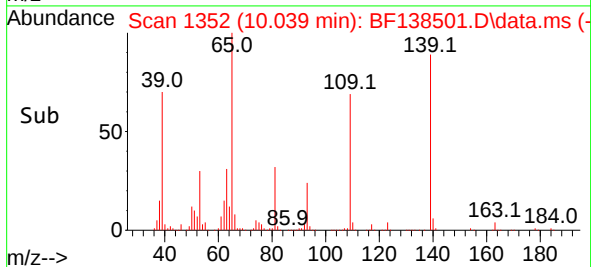
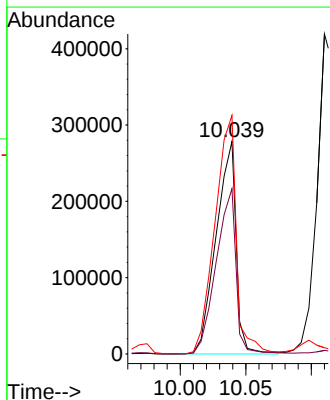
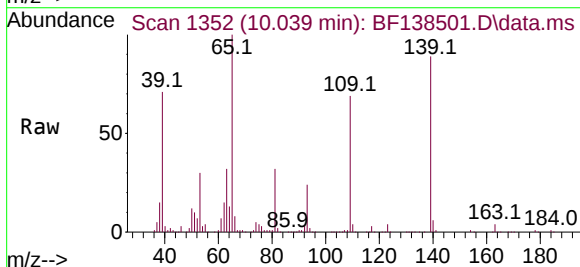
Manual Integrations
APPROVED

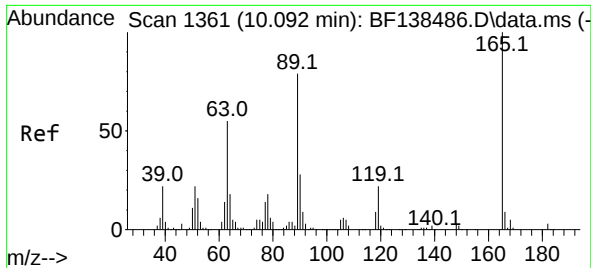
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#56
4-Nitrophenol
Concen: 92.341 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.018 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion:139 Resp: 294907
Ion Ratio Lower Upper
139 100
109 77.8 58.1 98.1
65 112.3 96.9 136.9





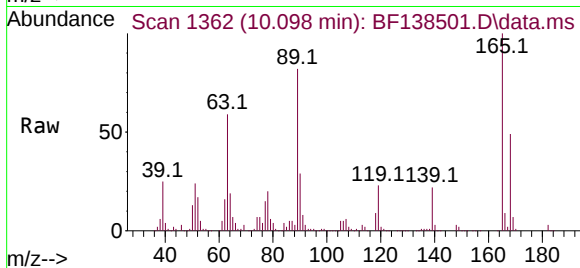
#57
2,4-Dinitrotoluene
Concen: 45.145 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS



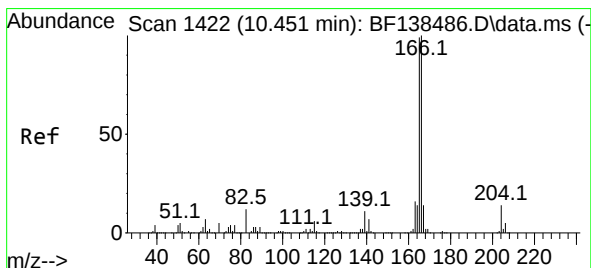
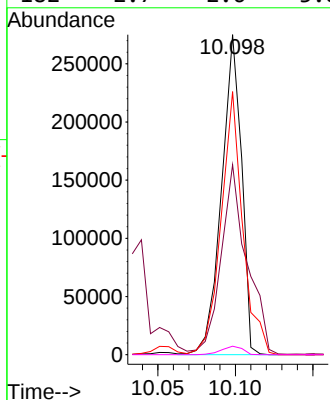
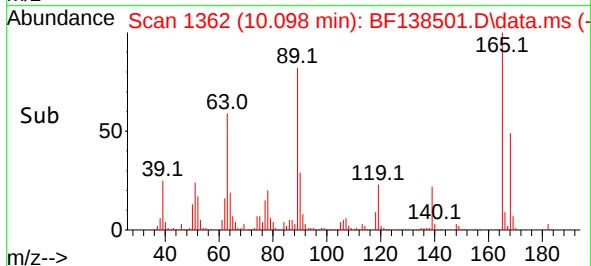
Tgt Ion:165 Resp: 246672
Ion Ratio Lower Upper
165 100
63 59.3 44.6 66.8
89 82.2 63.4 95.2
182 2.7 2.6 3.8

Manual Integrations

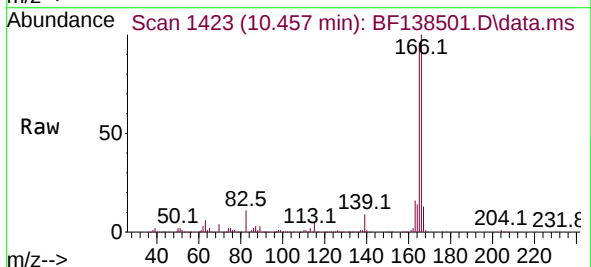
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

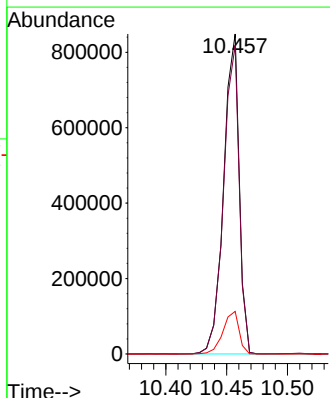
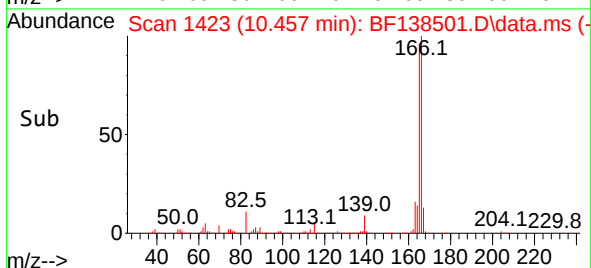
Supervised By :mohammad ahmed 07/11/2024

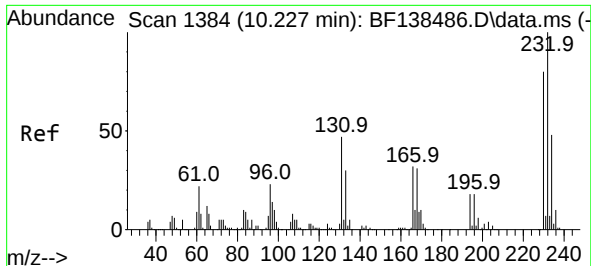


#58
Fluorene
Concen: 42.809 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



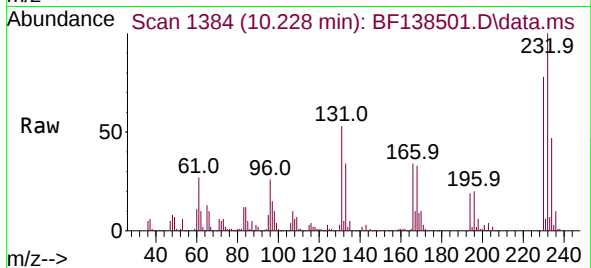
Tgt Ion:166 Resp: 752980
Ion Ratio Lower Upper
166 100
165 96.4 79.1 118.7
167 13.3 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.204 ng
RT: 10.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

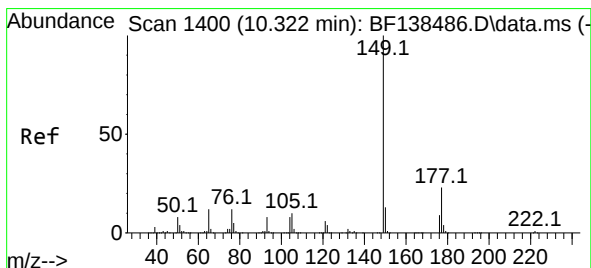
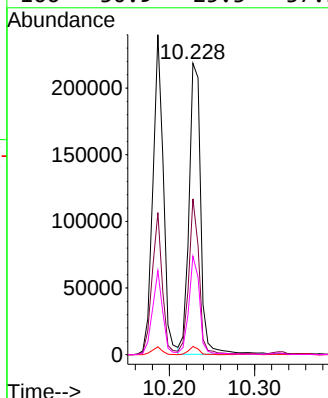
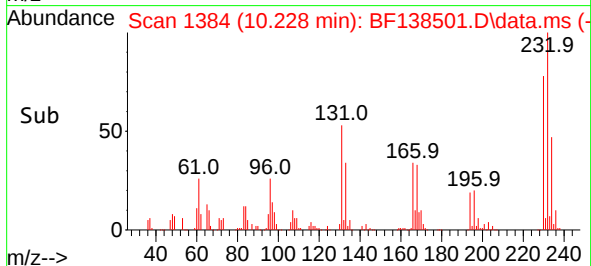
Instrument :
BNA_F
ClientSampleId :
PB161962BS



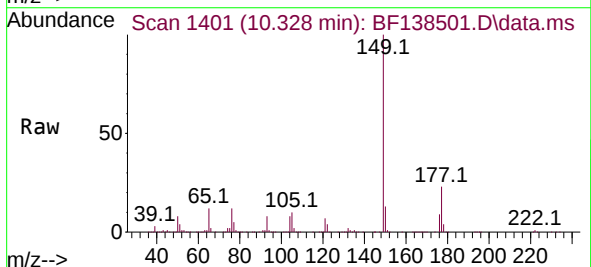
Tgt Ion:232 Resp: 20662
Ion Ratio Lower Upper
232 100
131 47.1 37.5 56.3
130 2.5 2.0 3.0
166 30.9 25.3 37.9

