

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138204.D
 Acq On : 17 Jun 2024 15:00
 Operator : CG\JU
 Sample : PB161522BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161522BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2024
 Supervised By :mohammad ahmed 06/19/2024

Quant Time: Jun 17 15:33:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	451400	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1800975	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	964400	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1644461	20.000	ng	0.00
76) Chrysene-d12	14.051	240	934440	20.000	ng	0.00
86) Perylene-d12	15.521	264	861029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3105686	115.093	ng	0.02
7) Phenol-d6	6.528	99	3930064	114.857	ng	0.00
23) Nitrobenzene-d5	7.457	82	2420651	78.247	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1099534	114.525	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4313441	71.122	ng	0.00
79) Terphenyl-d14	12.998	244	4472417	75.805	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	395760	32.048	ng	100
3) Pyridine	3.534	79	960501	32.726	ng	99
4) n-Nitrosodimethylamine	3.498	42	564012	41.523	ng	95
6) Aniline	6.557	93	833587	24.898	ng	99
8) 2-Chlorophenol	6.681	128	1284872	44.042	ng	98
9) Benzaldehyde	6.445	77	588191	32.365	ng	99
10) Phenol	6.539	94	1517389m	43.698	ng	
11) bis(2-Chloroethyl)ether	6.634	93	1215617	43.741	ng	100
12) 1,3-Dichlorobenzene	6.834	146	1281279	38.645	ng	98
13) 1,4-Dichlorobenzene	6.910	146	1299335	38.943	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1267226	40.458	ng	100
15) Benzyl Alcohol	7.034	79	1042806	45.199	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1702691	43.411	ng	99
17) 2-Methylphenol	7.145	107	1008172	43.801	ng	99
18) Hexachloroethane	7.404	117	466302	41.253	ng	91
19) n-Nitroso-di-n-propyla...	7.310	70	877018	43.240	ng	99
20) 3+4-Methylphenols	7.298	107	1200806	41.449	ng	96
22) Acetophenone	7.304	105	1667333	40.527	ng	96
24) Nitrobenzene	7.481	77	1290397	40.358	ng	93
25) Isophorone	7.716	82	2364290	42.252	ng	99
26) 2-Nitrophenol	7.792	139	616904	47.982	ng	97
27) 2,4-Dimethylphenol	7.828	122	888100m	45.403	ng	
28) bis(2-Chloroethoxy)met...	7.928	93	1482843	42.333	ng	100
29) 2,4-Dichlorophenol	8.028	162	1048720	41.644	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	1148993	38.688	ng	98
31) Naphthalene	8.198	128	3470567	38.972	ng	99
32) Benzoic acid	7.957	122	741934	43.036	ng	97
33) 4-Chloroaniline	8.245	127	702935	21.119	ng	99
34) Hexachlorobutadiene	8.316	225	648543	37.338	ng	99
35) Caprolactam	8.616	113	349606m	45.984	ng	
36) 4-Chloro-3-methylphenol	8.728	107	1081563	43.135	ng	99
37) 2-Methylnaphthalene	8.886	142	2333474	39.926	ng	100
38) 1-Methylnaphthalene	8.986	142	2152335	37.580	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	1109374	39.365	ng	99
41) Hexachlorocyclopentadiene	9.039	237	879524	95.713	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	759528	43.043	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	797611	41.160	ng	99
46) 1,1'-Biphenyl	9.351	154	2812345	39.741	ng	99
47) 2-Chloronaphthalene	9.380	162	2197280	39.288	ng	99
48) 2-Nitroaniline	9.475	65	656179	48.719	ng	97
49) Acenaphthylene	9.792	152	3325382	42.403	ng	99
50) Dimethylphthalate	9.657	163	2514288	42.551	ng	100
51) 2,6-Dinitrotoluene	9.716	165	571898	44.613	ng	92
52) Acenaphthene	9.963	154	2287588	42.777	ng	99
53) 3-Nitroaniline	9.880	138	448052	32.718	ng	98
54) 2,4-Dinitrophenol	9.992	184	522483	80.162	ng	# 87
55) Dibenzofuran	10.139	168	2991308	40.014	ng	99
56) 4-Nitrophenol	10.045	139	990914	91.565	ng	96
57) 2,4-Dinitrotoluene	10.116	165	757190	47.891	ng	# 83
58) Fluorene	10.480	166	2268099	38.588	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	653500	43.151	ng	98
60) Diethylphthalate	10.357	149	2400025	42.795	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	1146292	39.158	ng	96
62) 4-Nitroaniline	10.504	138	564086	41.227	ng	97
63) Azobenzene	10.633	77	2399213	42.702	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	357311	43.415	ng	99
66) n-Nitrosodiphenylamine	10.592	169	2060139	40.920	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	755743	40.784	ng	96
68) Hexachlorobenzene	11.021	284	853441	39.466	ng	95
69) Atrazine	11.116	200	672993	46.931	ng	99
70) Pentachlorophenol	11.216	266	995704	78.951	ng	99
71) Phenanthrene	11.445	178	3306053	40.653	ng	99
72) Anthracene	11.492	178	3297017	40.833	ng	98
73) Carbazole	11.645	167	2985462	40.313	ng	99
74) Di-n-butylphthalate	11.974	149	3316271	43.255	ng	99
75) Fluoranthene	12.627	202	3253913	39.238	ng	97
77) Benzidine	12.745	184	91560	8.471	ng	99
78) Pyrene	12.857	202	3299707	40.939	ng	98
80) Butylbenzylphthalate	13.474	149	1164936	53.135	ng	96
81) Benzo(a)anthracene	14.039	228	2524113	42.104	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	663425	40.186	ng	100
83) Chrysene	14.080	228	2453097	42.930	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1387831	54.427	ng	98
85) Di-n-octyl phthalate	14.645	149	2076344	54.811	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	2835718	50.520	ng	98
88) Benzo(b)fluoranthene	15.092	252	2310922	45.512	ng	98
89) Benzo(k)fluoranthene	15.121	252	2357111	47.368	ng	98
90) Benzo(a)pyrene	15.462	252	2158120	49.474	ng	97
91) Dibenzo(a,h)anthracene	17.033	278	2344173	50.880	ng	99
92) Benzo(g,h,i)perylene	17.462	276	2280579	47.848	ng	98

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

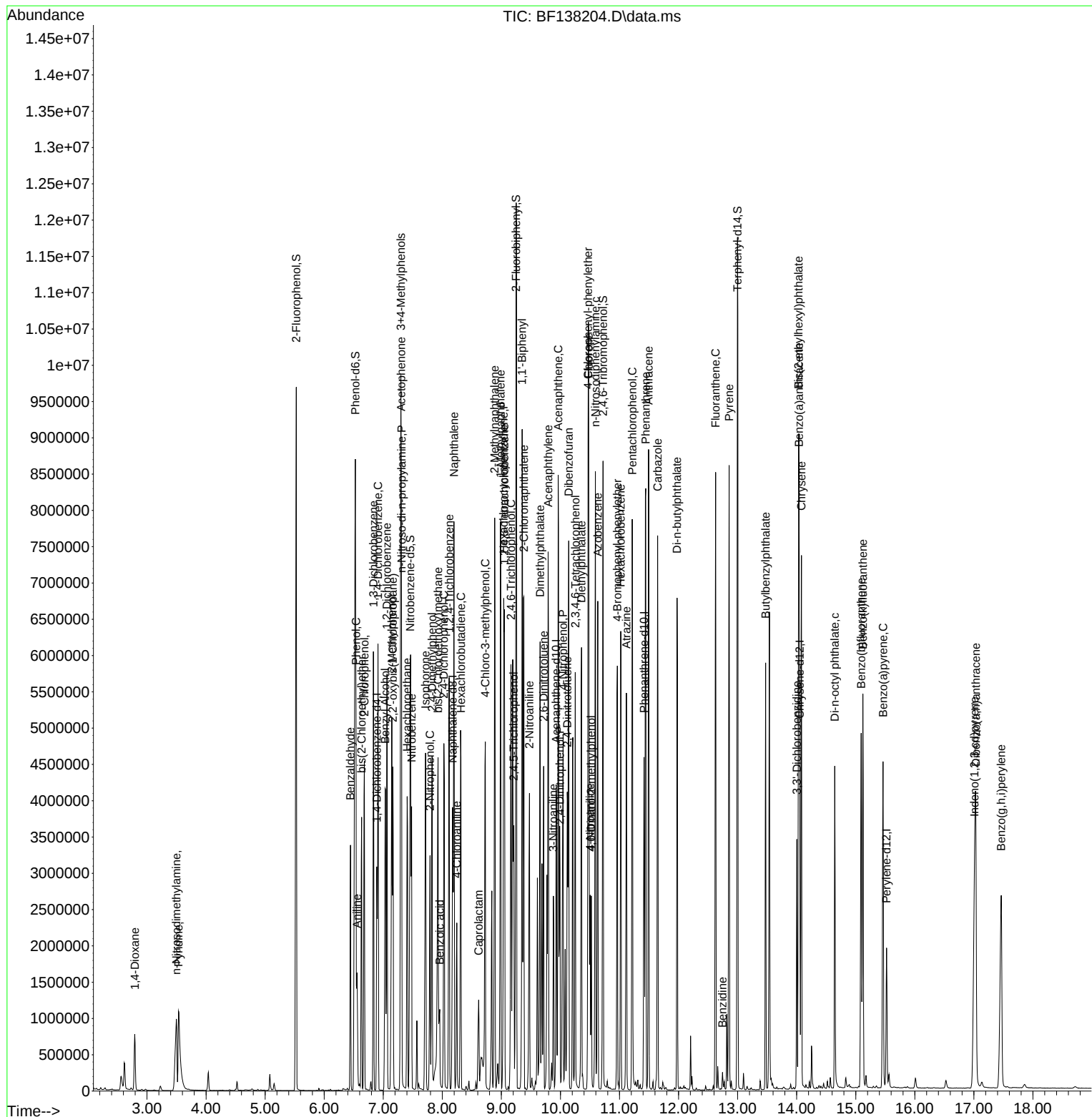
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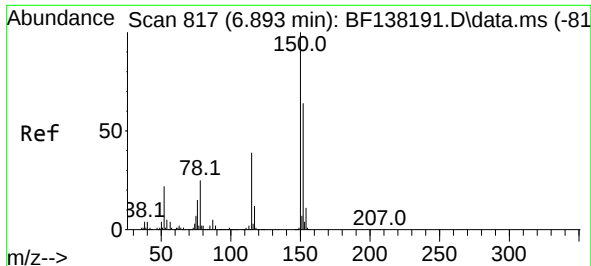
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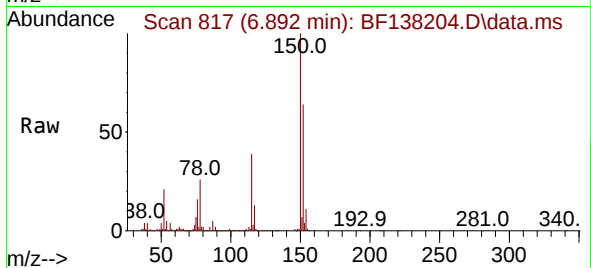
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

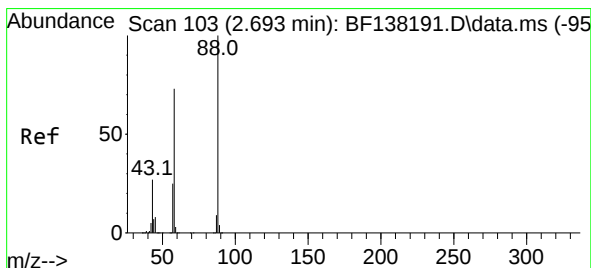
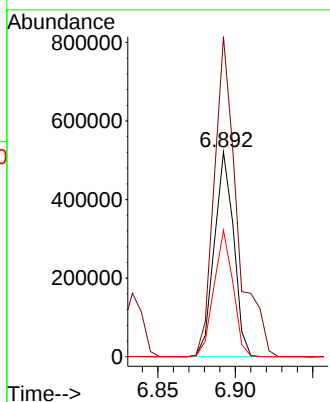
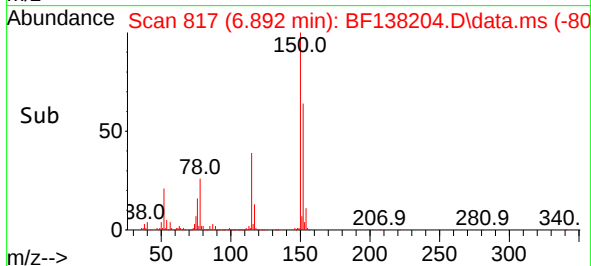
Instrument :
BNA_F
ClientSampleId :
PB161522BS



Tgt Ion:152 Resp: 451400
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.4
115 61.7 48.4 72.6

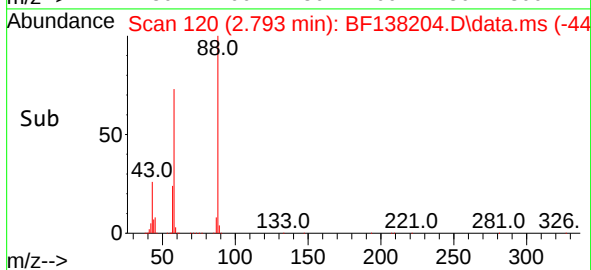
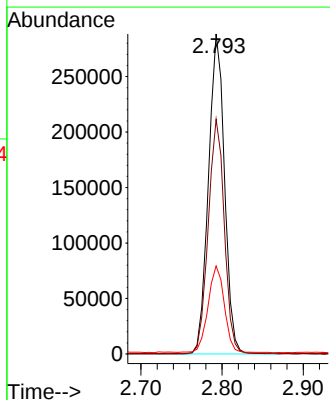
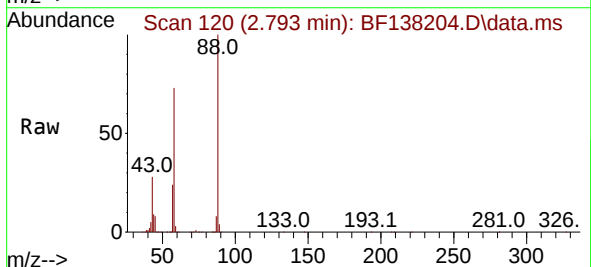
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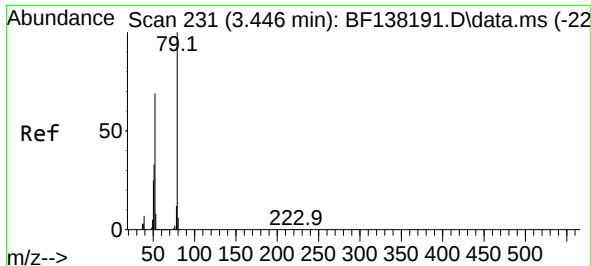
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#2
1,4-Dioxane
Concen: 32.048 ng
RT: 2.793 min Scan# 120
Delta R.T. 0.100 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion: 88 Resp: 395760
Ion Ratio Lower Upper
88 100
58 72.9 58.6 87.8
43 27.7 22.4 33.6





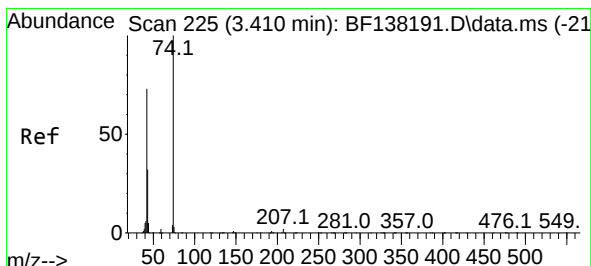
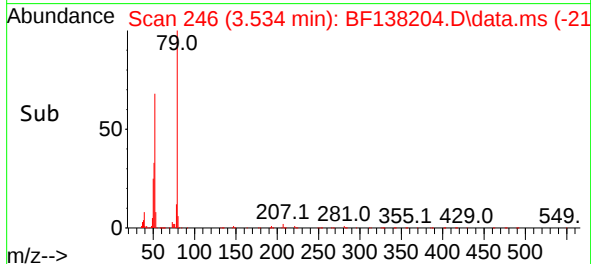
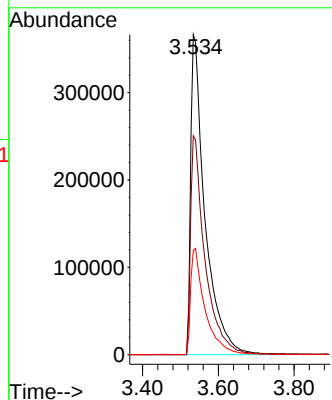
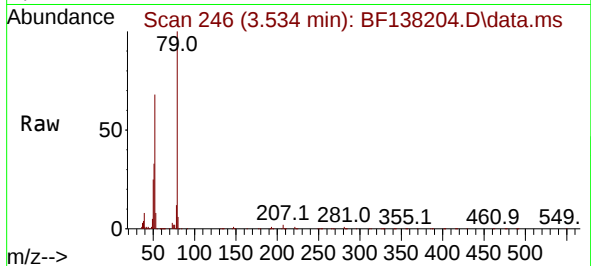
#3
Pyridine
Concen: 32.726 ng
RT: 3.534 min Scan# 24
Delta R.T. 0.088 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :
BNA_F
ClientSampleId :
PB161522BS

Tgt Ion: 79 Resp: 96050
Ion Ratio Lower Upper
79 100
52 68.4 55.0 82.4
51 32.5 26.9 40.3

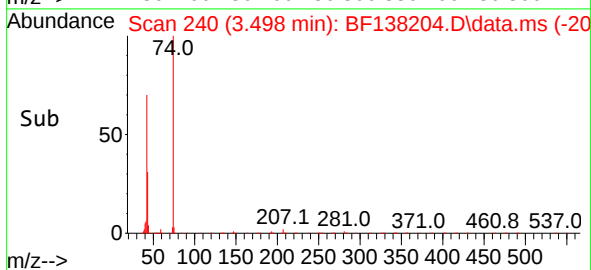
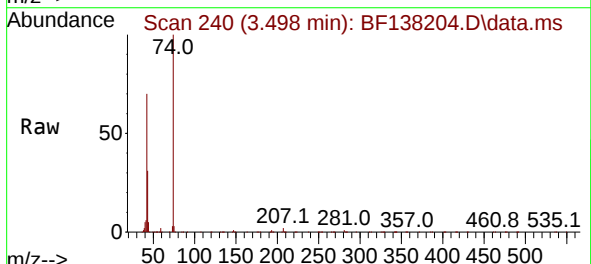
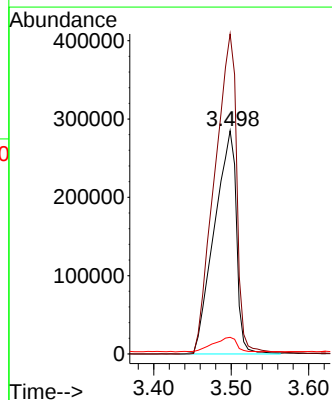
Manual Integrations
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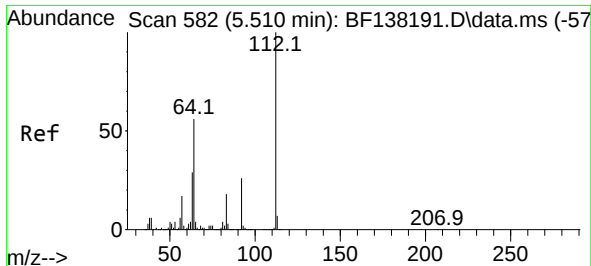
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#4
n-Nitrosodimethylamine
Concen: 41.523 ng
RT: 3.498 min Scan# 240
Delta R.T. 0.088 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion: 42 Resp: 564012
Ion Ratio Lower Upper
42 100
74 143.4 109.9 164.9
44 7.4 5.2 7.8





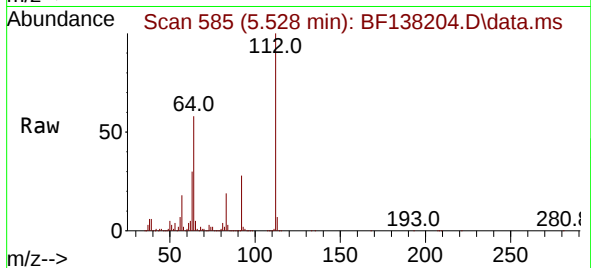
#5
2-Fluorophenol
Concen: 115.093 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

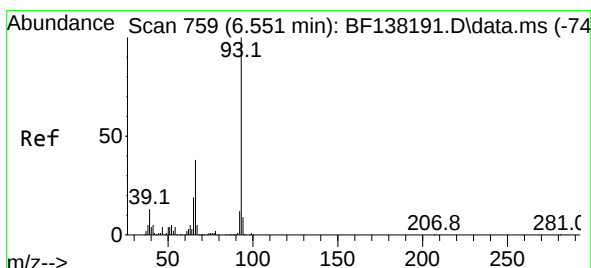
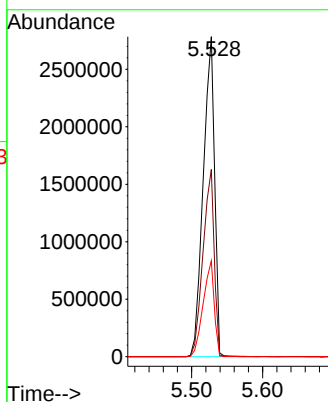
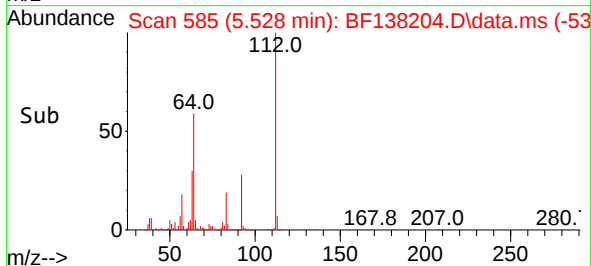


Tgt Ion:112 Resp: 310568
Ion Ratio Lower Upper
112 100
64 58.5 45.2 67.8
63 29.9 22.9 34.3

Manual Integrations

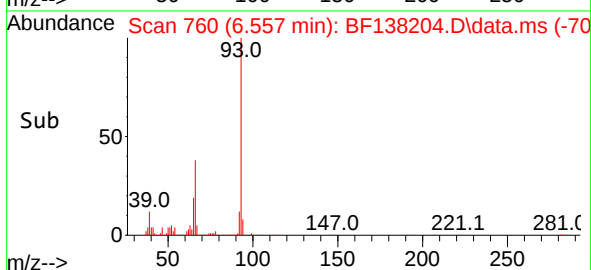
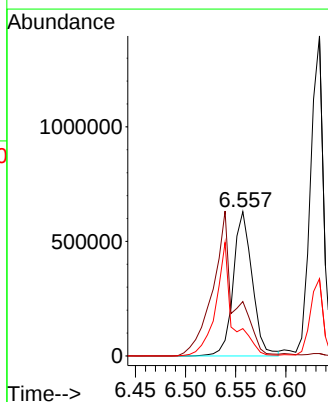
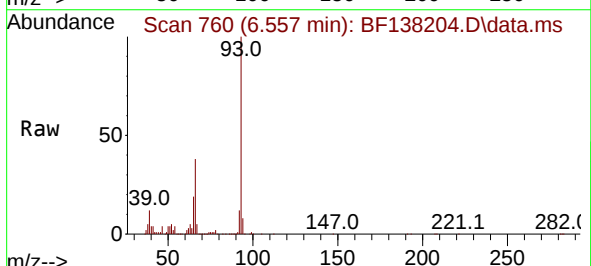
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#6
Aniline
Concen: 24.898 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion: 93 Resp: 833587
Ion Ratio Lower Upper
93 100
66 37.7 30.8 46.2
65 19.0 15.5 23.3





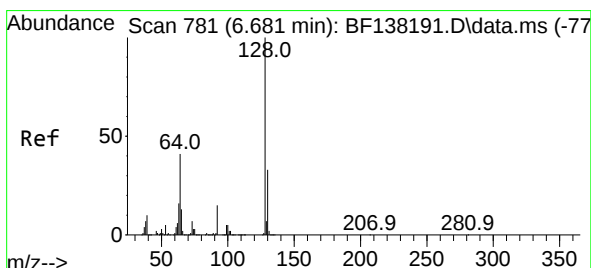
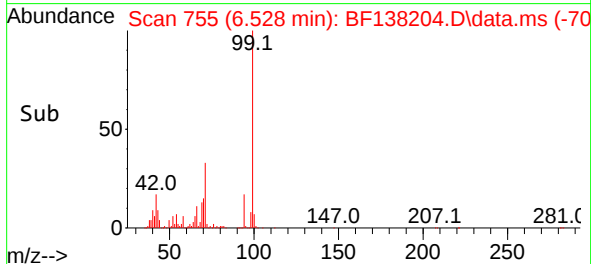
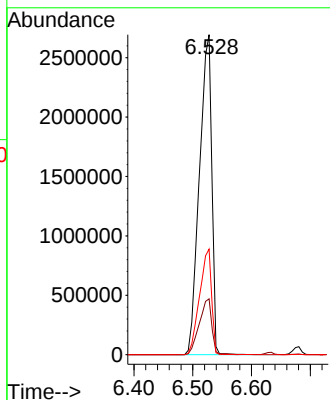
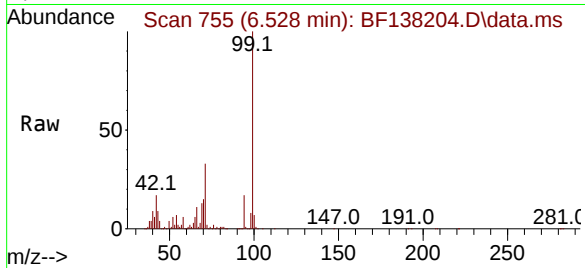
#7
Phenol-d6
Concen: 114.857 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :
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ClientSampleId :
PB161522BS

Tgt Ion: 99 Resp: 3930064
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 33.0 25.0 37.6

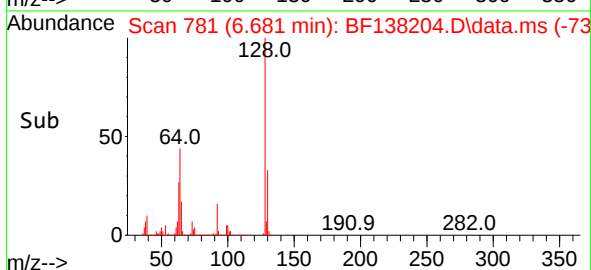
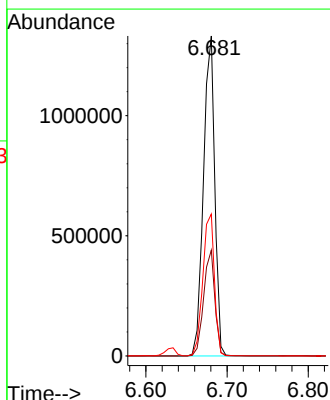
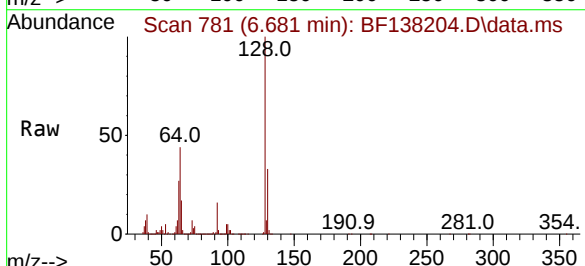
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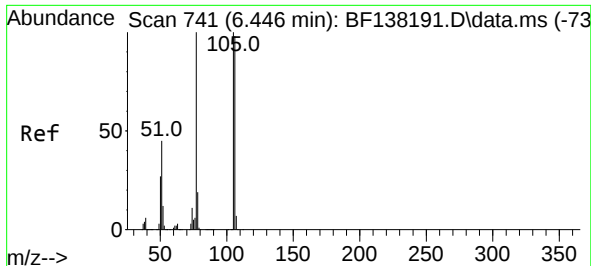
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#8
2-Chlorophenol
Concen: 44.042 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

