

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053124\
 Data File : BF138091.D
 Acq On : 31 May 2024 16:45
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: Jun 01 01:16:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:06:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	110704	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	420594	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	234380	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	400371	20.000	ng	0.00
76) Chrysene-d12	14.239	240	227470	20.000	ng	0.00
86) Perylene-d12	15.804	264	222390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	708520	114.411	ng	0.00
7) Phenol-d6	6.663	99	913076	114.498	ng	0.00
23) Nitrobenzene-d5	7.604	82	855477	118.521	ng	0.00
42) 2,4,6-Tribromophenol	10.886	330	323379	118.284	ng	0.00
45) 2-Fluorobiphenyl	9.404	172	1781733	112.684	ng	0.00
79) Terphenyl-d14	13.168	244	1901405	120.911	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.922	88	155621	57.882	ng	99
3) Pyridine	3.704	79	361376	60.810	ng	99
4) n-Nitrosodimethylamine	3.681	42	156664	60.036	ng	99
6) Aniline	6.710	93	211257m	57.311	ng	
8) 2-Chlorophenol	6.828	128	409628	57.660	ng	96
9) Benzaldehyde	6.592	77	157802	44.514	ng	99
10) Phenol	6.681	94	460858	58.265	ng	96
11) bis(2-Chloroethyl)ether	6.769	93	364837	55.829	ng	100
12) 1,3-Dichlorobenzene	6.981	146	476605	57.734	ng	99
13) 1,4-Dichlorobenzene	7.057	146	476468	57.415	ng	99
14) 1,2-Dichlorobenzene	7.210	146	443441	56.472	ng	99
15) Benzyl Alcohol	7.175	79	225382	61.140	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.304	45	417039	57.902	ng	96
17) 2-Methylphenol	7.287	107	332326	58.277	ng	99
18) Hexachloroethane	7.551	117	163891	58.138	ng	99
19) n-Nitroso-di-n-propyla...	7.451	70	260356	56.302	ng	99
20) 3+4-Methylphenols	7.439	107	413536	57.687	ng	91
22) Acetophenone	7.445	105	548179	57.850	ng	# 97
24) Nitrobenzene	7.628	77	431933	60.124	ng	97
25) Isophorone	7.857	82	732811	58.846	ng	99
26) 2-Nitrophenol	7.939	139	233010	60.683	ng	95
27) 2,4-Dimethylphenol	7.963	122	281503	61.246	ng	98
28) bis(2-Chloroethoxy)met...	8.063	93	447354	58.701	ng	99
29) 2,4-Dichlorophenol	8.181	162	370760	60.102	ng	98
30) 1,2,4-Trichlorobenzene	8.263	180	401981	58.799	ng	98
31) Naphthalene	8.345	128	1251537	57.833	ng	100
32) Benzoic acid	8.104	122	233820	61.951	ng	98
33) 4-Chloroaniline	8.416	127	436704m	59.862	ng	
34) Hexachlorobutadiene	8.451	225	262548	59.457	ng	99
35) Caprolactam	8.786	113	110684m	61.007	ng	
36) 4-Chloro-3-methylphenol	8.875	107	373871	60.457	ng	96
37) 2-Methylnaphthalene	9.039	142	813548	57.139	ng	98
38) 1-Methylnaphthalene	9.139	142	795465	57.410	ng	99
40) 1,2,4,5-Tetrachloroben...	9.204	216	395656	59.472	ng	100
41) Hexachlorocyclopentadiene	9.186	237	149821	64.557	ng	98
43) 2,4,6-Trichlorophenol	9.316	196	263780	59.773	ng	98

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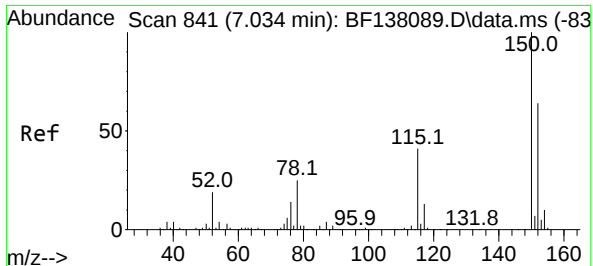
Manual Integrations
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 Supervised By :mohammad ahmed 06/01/2024

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	294342	61.172	ng	99
46) 1,1'-Biphenyl	9.504	154	980989	58.192	ng	99
47) 2-Chloronaphthalene	9.533	162	791024	58.506	ng	99
48) 2-Nitroaniline	9.633	65	206555	61.010	ng	89
49) Acenaphthylene	9.951	152	1124307	58.106	ng	99
50) Dimethylphthalate	9.804	163	917001	59.042	ng	99
51) 2,6-Dinitrotoluene	9.869	165	213344	59.834	ng	91
52) Acenaphthene	10.122	154	714619	58.316	ng	98
53) 3-Nitroaniline	10.045	138	206480	60.838	ng	95
54) 2,4-Dinitrophenol	10.151	184	112829	65.085	ng	92
55) Dibenzofuran	10.298	168	1086069	57.722	ng	98
56) 4-Nitrophenol	10.204	139	155526	68.754	ng	94
57) 2,4-Dinitrotoluene	10.275	165	286823	61.001	ng	95
58) Fluorene	10.639	166	876106	57.792	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.410	232	229976	60.620	ng	98
60) Diethylphthalate	10.498	149	865840	58.695	ng	99
61) 4-Chlorophenyl-phenyle...	10.627	204	438862	57.330	ng	98
62) 4-Nitroaniline	10.663	138	173291	56.240	ng	97
63) Azobenzene	10.786	77	753694	59.458	ng	99
65) 4,6-Dinitro-2-methylph...	10.686	198	162071	64.556	ng	89
66) n-Nitrosodiphenylamine	10.745	169	729894	58.604	ng	100
67) 4-Bromophenyl-phenylether	11.122	248	279971	59.659	ng	99
68) Hexachlorobenzene	11.186	284	311271	59.692	ng	99
69) Atrazine	11.274	200	213613	62.123	ng	98
70) Pentachlorophenol	11.386	266	176921	65.536	ng	98
71) Phenanthrene	11.610	178	1166475	57.921	ng	99
72) Anthracene	11.663	178	1159883	57.749	ng	99
73) Carbazole	11.816	167	1082080	57.986	ng	100
74) Di-n-butylphthalate	12.127	149	1298753	58.317	ng	100
75) Fluoranthene	12.804	202	1197979	56.378	ng	100
77) Benzidine	12.939	184	127320	65.203	ng	96
78) Pyrene	13.033	202	1194987	61.839	ng	99
80) Butylbenzylphthalate	13.639	149	426198	60.748	ng	99
81) Benzo(a)anthracene	14.227	228	880771	59.288	ng	98
82) 3,3'-Dichlorobenzidine	14.186	252	228331	57.376	ng	# 99
83) Chrysene	14.263	228	836817	59.658	ng	100
84) Bis(2-ethylhexyl)phtha...	14.192	149	574003	60.138	ng	# 97
85) Di-n-octyl phthalate	14.815	149	851905	60.903	ng	100
87) Indeno(1,2,3-cd)pyrene	17.445	276	881600	65.770	ng	100
88) Benzo(b)fluoranthene	15.333	252	831115	60.663	ng	99
89) Benzo(k)fluoranthene	15.368	252	732892	56.301	ng	98
90) Benzo(a)pyrene	15.739	252	684804	59.795	ng	98
91) Dibenzo(a,h)anthracene	17.468	278	720397	65.507	ng	99
92) Benzo(g,h,i)perylene	17.951	276	737846	66.055	ng	99

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



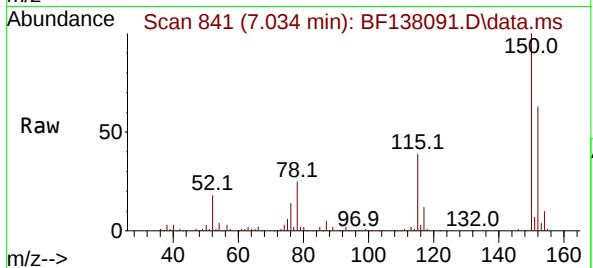
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

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SSTDICC060



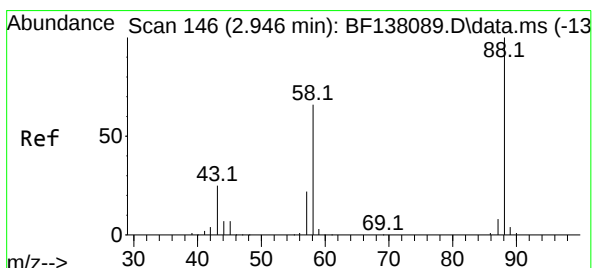
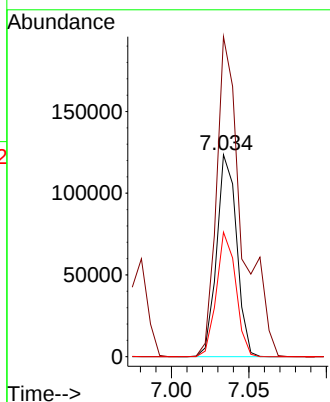
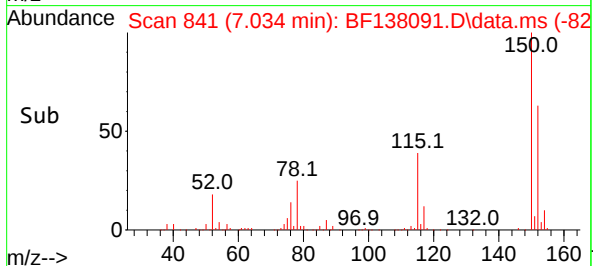
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Ion Ratio Lower Upper
152 100
150 158.5 125.4 188.0
115 61.6 51.6 77.4

Manual Integrations

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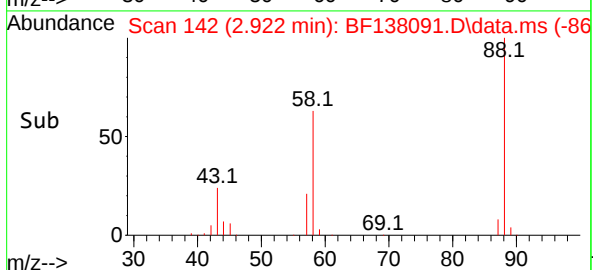
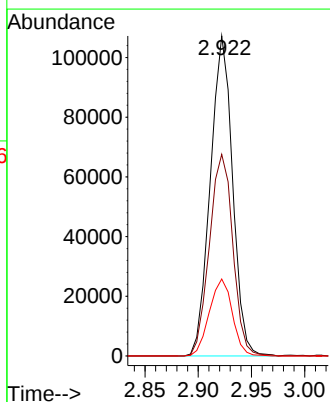
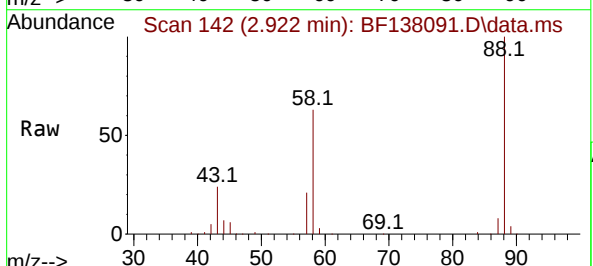
Reviewed By :Yogesh Patel 06/01/2024

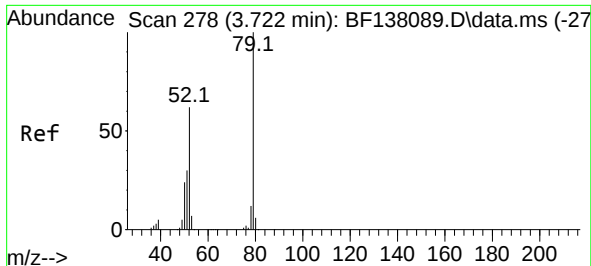
Supervised By :mohammad ahmed 06/01/2024



#2
1,4-Dioxane
Concen: 57.882 ng
RT: 2.922 min Scan# 142
Delta R.T. -0.023 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion: 88 Resp: 155621
Ion Ratio Lower Upper
88 100
58 66.3 52.2 78.4
43 24.8 19.4 29.2