Manual Integrations
APPROVED

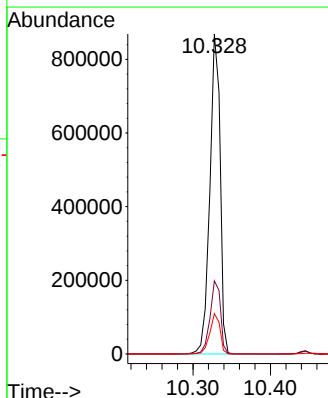
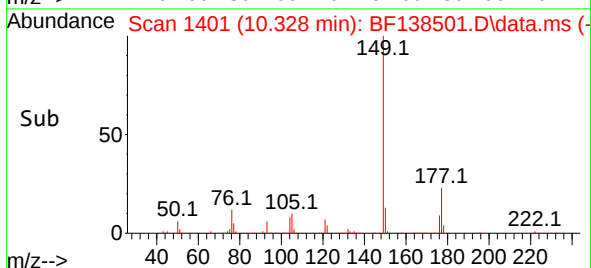
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

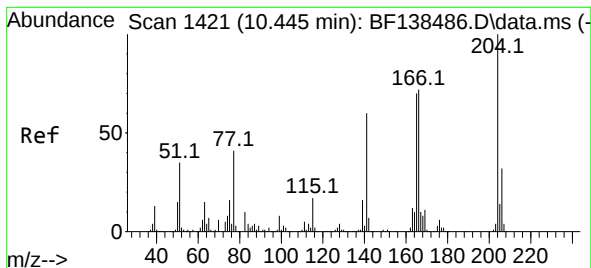


#60
Diethylphthalate
Concen: 45.279 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



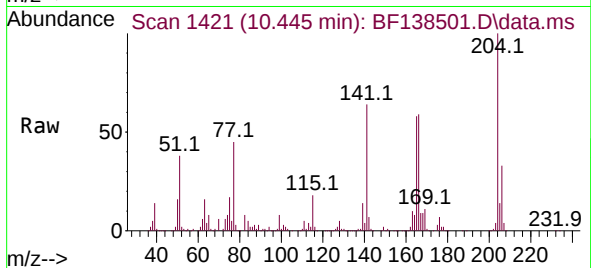
Tgt Ion:149 Resp: 800604
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 42.109 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

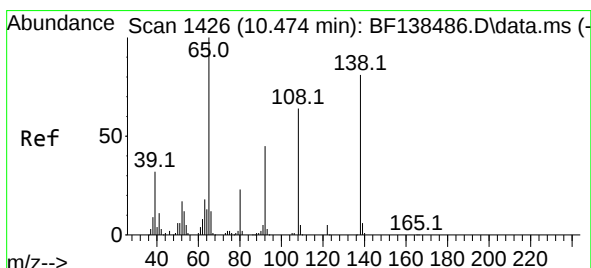
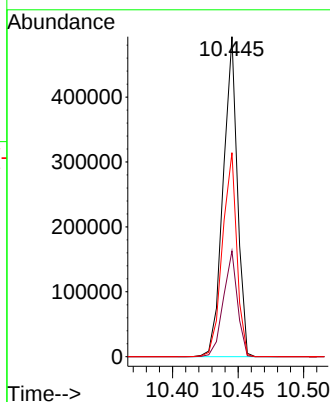
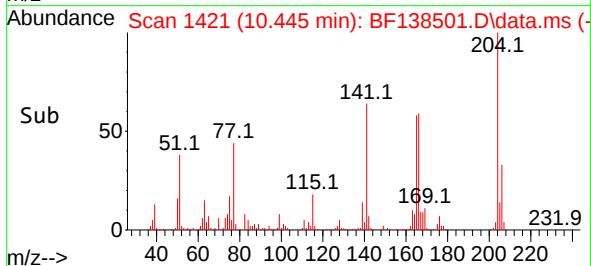
Instrument :
BNA_F
ClientSampleId :
PB161962BS



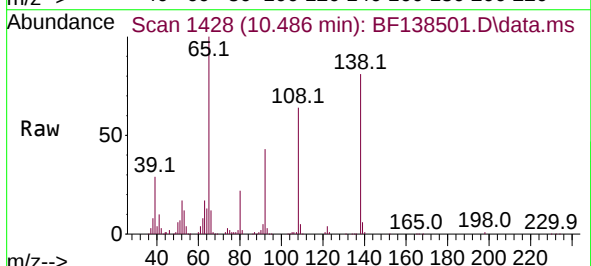
Tgt Ion:204 Resp: 371920
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 63.8 47.7 71.5

Manual Integrations
APPROVED

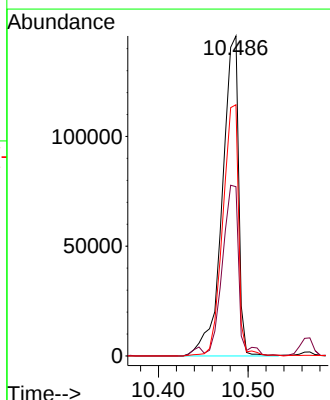
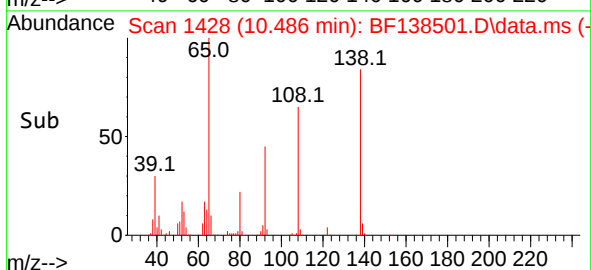
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

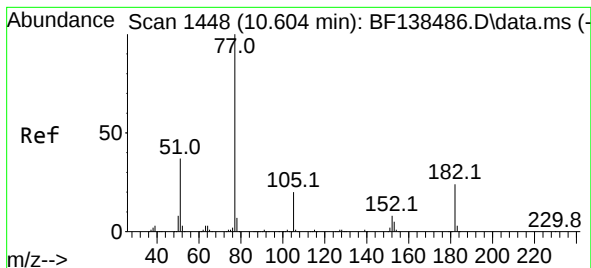


#62
4-Nitroaniline
Concen: 42.533 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



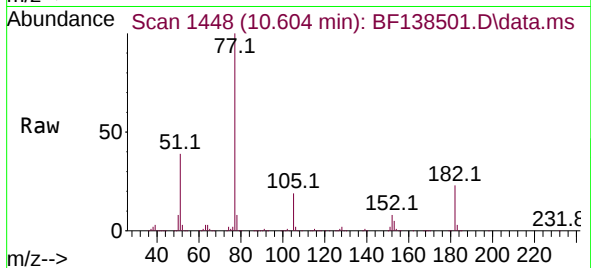
Tgt Ion:138 Resp: 184476
Ion Ratio Lower Upper
138 100
92 52.9 35.8 75.8
108 78.5 59.8 99.8





#63
Azobenzene
Concen: 44.439 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

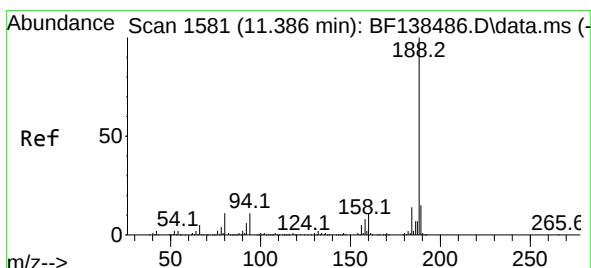
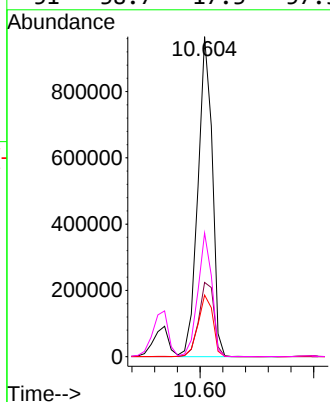
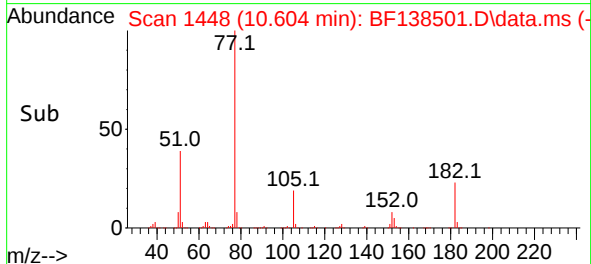
Instrument :
BNA_F
ClientSampleId :
PB161962BS



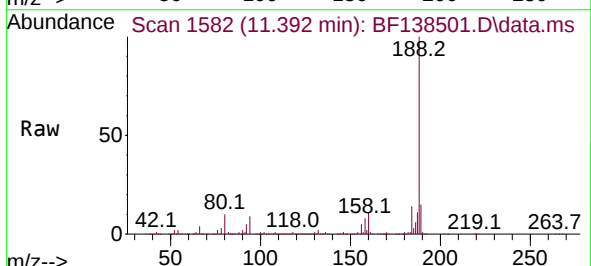
Tgt Ion: 77 Resp: 844780
Ion Ratio Lower Upper
77 100
182 23.2 3.8 43.8
105 19.3 0.0 39.8
51 38.7 17.3 57.3

Manual Integrations
APPROVED

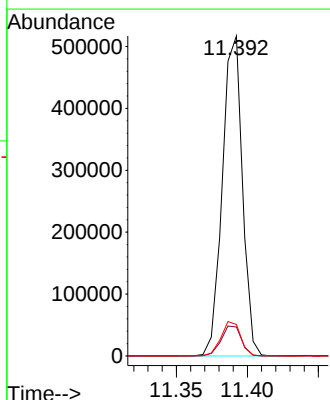
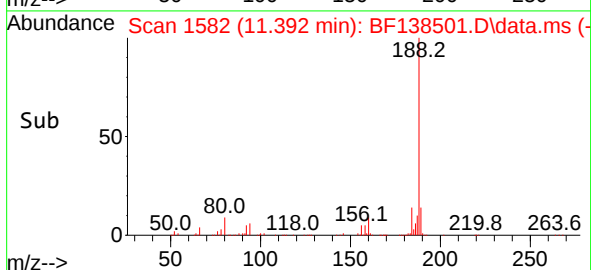
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



Tgt Ion:188 Resp: 506108
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 9.8 9.0 13.4