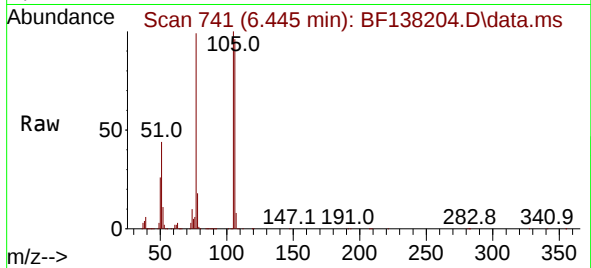
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Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 44.4 21.8 61.8





#9
Benzaldehyde
Concen: 32.365 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.001 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

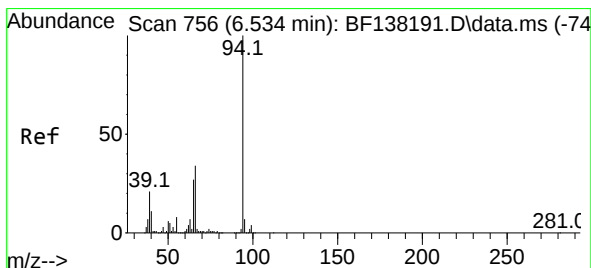
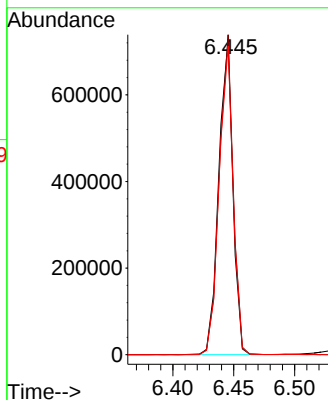
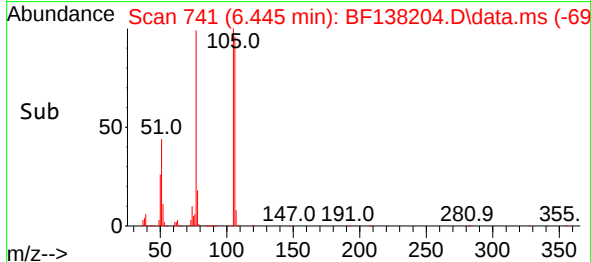
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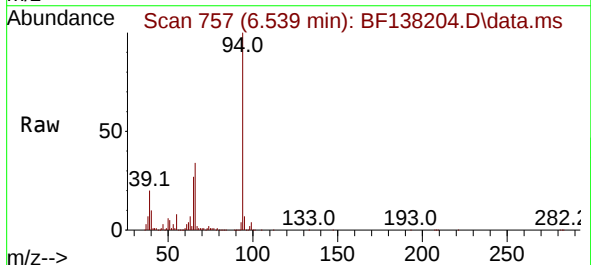
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Ion Ratio Lower Upper
77 100
105 101.3 80.1 120.1
106 97.7 77.8 117.8

Manual Integrations
APPROVED

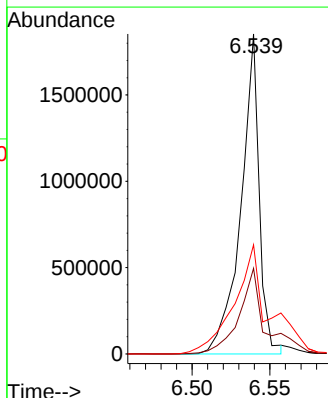
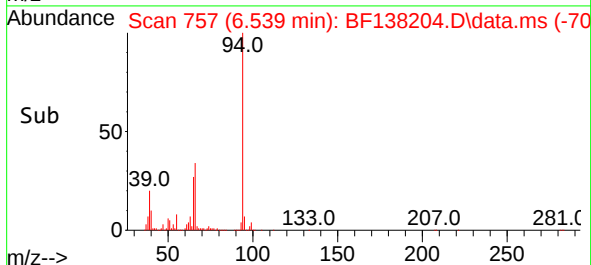
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

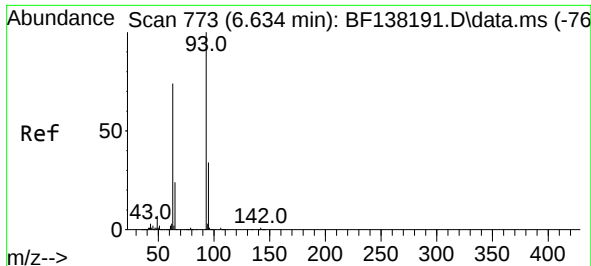


#10
Phenol
Concen: 43.698 ng m
RT: 6.539 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00



Tgt Ion: 94 Resp: 1517389
Ion Ratio Lower Upper
94 100
65 26.7 6.8 46.8
66 34.1 14.2 54.2





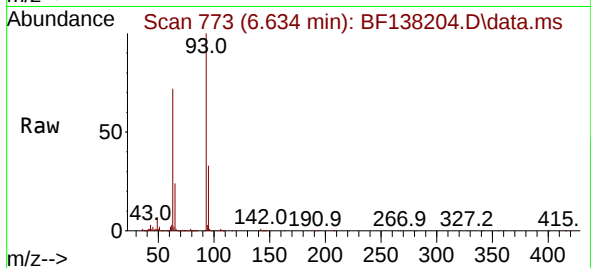
#11
bis(2-Chloroethyl)ether
Concen: 43.741 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

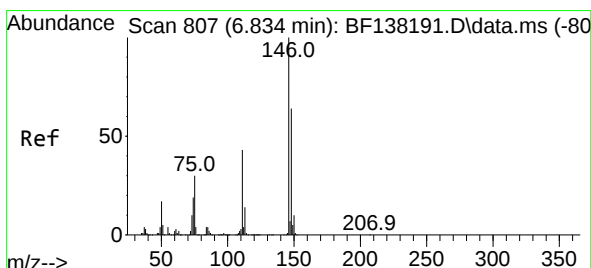
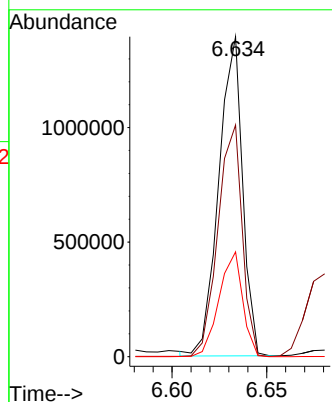
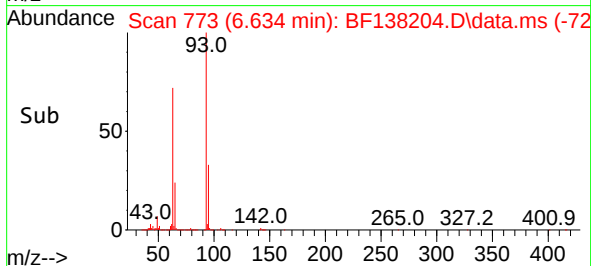


Tgt Ion: 93 Resp: 121561
Ion Ratio Lower Upper
93 100
63 72.4 52.5 92.5
95 32.8 13.2 53.2

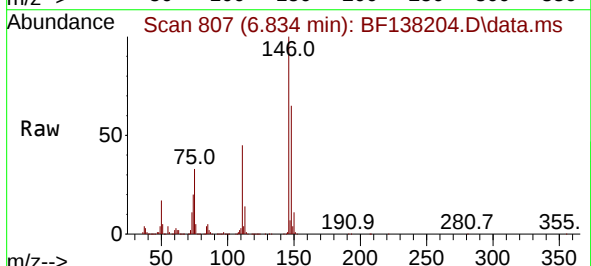
Manual Integrations

APPROVED

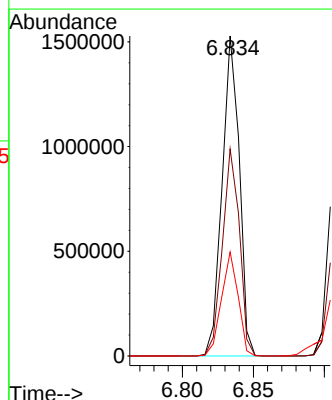
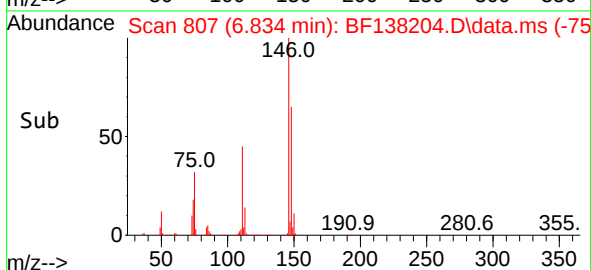
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

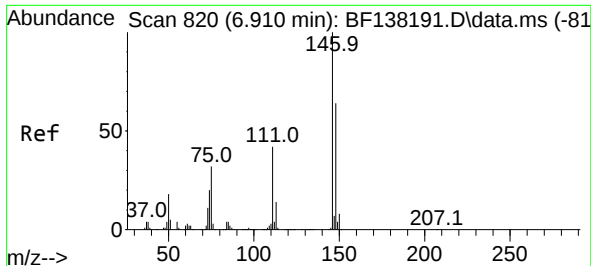


#12
1,3-Dichlorobenzene
Concen: 38.645 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00



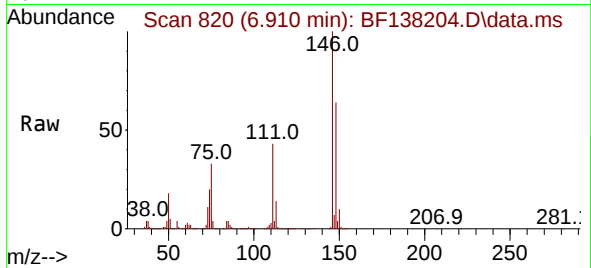
Tgt Ion:146 Resp: 1281279
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.6
75 32.5 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 38.943 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

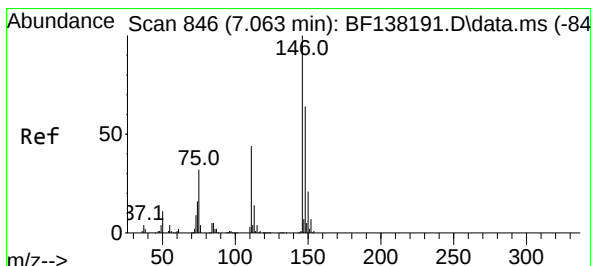
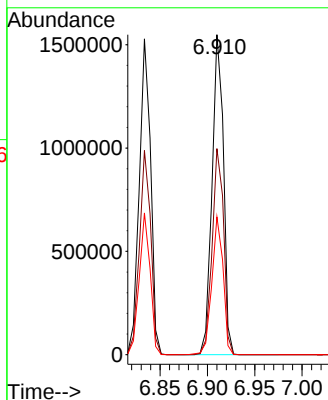
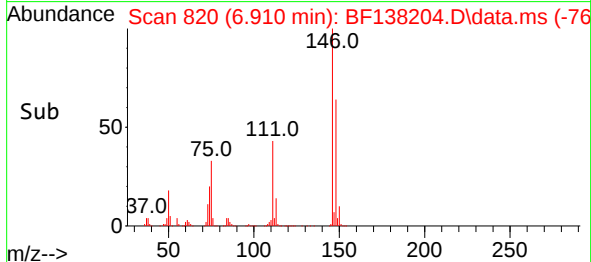
Instrument :
BNA_F
ClientSampleId :
PB161522BS



Tgt Ion:146 Resp: 129933
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 43.1 33.7 50.5

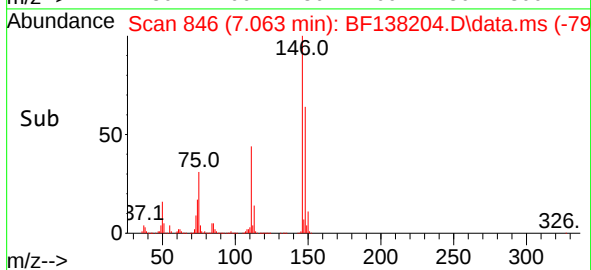
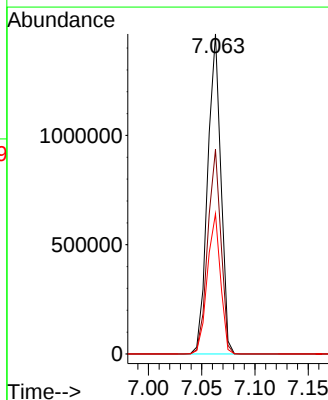
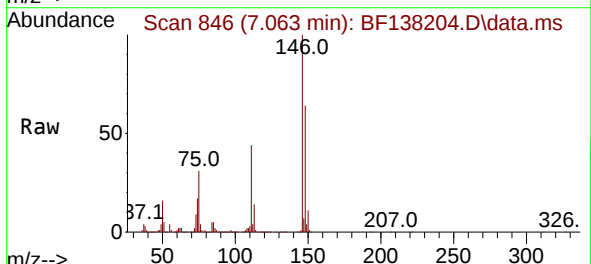
Manual Integrations
APPROVED

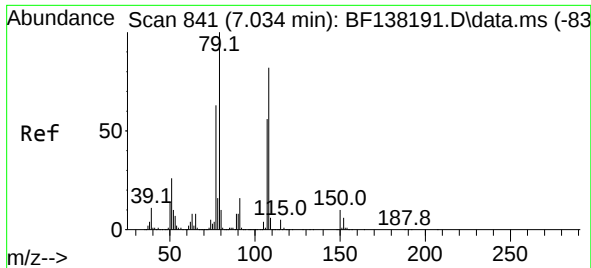
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#14
1,2-Dichlorobenzene
Concen: 40.458 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

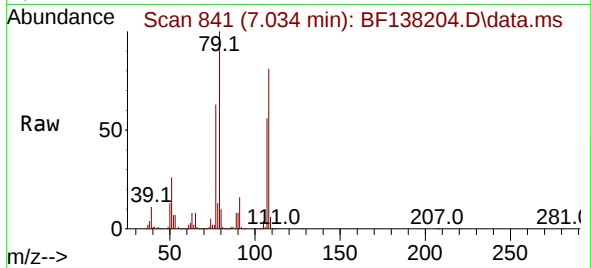
Tgt Ion:146 Resp: 1267226
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 43.8 35.4 53.2





#15
Benzyl Alcohol
Concen: 45.199 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

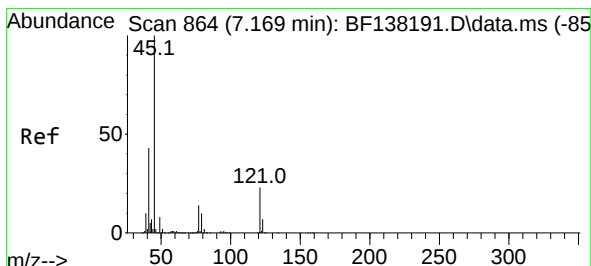
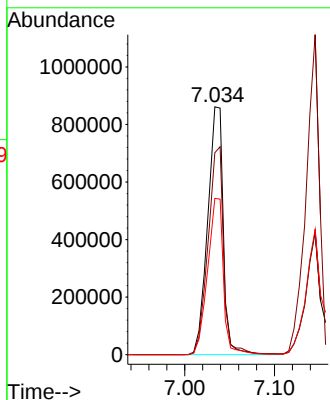
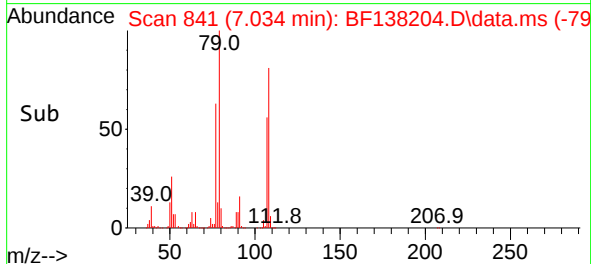
Instrument :
BNA_F
ClientSampleId :
PB161522BS



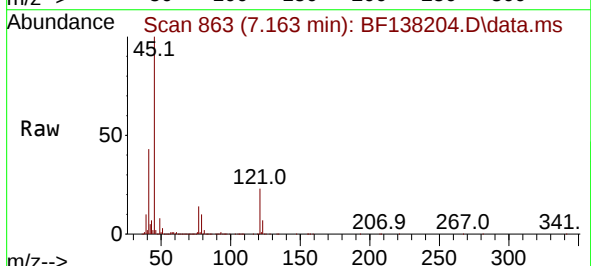
Tgt Ion: 79 Resp: 1042800
Ion Ratio Lower Upper
79 100
108 81.4 65.9 98.9
77 63.0 50.3 75.5

Manual Integrations
APPROVED

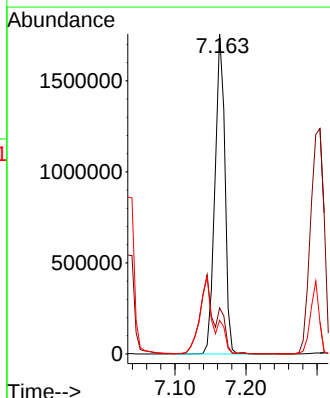
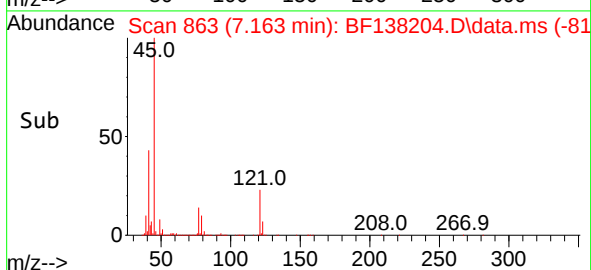
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

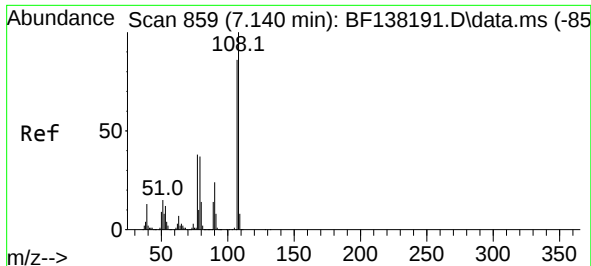


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.411 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00



Tgt Ion: 45 Resp: 1702691
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.9
79 10.5 0.0 30.7





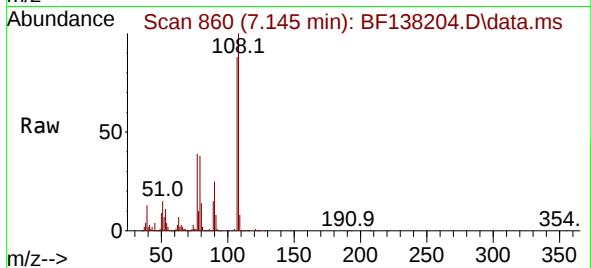
#17
2-Methylphenol
Concen: 43.801 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

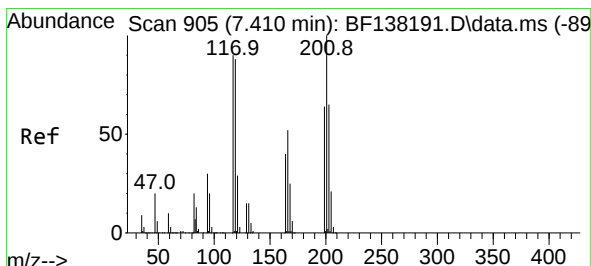
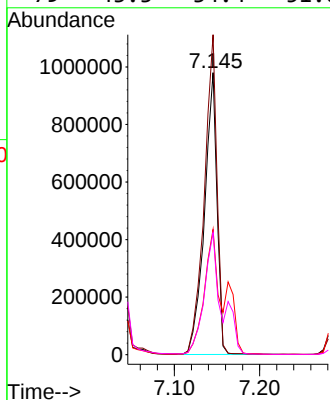
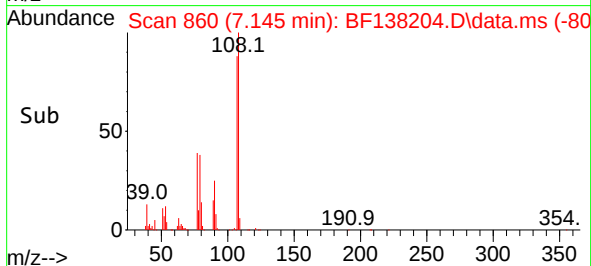


Tgt Ion:107 Resp: 1008172
Ion Ratio Lower Upper
107 100
108 113.5 92.7 139.1
77 44.4 35.7 53.5
79 43.3 34.4 51.6

Manual Integrations

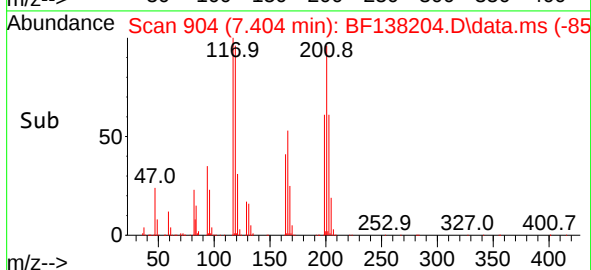
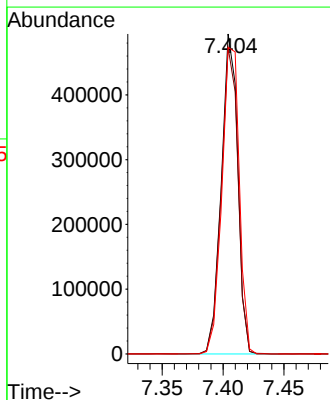
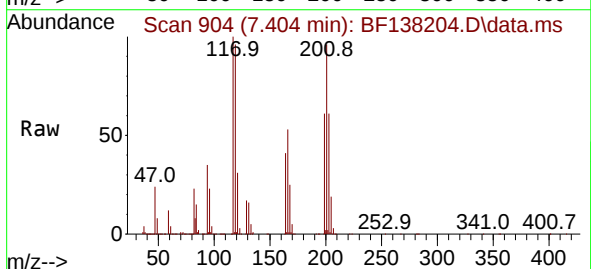
APPROVED

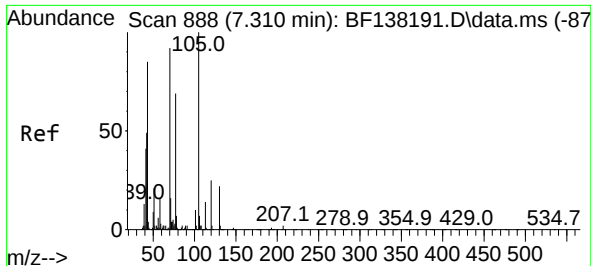
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#18
Hexachloroethane
Concen: 41.253 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion:117 Resp: 466302
Ion Ratio Lower Upper
117 100
119 95.8 78.4 117.6
201 95.8 89.0 133.6





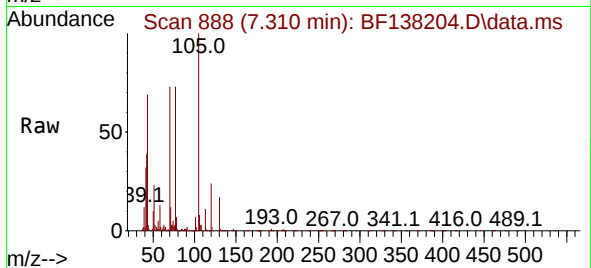
#19
n-Nitroso-di-n-propylamine
Concen: 43.240 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

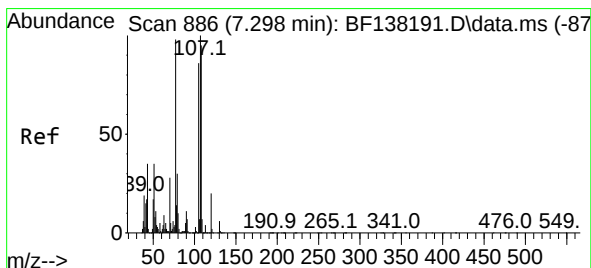
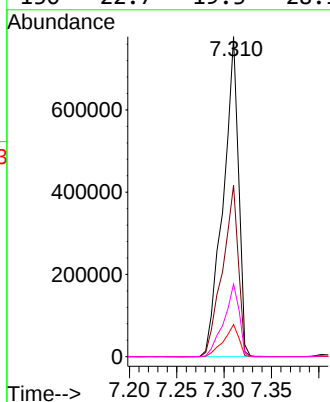
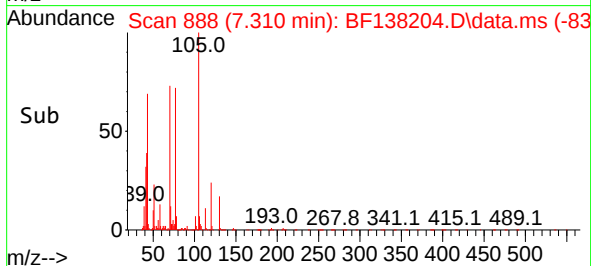


Tgt Ion: 70 Resp: 877018
Ion Ratio Lower Upper
70 100
42 53.6 42.8 64.2
101 10.0 8.4 12.6
130 22.7 19.3 28.9

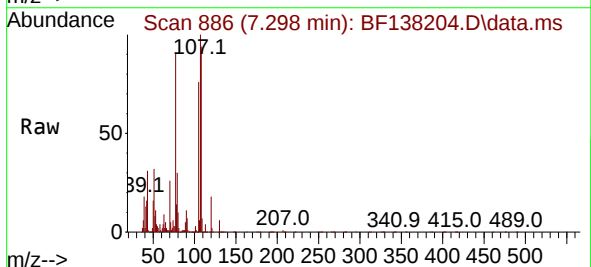
Manual Integrations

APPROVED

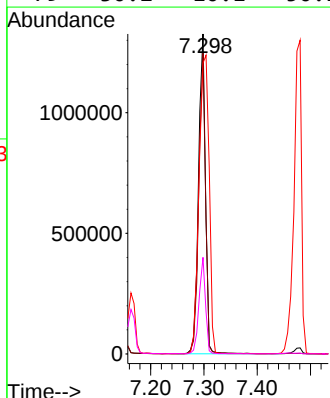
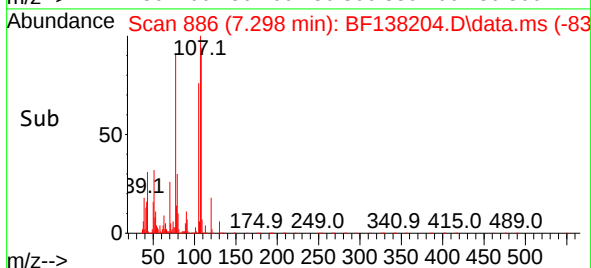
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