#3

Pyridine

Concen: 60.810 ng

RT: 3.704 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 361370

Ion Ratio Lower Upper

79 100

52 62.6 49.8 74.6

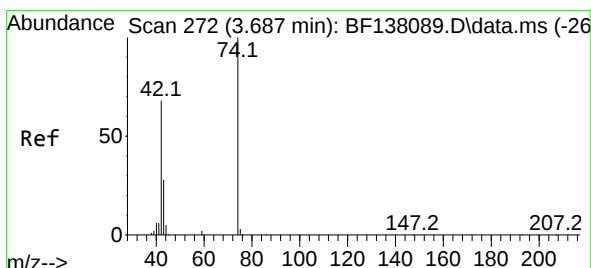
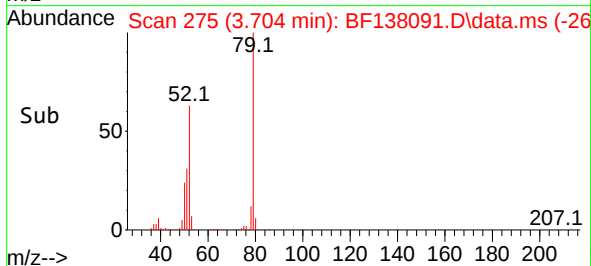
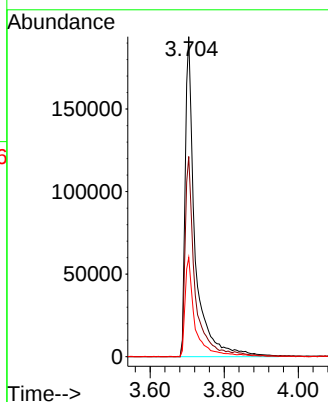
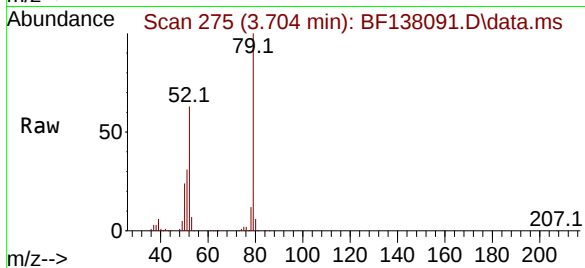
51 31.0 24.4 36.6

Manual Integrations

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Supervised By :mohammad ahmed 06/01/2024



#4

n-Nitrosodimethylamine

Concen: 60.036 ng

RT: 3.681 min Scan# 271

Delta R.T. -0.006 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

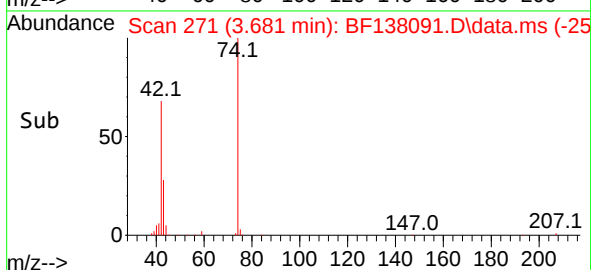
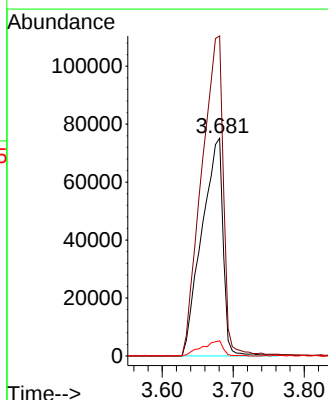
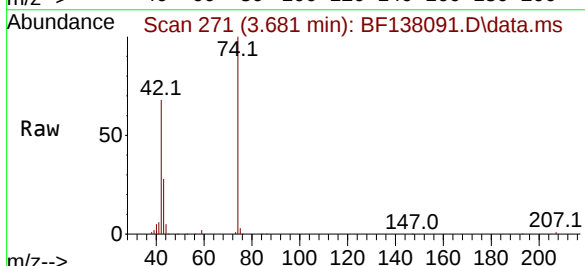
Tgt Ion: 42 Resp: 156664

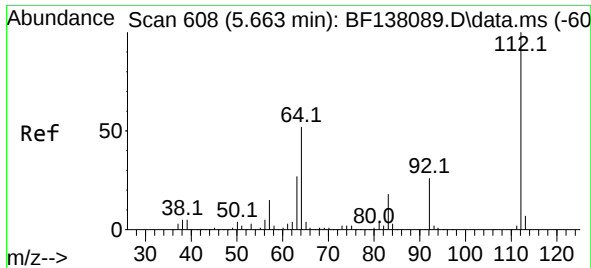
Ion Ratio Lower Upper

42 100

74 146.9 118.6 177.8

44 7.0 5.4 8.2





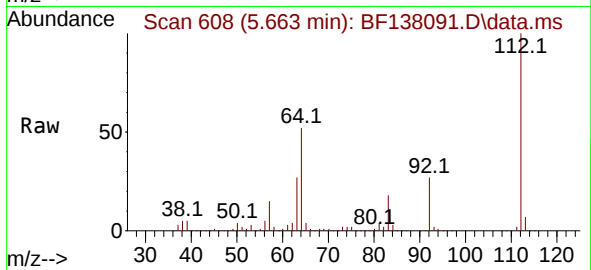
#5
2-Fluorophenol
Concen: 114.411 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



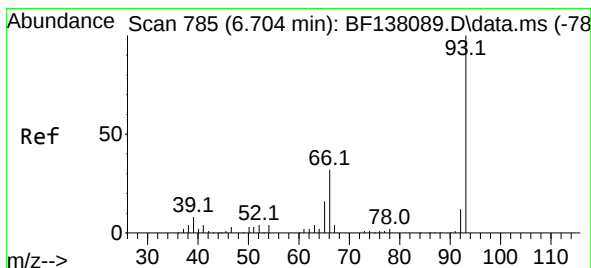
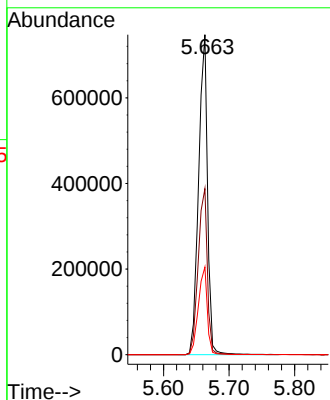
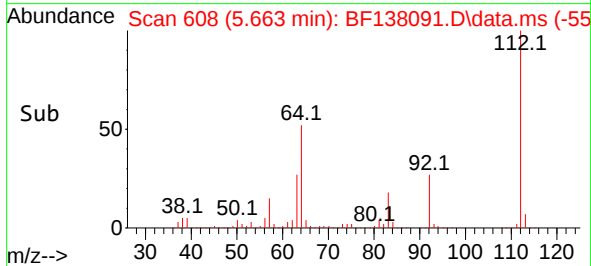
Tgt Ion:112 Resp: 708520
Ion Ratio Lower Upper
112 100
64 51.9 41.4 62.2
63 27.4 21.5 32.3

Manual Integrations

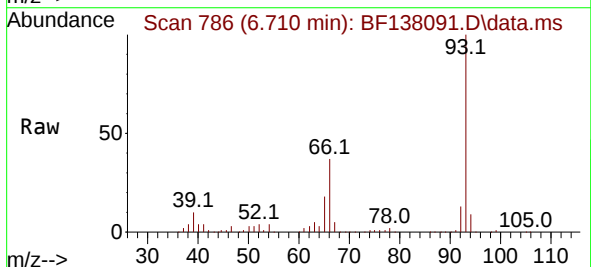
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Reviewed By :Yogesh Patel 06/01/2024

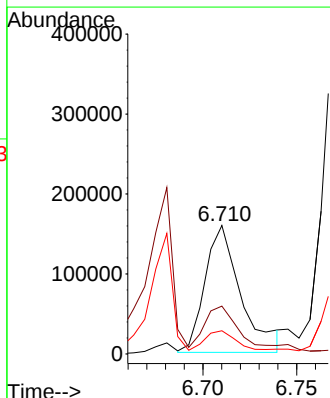
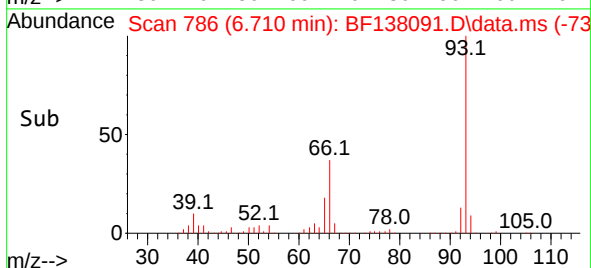
Supervised By :mohammad ahmed 06/01/2024

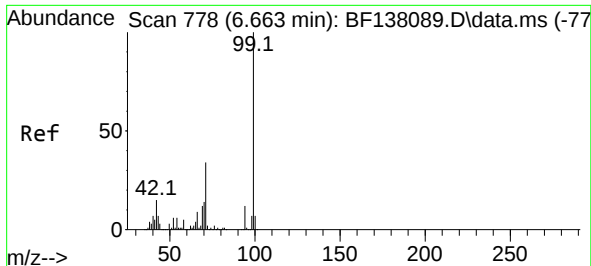


#6
Aniline
Concen: 57.311 ng m
RT: 6.710 min Scan# 786
Delta R.T. 0.006 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



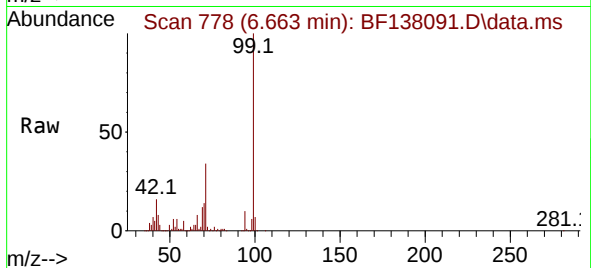
Tgt Ion: 93 Resp: 211257
Ion Ratio Lower Upper
93 100
66 37.3 30.4 45.6
65 18.1 16.2 24.4





#7
Phenol-d6
Concen: 114.498 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

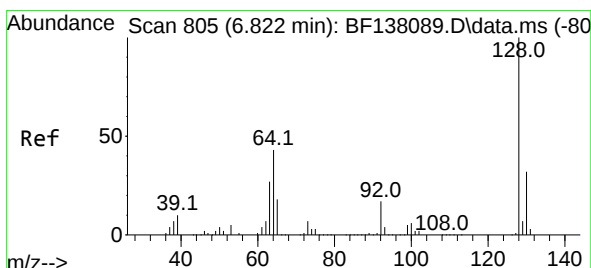
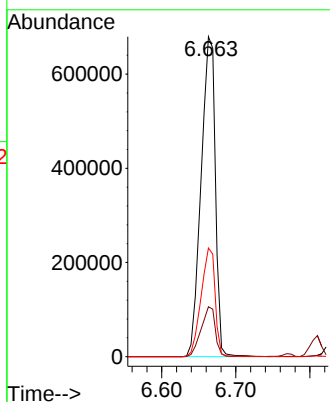
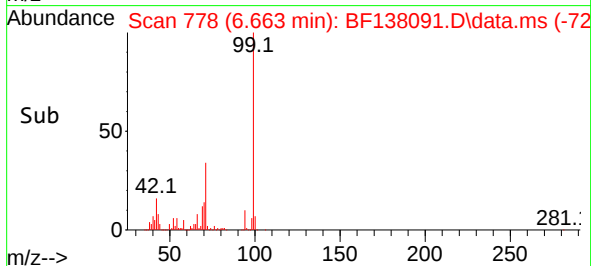
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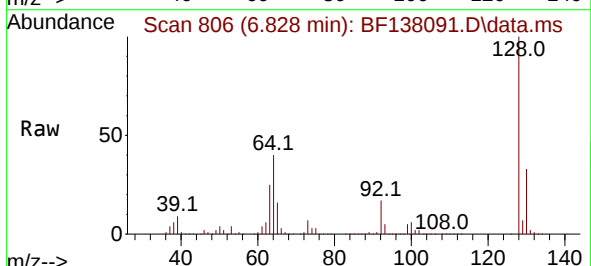
Tgt Ion: 99 Resp: 913070
Ion Ratio Lower Upper
99 100
42 15.6 11.9 17.9
71 33.9 26.8 40.2

Manual Integrations
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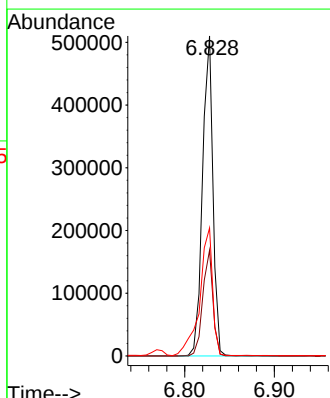
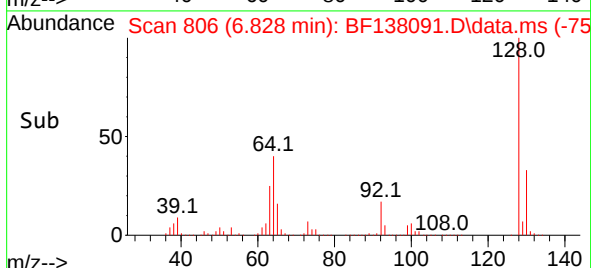
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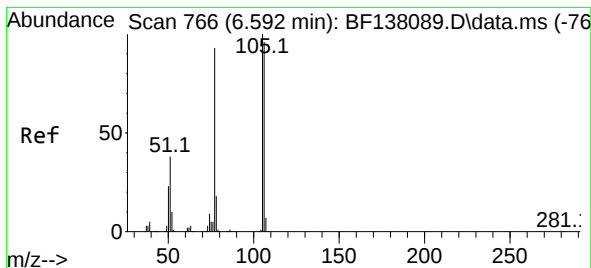