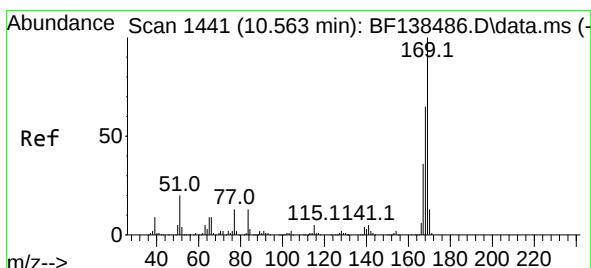
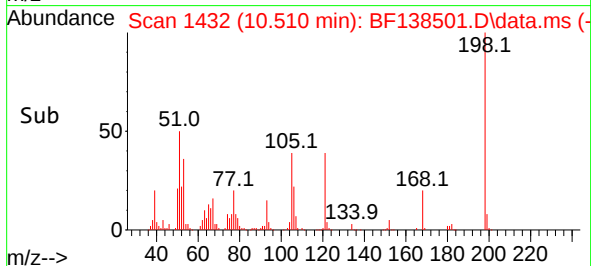
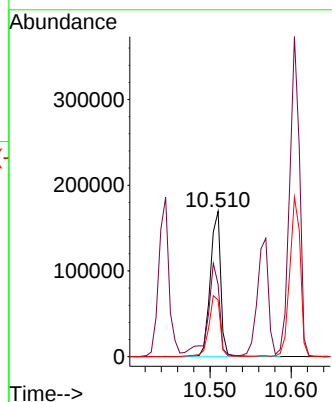
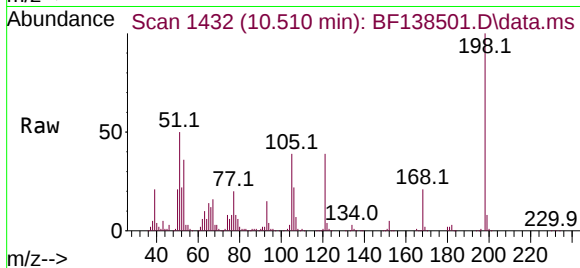
#65
4,6-Dinitro-2-methylphenol
Concen: 51.560 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :
BNA_F
ClientSampleId :
PB161962BS

Tgt Ion:198 Resp: 150674
Ion Ratio Lower Upper
198 100
51 49.7 27.2 67.2
105 39.0 18.5 58.5

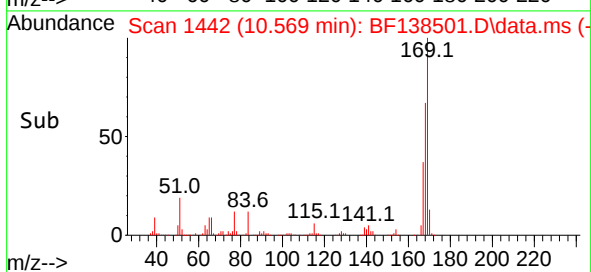
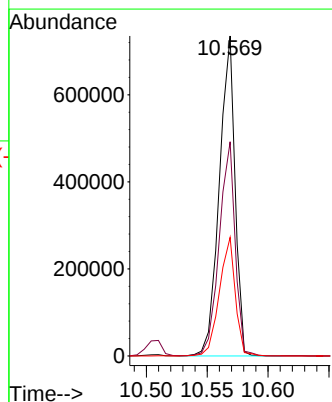
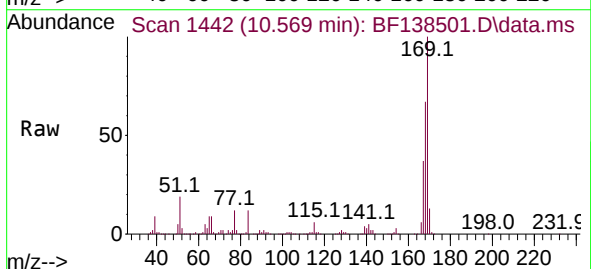
Manual Integrations
APPROVED

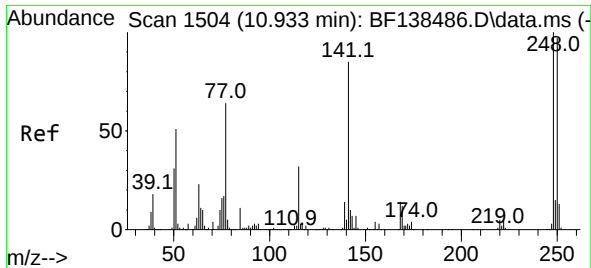
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#66
n-Nitrosodiphenylamine
Concen: 43.595 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion:169 Resp: 661042
Ion Ratio Lower Upper
169 100
168 67.0 51.7 77.5
167 37.1 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 43.870 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

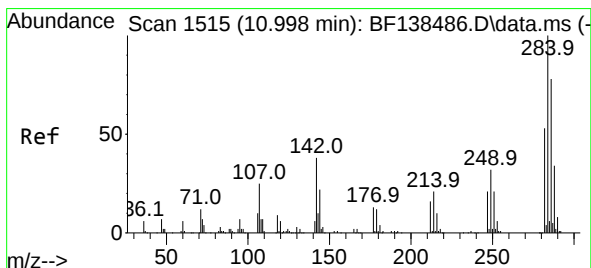
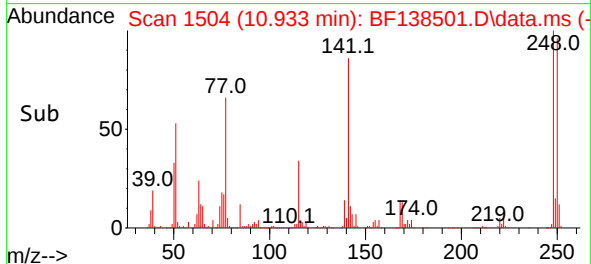
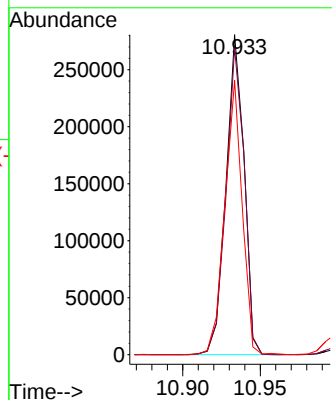
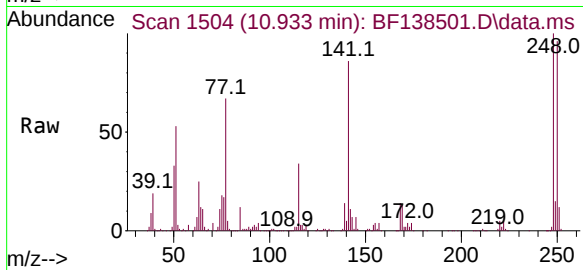
PB161962BS

Tgt Ion:248 Resp: 228207
Ion Ratio Lower Upper
248 100
250 95.9 77.9 116.9
141 85.7 67.7 101.5

Manual Integrations

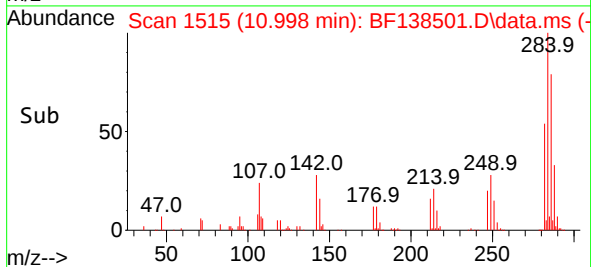
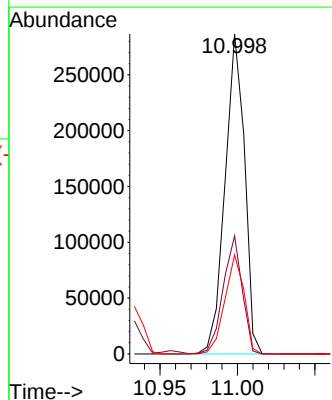
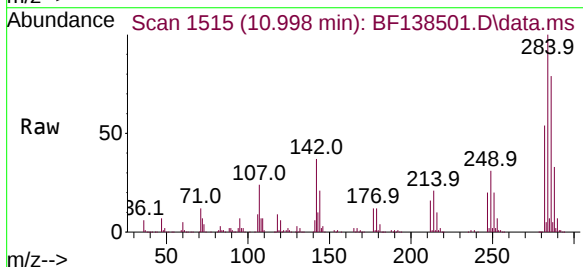
APPROVED

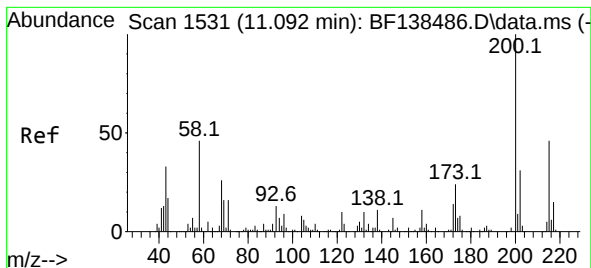
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#68
Hexachlorobenzene
Concen: 43.404 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion:284 Resp: 250827
Ion Ratio Lower Upper
284 100
142 36.9 30.5 45.7
249 31.0 25.9 38.9





#69

Atrazine

Concen: 40.102 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF138501.D

Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS

Tgt Ion:200 Resp: 201600

Ion Ratio Lower Upper

200 100

173 26.2 4.1 44.1

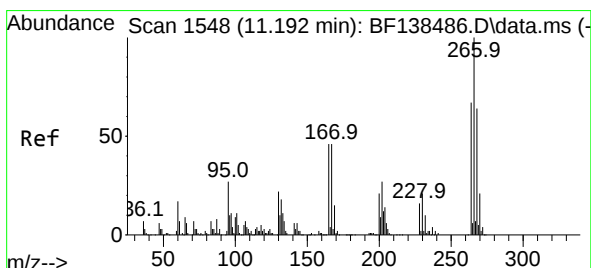
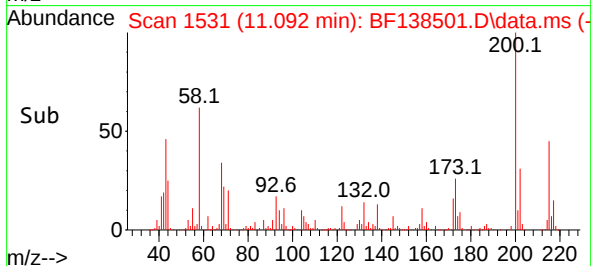
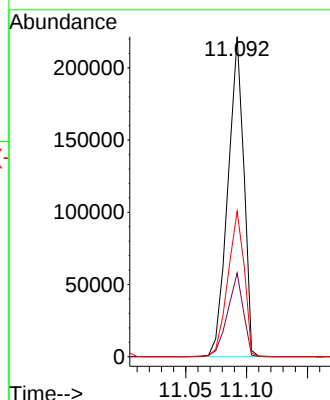
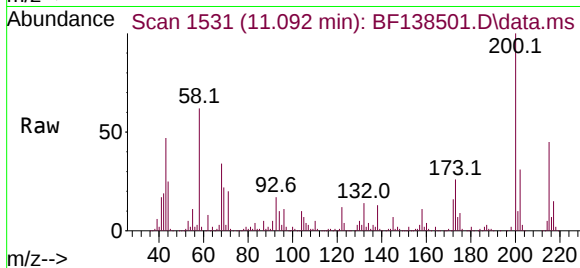
215 45.4 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#70