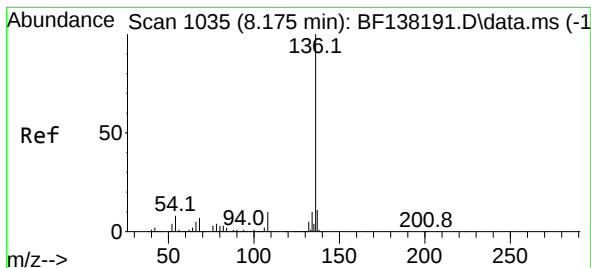


#20
3+4-Methylphenols
Concen: 41.449 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00



Tgt Ion:107 Resp: 1200806
Ion Ratio Lower Upper
107 100
108 93.9 74.9 114.9
77 90.9 78.2 118.2
79 30.2 10.1 50.1





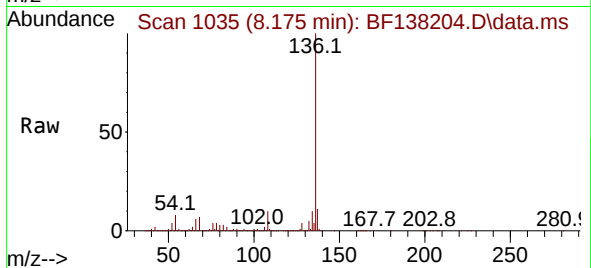
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

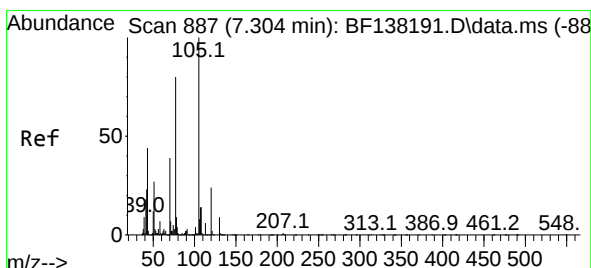
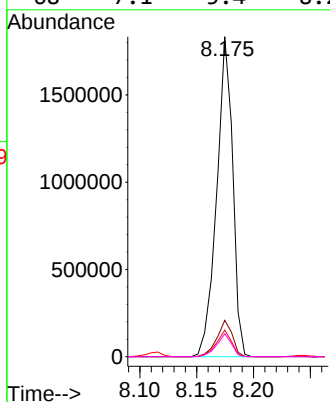
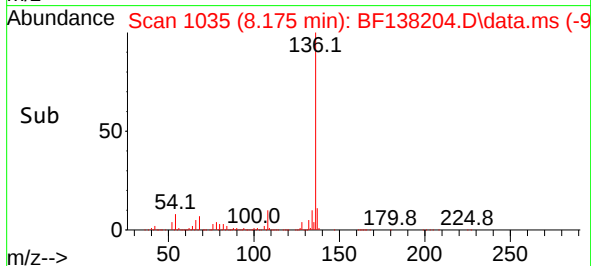


Tgt Ion:136 Resp: 1800979
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.3 6.6 10.0
68 7.1 5.4 8.2

Manual Integrations

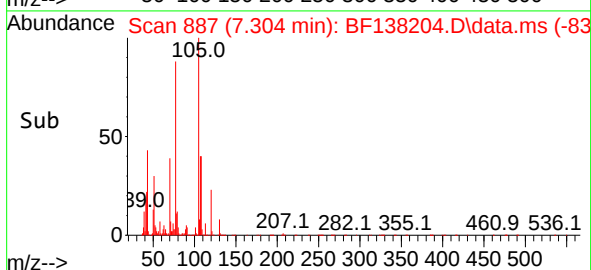
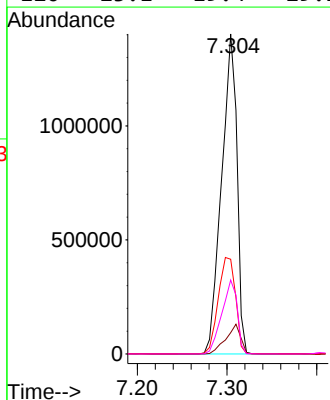
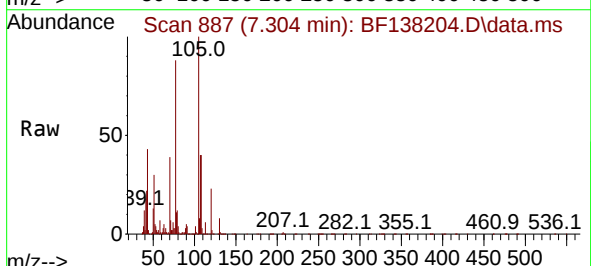
APPROVED

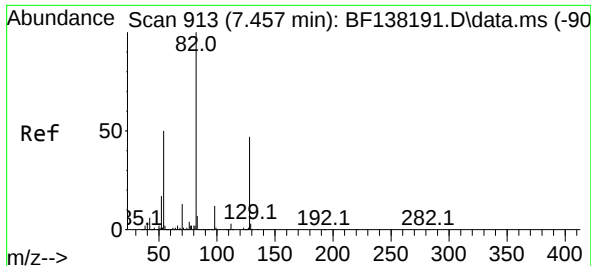
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#22
Acetophenone
Concen: 40.527 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

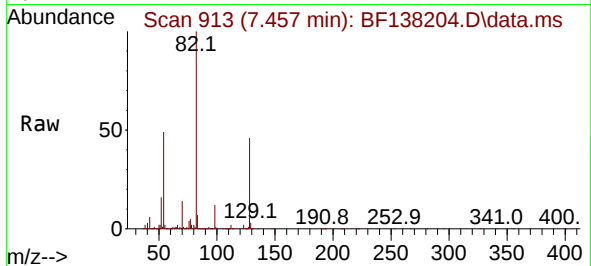
Tgt Ion:105 Resp: 1667333
Ion Ratio Lower Upper
105 100
71 6.7 5.4 8.2
51 29.6 21.4 32.0
120 23.1 19.4 29.2





#23
Nitrobenzene-d5
Concen: 78.247 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

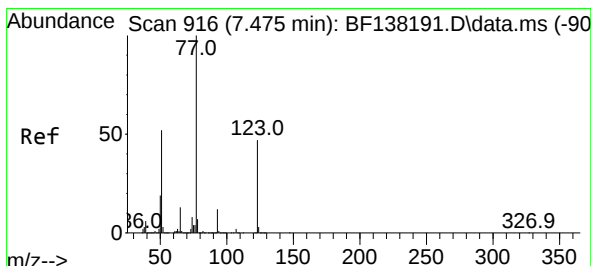
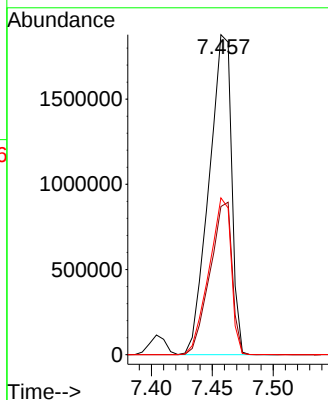
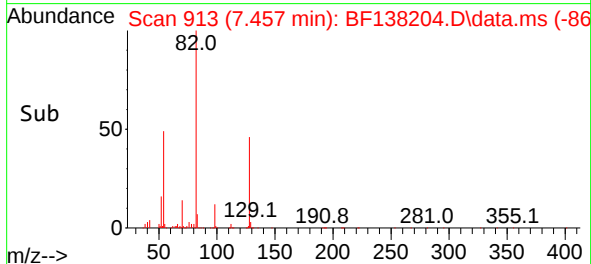
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ClientSampleId :
PB161522BS



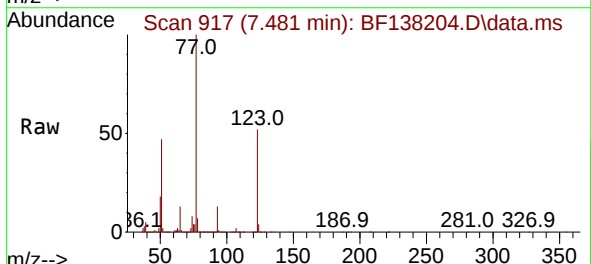
Tgt Ion: 82 Resp: 242065
Ion Ratio Lower Upper
82 100
128 46.3 37.2 55.8
54 49.0 39.8 59.6

Manual Integrations
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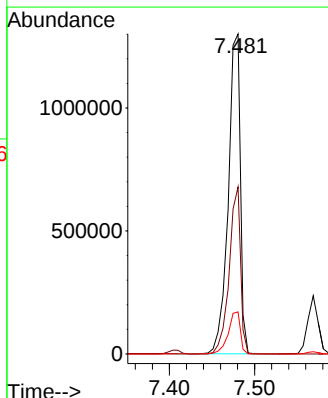
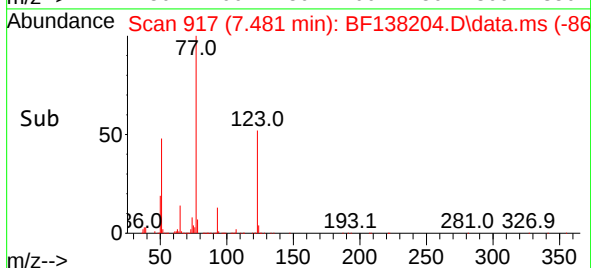
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

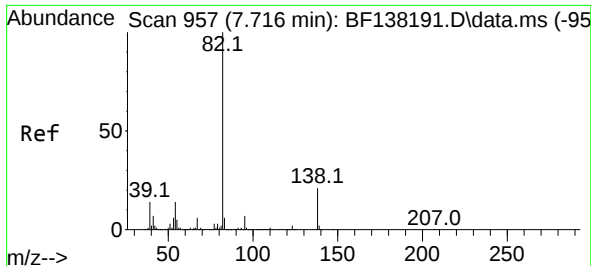


#24
Nitrobenzene
Concen: 40.358 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00



Tgt Ion: 77 Resp: 1290397
Ion Ratio Lower Upper
77 100
123 52.2 37.3 55.9
65 13.1 10.6 15.8





#25
Isophorone
Concen: 42.252 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

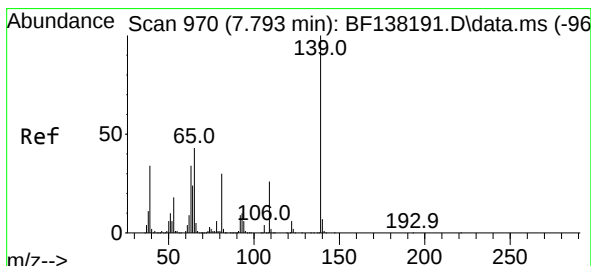
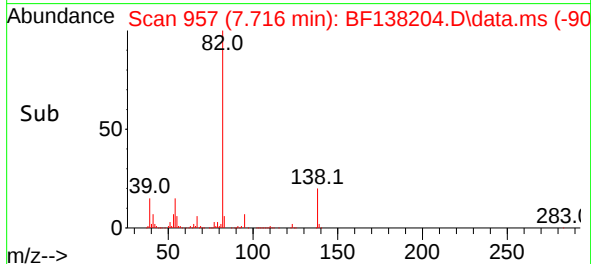
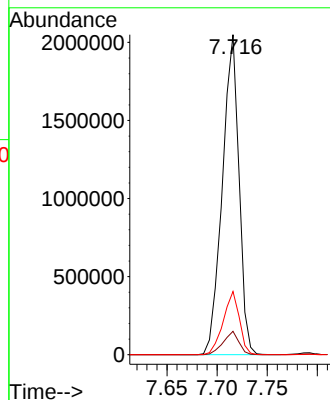
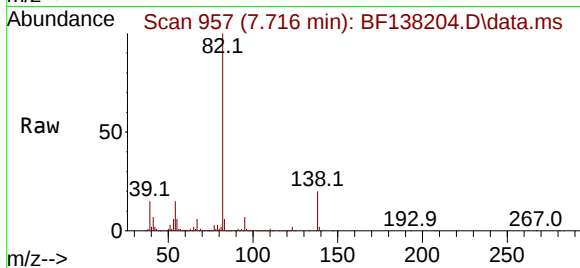
PB161522BS

Tgt Ion: 82 Resp: 2364290
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 19.8 16.4 24.6

Manual Integrations

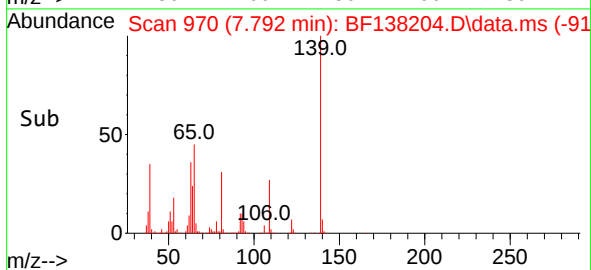
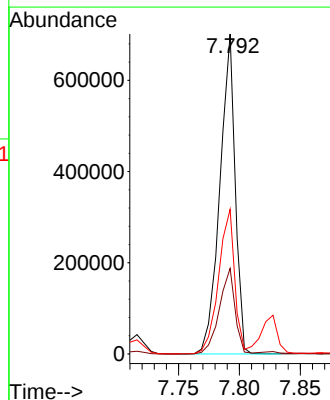
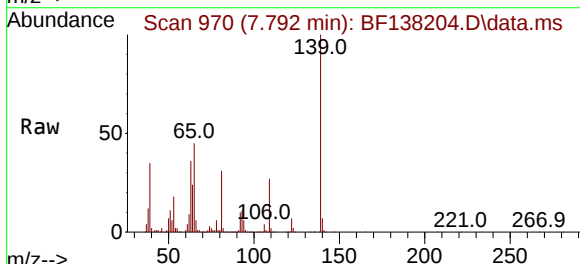
APPROVED

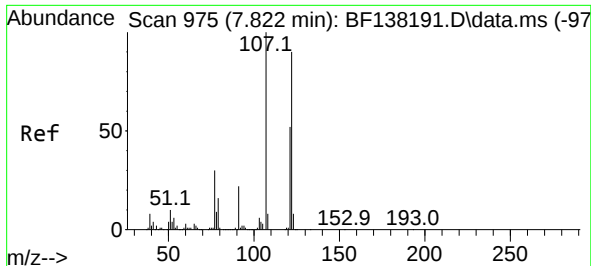
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#26
2-Nitrophenol
Concen: 47.982 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.001 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion:139 Resp: 616904
Ion Ratio Lower Upper
139 100
109 26.8 20.7 31.1
65 45.2 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 45.403 ng m

RT: 7.828 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF138204.D

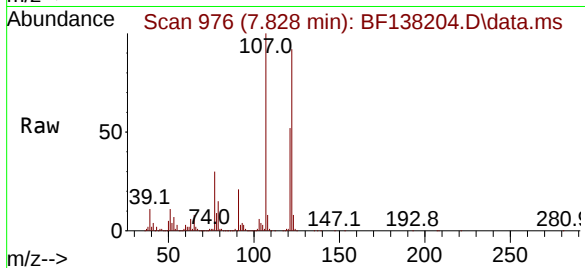
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS



Tgt Ion:122 Resp: 888100

Ion Ratio Lower Upper

122 100

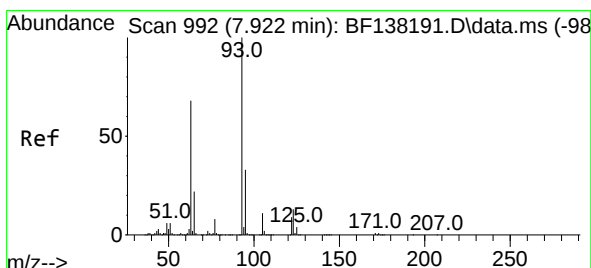
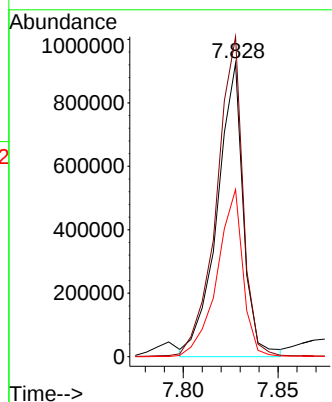
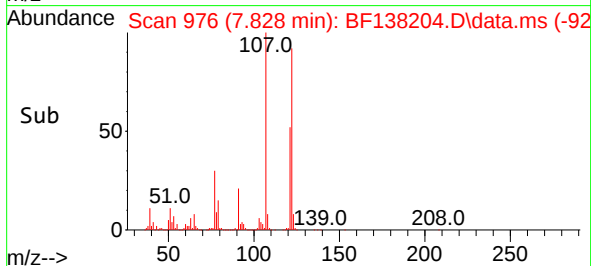
107 109.0 87.7 131.5

121 57.0 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#28

bis(2-Chloroethoxy)methane

Concen: 42.333 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF138204.D

Acq: 17 Jun 2024 15:00

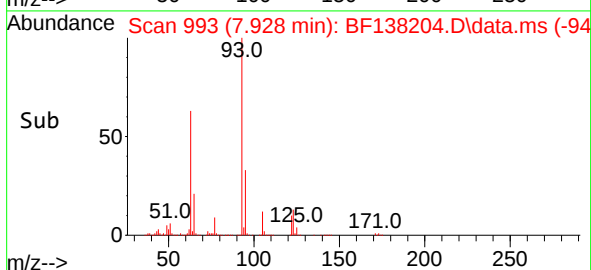
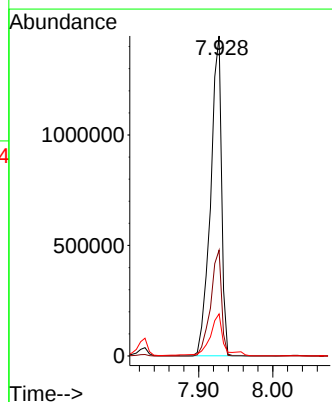
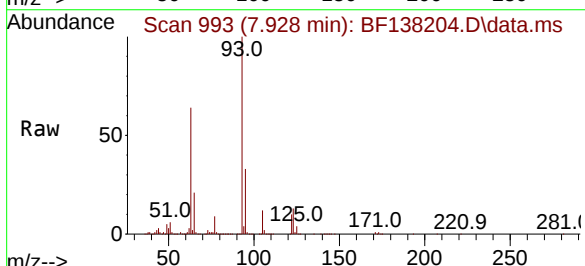
Tgt Ion: 93 Resp: 1482843

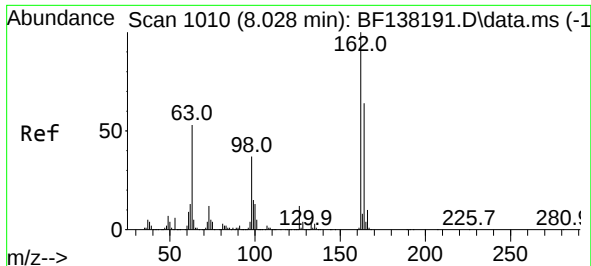
Ion Ratio Lower Upper

93 100

95 33.1 26.6 39.8

123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 41.644 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138204.D

Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

Tgt Ion:162 Resp: 1048720

Ion Ratio Lower Upper

162 100

164 63.4 44.3 84.3

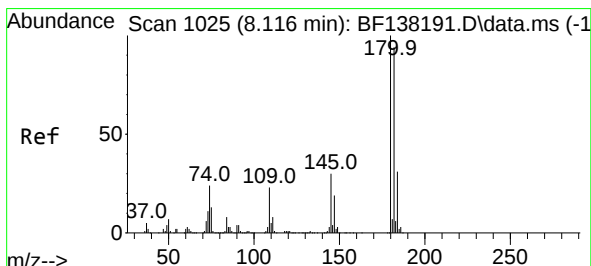
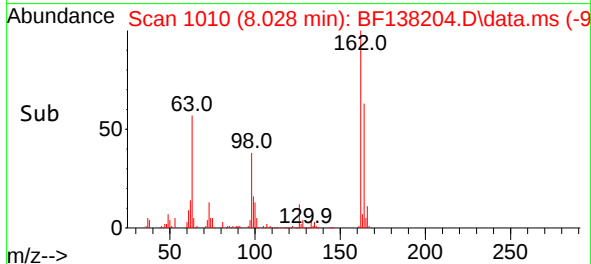
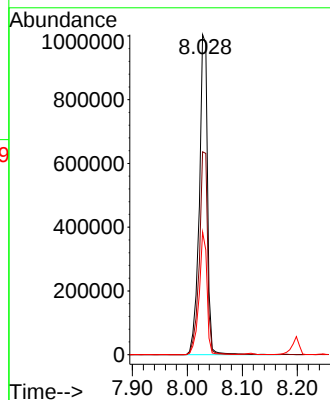
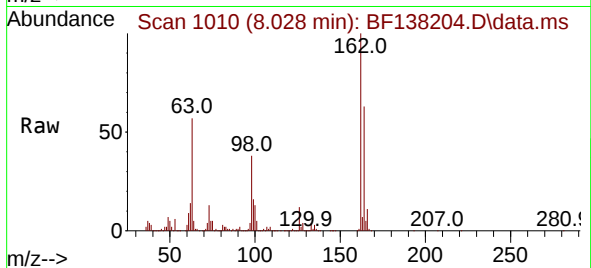
98 38.3 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2024

Supervised By :mohammad ahmed 06/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 38.688 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF138204.D

Acq: 17 Jun 2024 15:00

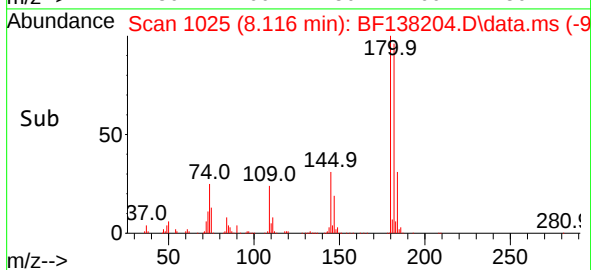
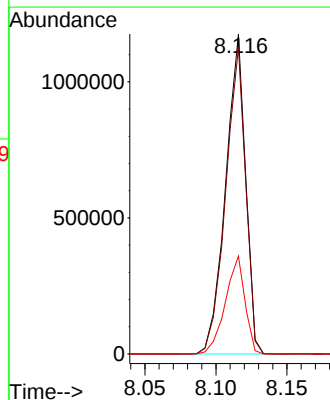
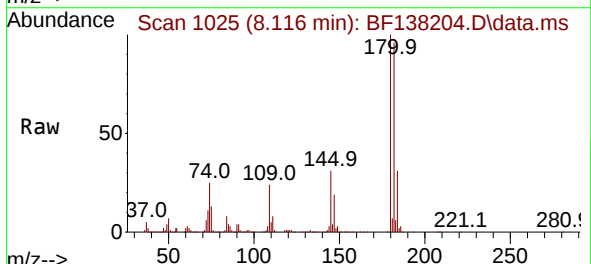
Tgt Ion:180 Resp: 1148993

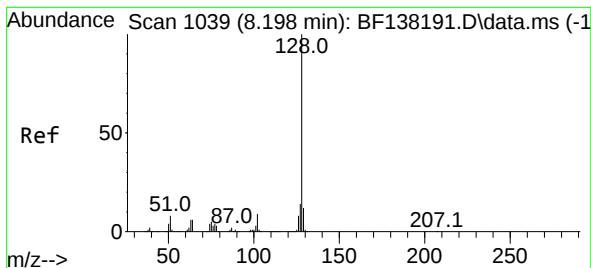
Ion Ratio Lower Upper

180 100

182 95.7 75.0 112.6

145 30.6 23.8 35.6





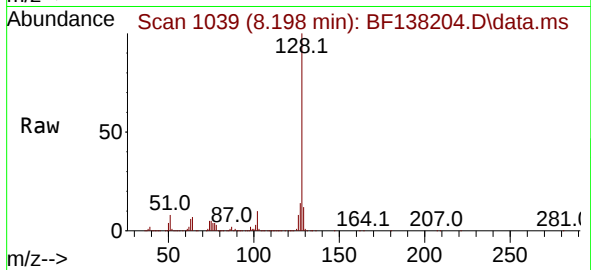
#31
Naphthalene
Concen: 38.972 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

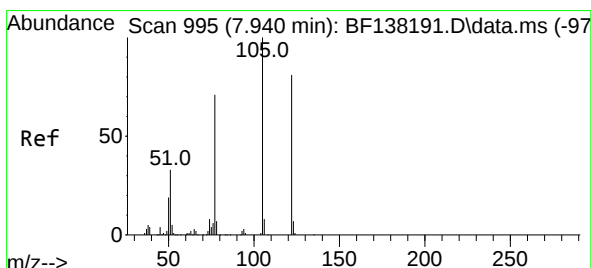
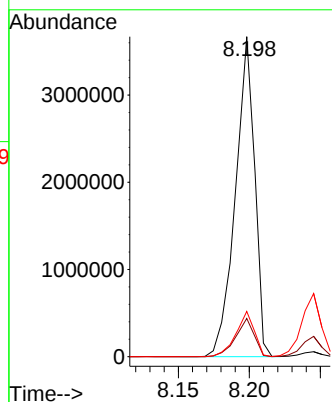
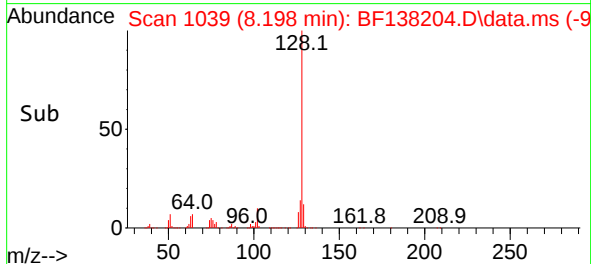


Tgt Ion:128 Resp: 347056
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.2 11.0 16.6

Manual Integrations

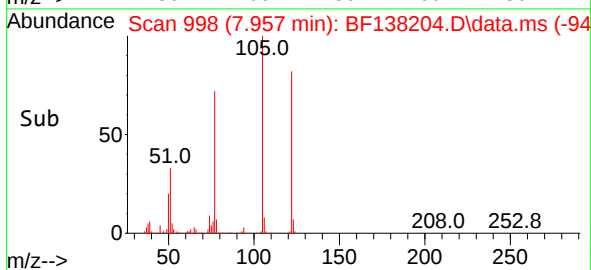
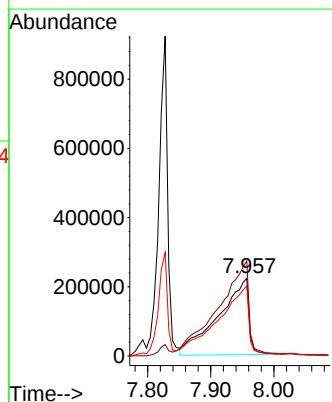
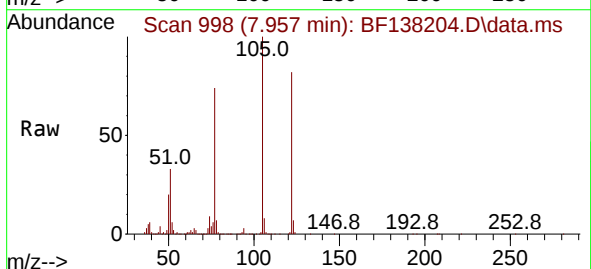
APPROVED