#8
2-Chlorophenol
Concen: 57.660 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.006 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



Tgt Ion:128 Resp: 409628
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 40.0 24.0 64.0





#9

Benzaldehyde

Concen: 44.514 ng

RT: 6.592 min Scan# 766

Delta R.T. 0.000 min

Lab File: BF138091.D

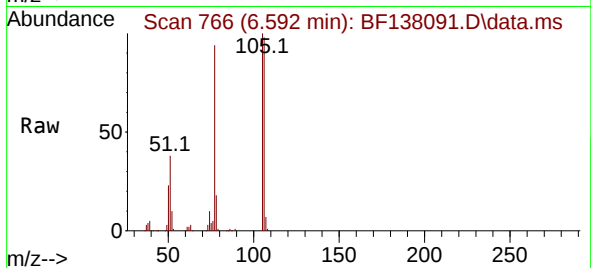
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 77 Resp: 15780

Ion Ratio Lower Upper

77 100

105 106.6 88.0 128.0

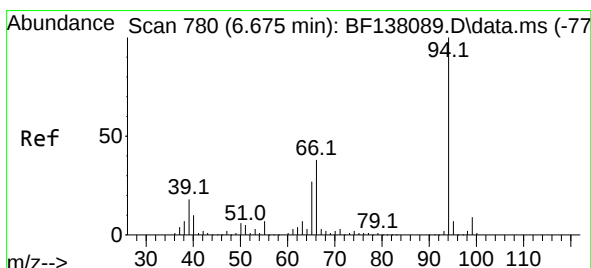
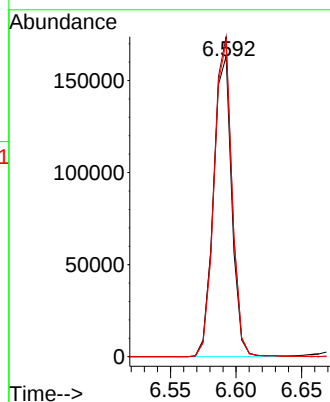
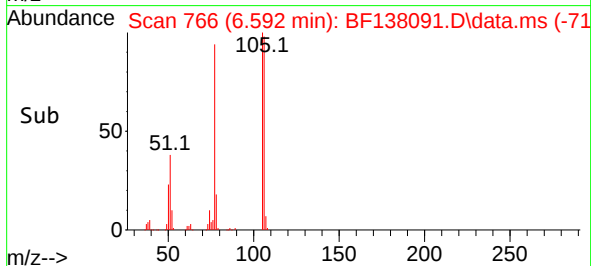
106 104.8 83.7 123.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024



#10

Phenol

Concen: 58.265 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.006 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

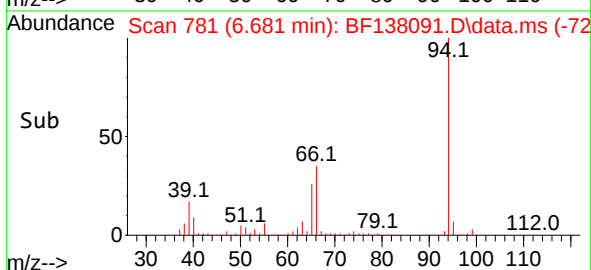
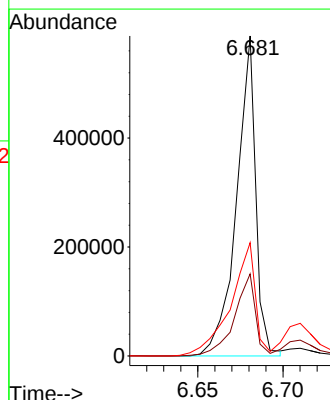
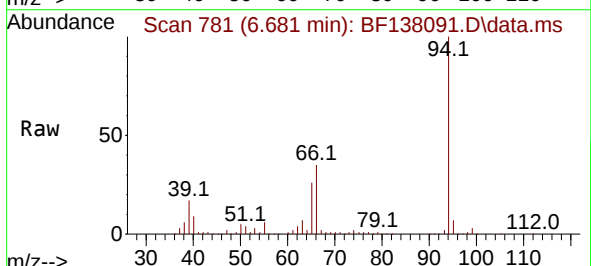
Tgt Ion: 94 Resp: 460858

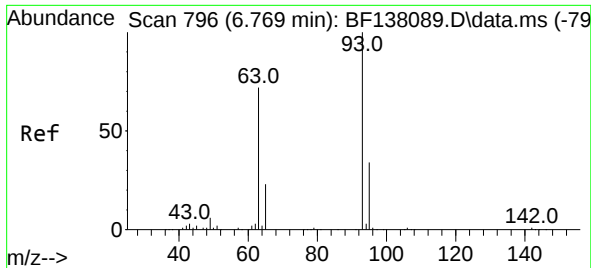
Ion Ratio Lower Upper

94 100

65 25.7 6.7 46.7

66 35.4 18.4 58.4





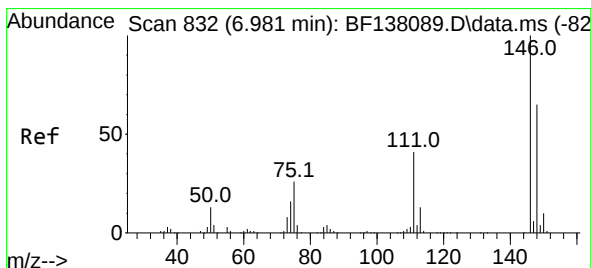
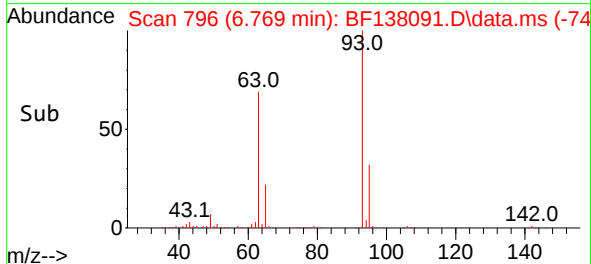
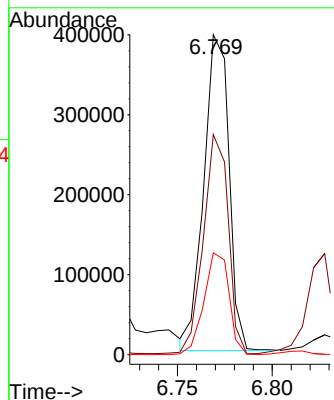
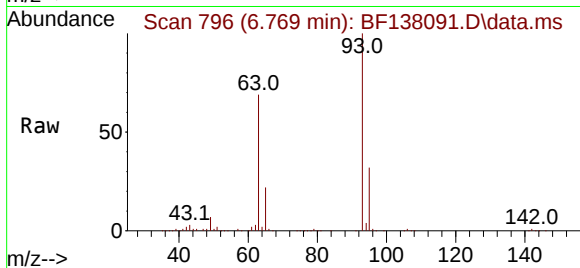
#11
bis(2-Chloroethyl)ether
Concen: 55.829 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 36483
Ion Ratio Lower Upper
93 100
63 68.8 48.7 88.7
95 31.9 12.5 52.5

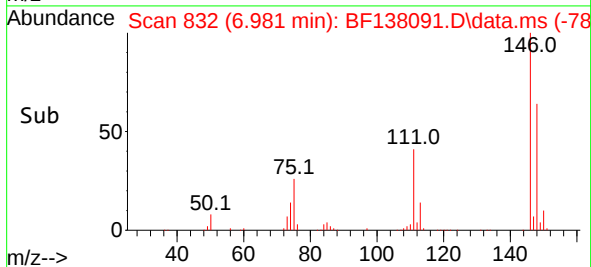
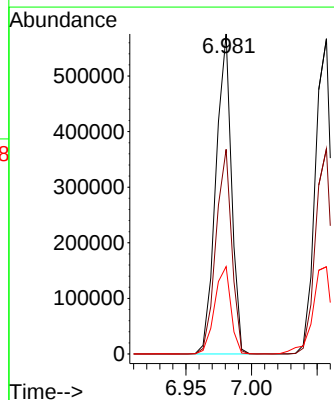
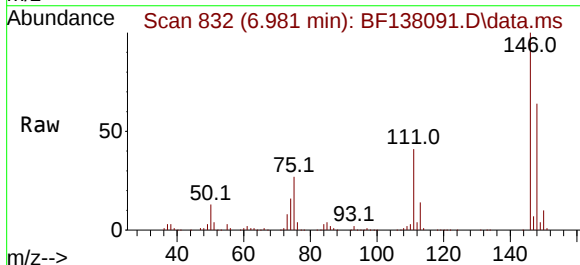
Manual Integrations
APPROVED

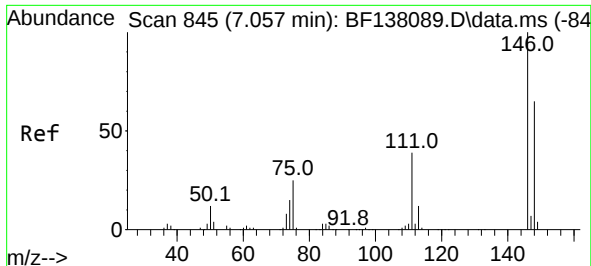
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#12
1,3-Dichlorobenzene
Concen: 57.734 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

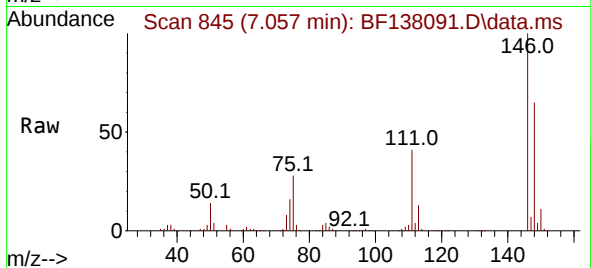
Tgt Ion:146 Resp: 476605
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 27.3 20.9 31.3





#13
1,4-Dichlorobenzene
Concen: 57.415 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

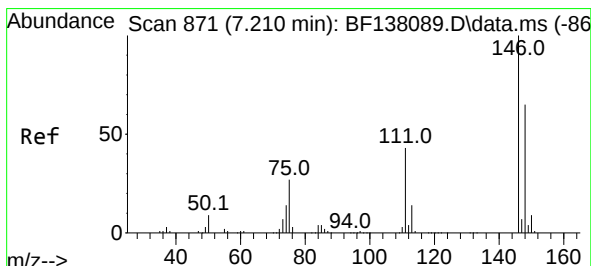
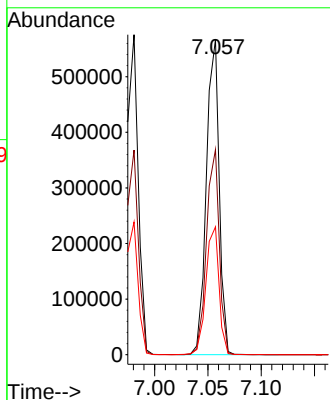
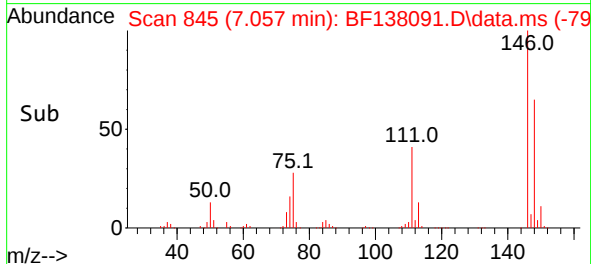
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



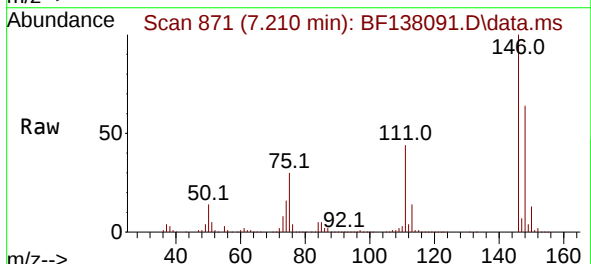
Tgt Ion:146 Resp: 476468
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.6
111 40.6 31.4 47.2