Pentachlorophenol

Concen: 87.959 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF138501.D

Acq: 10 Jul 2024 15:00

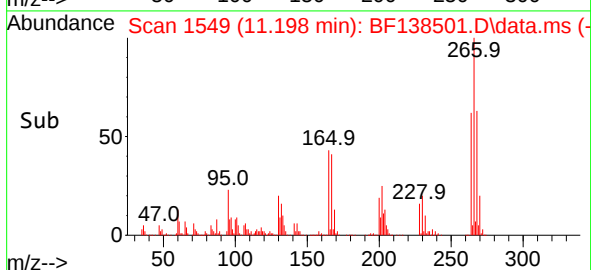
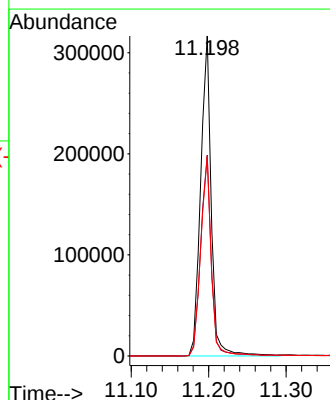
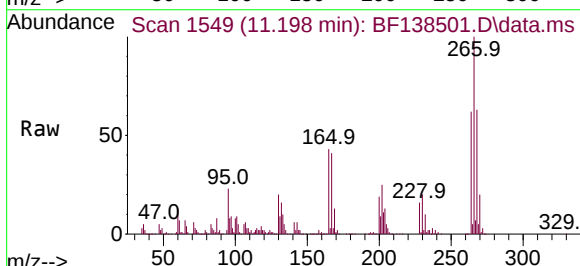
Tgt Ion:266 Resp: 300775

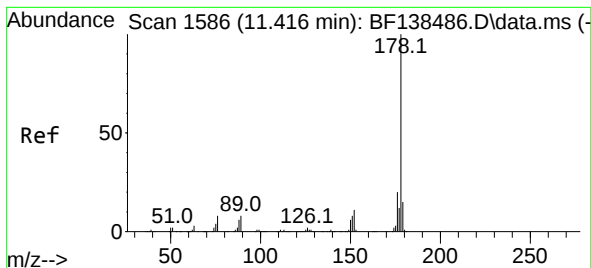
Ion Ratio Lower Upper

266 100

268 62.7 50.9 76.3

264 62.3 53.5 80.3





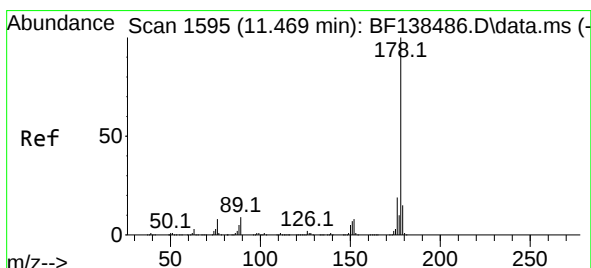
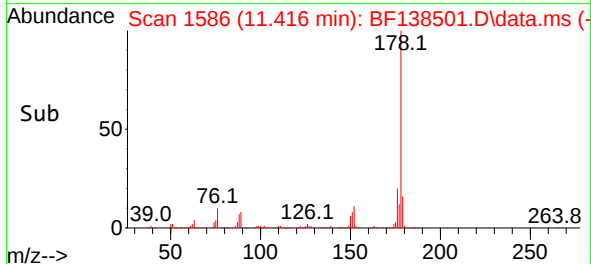
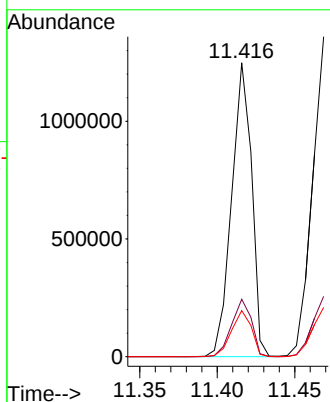
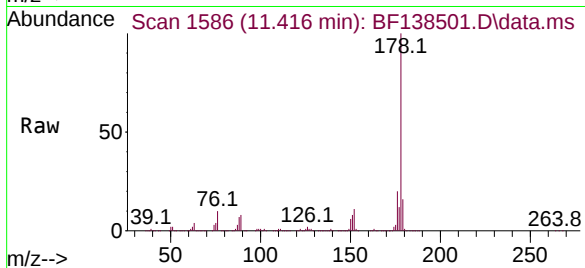
#71
Phenanthrene
Concen: 43.870 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :
BNA_F
ClientSampleId :
PB161962BS

Tgt Ion:178 Resp: 1121710
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.7 12.2 18.2

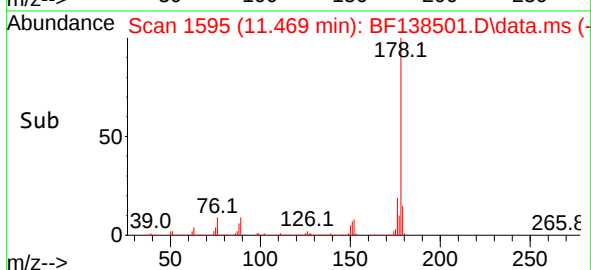
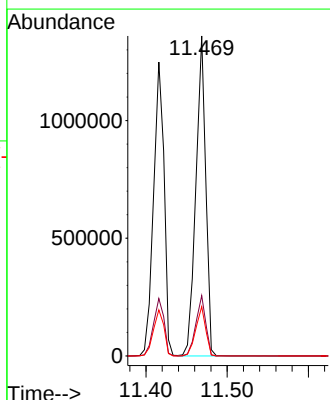
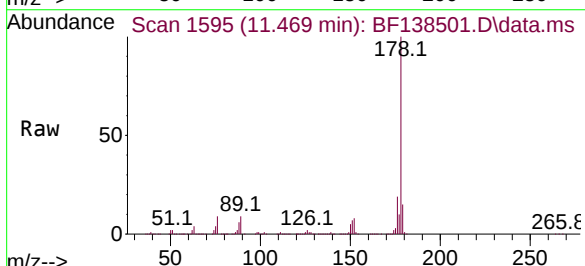
Manual Integrations
APPROVED

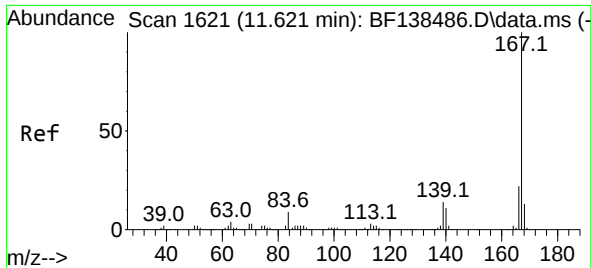
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#72
Anthracene
Concen: 45.560 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

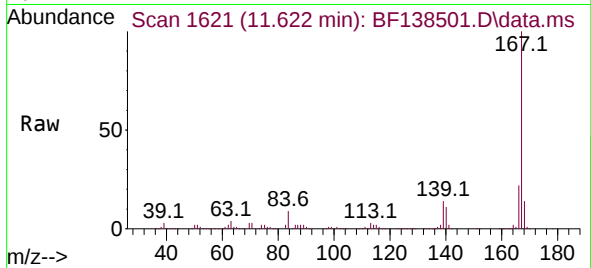
Tgt Ion:178 Resp: 1156364
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 43.679 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF138501.D
 Acq: 10 Jul 2024 15:00

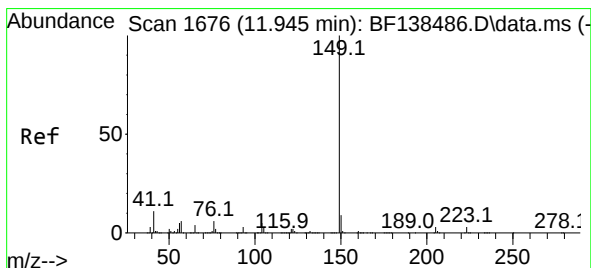
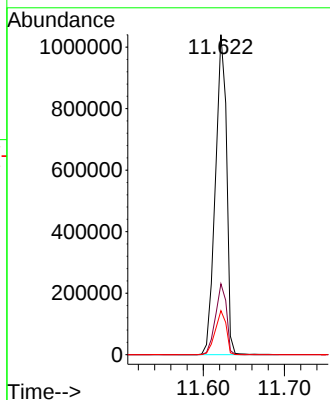
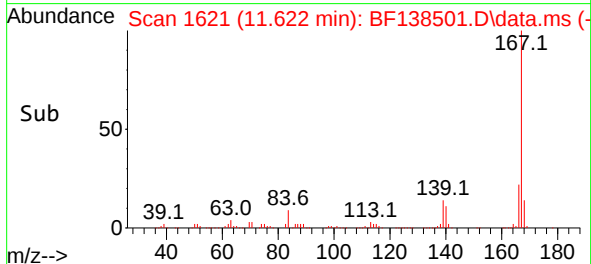
Instrument :
 BNA_F
 ClientSampleId :
 PB161962BS



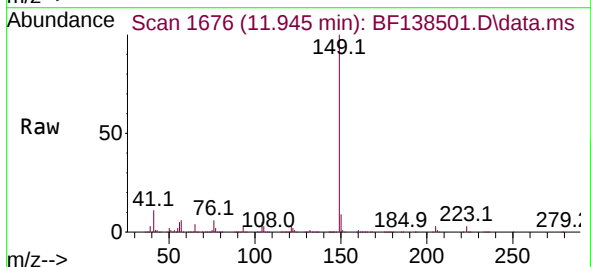
Tgt Ion:167 Resp: 996295
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.8 11.0 16.4