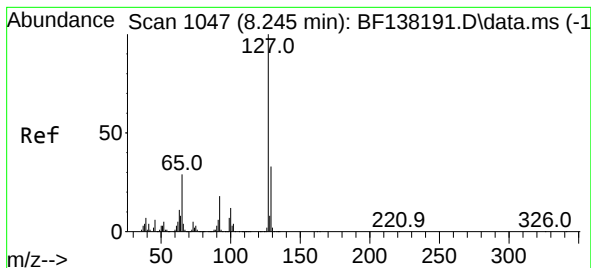
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#32
Benzoic acid
Concen: 43.036 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.017 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion:122 Resp: 741934
Ion Ratio Lower Upper
122 100
105 122.4 100.1 140.1
77 90.2 66.5 106.5





#33

4-Chloroaniline

Concen: 21.119 ng

RT: 8.245 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF138204.D

Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

Tgt Ion:127 Resp: 70293

Ion Ratio Lower Upper

127 100

129 32.3 26.1 39.1

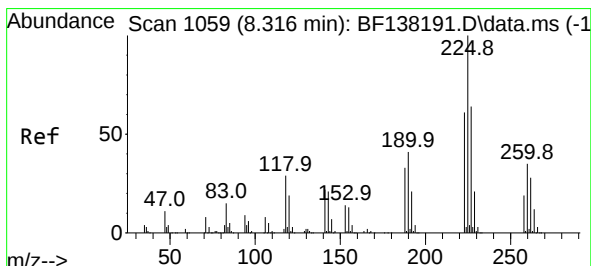
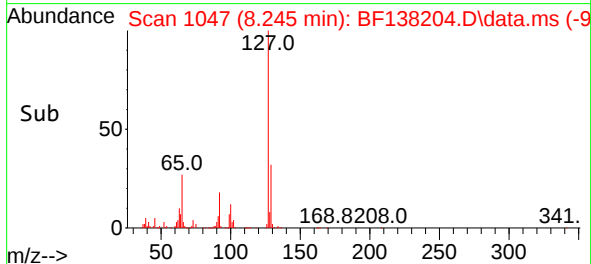
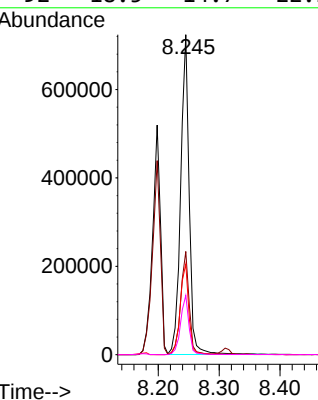
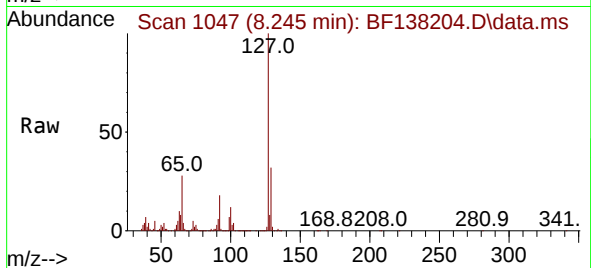
65 28.4 23.6 35.4

92 18.5 14.7 22.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#34

Hexachlorobutadiene

Concen: 37.338 ng

RT: 8.316 min Scan# 1059

Delta R.T. -0.000 min

Lab File: BF138204.D

Acq: 17 Jun 2024 15:00

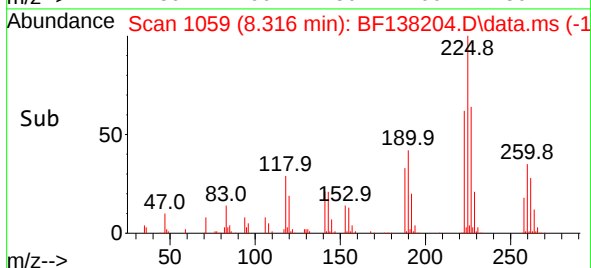
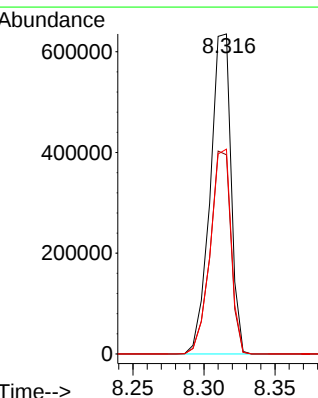
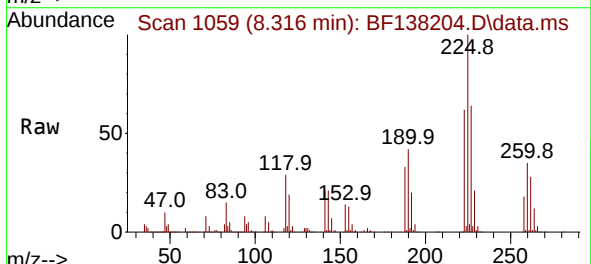
Tgt Ion:225 Resp: 648543

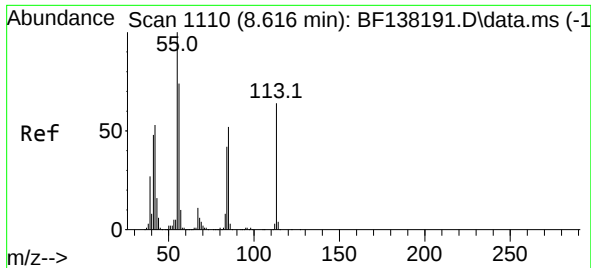
Ion Ratio Lower Upper

225 100

223 62.3 49.0 73.6

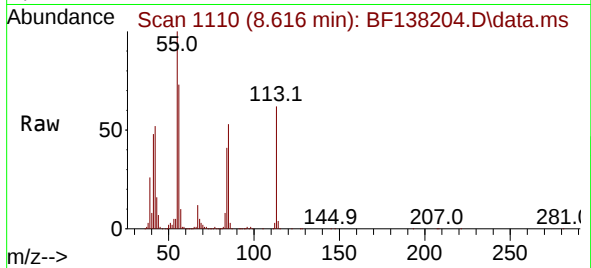
227 64.0 51.2 76.8





#35
Caprolactam
Concen: 45.984 ng m
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

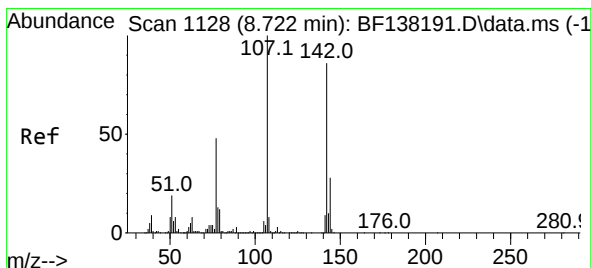
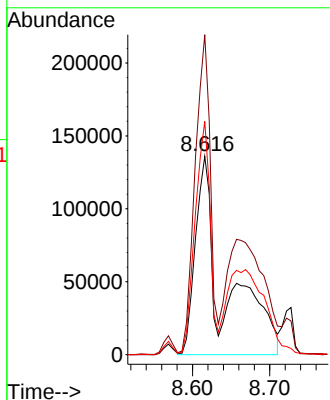
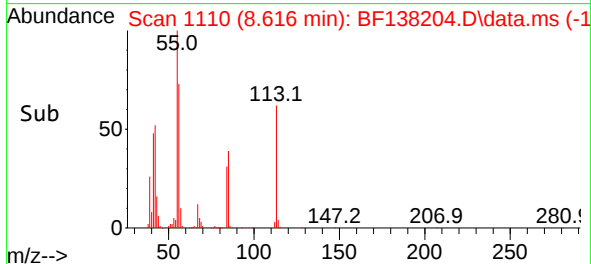
Instrument :
BNA_F
ClientSampleId :
PB161522BS



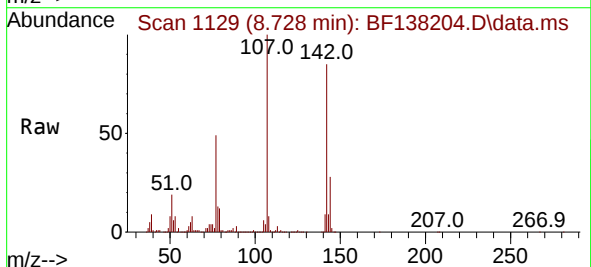
Tgt Ion:113 Resp: 349600
Ion Ratio Lower Upper
113 100
55 161.3 135.4 175.4
56 117.6 95.5 135.5

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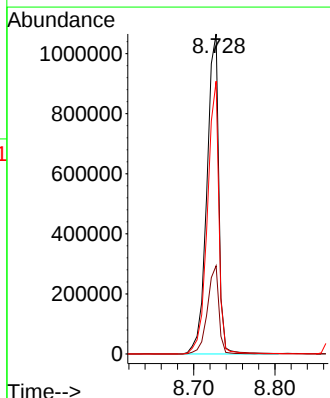
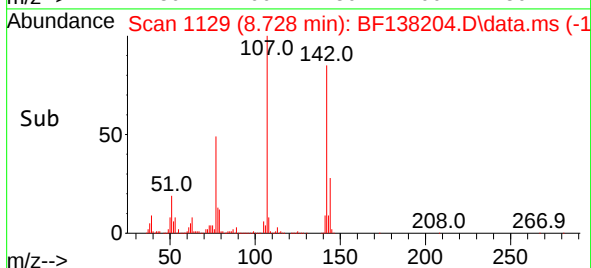
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

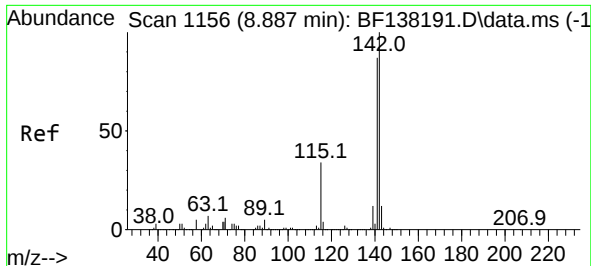


#36
4-Chloro-3-methylphenol
Concen: 43.135 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00



Tgt Ion:107 Resp: 1081563
Ion Ratio Lower Upper
107 100
144 27.6 22.6 34.0
142 85.3 69.0 103.4





#37

2-Methylnaphthalene

Concen: 39.926 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF138204.D

Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

Tgt Ion:142 Resp: 2333474

Ion Ratio Lower Upper

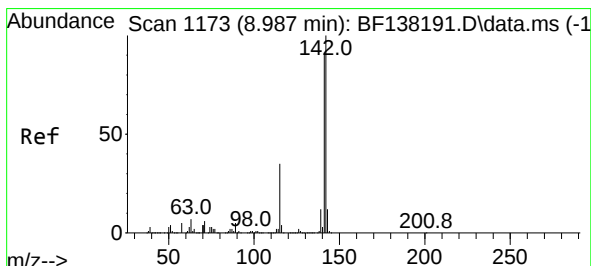
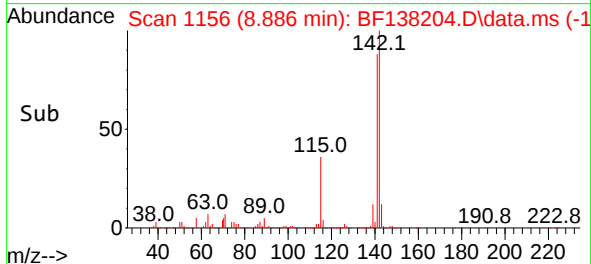
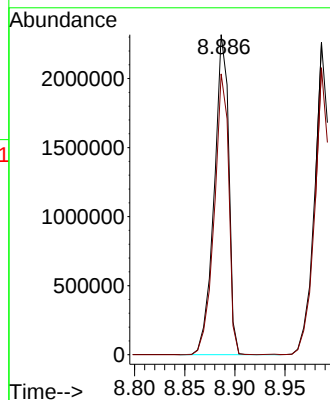
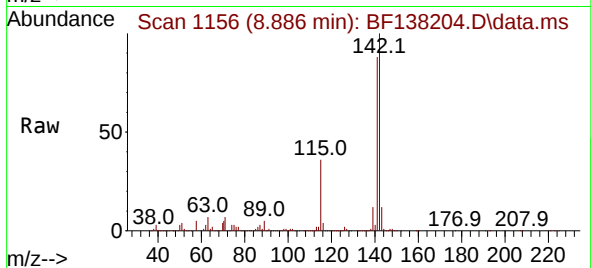
142 100

141 87.8 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#38

1-Methylnaphthalene

Concen: 37.580 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF138204.D

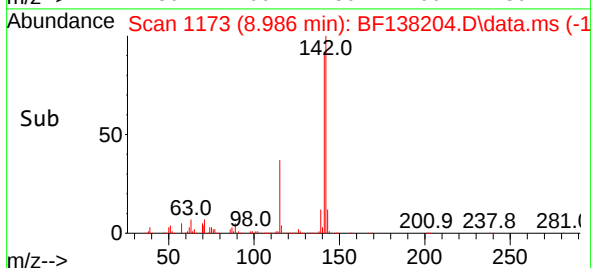
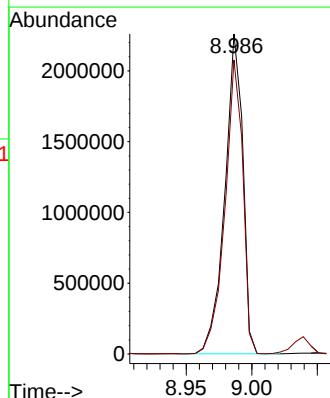
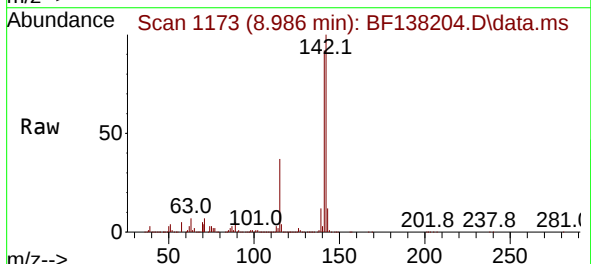
Acq: 17 Jun 2024 15:00

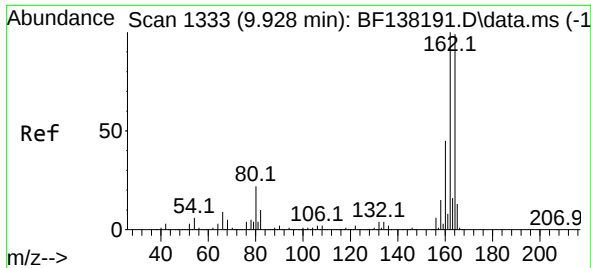
Tgt Ion:142 Resp: 2152335

Ion Ratio Lower Upper

142 100

141 91.9 72.8 109.2





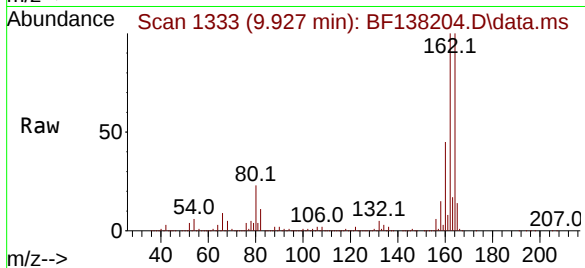
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

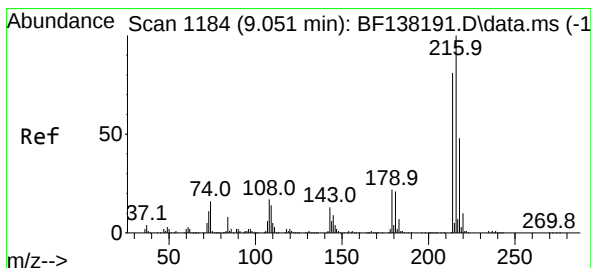
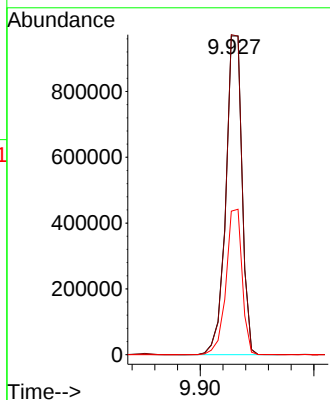
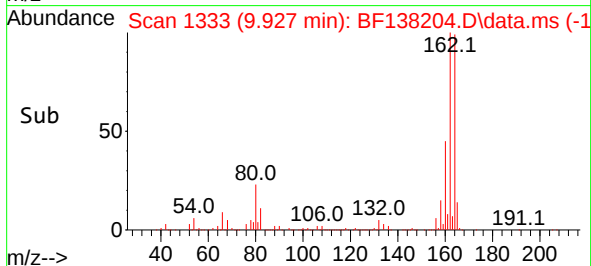


Tgt Ion:164 Resp: 964400
Ion Ratio Lower Upper
164 100
162 100.4 80.6 121.0
160 45.0 36.3 54.5

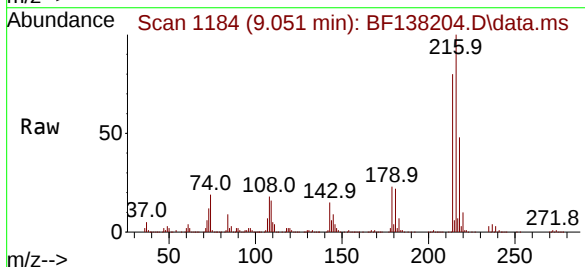
Manual Integrations

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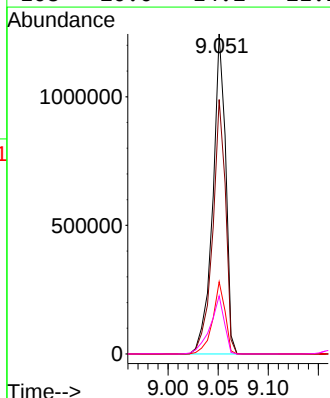
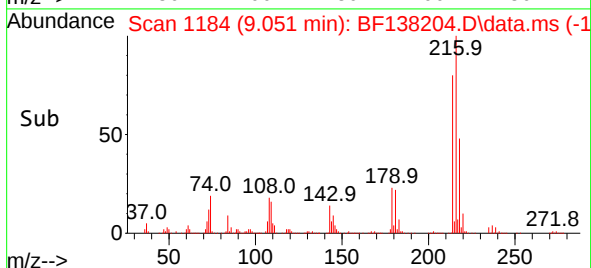
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

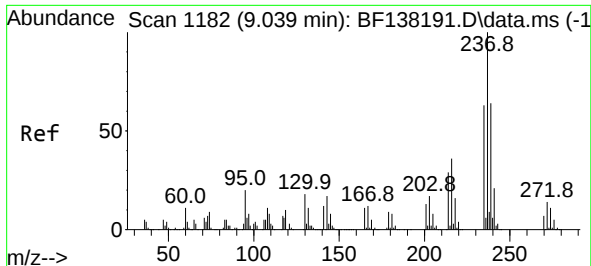


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.365 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00



Tgt Ion:216 Resp: 1109374
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 21.7 16.9 25.3
108 20.0 14.2 21.2





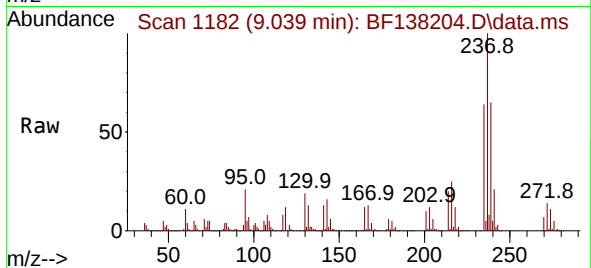
#41
Hexachlorocyclopentadiene
Concen: 95.713 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

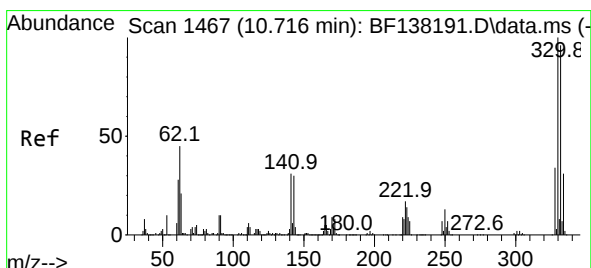
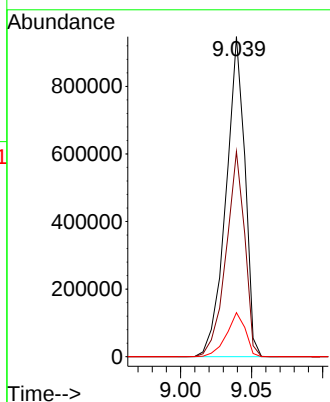
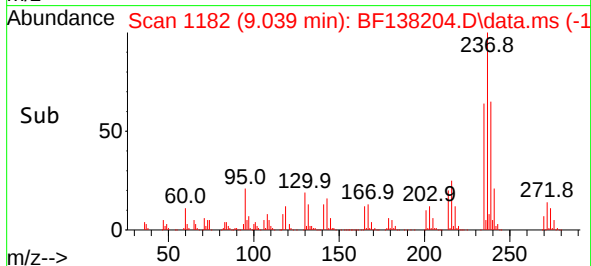


Tgt Ion:237 Resp: 879524
Ion Ratio Lower Upper
237 100
235 64.1 43.3 83.3
272 13.8 0.0 34.0

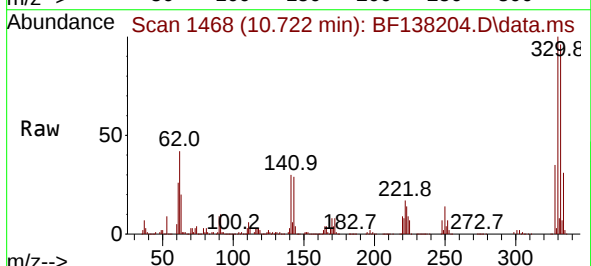
Manual Integrations

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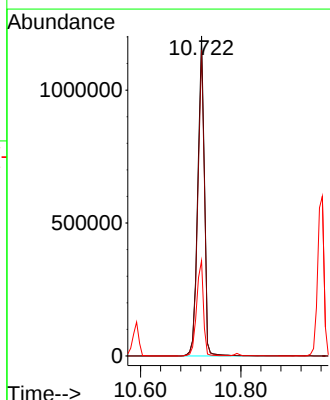
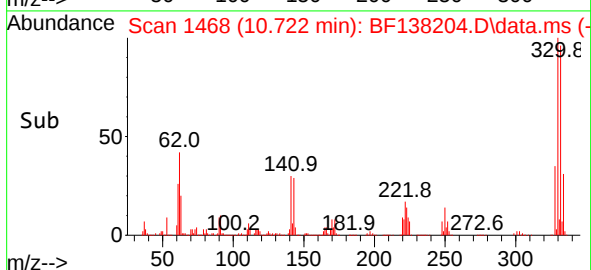
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

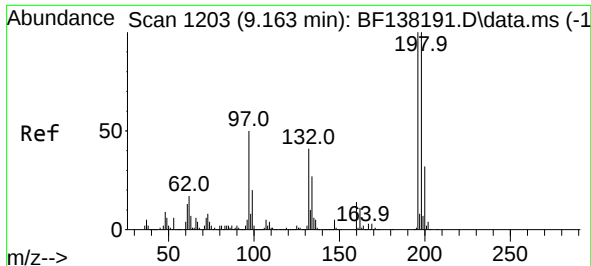


#42
2,4,6-Tribromophenol
Concen: 114.525 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00



Tgt Ion:330 Resp: 1099534
Ion Ratio Lower Upper
330 100
332 95.2 76.6 115.0
141 30.7 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 43.043 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

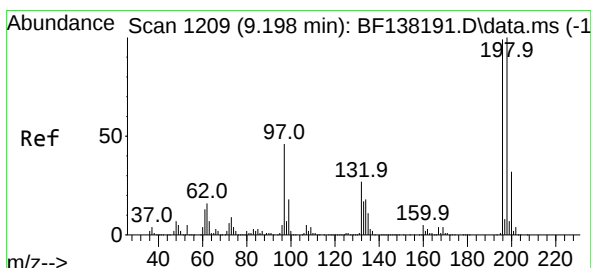
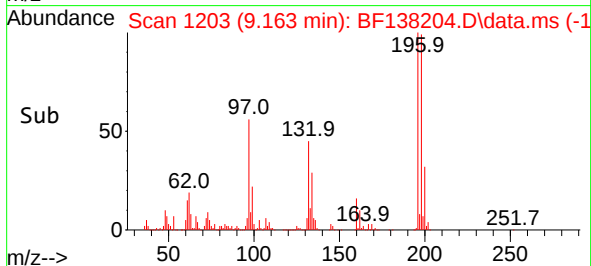
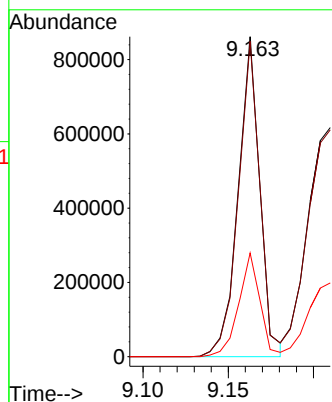
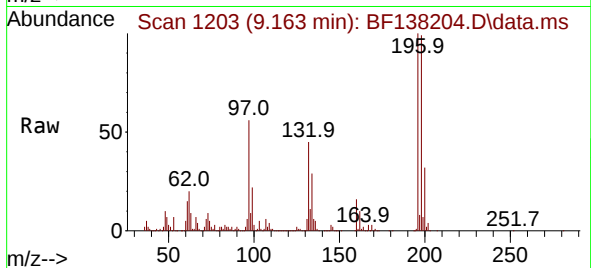
PB161522BS

Tgt Ion:196 Resp: 759528
Ion Ratio Lower Upper
196 100
198 98.6 79.8 119.6
200 32.4 25.9 38.9

Manual Integrations

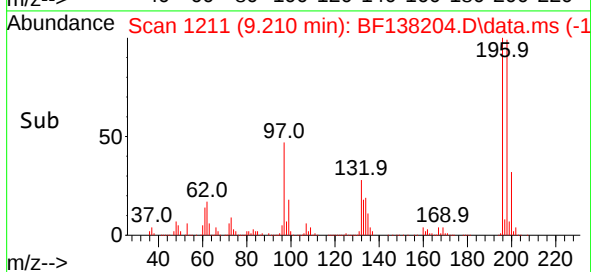
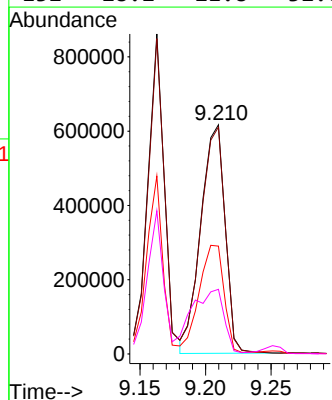
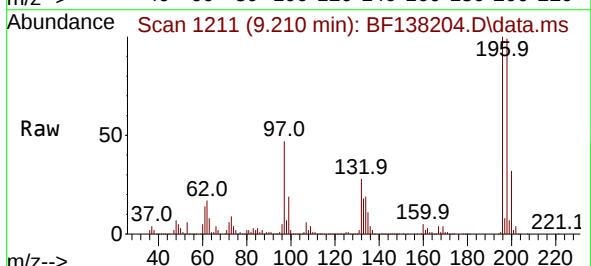
APPROVED