Manual Integrations
APPROVED

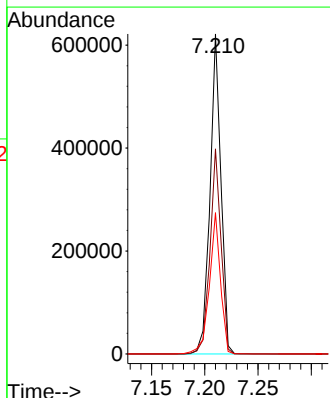
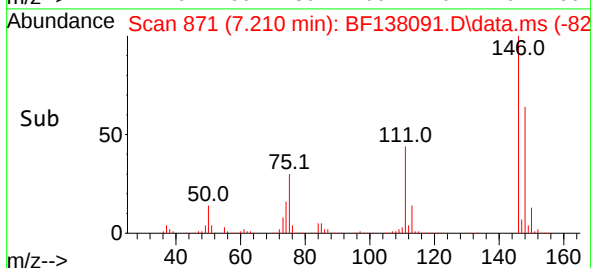
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

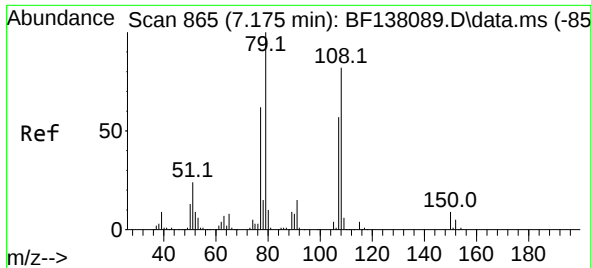


#14
1,2-Dichlorobenzene
Concen: 56.472 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



Tgt Ion:146 Resp: 443441
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
111 44.1 34.0 51.0





#15
Benzyl Alcohol
Concen: 61.140 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

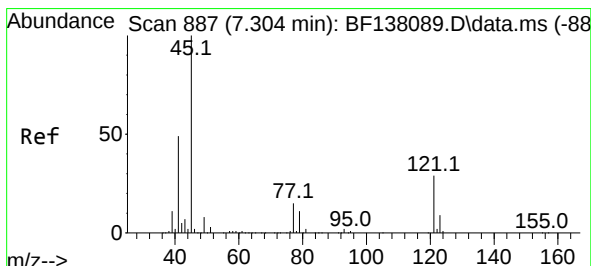
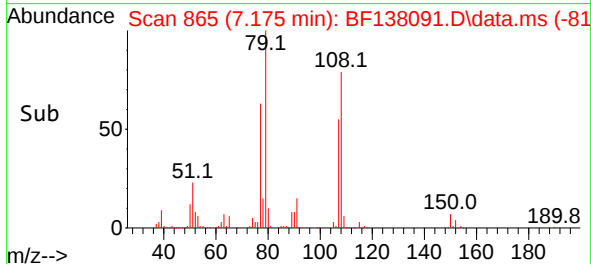
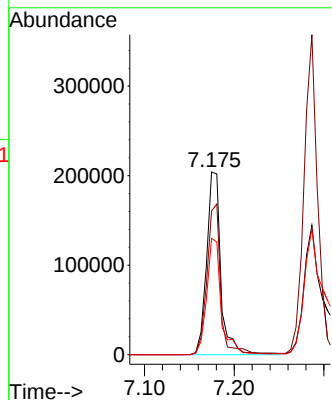
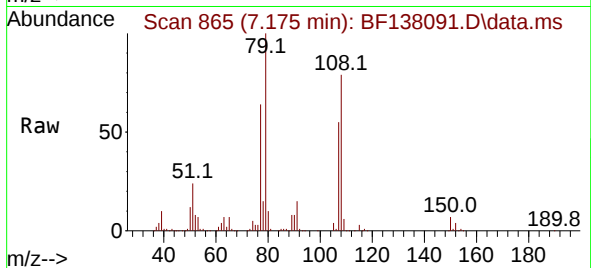
SSTDICC060

Tgt Ion: 79 Resp: 225382
Ion Ratio Lower Upper
79 100
108 78.8 65.5 98.3
77 63.6 49.6 74.4

Manual Integrations

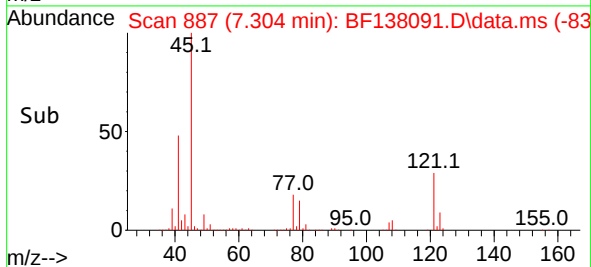
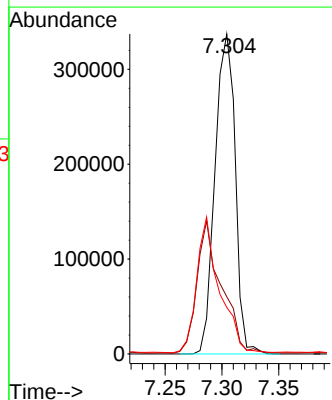
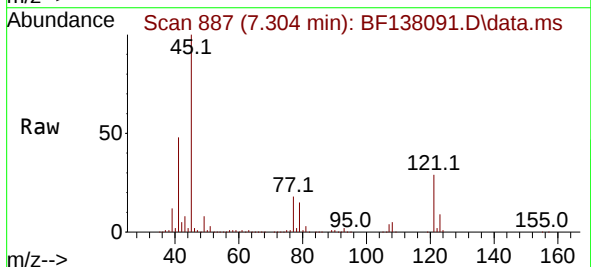
APPROVED

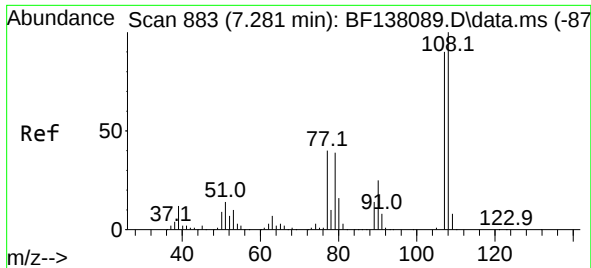
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.902 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion: 45 Resp: 417039
Ion Ratio Lower Upper
45 100
77 17.9 0.0 36.6
79 14.6 0.0 32.9





#17
2-Methylphenol
Concen: 58.277 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

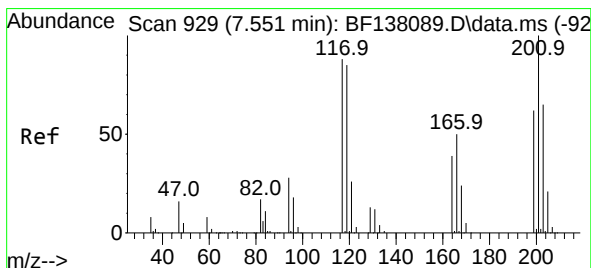
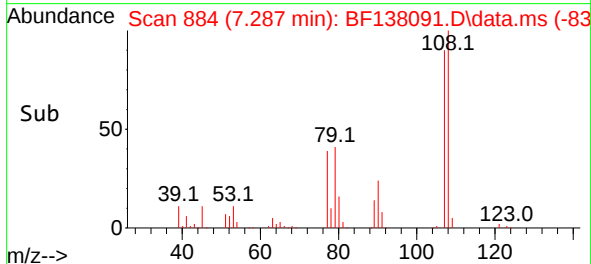
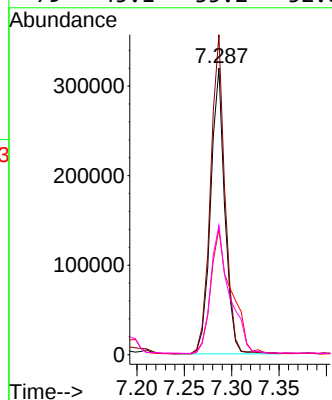
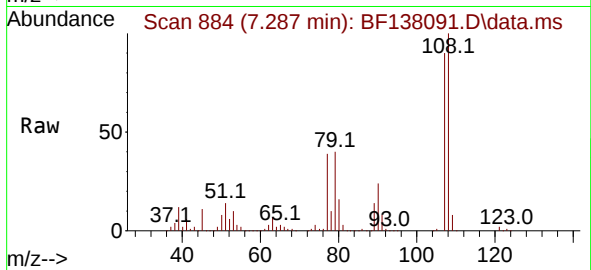
SSTDIC060

Tgt Ion:107 Resp: 332320
Ion Ratio Lower Upper
107 100
108 111.7 89.0 133.6
77 43.8 35.6 53.4
79 45.1 35.2 52.8

Manual Integrations

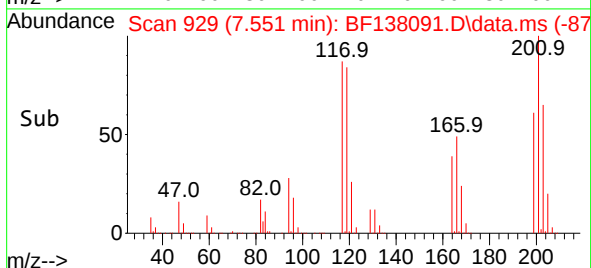
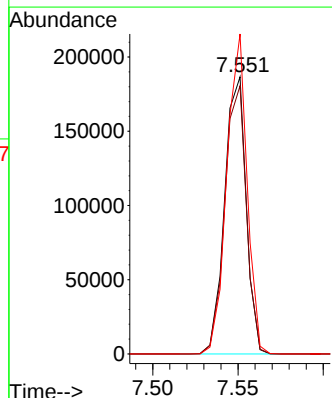
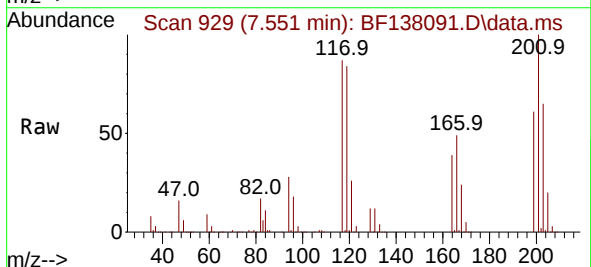
APPROVED

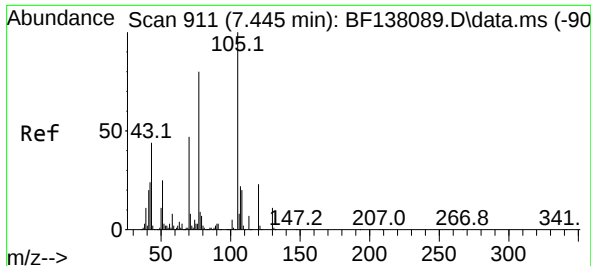
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#18
Hexachloroethane
Concen: 58.138 ng
RT: 7.551 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion:117 Resp: 163891
Ion Ratio Lower Upper
117 100
119 96.8 77.3 115.9
201 115.5 90.8 136.2





#19

n-Nitroso-di-n-propylamine

Concen: 56.302 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF138091.D

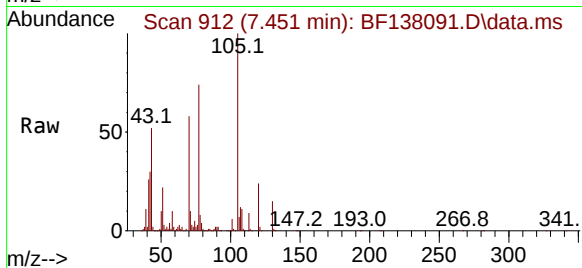
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 260350

Ion Ratio Lower Upper

70 100

42 51.4 41.4 62.0

101 10.4 8.1 12.1

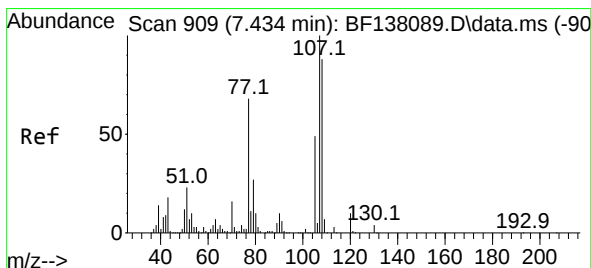
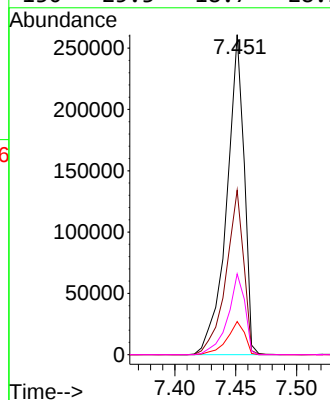
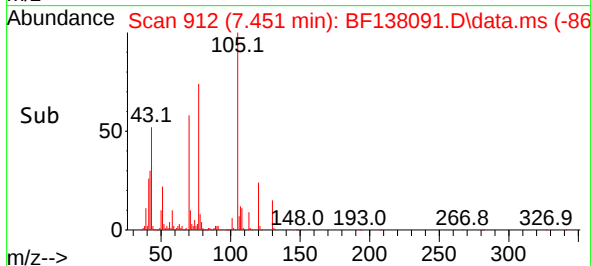
130 25.3 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024