Manual Integrations
 APPROVED

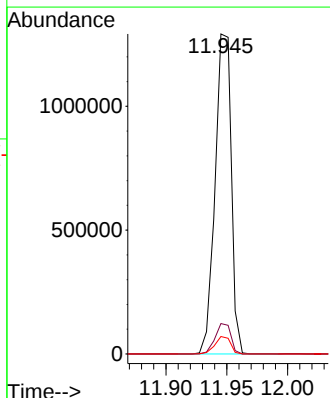
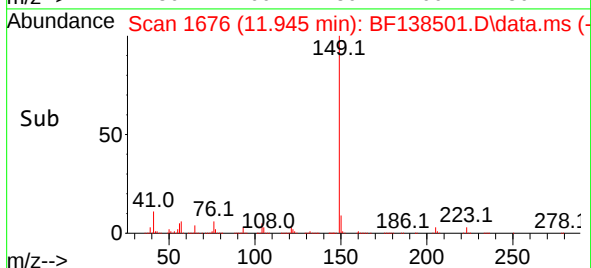
Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

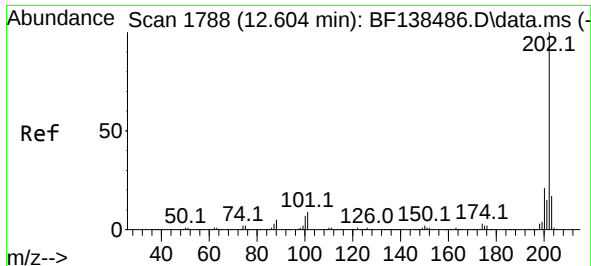


#74
 Di-n-butylphthalate
 Concen: 45.495 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF138501.D
 Acq: 10 Jul 2024 15:00



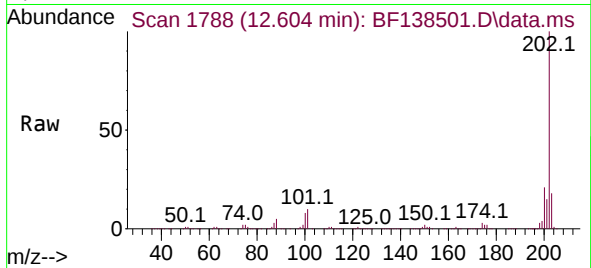
Tgt Ion:149 Resp: 1196160
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 43.220 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

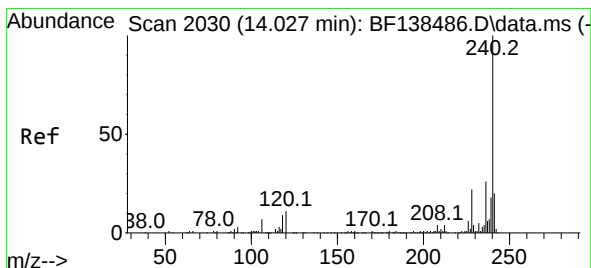
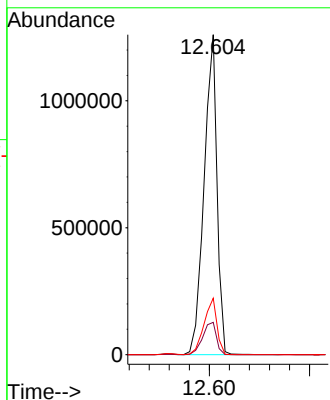
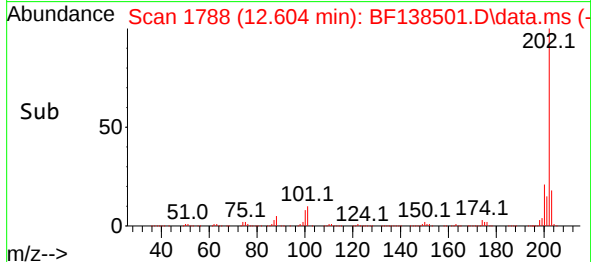
Instrument :
BNA_F
ClientSampleId :
PB161962BS



Tgt Ion:202 Resp: 1127620
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.2
203 17.7 0.0 37.3

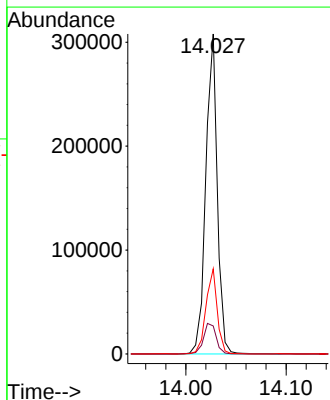
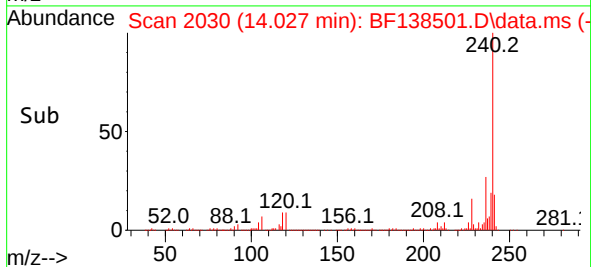
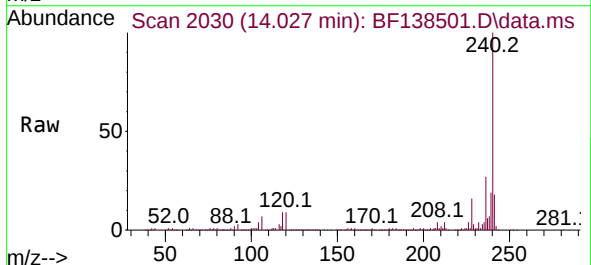
Manual Integrations
APPROVED

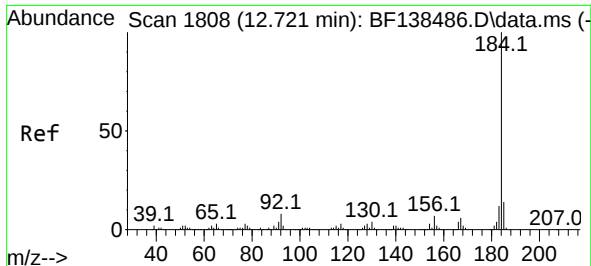
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

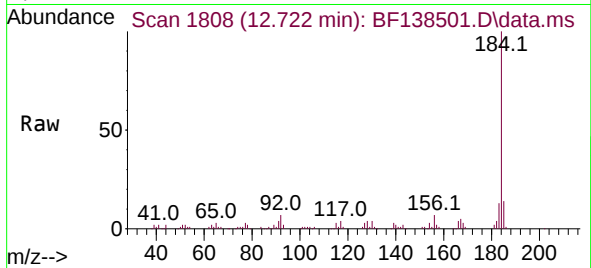
Tgt Ion:240 Resp: 246148
Ion Ratio Lower Upper
240 100
120 8.7 8.6 12.8
236 26.6 21.0 31.6





#77
Benzidine
Concen: 9.303 ng
RT: 12.722 min Scan# 1808
Delta R.T. 0.001 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

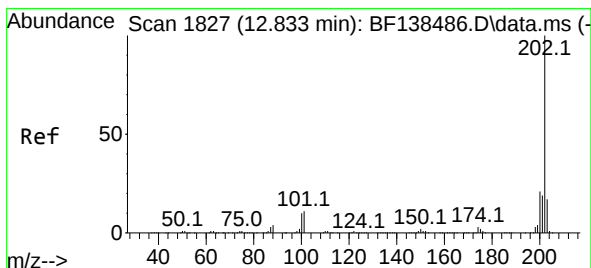
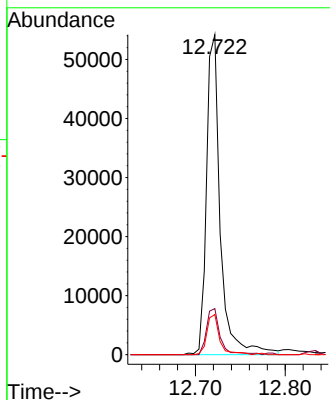
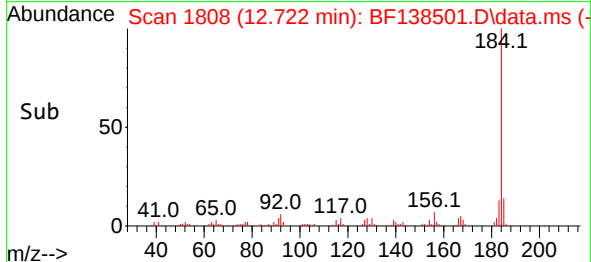
Instrument :
BNA_F
ClientSampleId :
PB161962BS



Tgt Ion:184 Resp: 57772
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 12.5 9.5 14.3

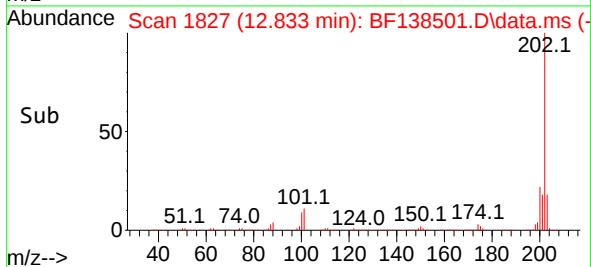
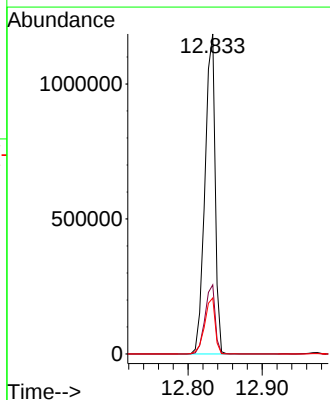
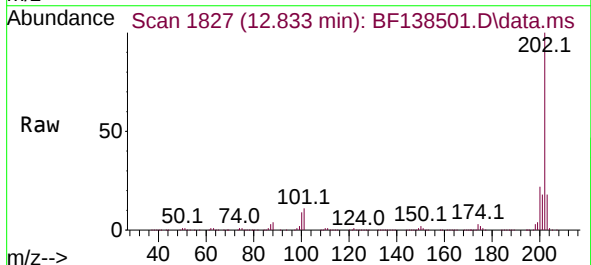
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#78
Pyrene
Concen: 45.495 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion:202 Resp: 1136809
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 17.5 13.7 20.5