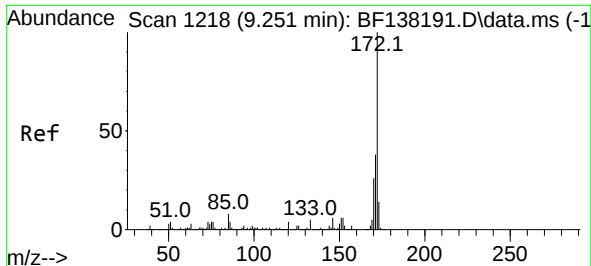
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#44
2,4,5-Trichlorophenol
Concen: 41.160 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.012 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion:196 Resp: 797611
Ion Ratio Lower Upper
196 100
198 99.0 80.4 120.6
97 47.1 37.4 56.2
132 28.2 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 71.122 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

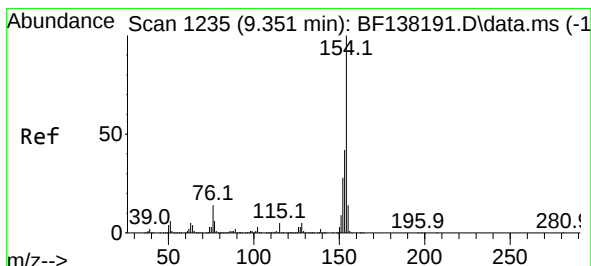
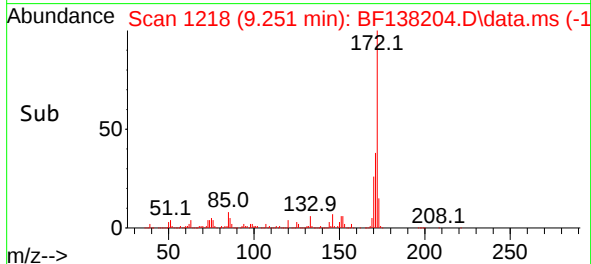
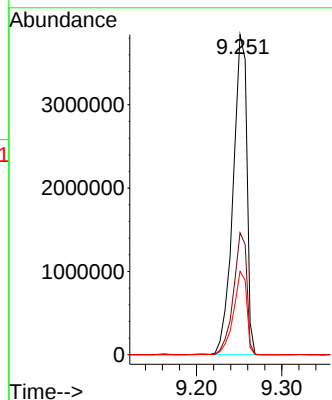
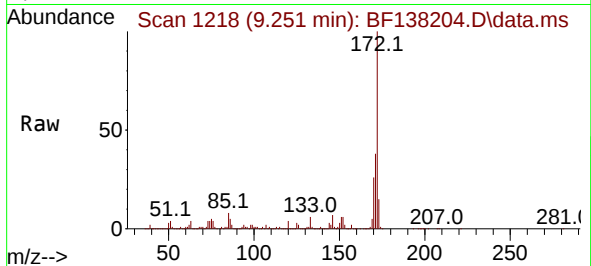
PB161522BS

Tgt Ion:172 Resp: 431344
Ion Ratio Lower Upper
172 100
171 38.1 30.3 45.5
170 26.1 20.6 30.8

Manual Integrations

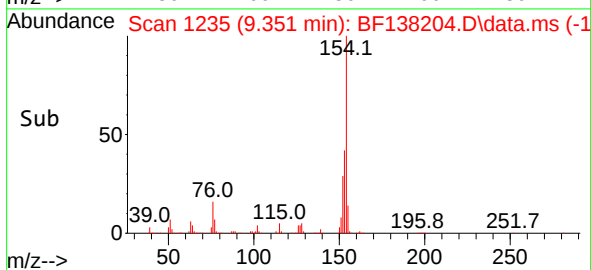
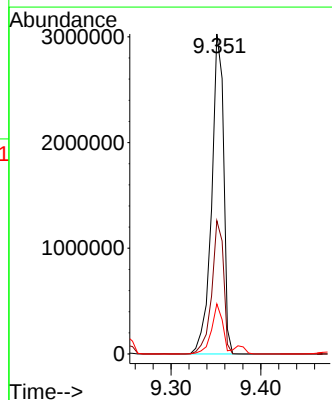
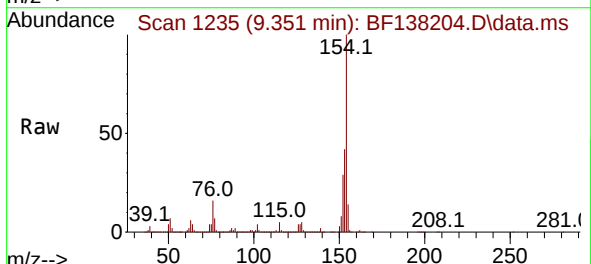
APPROVED

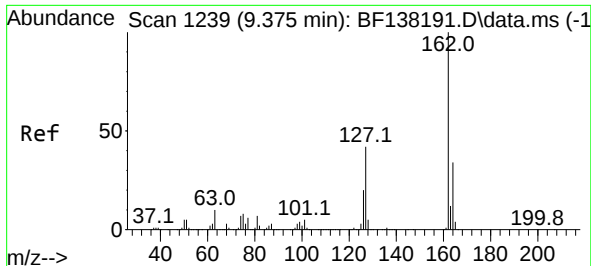
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#46
1,1'-Biphenyl
Concen: 39.741 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion:154 Resp: 2812345
Ion Ratio Lower Upper
154 100
153 41.7 22.1 62.1
76 15.7 0.0 34.3





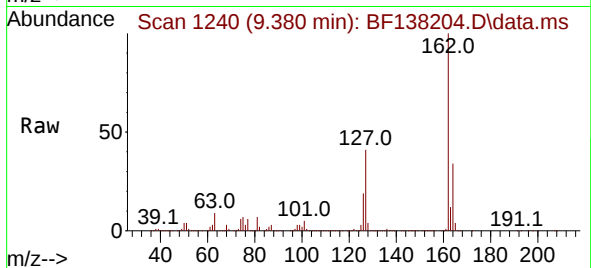
#47
2-Chloronaphthalene
Concen: 39.288 ng
RT: 9.380 min Scan# 1240
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

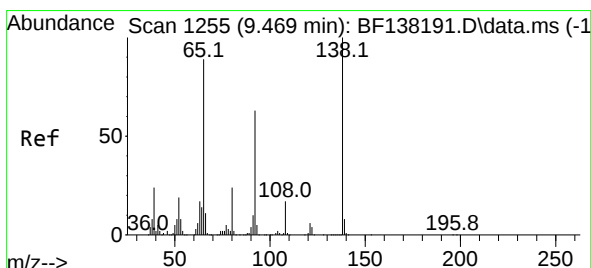
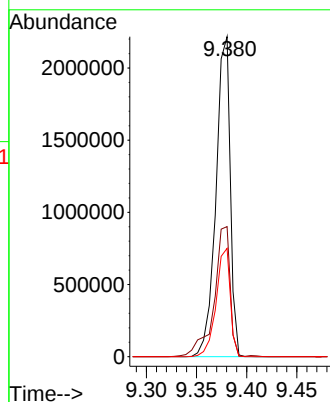
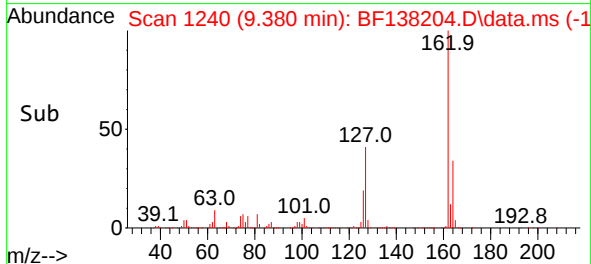


Tgt Ion:162 Resp: 2197280
Ion Ratio Lower Upper
162 100
127 40.7 33.6 50.4
164 33.9 27.2 40.8

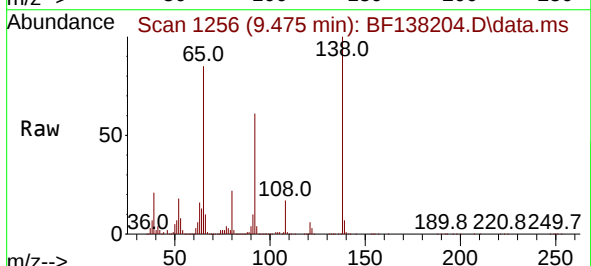
Manual Integrations

APPROVED

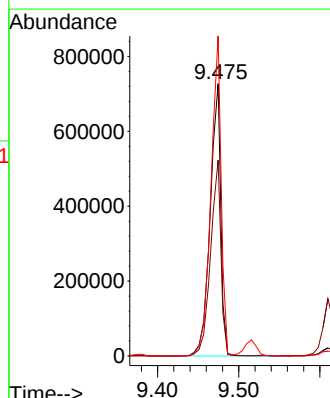
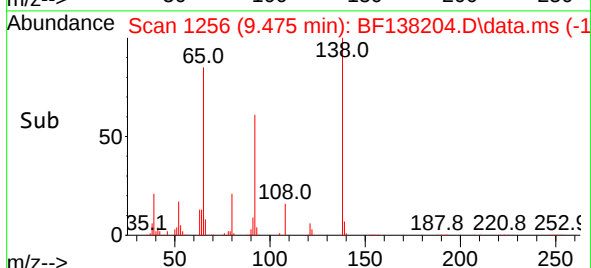
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

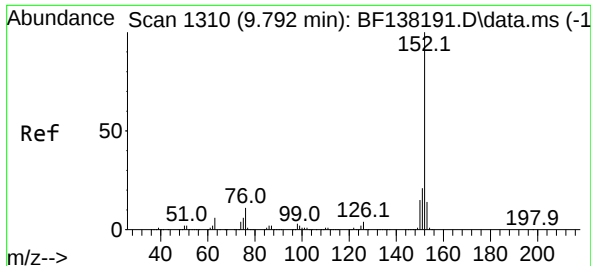


#48
2-Nitroaniline
Concen: 48.719 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00



Tgt Ion: 65 Resp: 656179
Ion Ratio Lower Upper
65 100
92 72.0 56.6 85.0
138 117.5 90.1 135.1





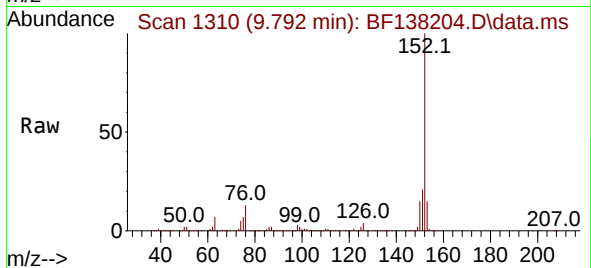
#49
Acenaphthylene
Concen: 42.403 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

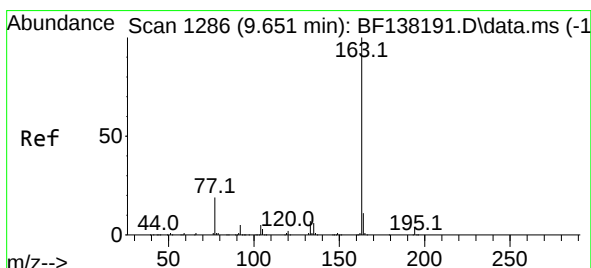
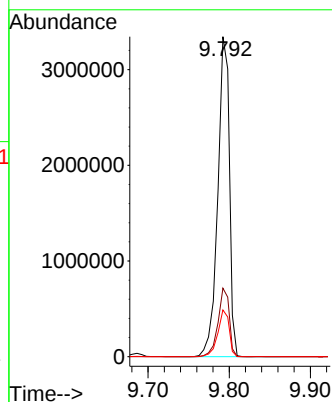
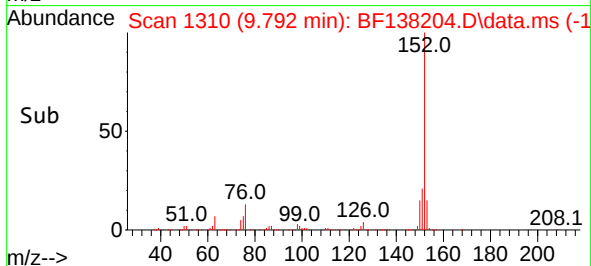


Tgt Ion:152 Resp: 332538
Ion Ratio Lower Upper
152 100
151 21.4 16.9 25.3
153 14.6 11.4 17.0

Manual Integrations

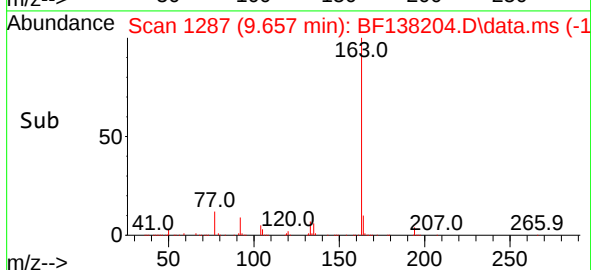
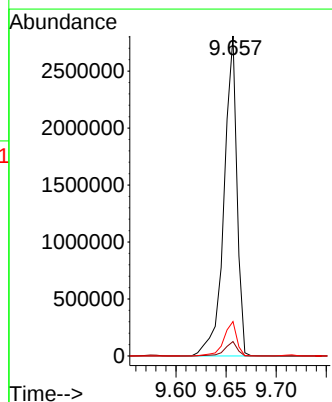
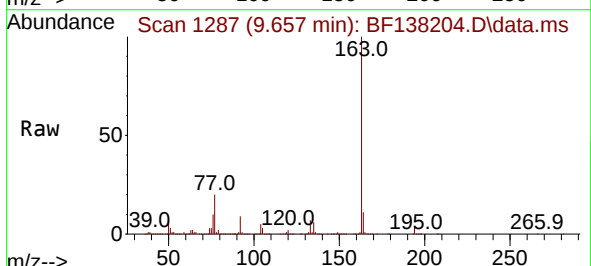
APPROVED

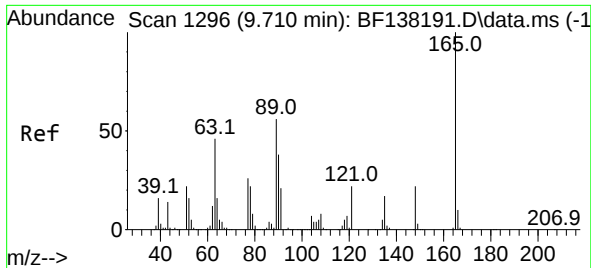
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#50
Dimethylphthalate
Concen: 42.551 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

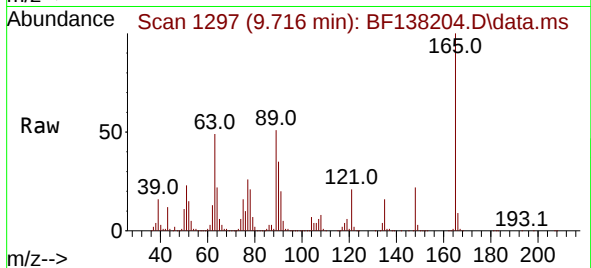
Tgt Ion:163 Resp: 2514288
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.8 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 44.613 ng
RT: 9.716 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

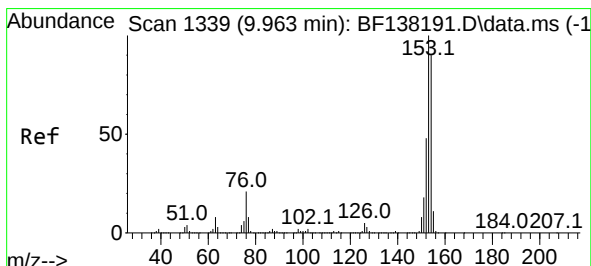
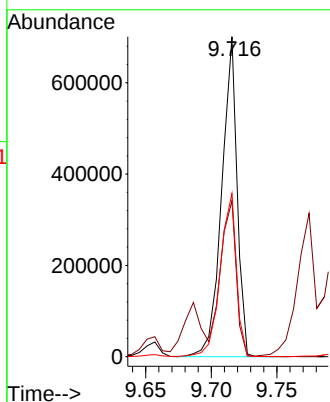
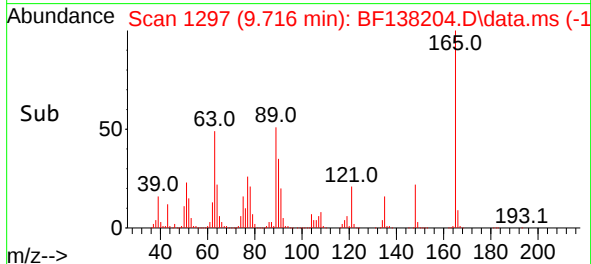
Instrument :
BNA_F
ClientSampleId :
PB161522BS



Tgt Ion:165 Resp: 571898
Ion Ratio Lower Upper
165 100
63 48.8 43.7 65.5
89 51.0 44.9 67.3

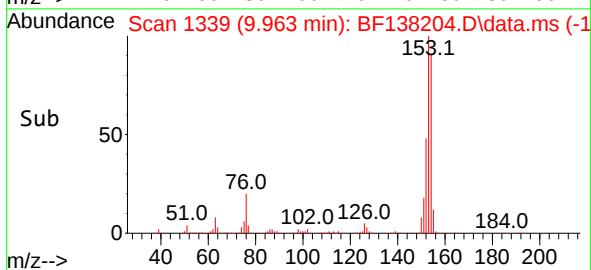
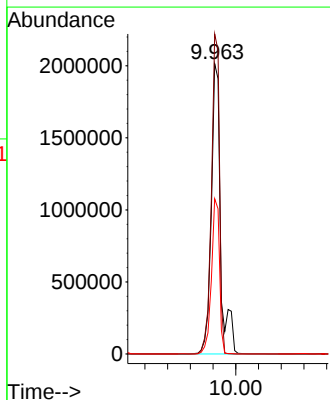
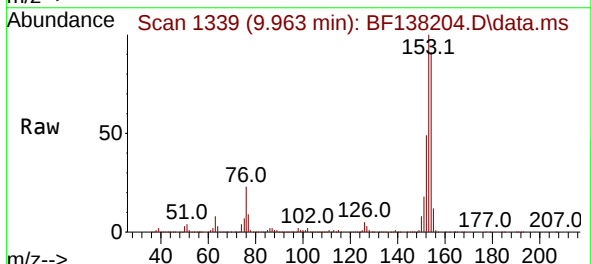
Manual Integrations
APPROVED

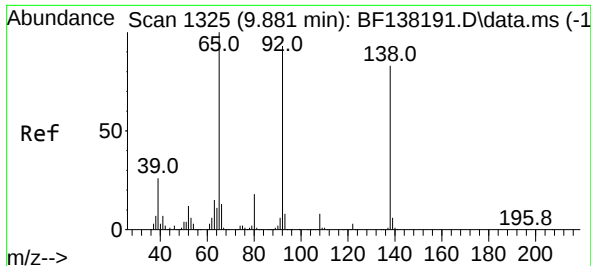
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#52
Acenaphthene
Concen: 42.777 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion:154 Resp: 2287588
Ion Ratio Lower Upper
154 100
153 110.2 89.1 133.7
152 53.5 42.4 63.6





#53
3-Nitroaniline
Concen: 32.718 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

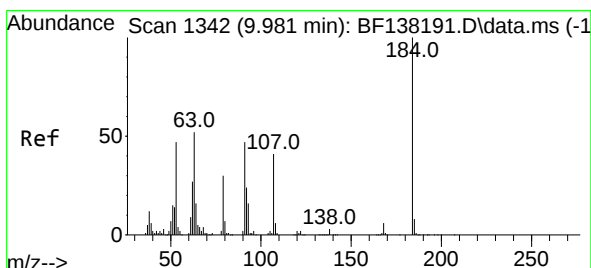
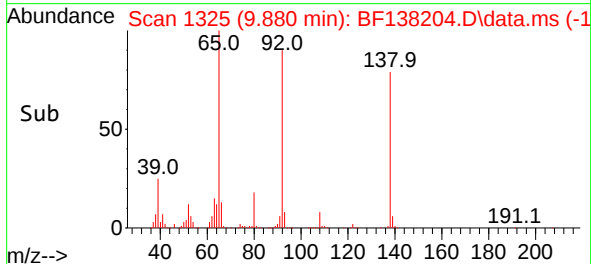
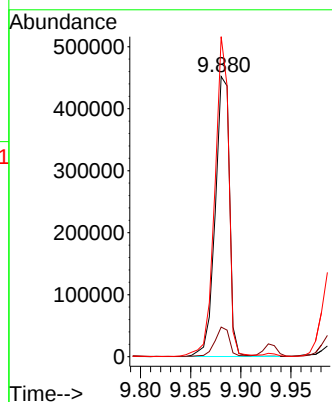
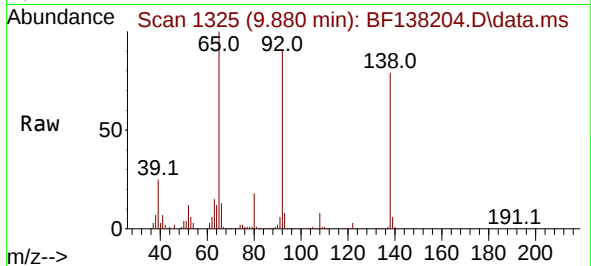
ClientSampleId :

PB161522BS

Tgt Ion:138 Resp: 448052
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.2
92 114.2 90.0 135.0

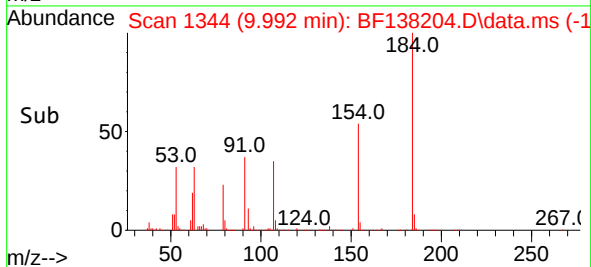
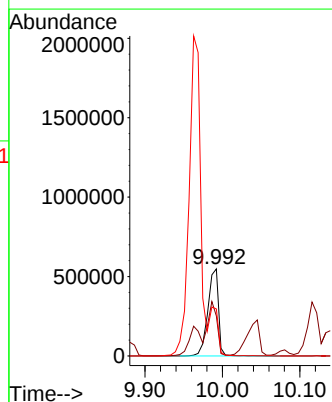
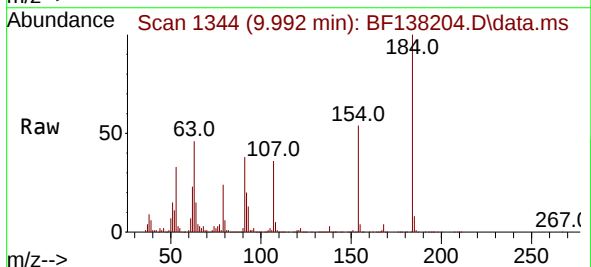
Manual Integrations
APPROVED

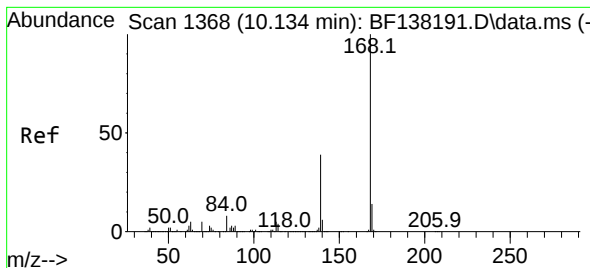
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#54
2,4-Dinitrophenol
Concen: 80.162 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

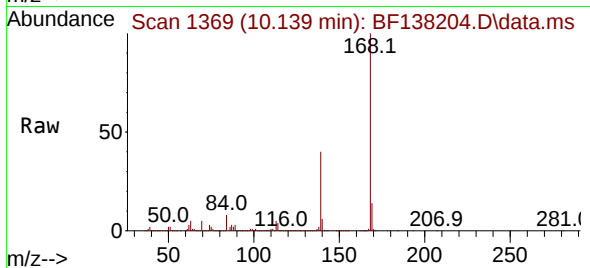
Tgt Ion:184 Resp: 522483
Ion Ratio Lower Upper
184 100
63 46.1 49.2 73.8#
154 54.0 46.7 70.1





#55
Dibenzenofuran
Concen: 40.014 ng
RT: 10.139 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

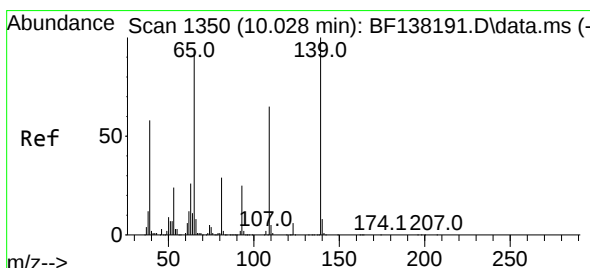
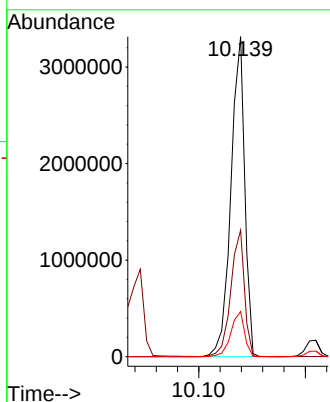
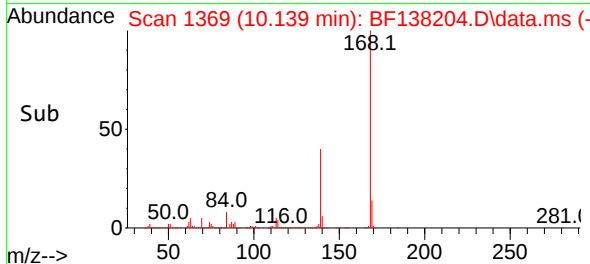
Instrument :
BNA_F
ClientSampleId :
PB161522BS



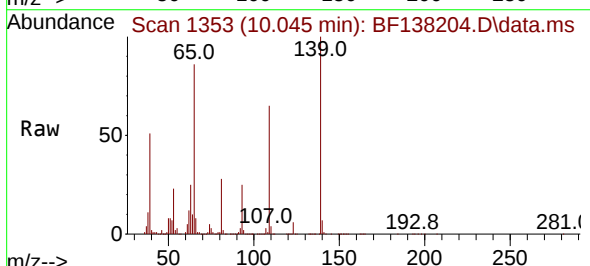
Tgt Ion:168 Resp: 2991308
Ion Ratio Lower Upper
168 100
139 39.5 31.0 46.4
169 14.1 11.4 17.0