#20

3+4-Methylphenols

Concen: 57.687 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

Tgt Ion:107 Resp: 413536

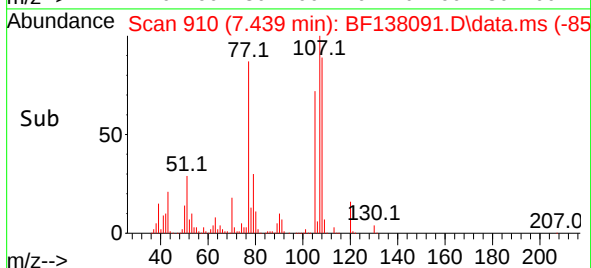
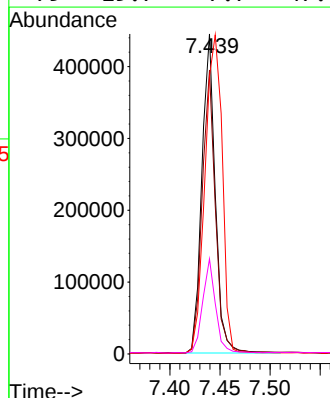
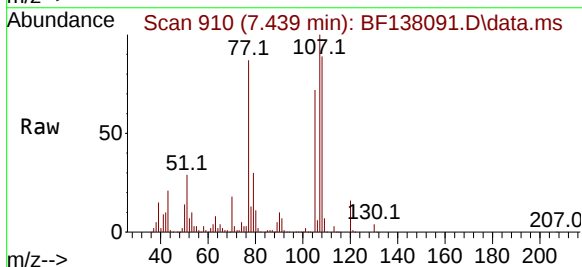
Ion Ratio Lower Upper

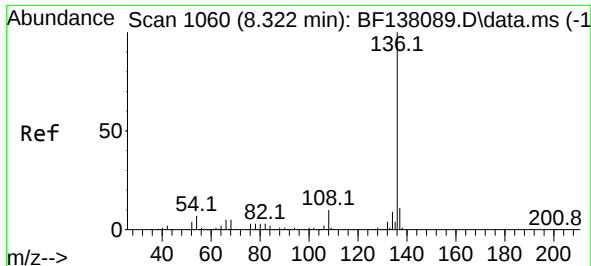
107 100

108 88.7 68.2 108.2

77 86.8 48.4 88.4

79 29.7 7.7 47.7





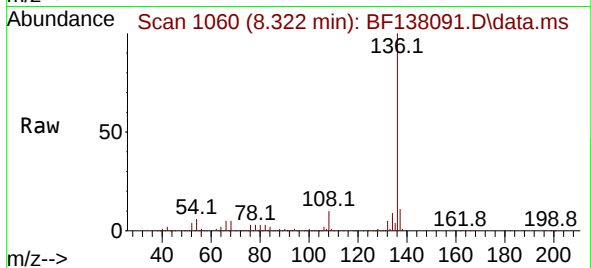
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

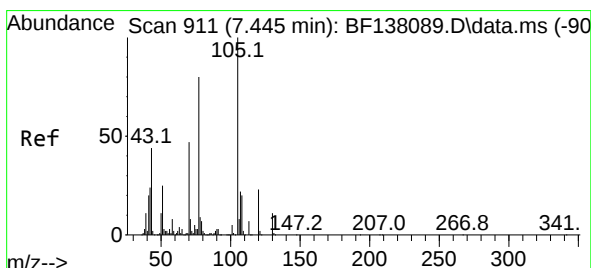
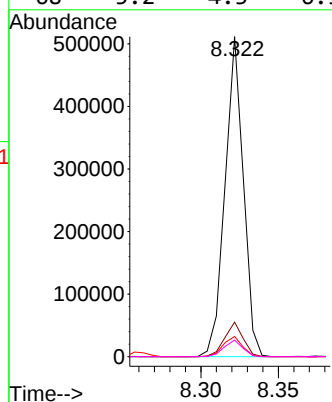
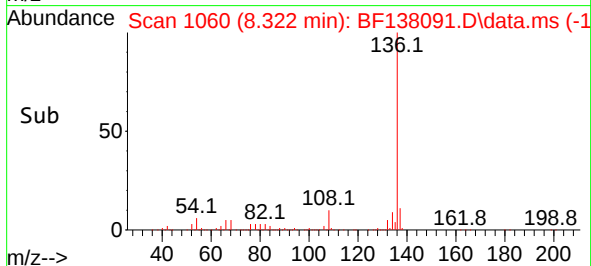


Tgt Ion:136 Resp: 420594
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.3 5.4 8.0
68 5.2 4.3 6.5

Manual Integrations

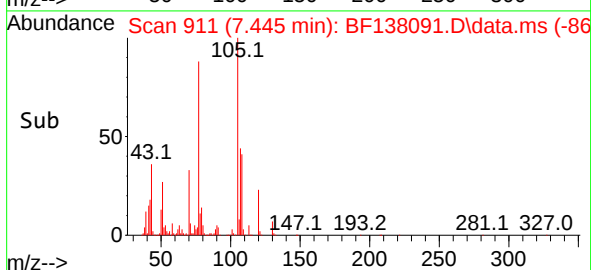
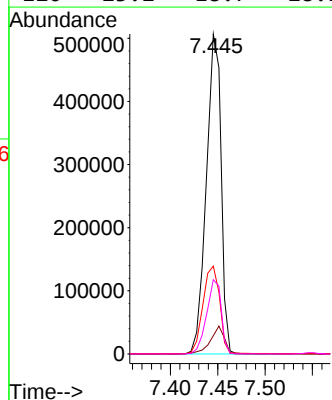
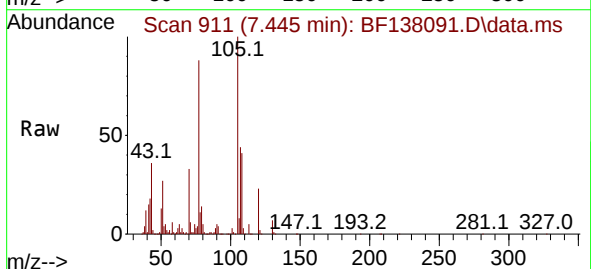
APPROVED

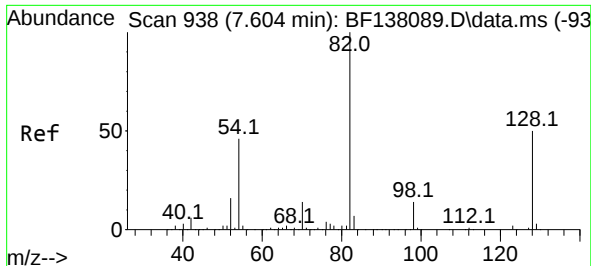
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#22
Acetophenone
Concen: 57.850 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion:105 Resp: 548179
Ion Ratio Lower Upper
105 100
71 5.7 6.2 9.4#
51 27.4 20.0 30.0
120 23.2 18.7 28.1





#23

Nitrobenzene-d5

Concen: 118.521 ng

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 85547

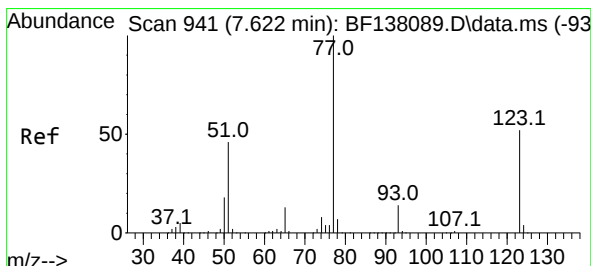
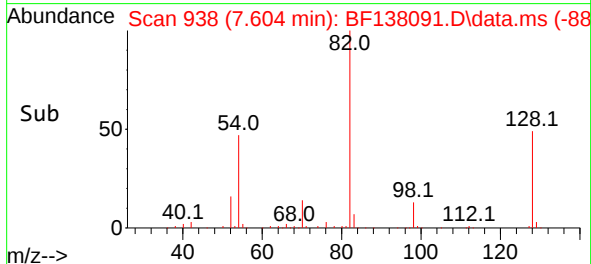
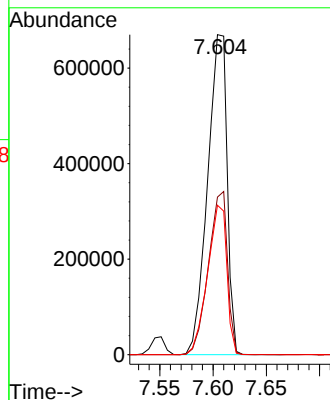
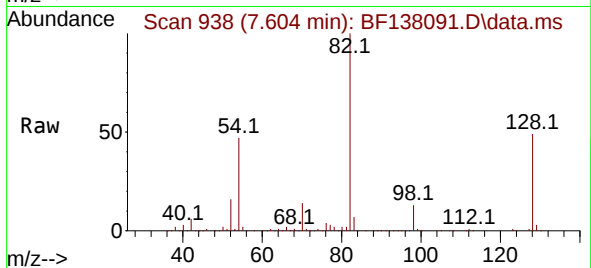
Ion	Ratio	Lower	Upper
82	100		
128	49.2	39.9	59.9
54	46.7	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024



#24

Nitrobenzene

Concen: 60.124 ng

RT: 7.628 min Scan# 942

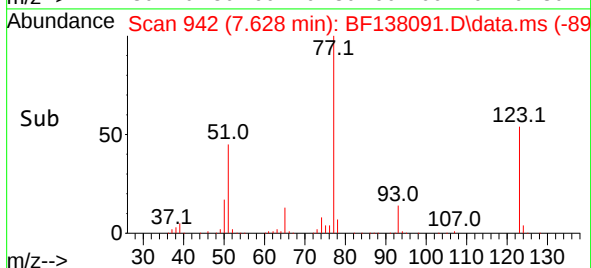
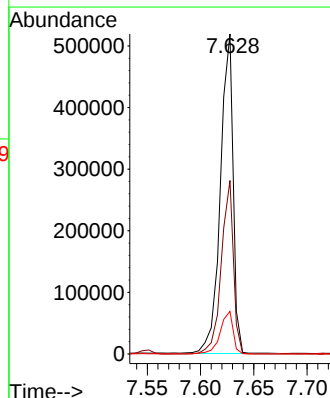
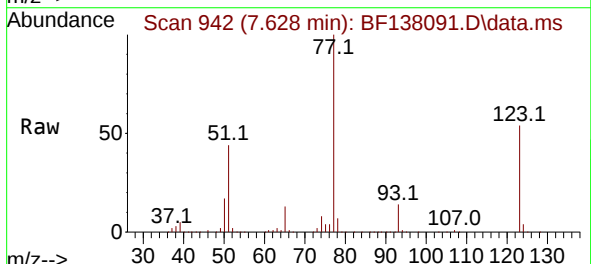
Delta R.T. 0.006 min

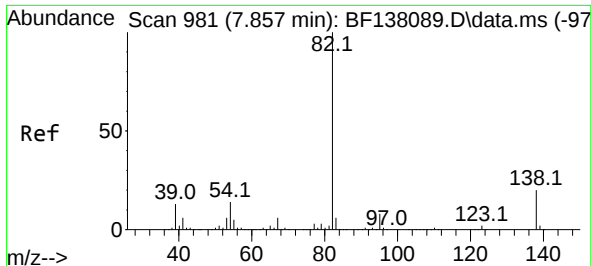
Lab File: BF138091.D

Acq: 31 May 2024 16:45

Tgt Ion: 77 Resp: 431933

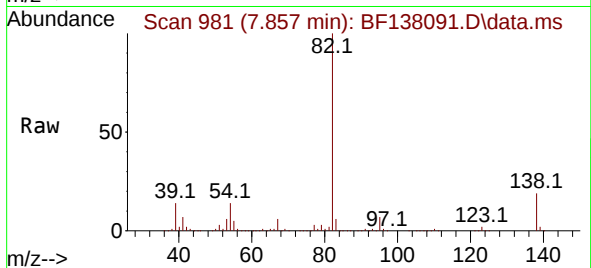
Ion	Ratio	Lower	Upper
77	100		
123	54.2	41.4	62.0
65	13.3	10.6	15.8





#25
Isophorone
Concen: 58.846 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