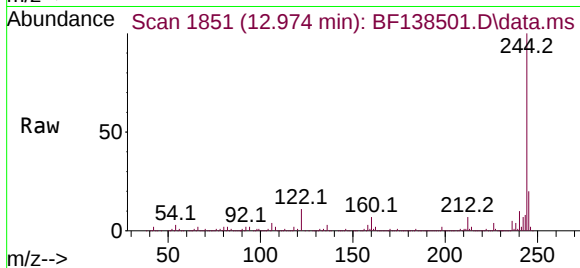
#79
 Terphenyl-d14
 Concen: 101.482 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF138501.D
 Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS



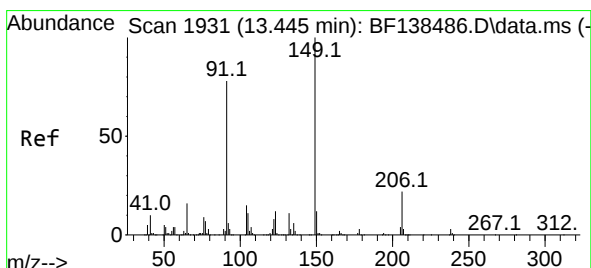
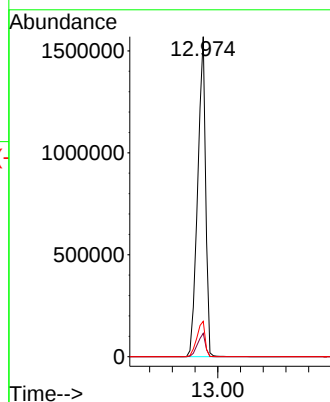
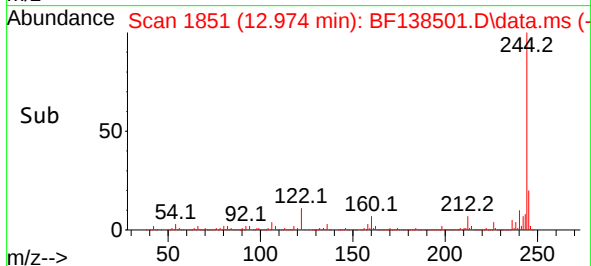
Tgt Ion:244 Resp: 153332
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 11.0 7.8 11.8

Manual Integrations

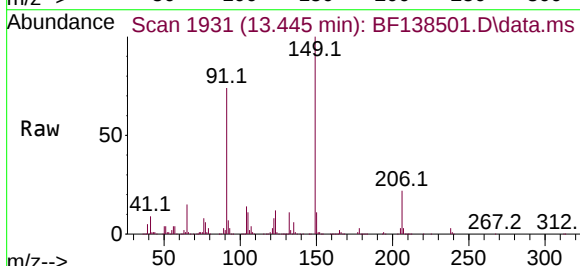
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

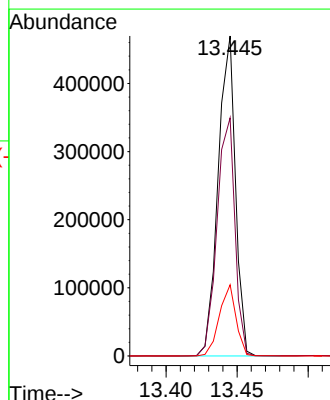
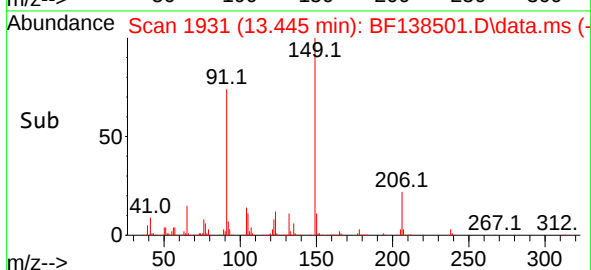
Supervised By :mohammad ahmed 07/11/2024

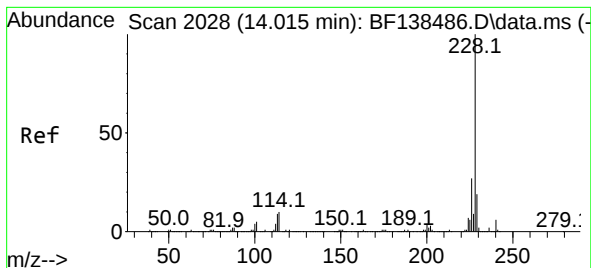


#80
 Butylbenzylphthalate
 Concen: 52.918 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: BF138501.D
 Acq: 10 Jul 2024 15:00



Tgt Ion:149 Resp: 397768
 Ion Ratio Lower Upper
 149 100
 91 74.4 62.1 93.1
 206 22.3 18.0 27.0





#81

Benzo(a)anthracene

Concen: 45.819 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF138501.D

Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS

Tgt Ion:228 Resp: 756770

Ion Ratio Lower Upper

228 100

226 27.6 21.9 32.9

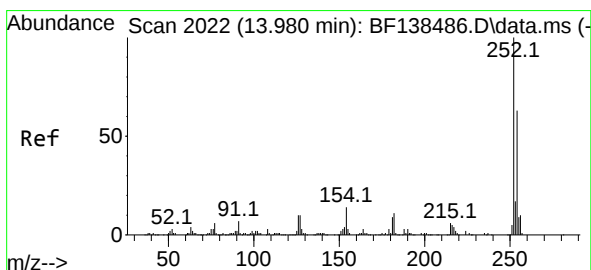
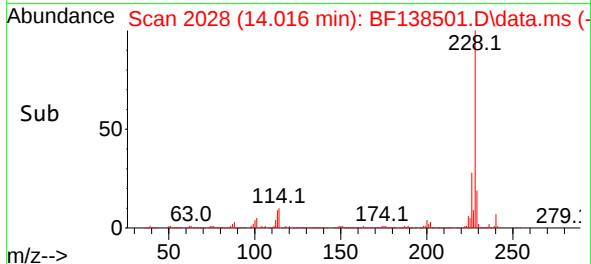
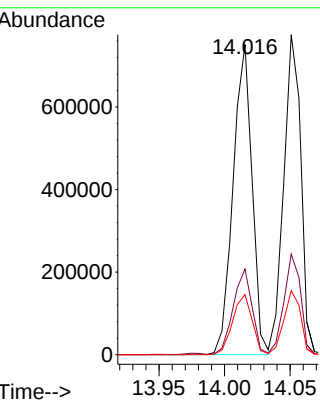
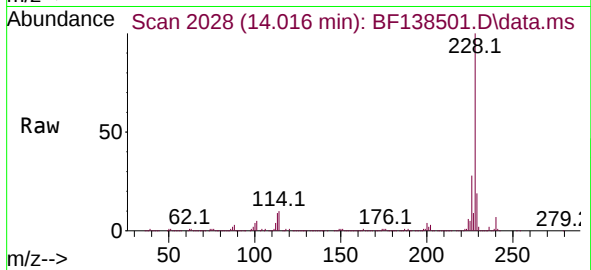
229 19.4 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.221 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138501.D

Acq: 10 Jul 2024 15:00

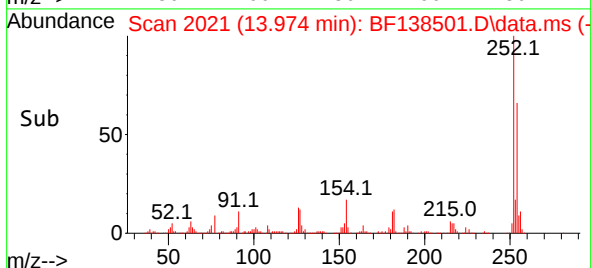
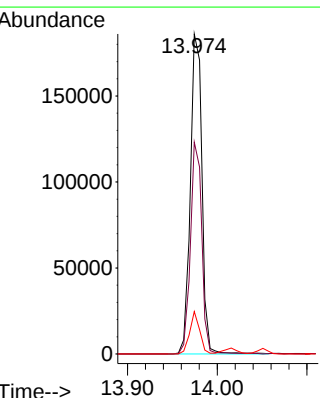
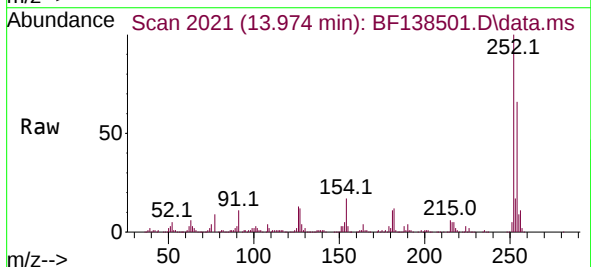
Tgt Ion:252 Resp: 166921

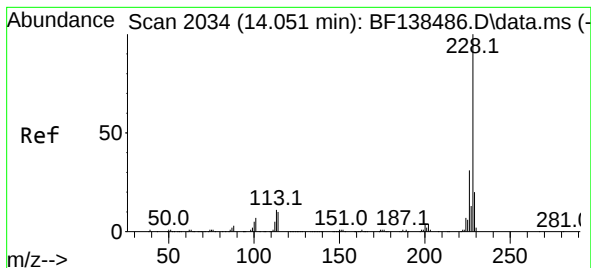
Ion Ratio Lower Upper

252 100

254 66.2 50.3 75.5

126 13.2 8.1 12.1#





#83

Chrysene

Concen: 45.014 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138501.D

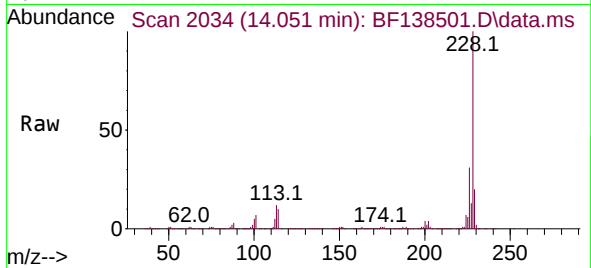
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS



Tgt Ion:228 Resp: 703324

Ion Ratio Lower Upper

228 100

226 31.4 24.4 36.6

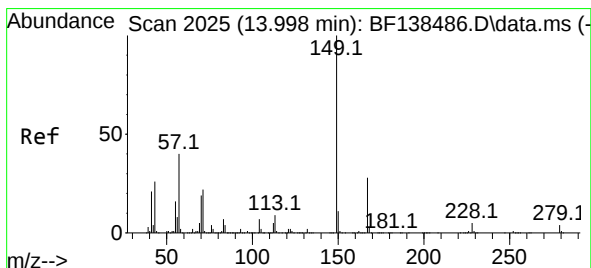
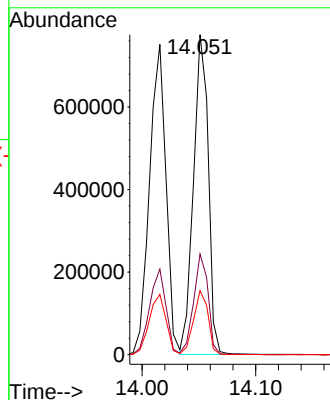
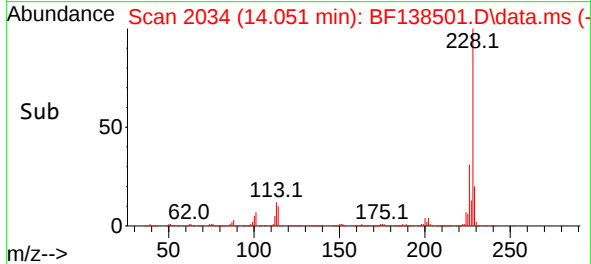
229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.712 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138501.D

Acq: 10 Jul 2024 15:00

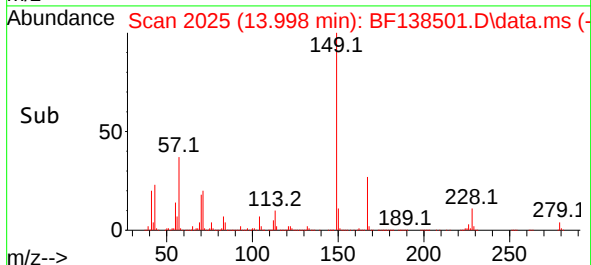
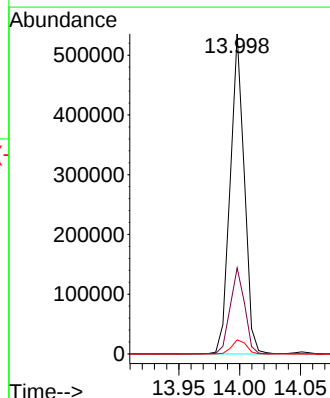
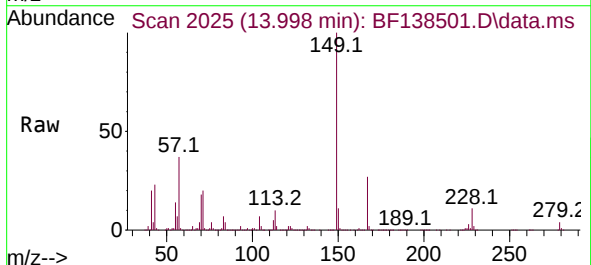
Tgt Ion:149 Resp: 430592

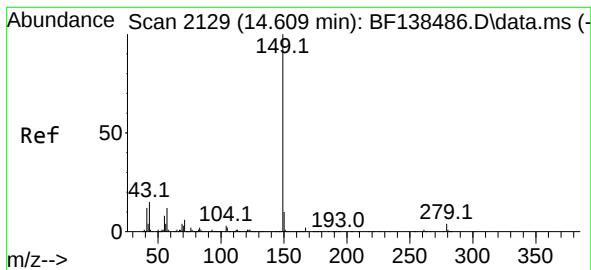
Ion Ratio Lower Upper

149 100

167 26.9 22.5 33.7

279 4.4 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 47.397 ng
RT: 14.610 min Scan# 2129
Delta R.T. 0.001 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

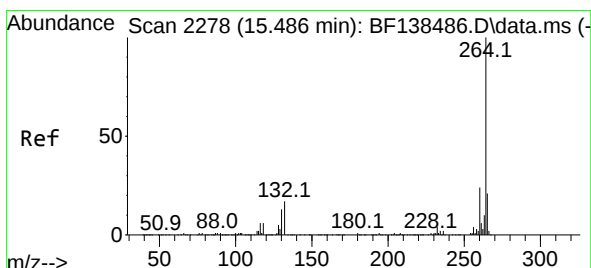
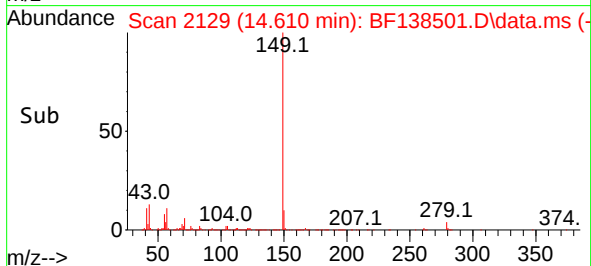
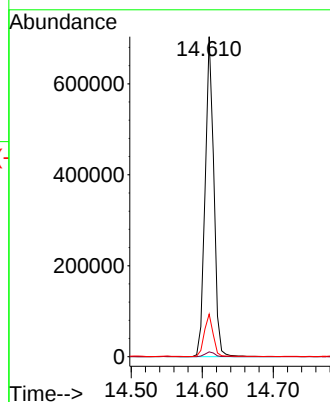
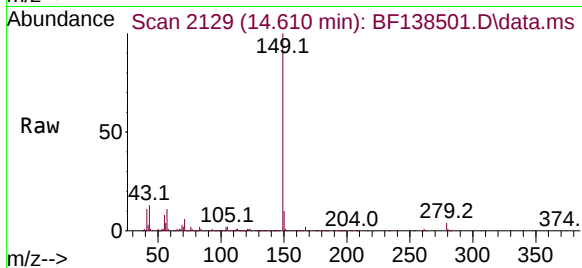
PB161962BS

Tgt Ion:149 Resp: 60025
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.5 10.7 16.1

Manual Integrations

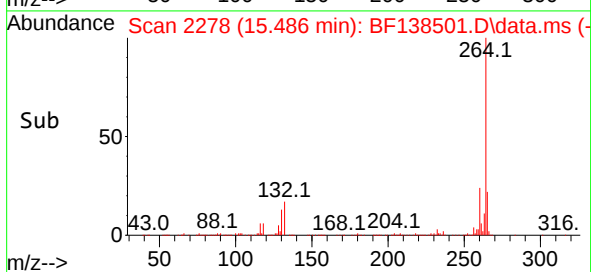
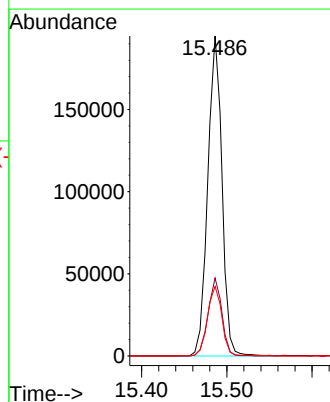
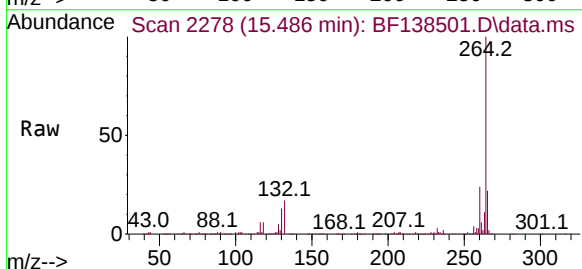
APPROVED

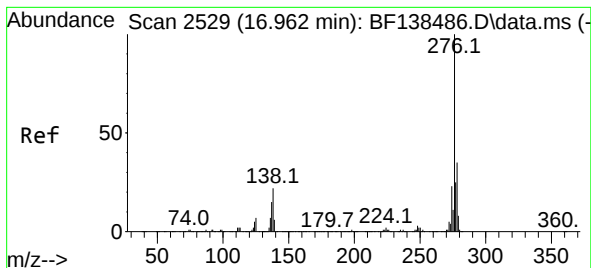
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

Tgt Ion:264 Resp: 225166
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.766 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138501.D

Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

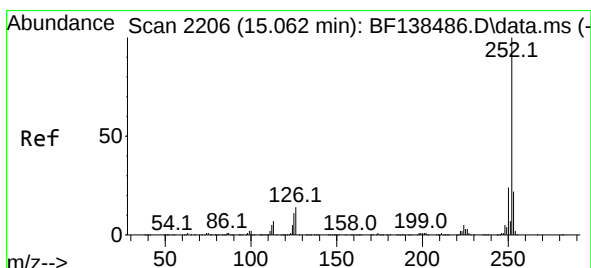
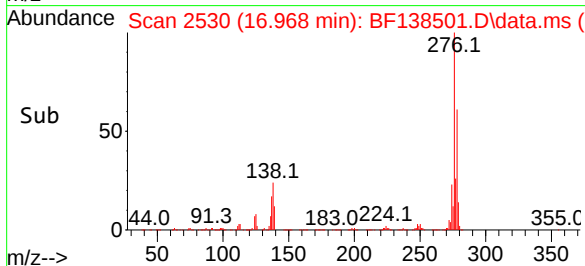
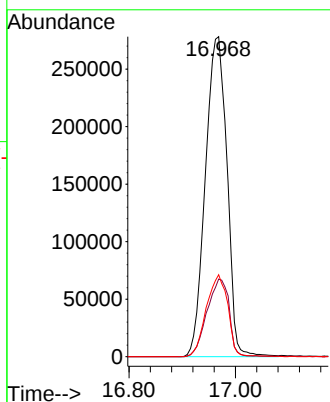
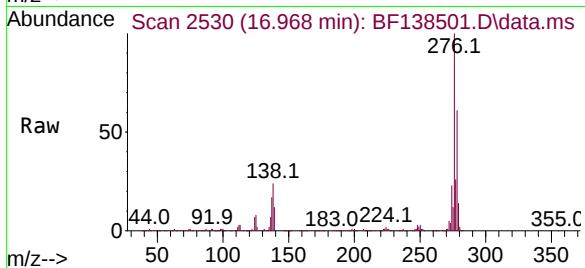
PB161962BS