Manual Integrations
APPROVED

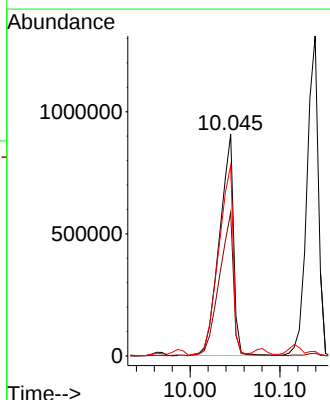
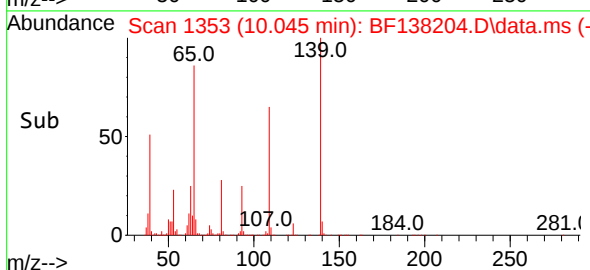
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

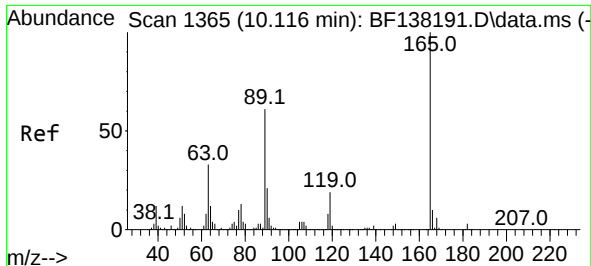


#56
4-Nitrophenol
Concen: 91.565 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.017 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00



Tgt Ion:139 Resp: 990914
Ion Ratio Lower Upper
139 100
109 64.7 44.6 84.6
65 86.0 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 47.891 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

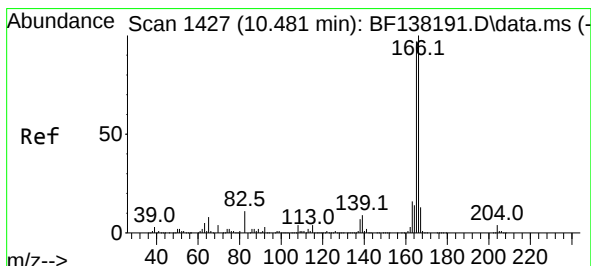
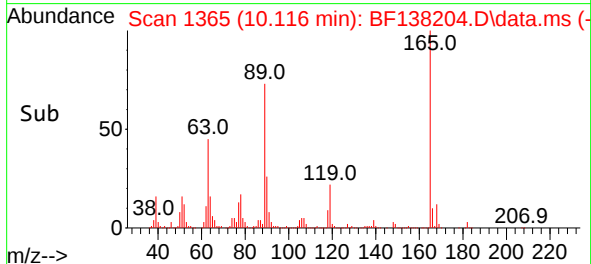
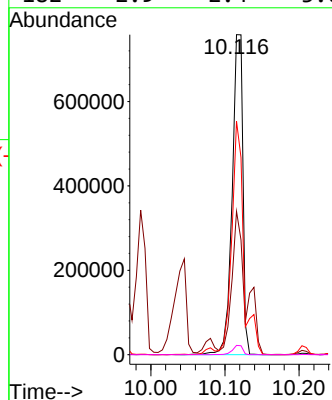
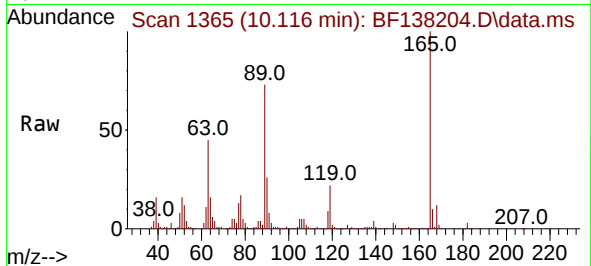
PB161522BS

Tgt Ion:165 Resp: 757190
Ion Ratio Lower Upper
165 100
63 44.8 26.6 39.8
89 73.0 48.7 73.1
182 2.9 2.4 3.6

Manual Integrations

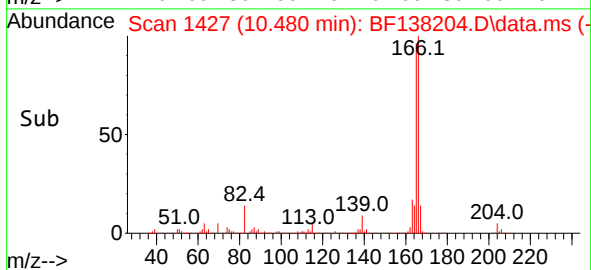
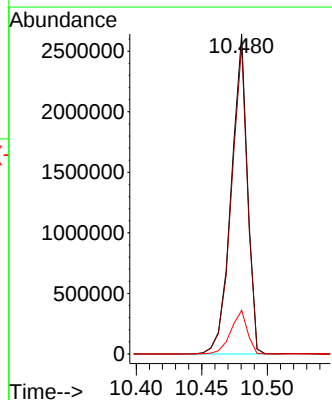
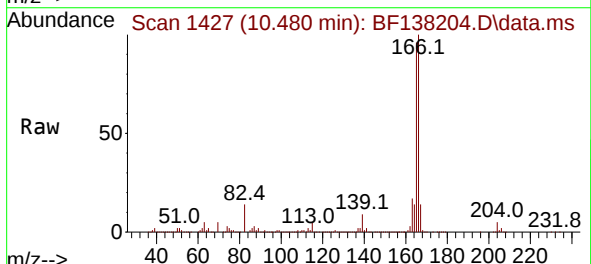
APPROVED

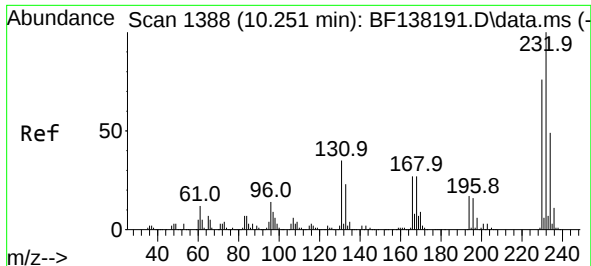
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#58
Fluorene
Concen: 38.588 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

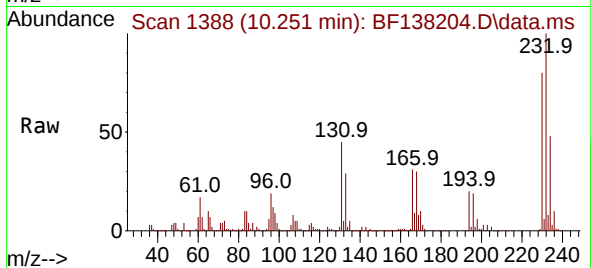
Tgt Ion:166 Resp: 2268099
Ion Ratio Lower Upper
166 100
165 96.5 77.9 116.9
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.151 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

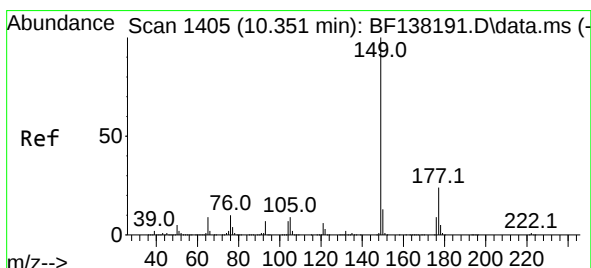
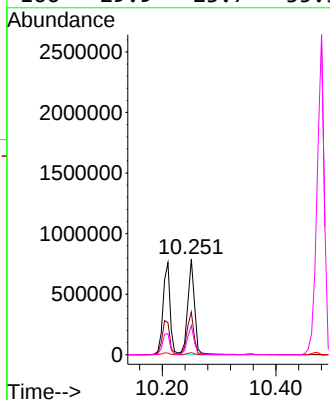
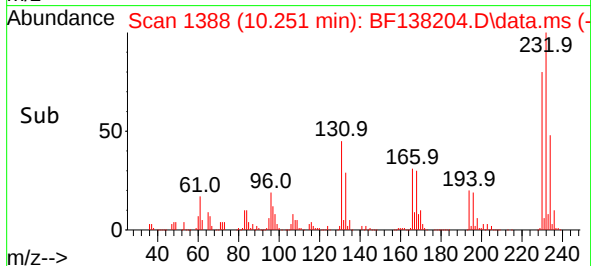
Instrument :
BNA_F
ClientSampleId :
PB161522BS



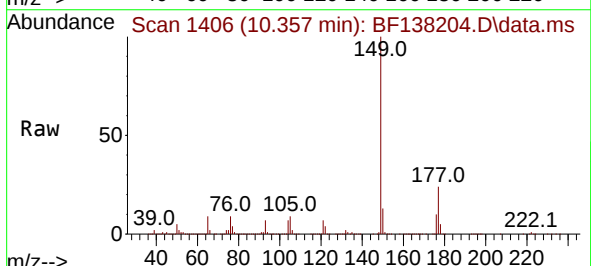
Tgt Ion:232 Resp: 653500
Ion Ratio Lower Upper
232 100
131 44.3 33.6 50.4
130 2.2 1.7 2.5
166 29.9 23.7 35.5

Manual Integrations
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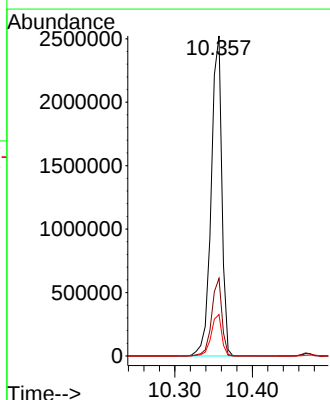
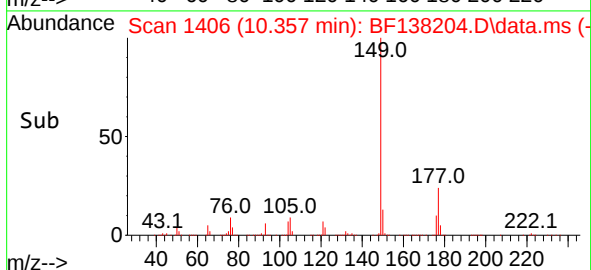
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

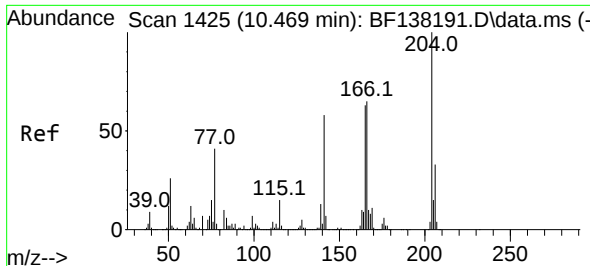


#60
Diethylphthalate
Concen: 42.795 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00



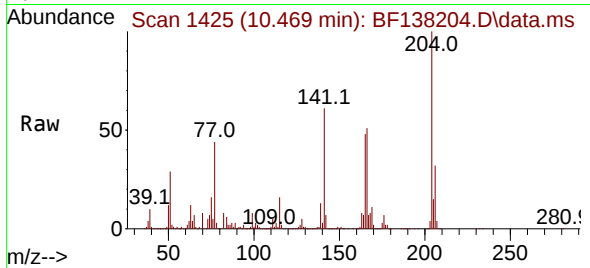
Tgt Ion:149 Resp: 2400025
Ion Ratio Lower Upper
149 100
177 24.2 19.4 29.0
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 39.158 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

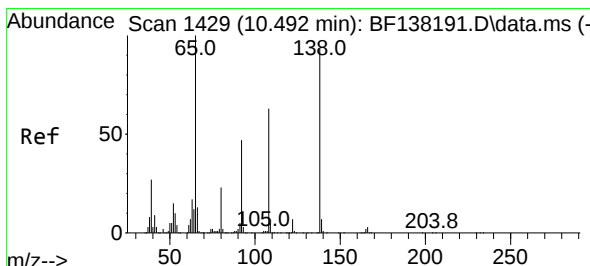
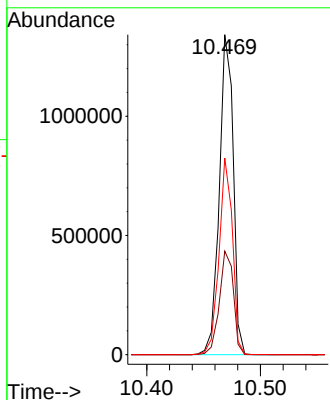
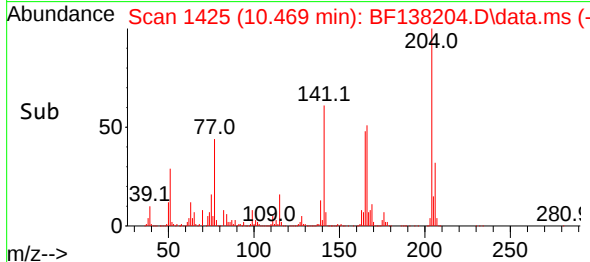
Instrument :
BNA_F
ClientSampleId :
PB161522BS



Tgt Ion:204 Resp: 1146292
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 61.4 46.3 69.5

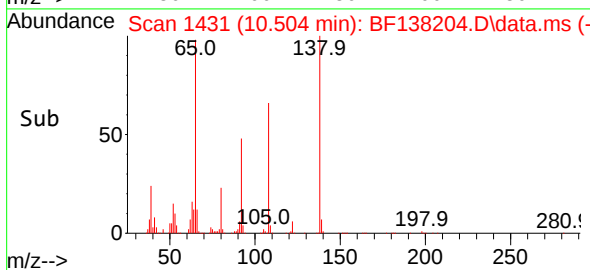
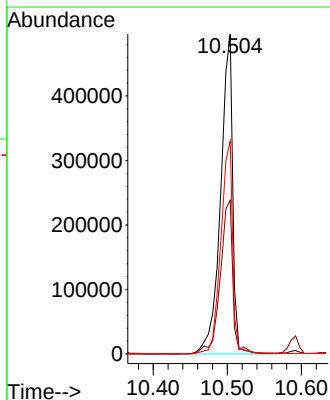
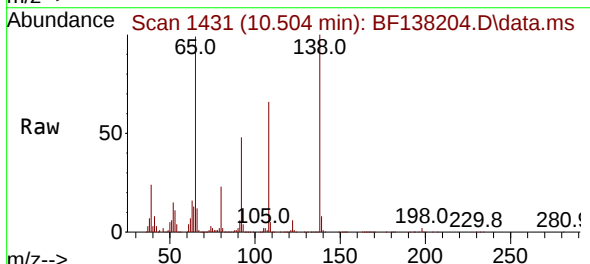
Manual Integrations
APPROVED

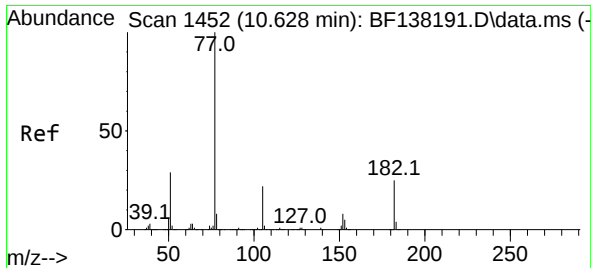
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#62
4-Nitroaniline
Concen: 41.227 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

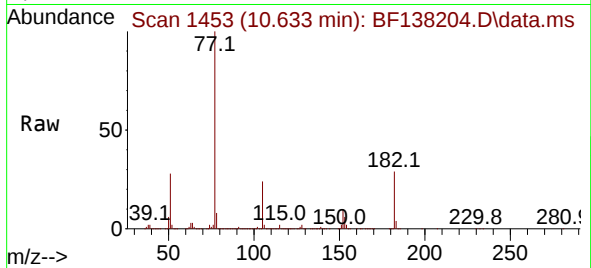
Tgt Ion:138 Resp: 564086
Ion Ratio Lower Upper
138 100
92 48.0 30.9 70.9
108 66.5 47.8 87.8





#63
Azobenzene
Concen: 42.702 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.005 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

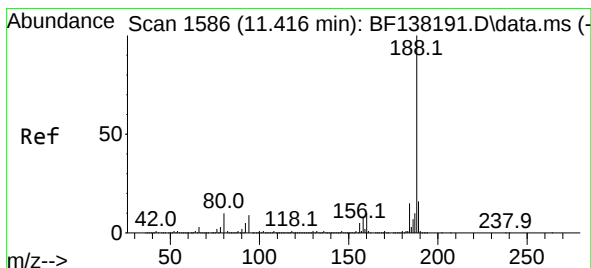
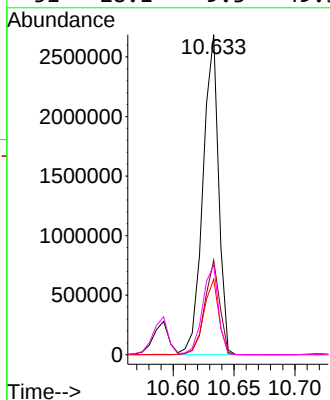
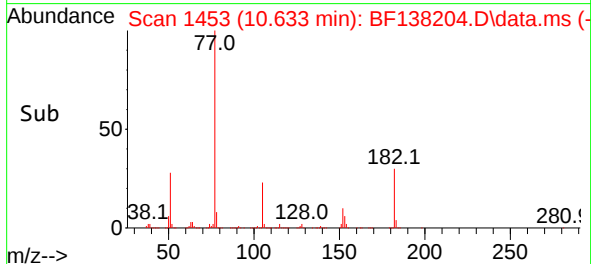
Instrument :
BNA_F
ClientSampleId :
PB161522BS



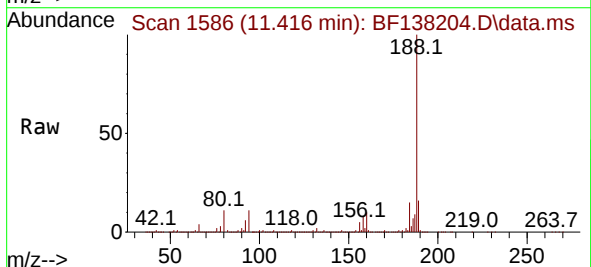
Tgt Ion: 77 Resp: 239921
Ion Ratio Lower Upper
77 100
182 29.5 5.5 45.5
105 23.6 1.8 41.8
51 28.1 9.3 49.3

Manual Integrations
APPROVED

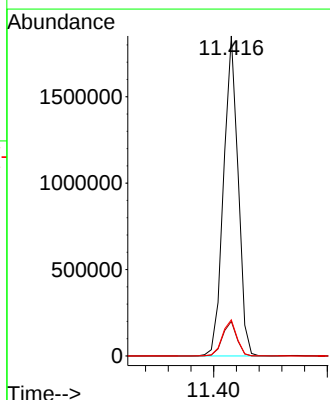
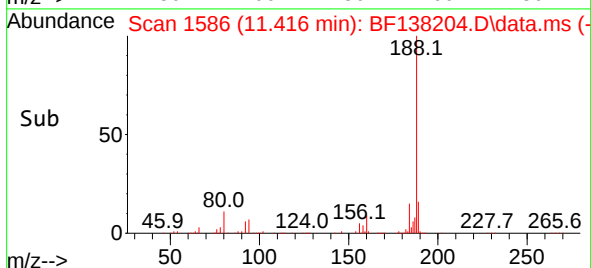
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

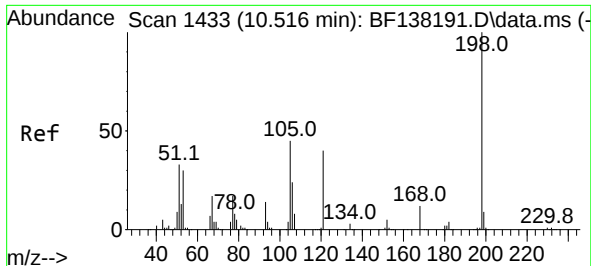


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00



Tgt Ion:188 Resp: 1644461
Ion Ratio Lower Upper
188 100
94 10.8 7.6 11.4
80 11.3 8.1 12.1





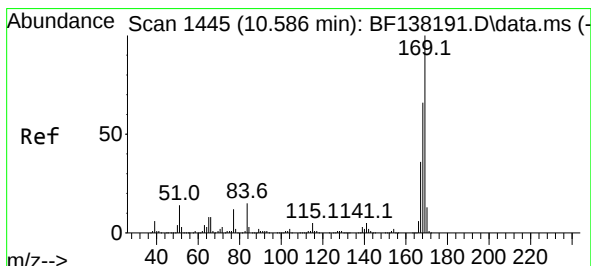
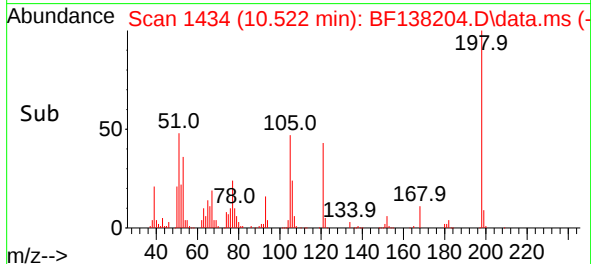
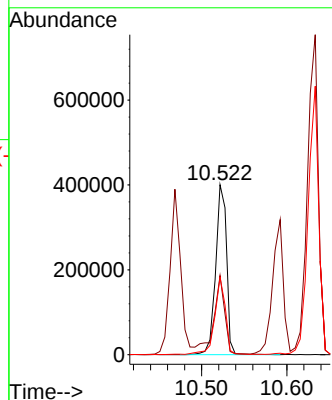
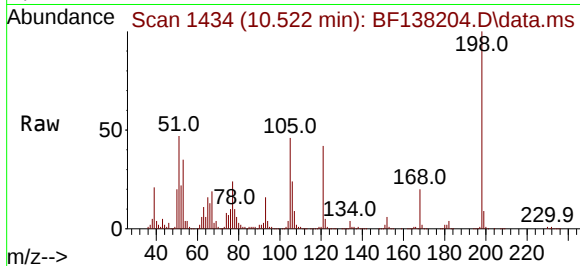
#65
4,6-Dinitro-2-methylphenol
Concen: 43.415 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :
BNA_F
ClientSampleId :
PB161522BS

Tgt Ion:198 Resp: 35731
Ion Ratio Lower Upper
198 100
51 46.6 26.9 66.9
105 45.6 26.0 66.0

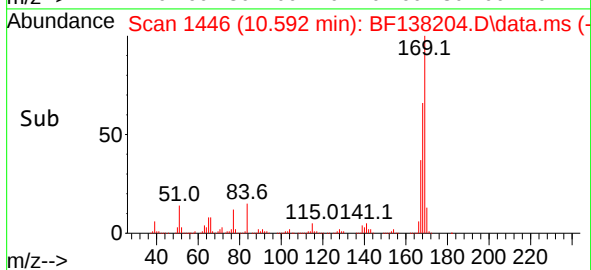
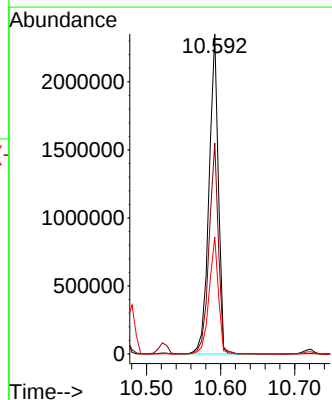
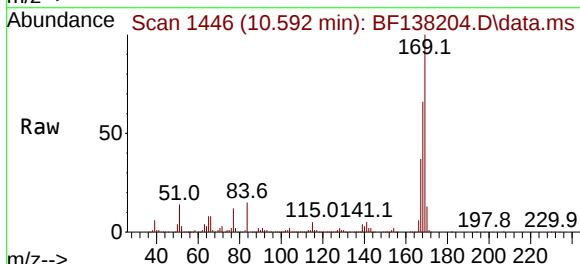
Manual Integrations
APPROVED

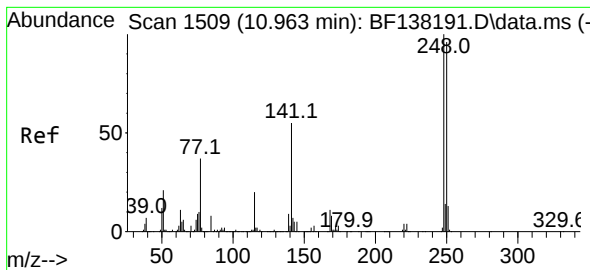
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#66
n-Nitrosodiphenylamine
Concen: 40.920 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion:169 Resp: 2060139
Ion Ratio Lower Upper
169 100
168 65.9 52.9 79.3
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 40.784 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

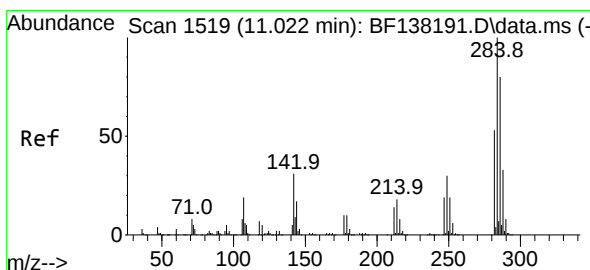
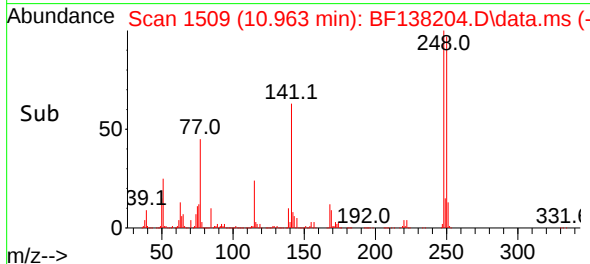
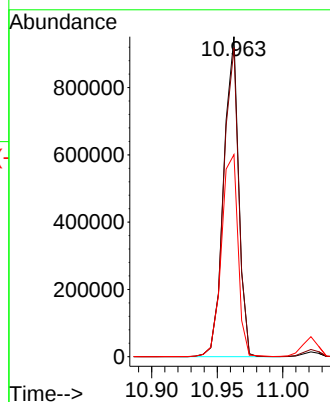
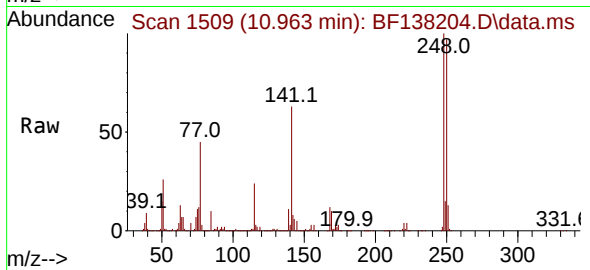
PB161522BS

Tgt Ion:248 Resp: 75574
Ion Ratio Lower Upper
248 100
250 96.5 77.2 115.8
141 63.2 44.1 66.1