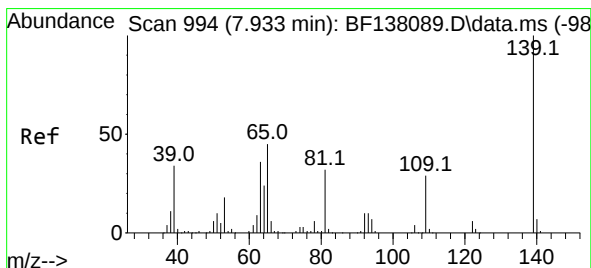
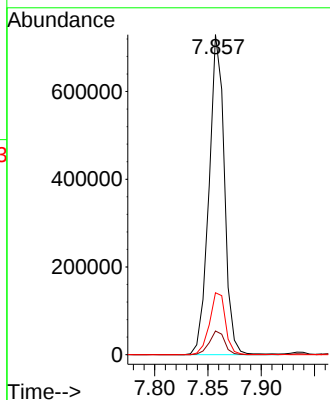
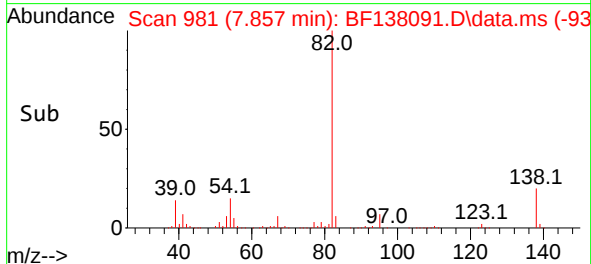
Instrument :
BNA_F
Client Sample Id :
SSTDICC060



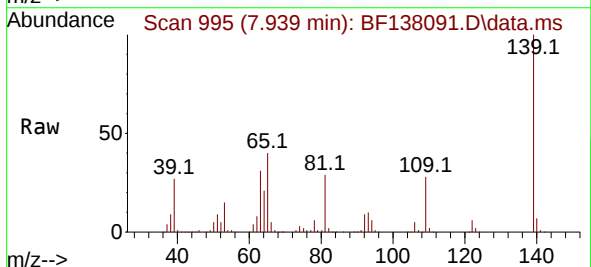
Tgt Ion: 82 Resp: 73281
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 19.4 16.2 24.2

Manual Integrations
APPROVED

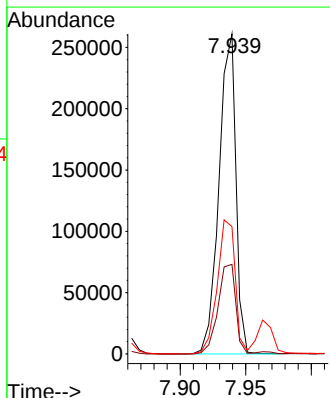
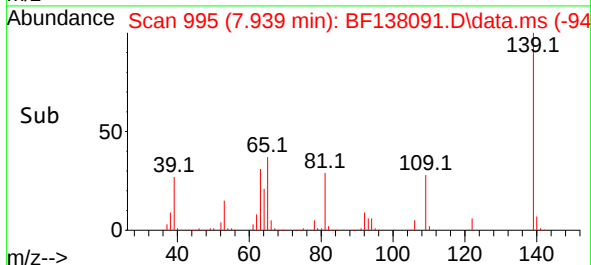
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

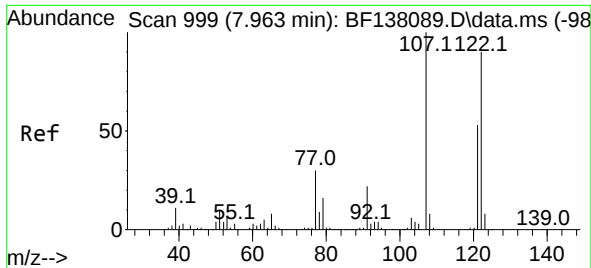


#26
2-Nitrophenol
Concen: 60.683 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



Tgt Ion:139 Resp: 233010
Ion Ratio Lower Upper
139 100
109 28.0 23.1 34.7
65 39.8 35.7 53.5





#27
2,4-Dimethylphenol
Concen: 61.246 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

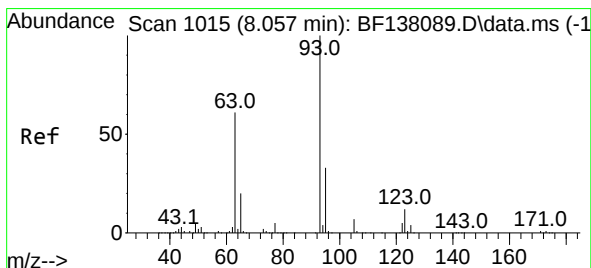
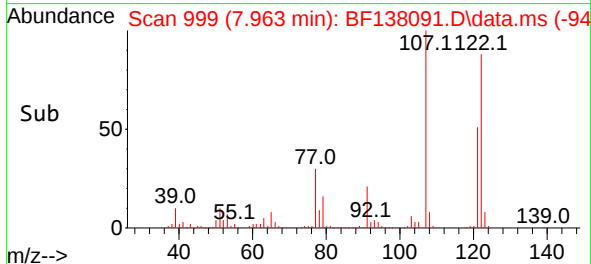
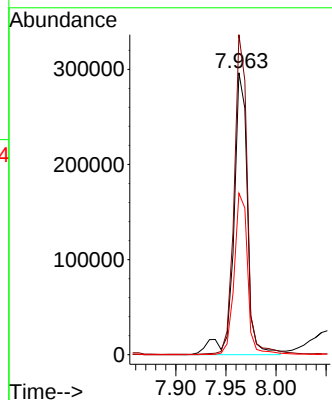
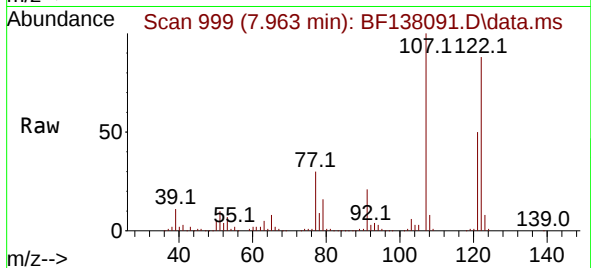
SSTDICC060

Tgt Ion:122 Resp: 281500
Ion Ratio Lower Upper
122 100
107 113.5 88.8 133.2
121 57.3 46.6 69.8

Manual Integrations

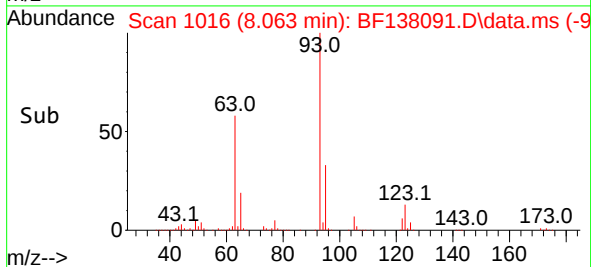
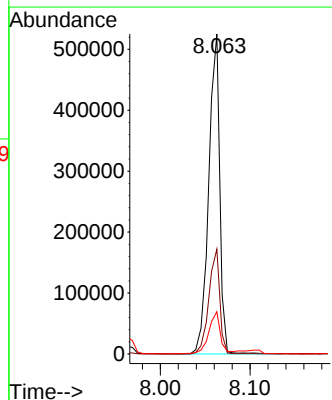
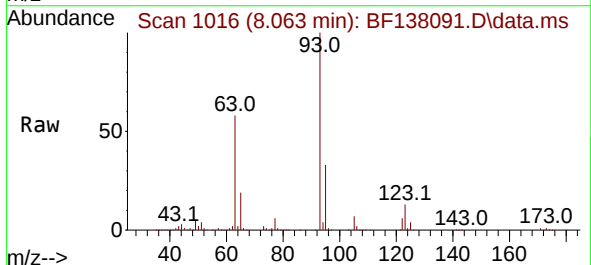
APPROVED

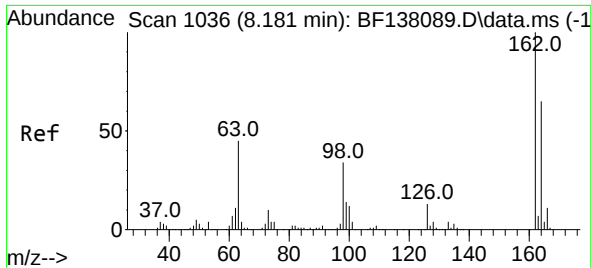
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#28
bis(2-Chloroethoxy)methane
Concen: 58.701 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion: 93 Resp: 447354
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 13.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 60.102 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 370760

Ion Ratio Lower Upper

162 100

164 63.7 45.0 85.0

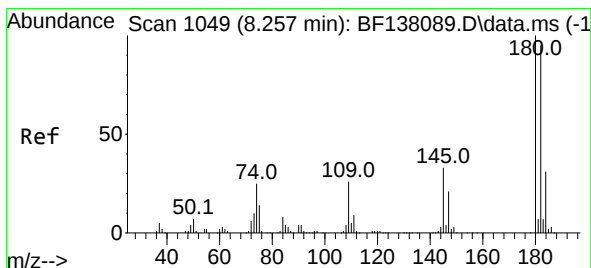
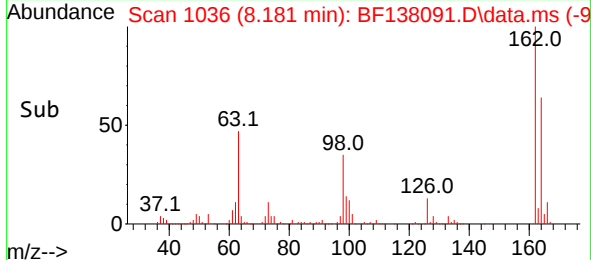
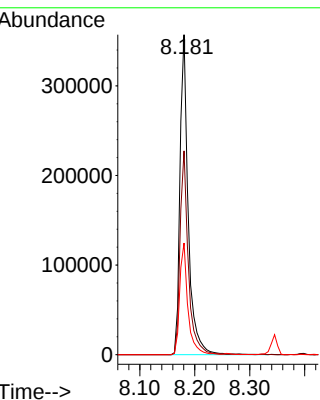
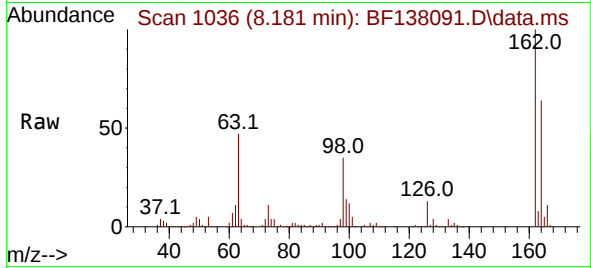
98 34.9 13.6 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024



#30

1,2,4-Trichlorobenzene

Concen: 58.799 ng

RT: 8.263 min Scan# 1050

Delta R.T. 0.006 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

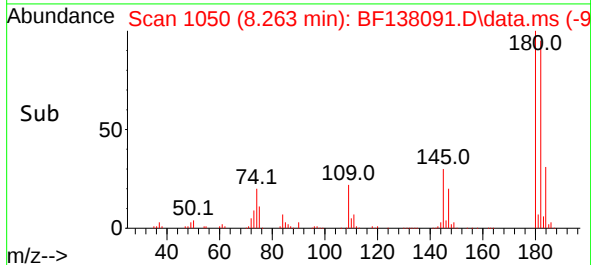
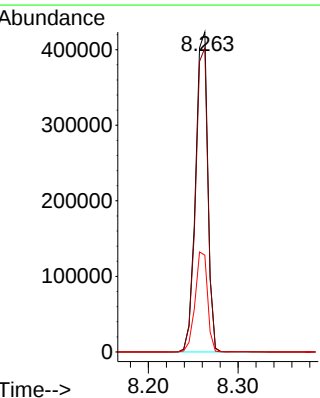
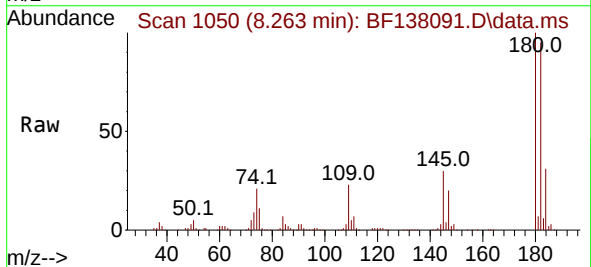
Tgt Ion:180 Resp: 401981

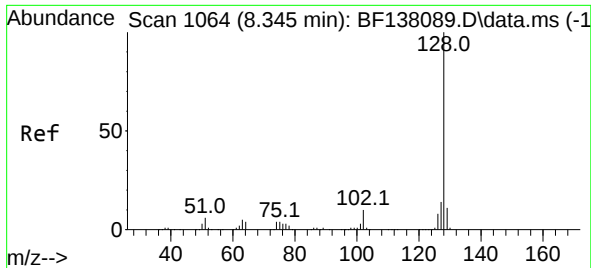
Ion Ratio Lower Upper

180 100

182 95.0 75.7 113.5

145 30.2 26.6 40.0





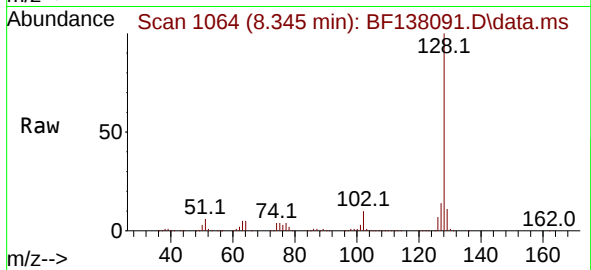
#31
Naphthalene
Concen: 57.833 ng
RT: 8.345 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