Tgt Ion:	276	Resp:	782934
Ion Ratio	Lower	Upper	
276	100		
138	24.8	19.6	29.4
277	25.6	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#88

Benzo(b)fluoranthene

Concen: 47.770 ng

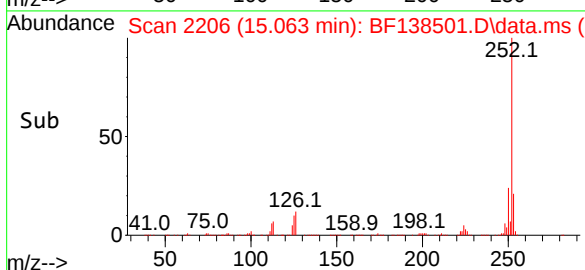
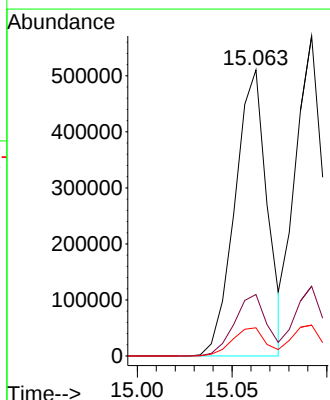
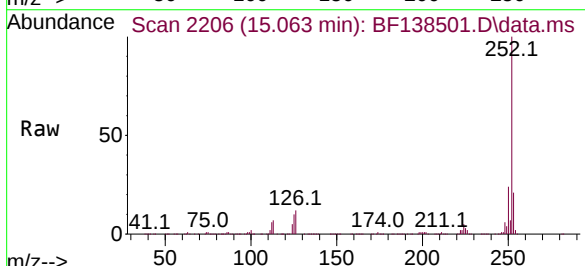
RT: 15.063 min Scan# 2206

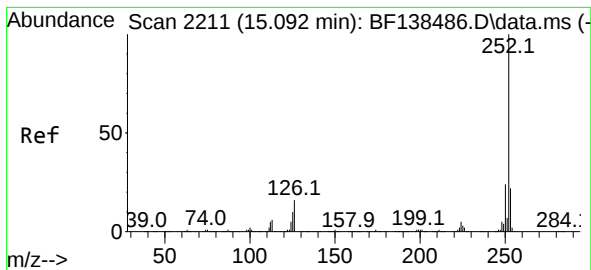
Delta R.T. 0.000 min

Lab File: BF138501.D

Acq: 10 Jul 2024 15:00

Tgt Ion:	252	Resp:	605757
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.3	25.9
125	9.8	8.6	13.0





#89

Benzo(k)fluoranthene

Concen: 46.655 ng

RT: 15.092 min Scan# 211

Delta R.T. 0.000 min

Lab File: BF138501.D

Acq: 10 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161962BS

Tgt Ion:252 Resp: 57699

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

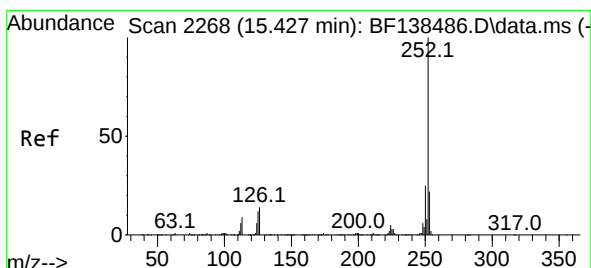
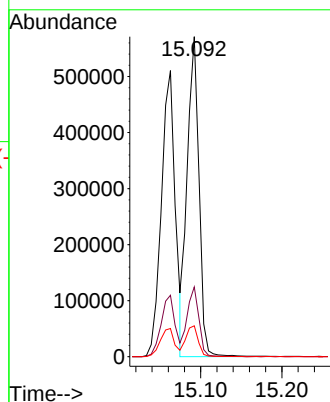
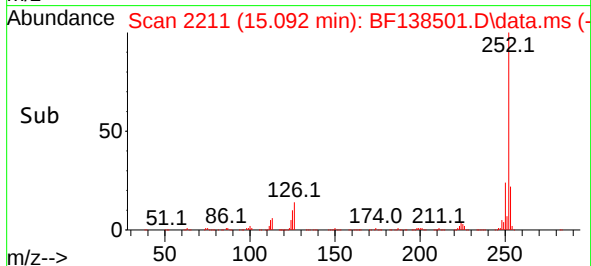
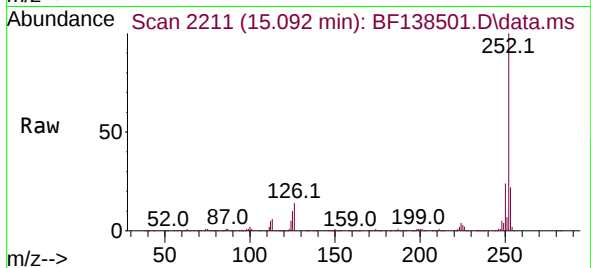
125 9.7 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#90

Benzo(a)pyrene

Concen: 50.970 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF138501.D

Acq: 10 Jul 2024 15:00

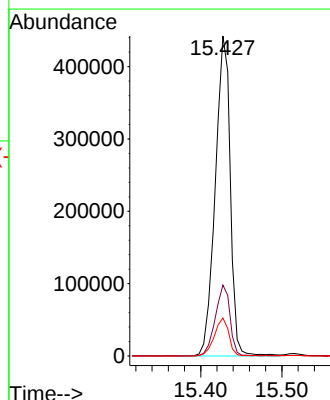
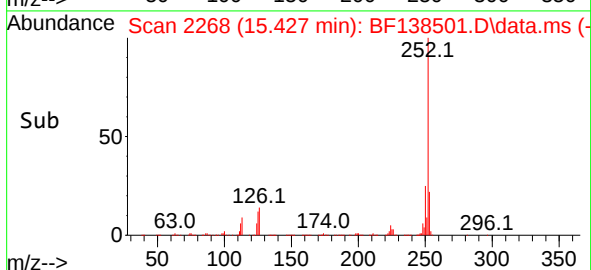
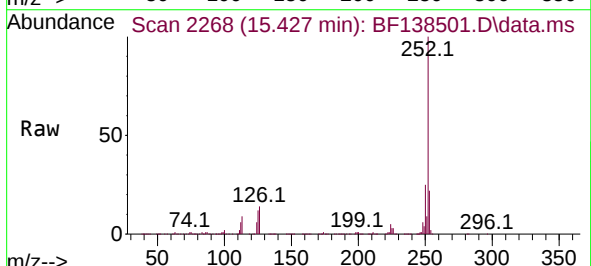
Tgt Ion:252 Resp: 567774

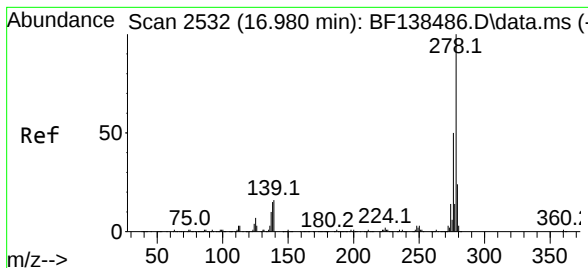
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

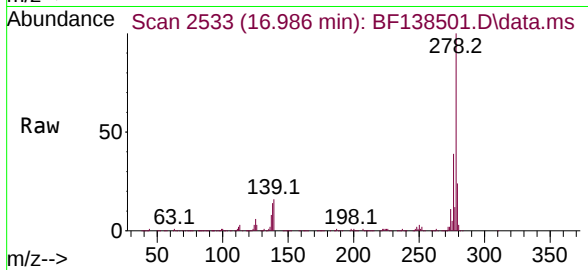
125 11.8 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 51.384 ng
RT: 16.986 min Scan# 2532
Delta R.T. 0.006 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00

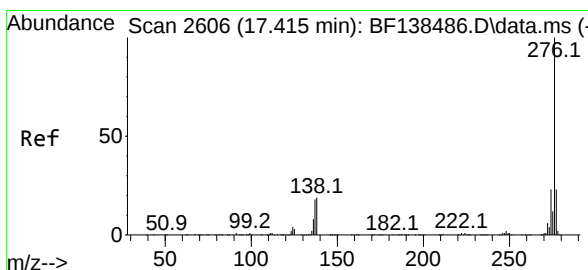
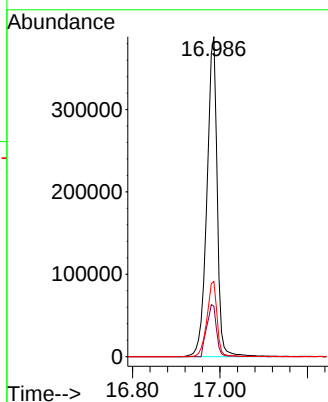
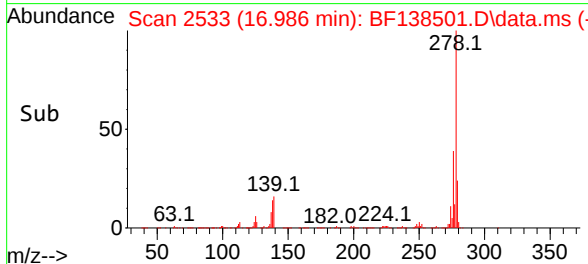
Instrument :
BNA_F
ClientSampleId :
PB161962BS



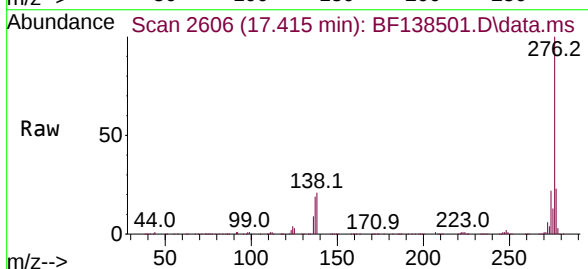
Tgt Ion:278 Resp: 63572
Ion Ratio Lower Upper
278 100
139 15.8 12.8 19.2
279 23.5 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#92
Benzo(g,h,i)perylene
Concen: 47.690 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.000 min
Lab File: BF138501.D
Acq: 10 Jul 2024 15:00



Tgt Ion:276 Resp: 625654
Ion Ratio Lower Upper
276 100
277 23.1 18.0 27.0
138 21.4 15.5 23.3