Manual Integrations

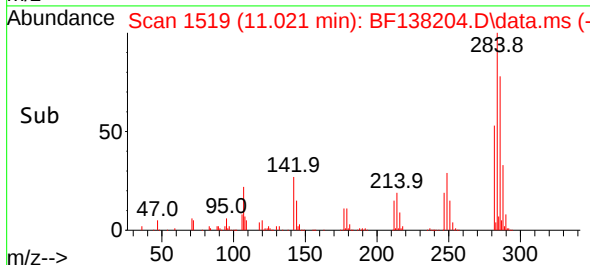
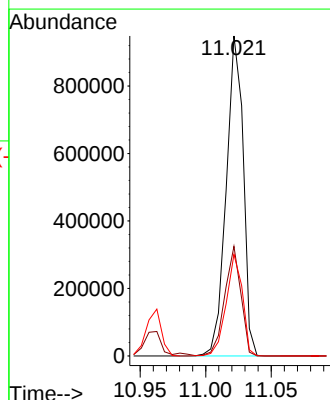
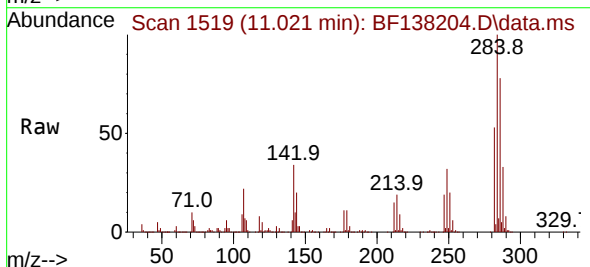
APPROVED

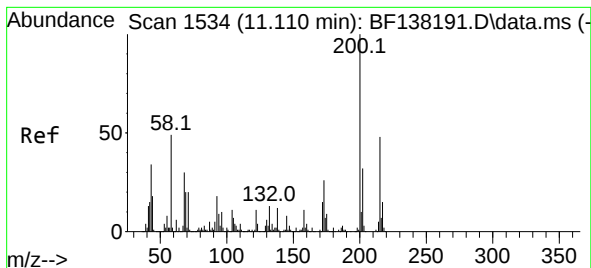
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#68
Hexachlorobenzene
Concen: 39.466 ng
RT: 11.021 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion:284 Resp: 853441
Ion Ratio Lower Upper
284 100
142 34.3 24.8 37.2
249 31.7 23.8 35.6





#69

Atrazine

Concen: 46.931 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138204.D

Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

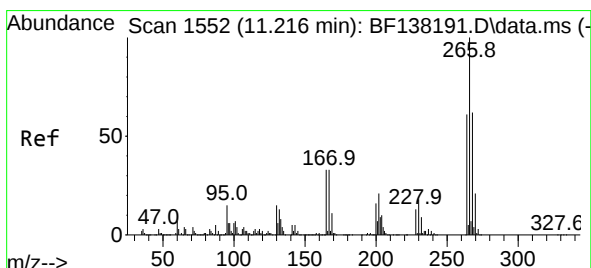
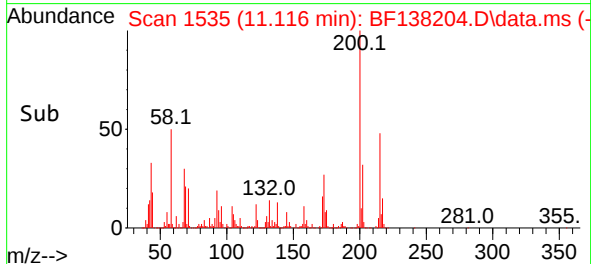
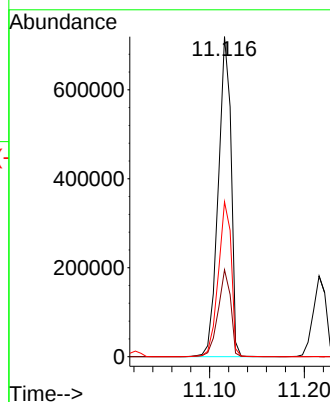
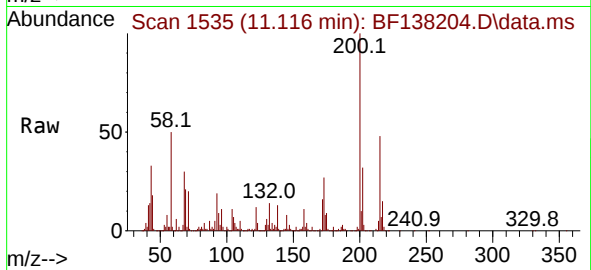
PB161522BS

Tgt Ion:200 Resp: 67299
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.3 46.3
 215 48.4 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2024
 Supervised By :mohammad ahmed 06/19/2024



#70

Pentachlorophenol

Concen: 78.951 ng

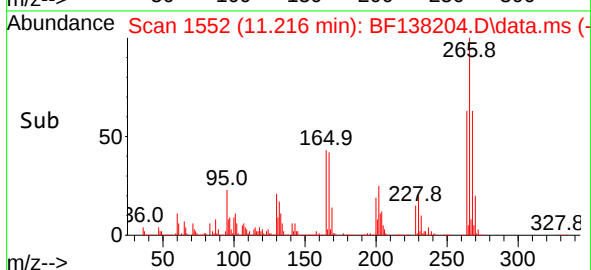
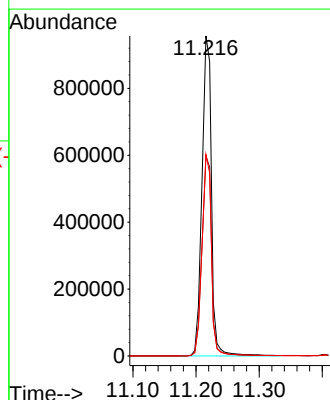
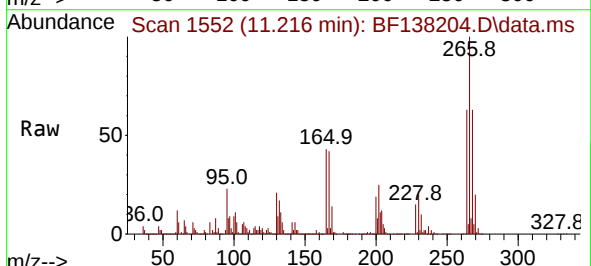
RT: 11.216 min Scan# 1552

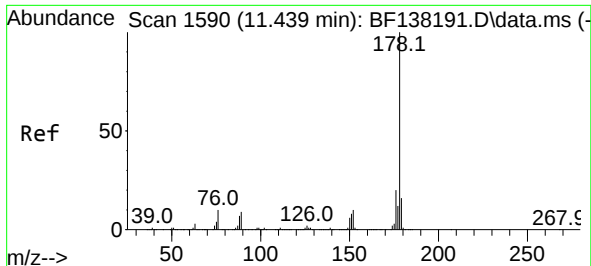
Delta R.T. -0.000 min

Lab File: BF138204.D

Acq: 17 Jun 2024 15:00

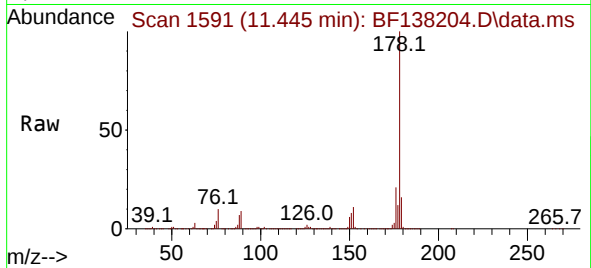
Tgt Ion:266 Resp: 995704
 Ion Ratio Lower Upper
 266 100
 268 62.5 49.5 74.3
 264 63.0 49.2 73.8





#71
Phenanthrene
Concen: 40.653 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

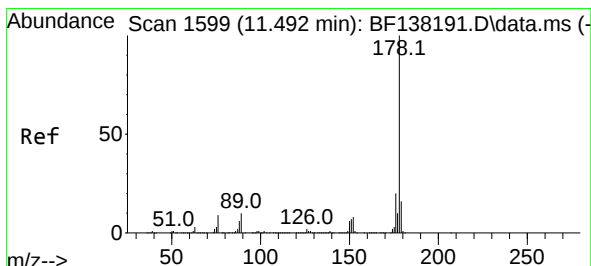
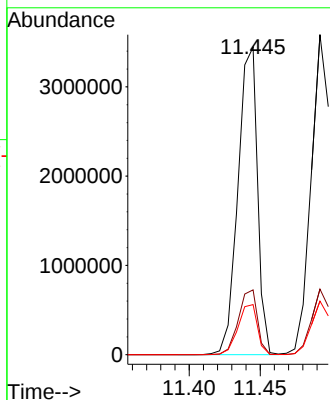
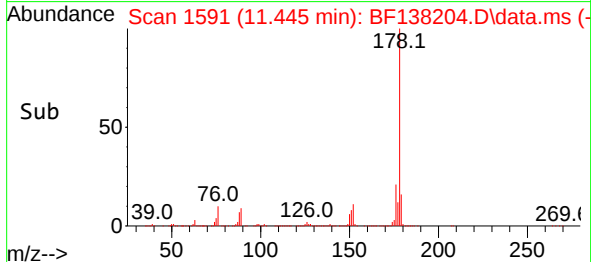
Instrument :
BNA_F
ClientSampleId :
PB161522BS



Tgt Ion:178 Resp: 330605
Ion Ratio Lower Upper
178 100
176 21.1 16.4 24.6
179 16.3 13.1 19.7

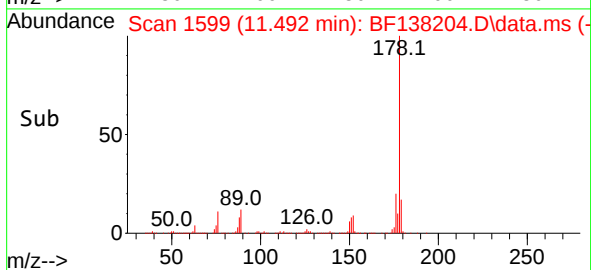
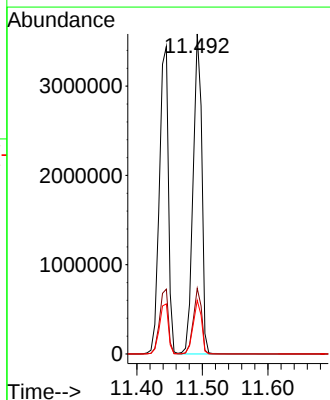
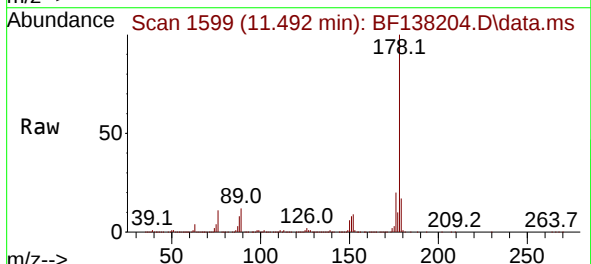
Manual Integrations
APPROVED

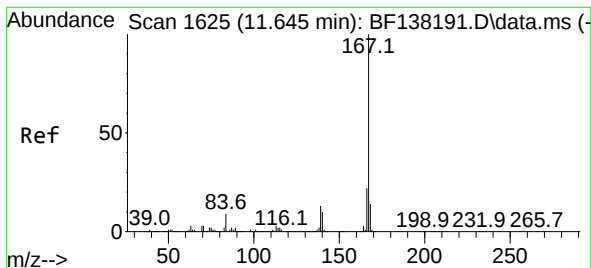
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#72
Anthracene
Concen: 40.833 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion:178 Resp: 3297017
Ion Ratio Lower Upper
178 100
176 20.5 15.7 23.5
179 16.7 13.0 19.6





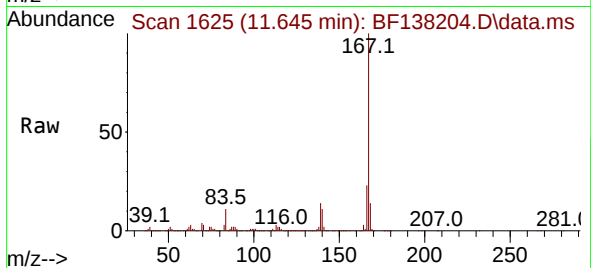
#73
 Carbazole
 Concen: 40.313 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF138204.D
 Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

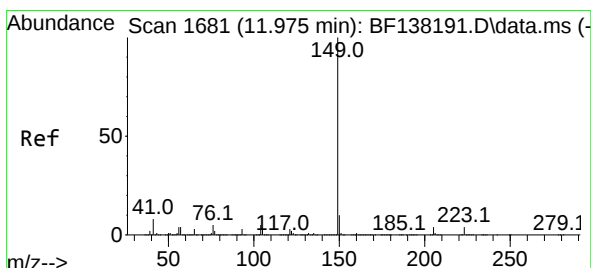
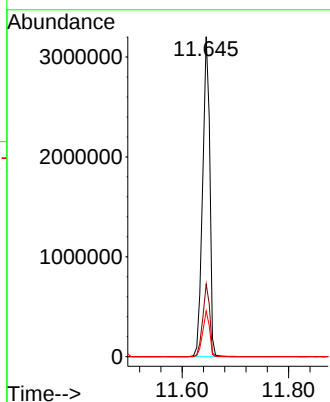
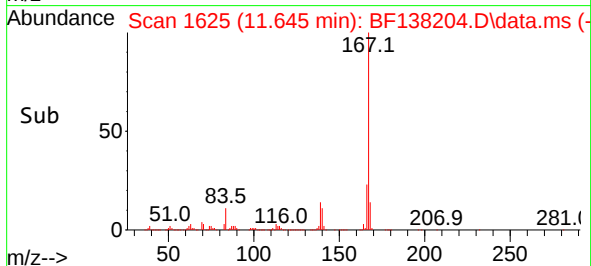


Tgt Ion:167 Resp: 2985462
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 14.3 10.6 16.0

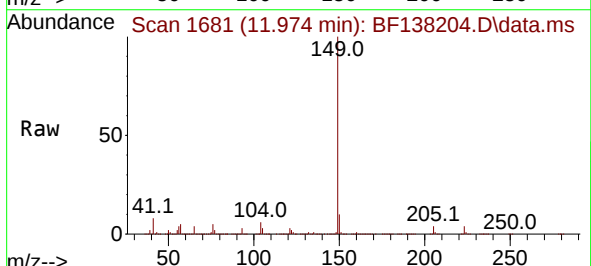
Manual Integrations

APPROVED

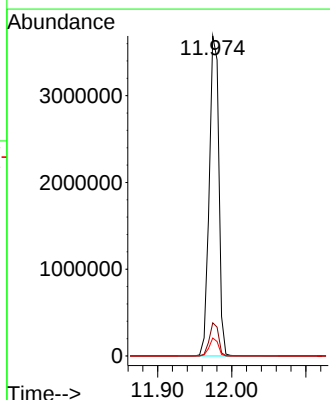
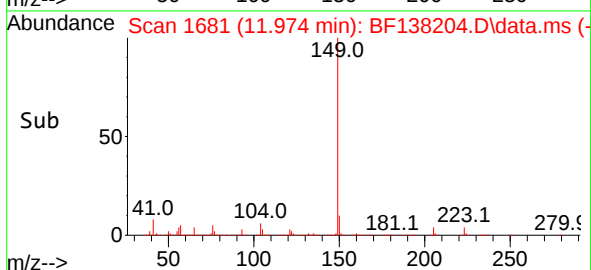
Reviewed By :Jagrut Upadhyay 06/18/2024
 Supervised By :mohammad ahmed 06/19/2024

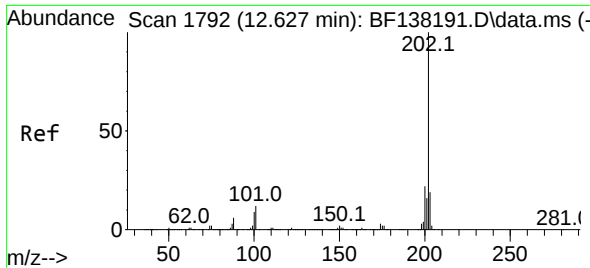


#74
 Di-n-butylphthalate
 Concen: 43.255 ng
 RT: 11.974 min Scan# 1681
 Delta R.T. -0.000 min
 Lab File: BF138204.D
 Acq: 17 Jun 2024 15:00



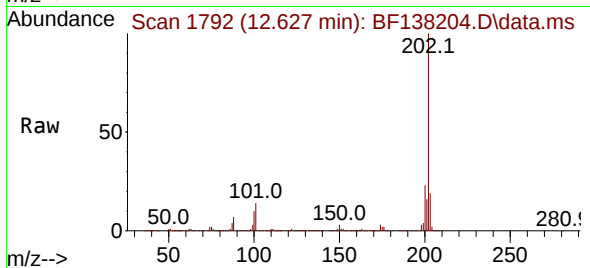
Tgt Ion:149 Resp: 3316271
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.2 12.2
 104 5.6 4.1 6.1





#75
Fluoranthene
Concen: 39.238 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

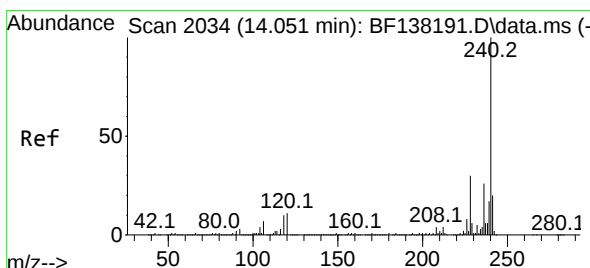
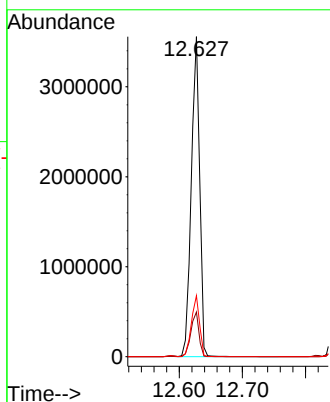
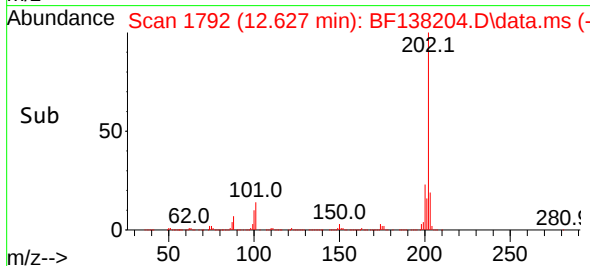
Instrument :
BNA_F
ClientSampleId :
PB161522BS



Tgt Ion:202 Resp: 325391
Ion Ratio Lower Upper
202 100
101 14.0 0.0 31.8
203 19.1 0.0 38.6

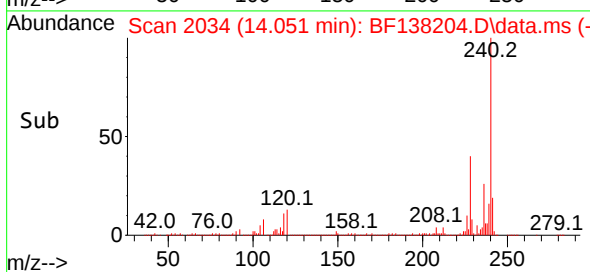
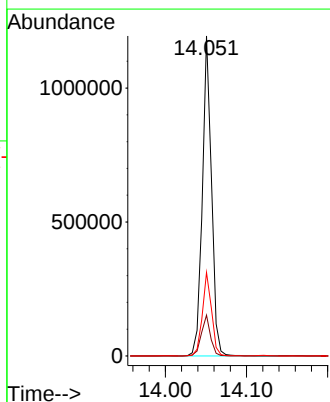
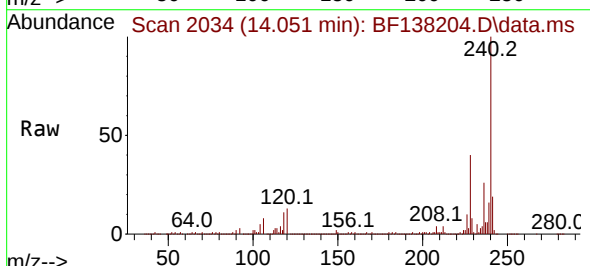
Manual Integrations
APPROVED

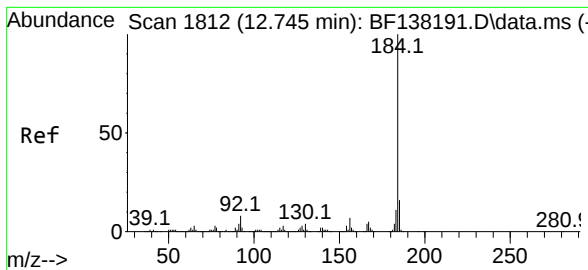
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

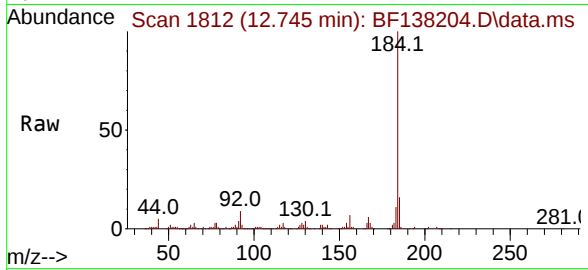
Tgt Ion:240 Resp: 934440
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 26.1 21.0 31.6





#77
Benzidine
Concen: 8.471 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

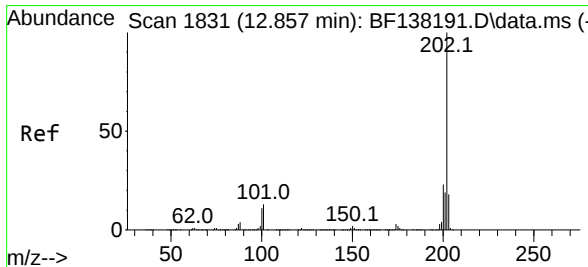
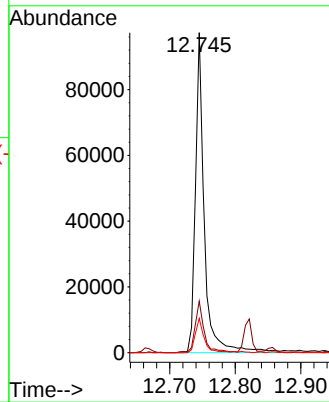
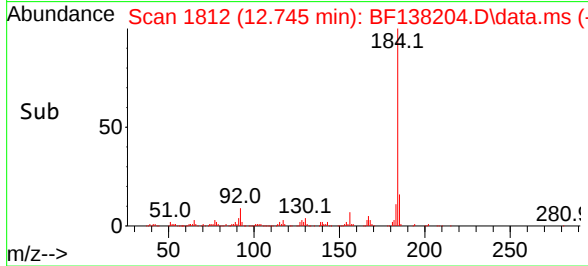
Instrument : BNA_F
ClientSampleId : PB161522BS



Tgt Ion:	184	Resp:	91560
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.6	19.0
183	10.7	9.0	13.6

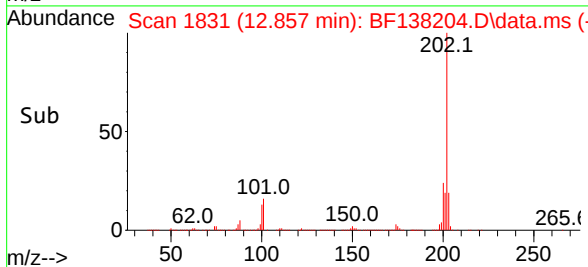
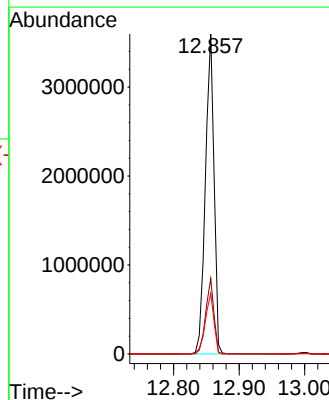
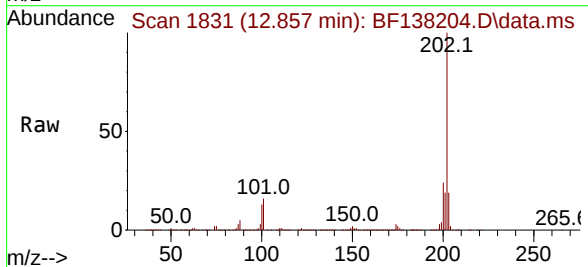
Manual Integrations
APPROVED

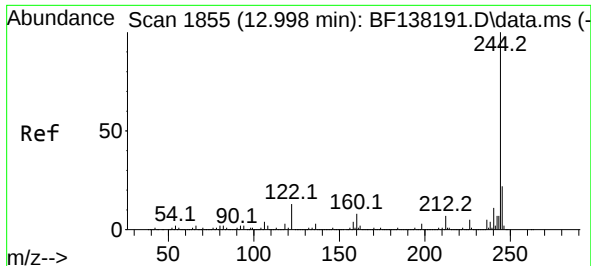
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#78
Pyrene
Concen: 40.939 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion:	202	Resp:	3299707
Ion Ratio	Lower	Upper	
202	100		
200	23.5	18.0	27.0
203	18.9	14.7	22.1





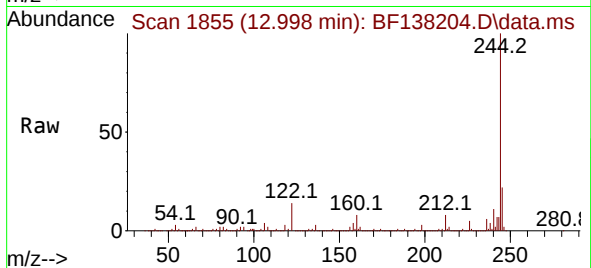
#79
 Terphenyl-d14
 Concen: 75.805 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: BF138204.D
 Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

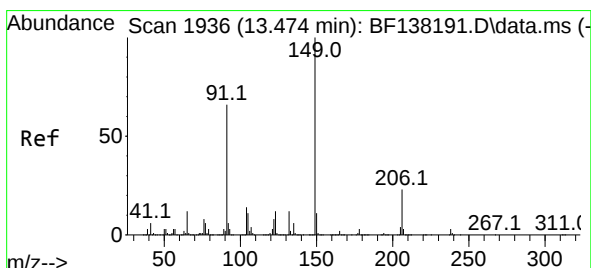
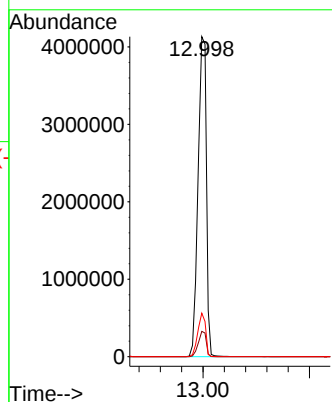
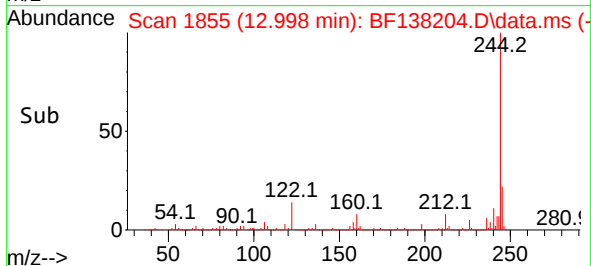


Tgt Ion:244 Resp: 447241
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 13.6 10.6 15.8