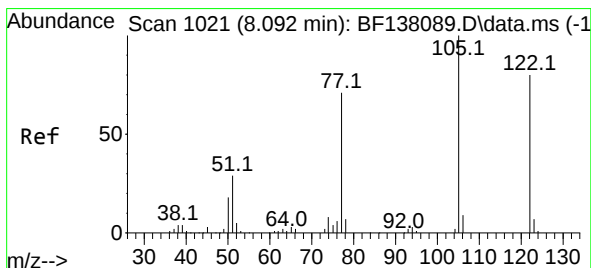
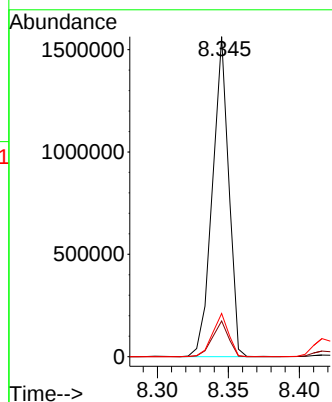
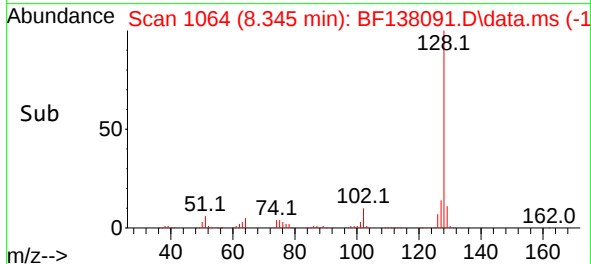
Tgt Ion:128 Resp: 125153
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.8 16.2

Manual Integrations

APPROVED

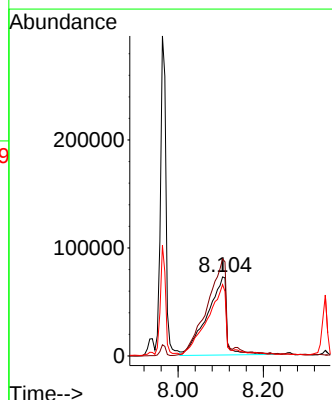
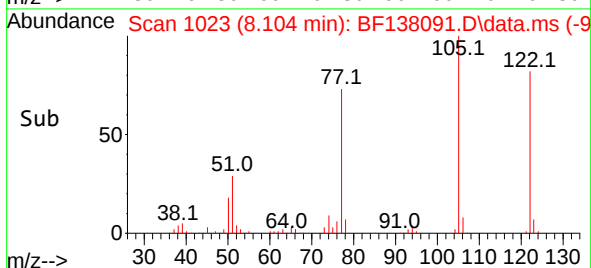
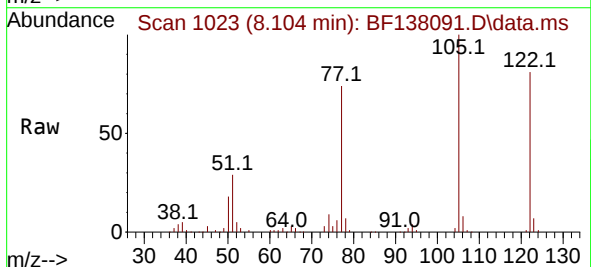
Reviewed By :Yogesh Patel 06/01/2024

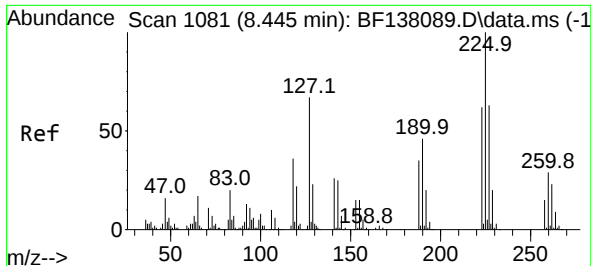
Supervised By :mohammad ahmed 06/01/2024



#32
Benzoic acid
Concen: 61.951 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.012 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion:122 Resp: 233820
Ion Ratio Lower Upper
122 100
105 122.9 102.3 142.3
77 90.4 67.6 107.6





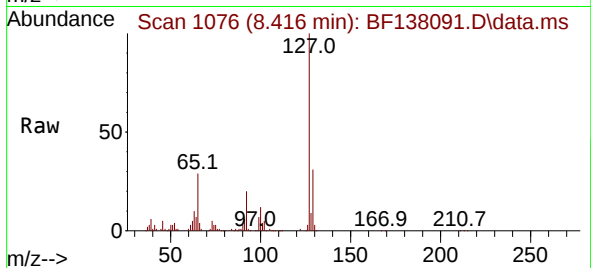
#33
4-Chloroaniline
Concen: 59.862 ng m
RT: 8.416 min Scan# 1076
Delta R.T. -0.029 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



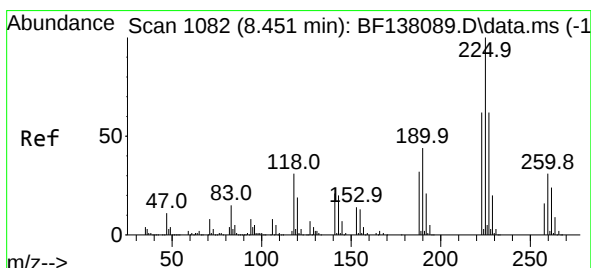
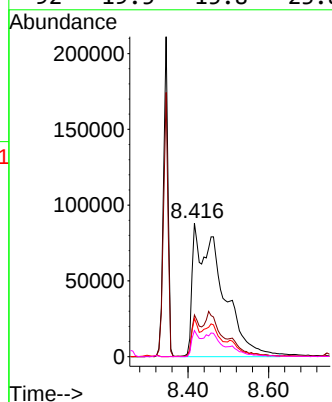
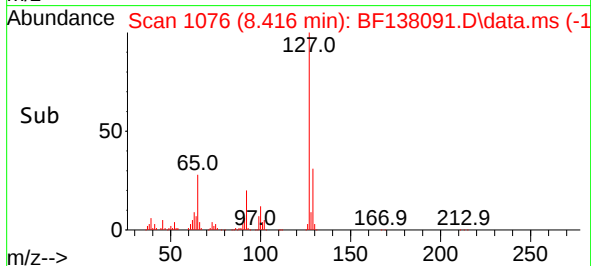
Tgt Ion:127 Resp: 436704
Ion Ratio Lower Upper
127 100
129 31.3 28.0 42.0
65 28.7 20.6 30.8
92 19.5 15.8 23.8

Manual Integrations

APPROVED

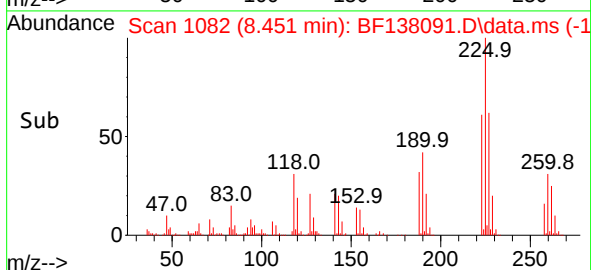
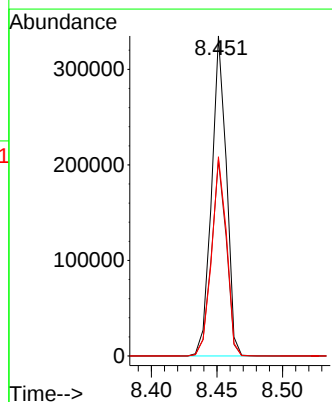
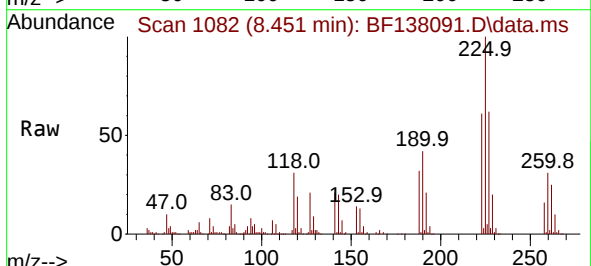
Reviewed By :Yogesh Patel 06/01/2024

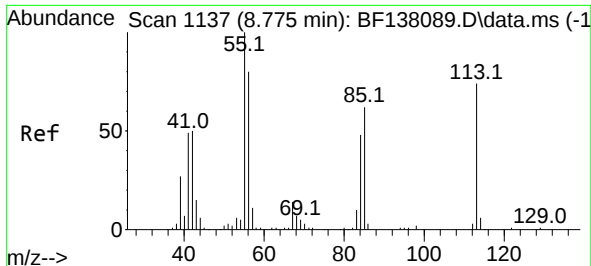
Supervised By :mohammad ahmed 06/01/2024



#34
Hexachlorobutadiene
Concen: 59.457 ng
RT: 8.451 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

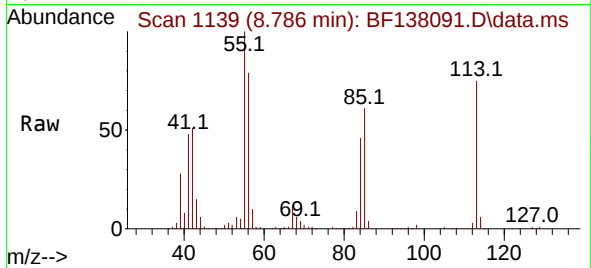
Tgt Ion:225 Resp: 262548
Ion Ratio Lower Upper
225 100
223 61.3 49.4 74.2
227 62.2 49.3 73.9





#35
Caprolactam
Concen: 61.007 ng m
RT: 8.786 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

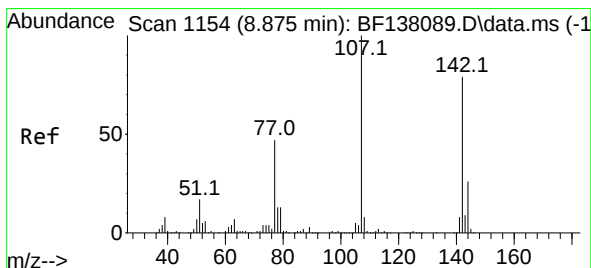
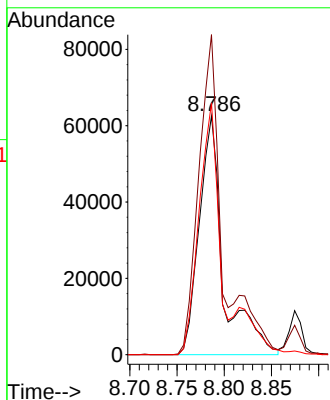
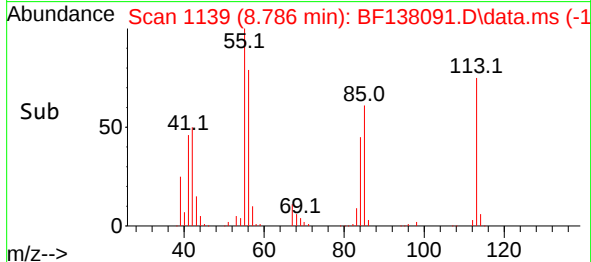
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:113 Resp: 110684
Ion Ratio Lower Upper
113 100
55 134.0 115.3 155.3
56 105.5 88.5 128.5

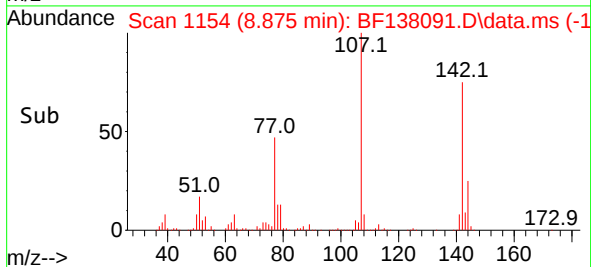
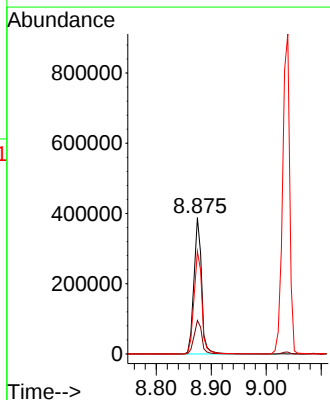
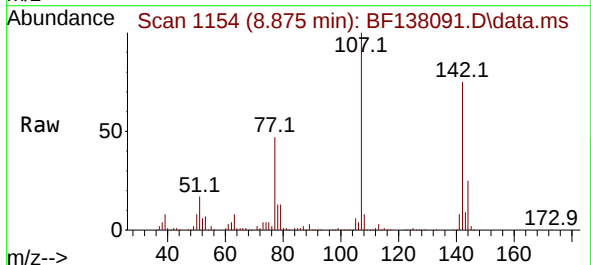
Manual Integrations
APPROVED