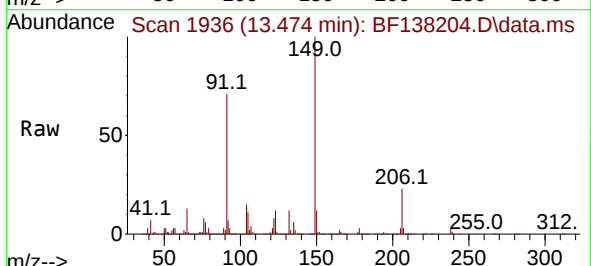
Manual Integrations

APPROVED

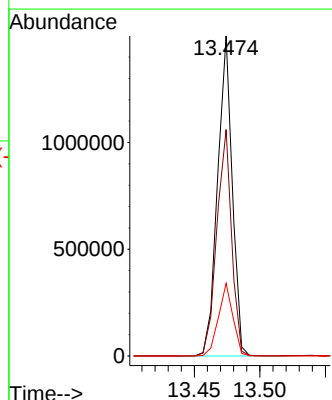
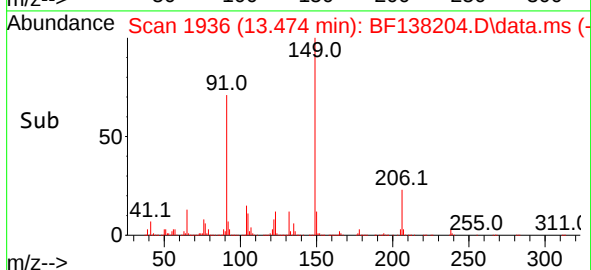
Reviewed By :Jagrut Upadhyay 06/18/2024
 Supervised By :mohammad ahmed 06/19/2024

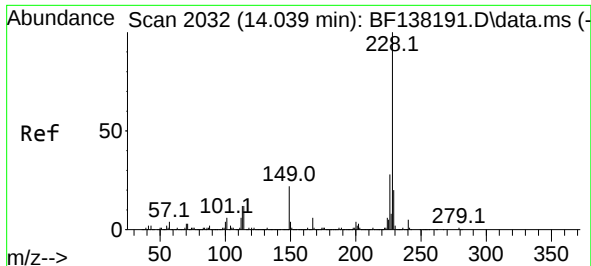


#80
 Butylbenzylphthalate
 Concen: 53.135 ng
 RT: 13.474 min Scan# 1936
 Delta R.T. -0.000 min
 Lab File: BF138204.D
 Acq: 17 Jun 2024 15:00



Tgt Ion:149 Resp: 1164936
 Ion Ratio Lower Upper
 149 100
 91 70.8 53.2 79.8
 206 22.7 18.6 27.8





#81
Benzo(a)anthracene
Concen: 42.104 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

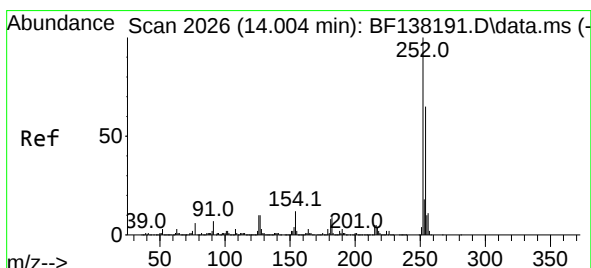
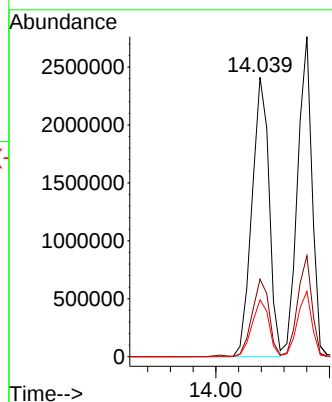
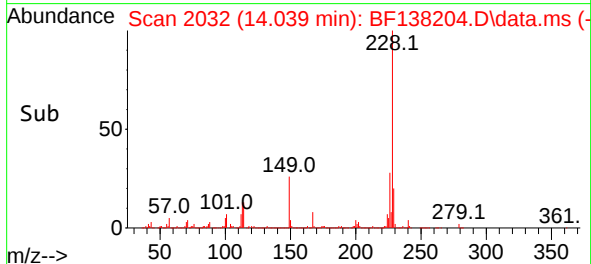
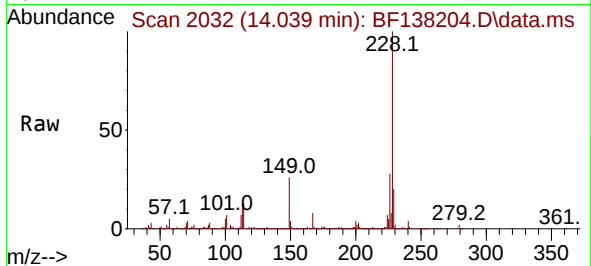
ClientSampleId :

PB161522BS

Tgt Ion:228 Resp: 252411
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 20.3 16.3 24.5

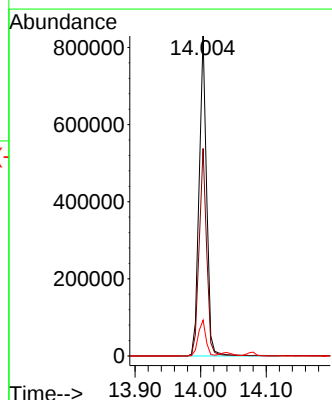
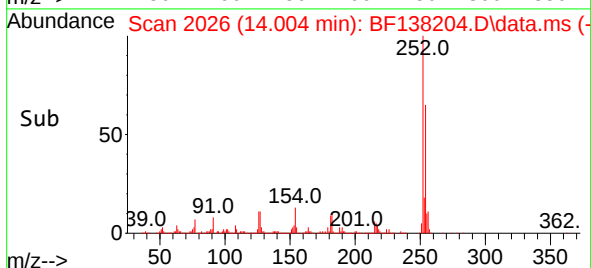
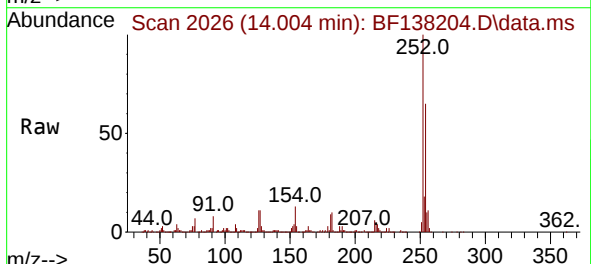
Manual Integrations
APPROVED

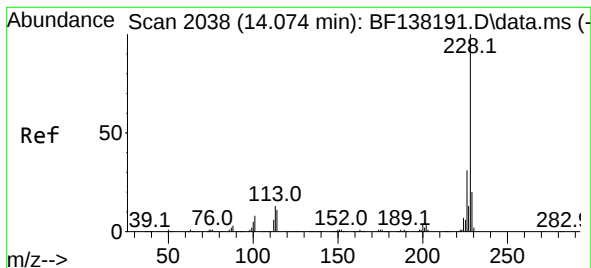
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#82
3,3'-Dichlorobenzidine
Concen: 40.186 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion:252 Resp: 663425
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 11.2 8.3 12.5





#83

Chrysene

Concen: 42.930 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF138204.D

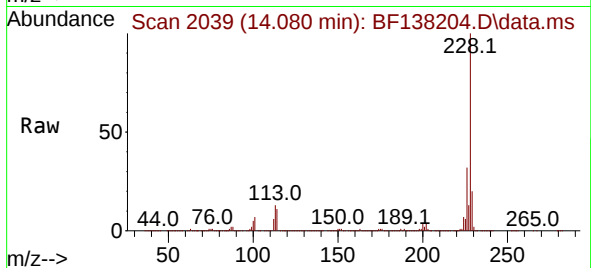
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS



Tgt Ion:228 Resp: 245309

Ion Ratio Lower Upper

228 100

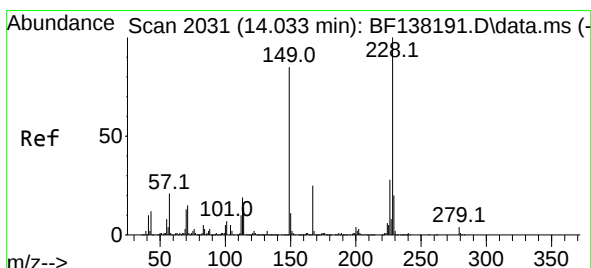
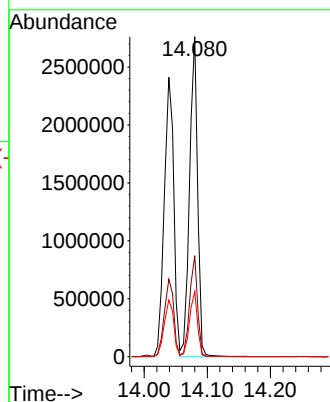
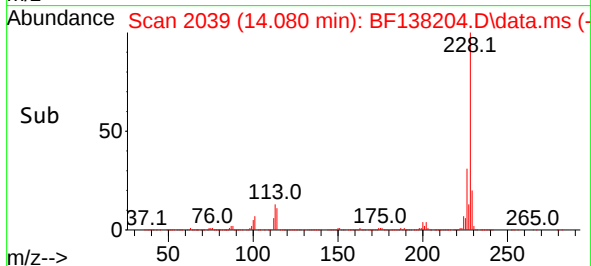
226 31.5 24.5 36.7

229 20.4 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.427 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF138204.D

Acq: 17 Jun 2024 15:00

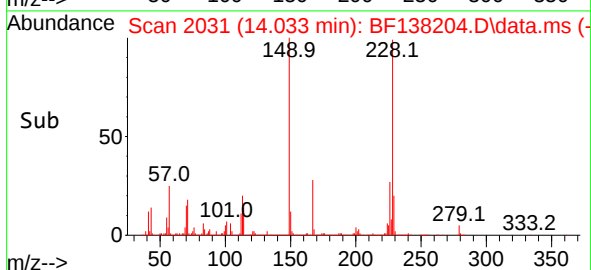
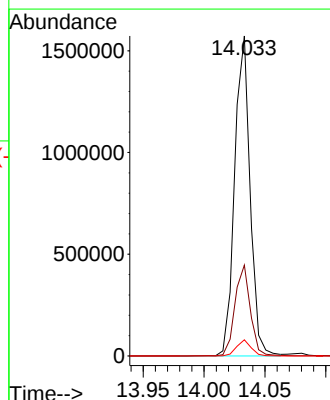
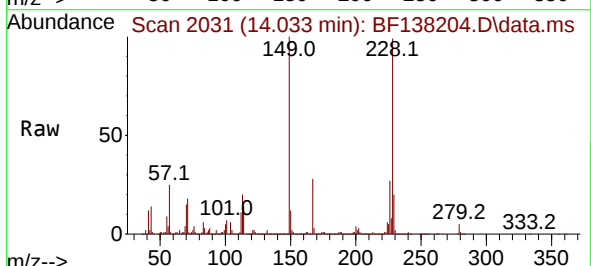
Tgt Ion:149 Resp: 1387831

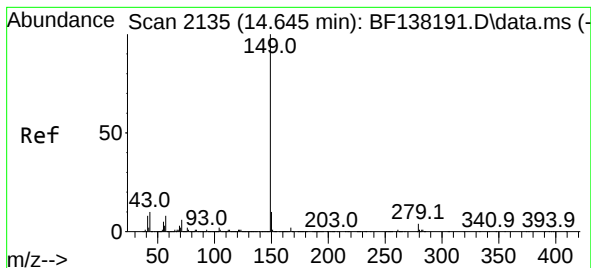
Ion Ratio Lower Upper

149 100

167 28.4 23.5 35.3

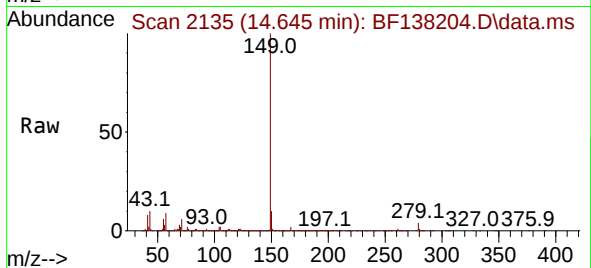
279 5.1 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 54.811 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

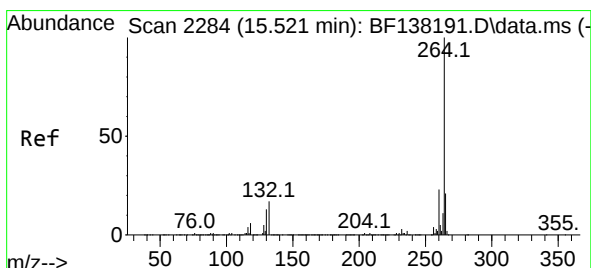
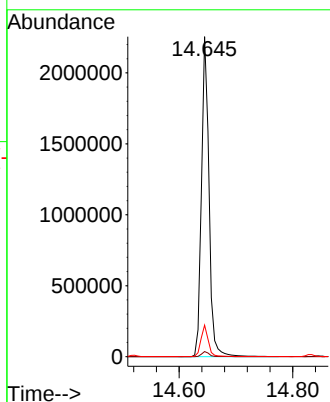
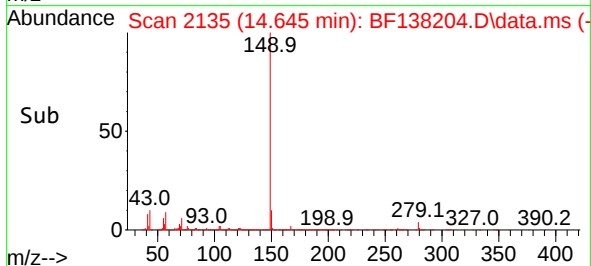
Instrument :
BNA_F
ClientSampleId :
PB161522BS



Tgt Ion:149 Resp: 207634
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.7 7.8 11.6

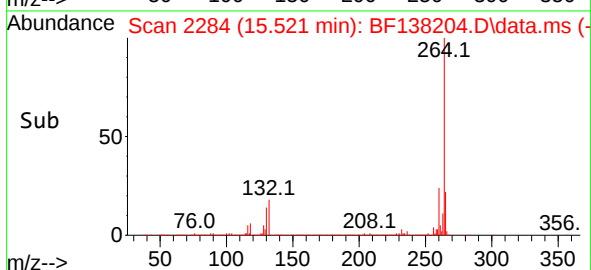
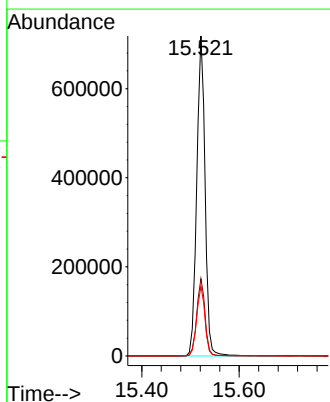
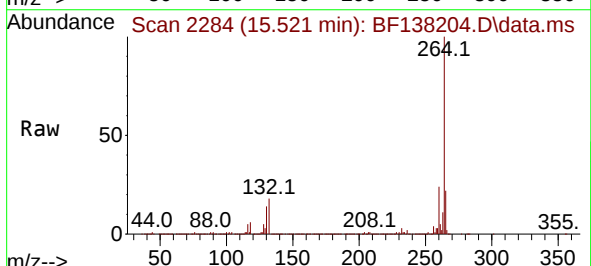
Manual Integrations
APPROVED

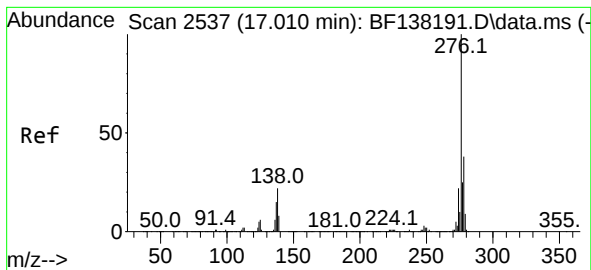
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion:264 Resp: 861029
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.520 ng

RT: 17.009 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138204.D

Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

Tgt Ion:276 Resp: 2835718

Ion Ratio Lower Upper

276 100

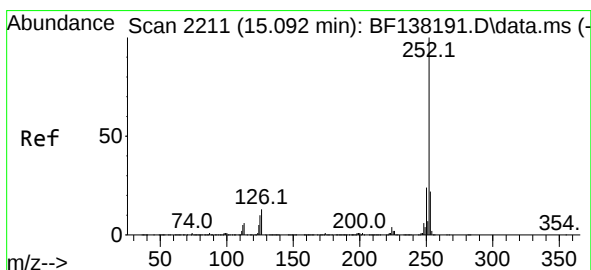
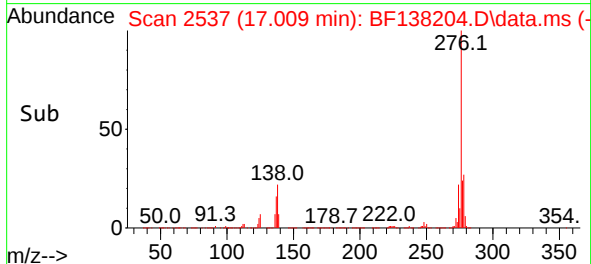
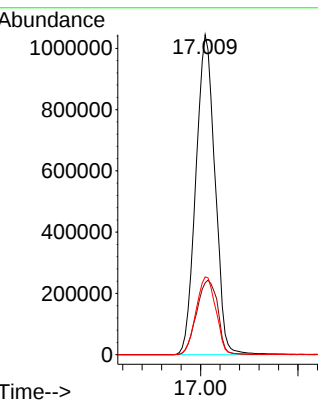
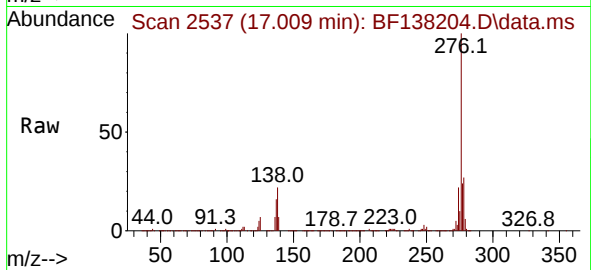
138 25.9 19.3 28.9

277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#88

Benzo(b)fluoranthene

Concen: 45.512 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF138204.D

Acq: 17 Jun 2024 15:00

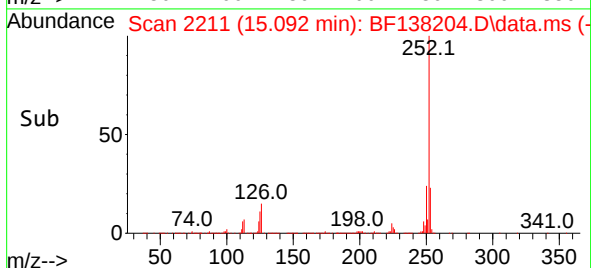
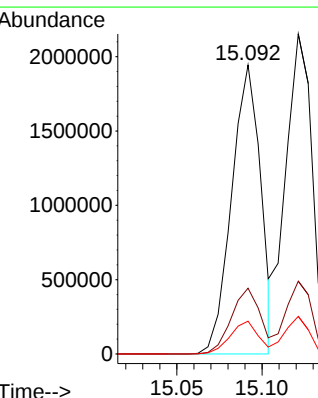
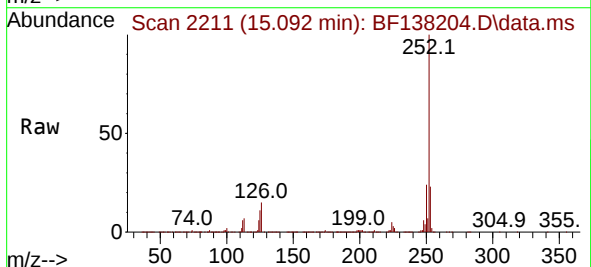
Tgt Ion:252 Resp: 2310922

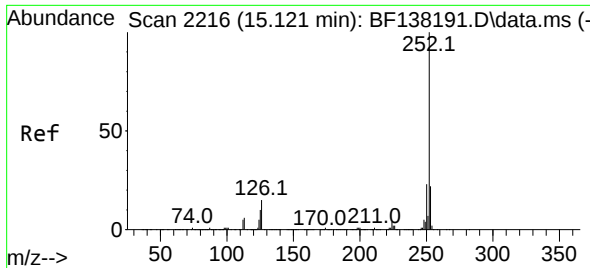
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 11.3 7.8 11.8





#89
Benzo(k)fluoranthene
Concen: 47.368 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

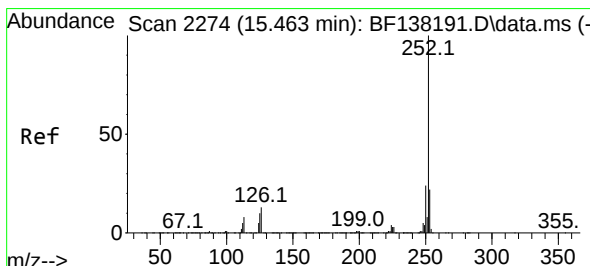
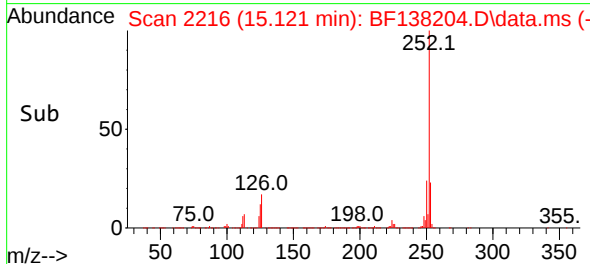
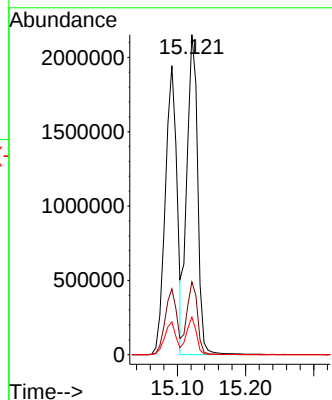
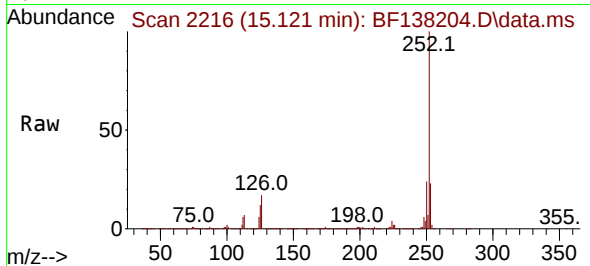
PB161522BS

Tgt Ion:252 Resp: 235711
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.7 8.0 12.0

Manual Integrations

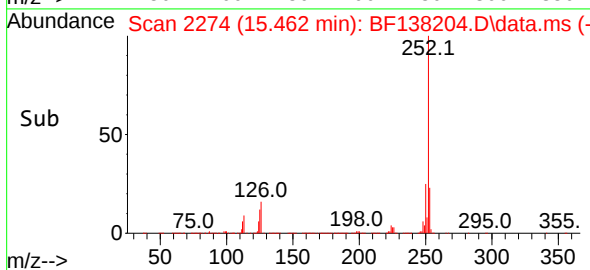
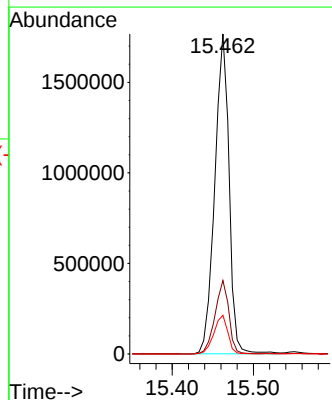
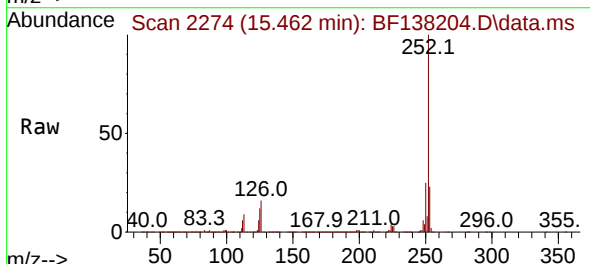
APPROVED

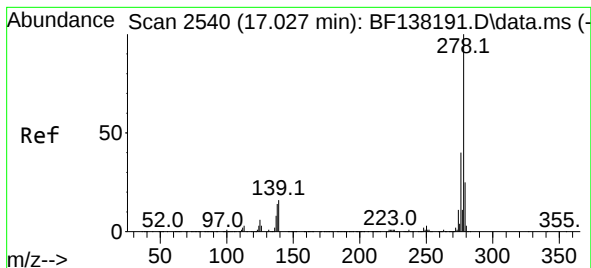
Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#90
Benzo(a)pyrene
Concen: 49.474 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138204.D
Acq: 17 Jun 2024 15:00

Tgt Ion:252 Resp: 2158120
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 12.1 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 50.880 ng

RT: 17.033 min Scan# 2541

Delta R.T. 0.006 min

Lab File: BF138204.D

Acq: 17 Jun 2024 15:00

Instrument :

BNA_F

ClientSampleId :

PB161522BS

Tgt Ion:278 Resp: 234417

Ion Ratio Lower Upper

278 100

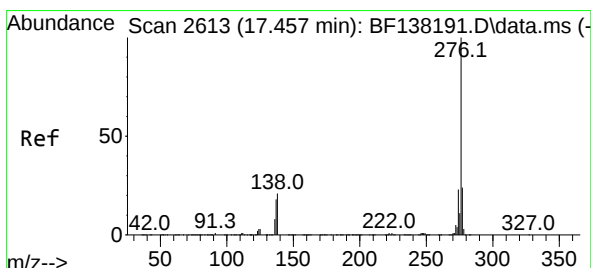
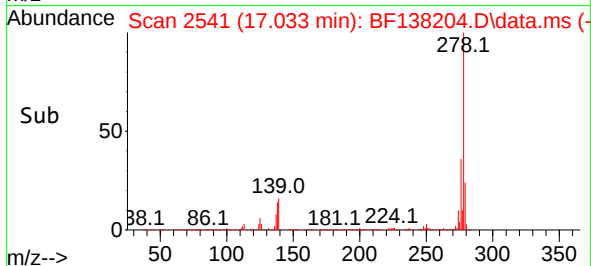
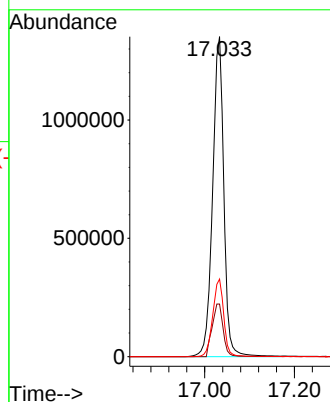
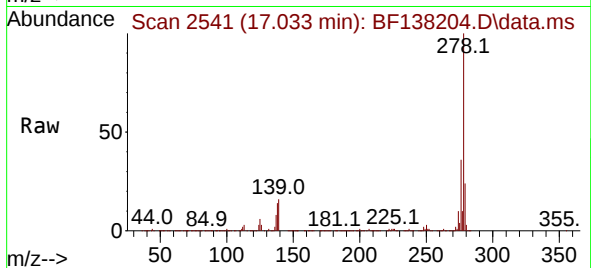
139 16.4 12.9 19.3

279 24.3 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024



#92

Benzo(g,h,i)perylene

Concen: 47.848 ng

RT: 17.462 min Scan# 2614

Delta R.T. 0.006 min

Lab File: BF138204.D

Acq: 17 Jun 2024 15:00

Tgt Ion:276 Resp: 2280579

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 22.3 16.6 24.8