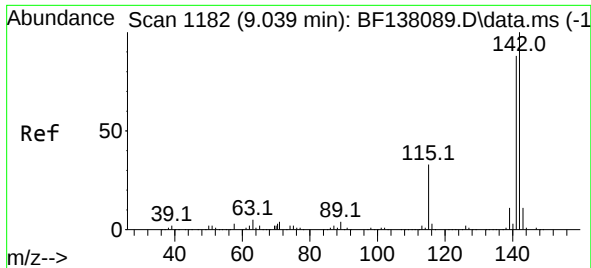
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#36
4-Chloro-3-methylphenol
Concen: 60.457 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion:107 Resp: 373871
Ion Ratio Lower Upper
107 100
144 24.6 21.0 31.6
142 75.3 63.4 95.2





#37
2-Methylnaphthalene
Concen: 57.139 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

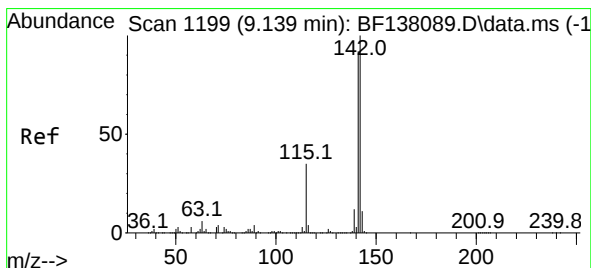
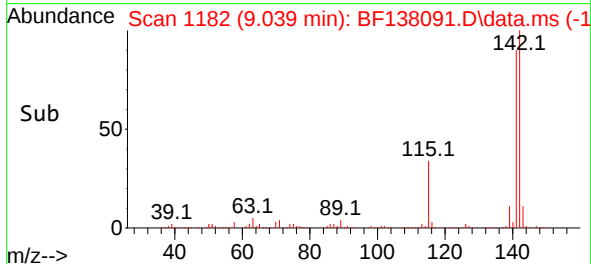
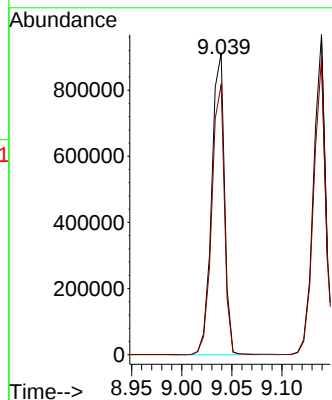
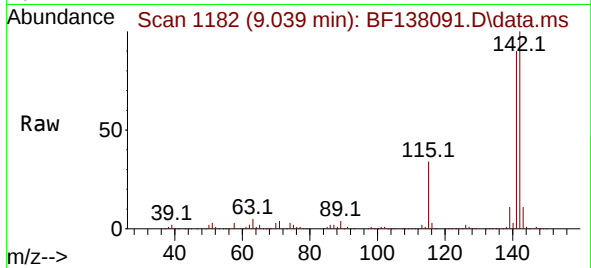
SSTDICC060

Tgt Ion:142 Resp: 813548
Ion Ratio Lower Upper
142 100
141 89.7 70.2 105.2

Manual Integrations

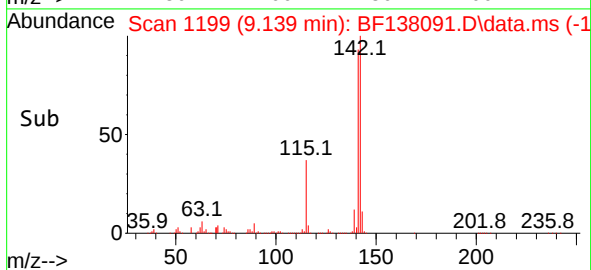
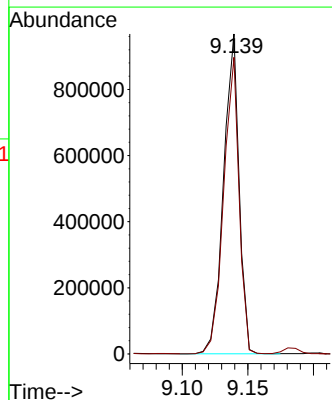
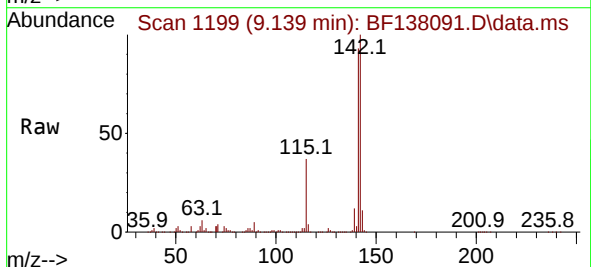
APPROVED

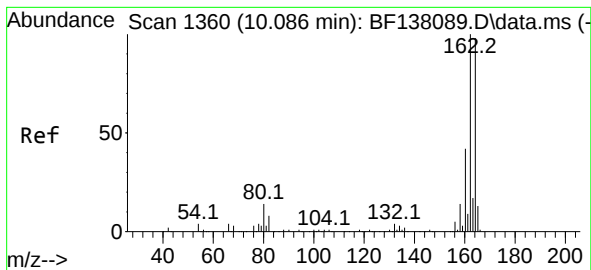
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#38
1-Methylnaphthalene
Concen: 57.410 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

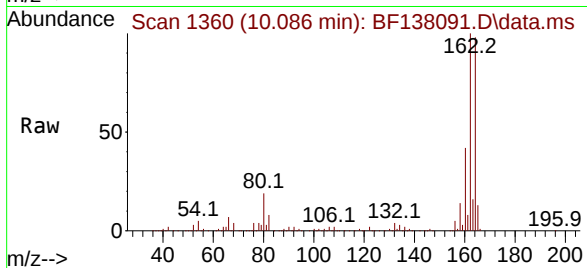
Tgt Ion:142 Resp: 795465
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

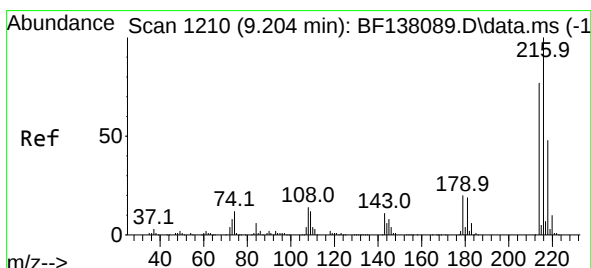
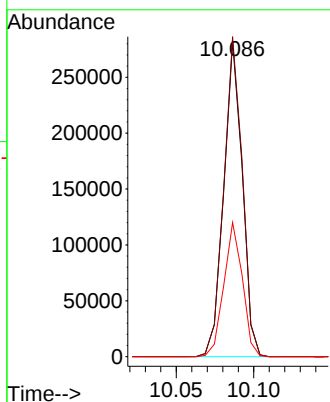
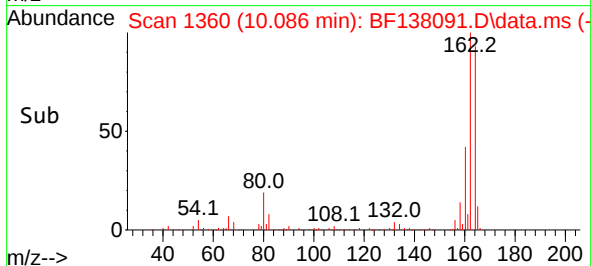
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



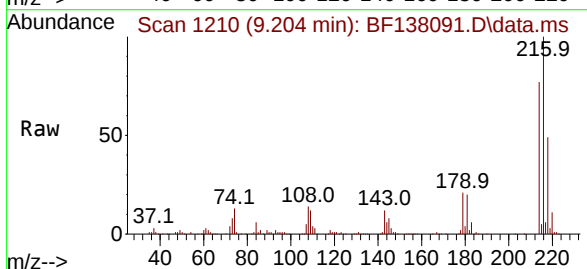
Tgt Ion:164 Resp: 234380
Ion Ratio Lower Upper
164 100
162 101.5 81.7 122.5
160 42.6 34.5 51.7

Manual Integrations
APPROVED

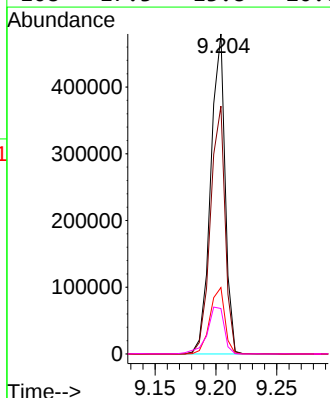
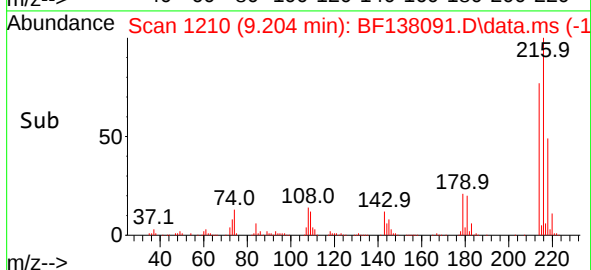
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

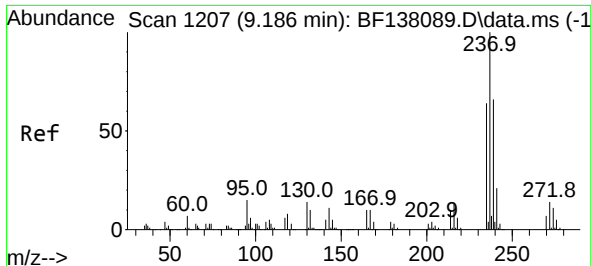


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.472 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



Tgt Ion:216 Resp: 395656
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 21.3 17.1 25.7
108 17.3 13.8 20.6





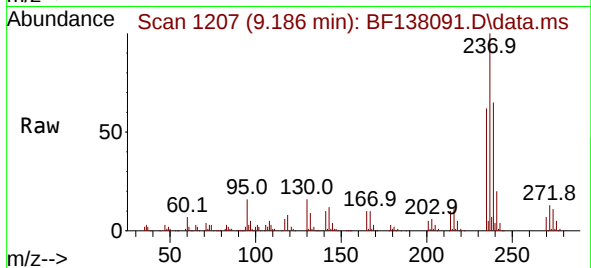
#41
Hexachlorocyclopentadiene
Concen: 64.557 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

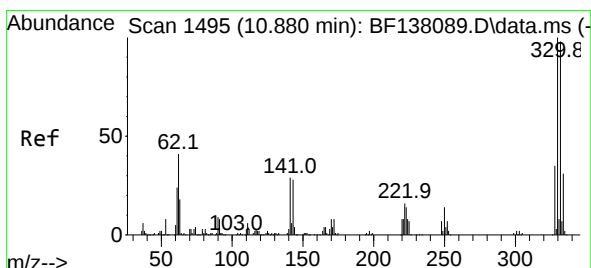
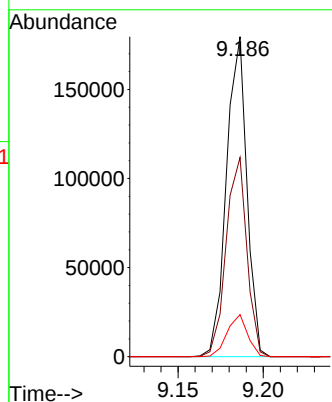
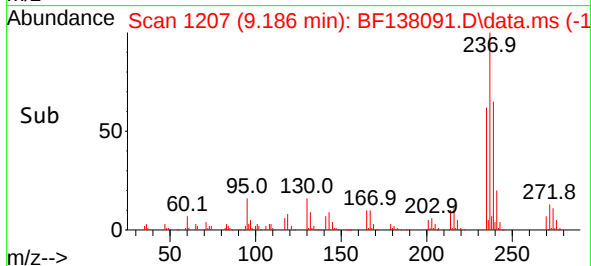


Tgt Ion:237 Resp: 14982
Ion Ratio Lower Upper
237 100
235 62.3 43.9 83.9
272 13.2 0.0 33.8

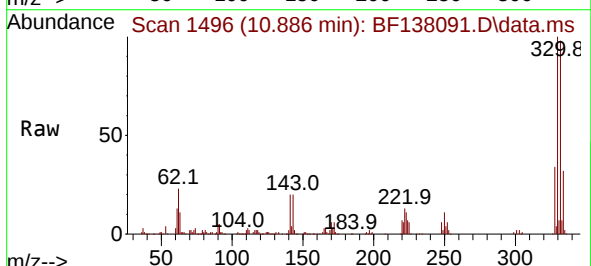
Manual Integrations

APPROVED

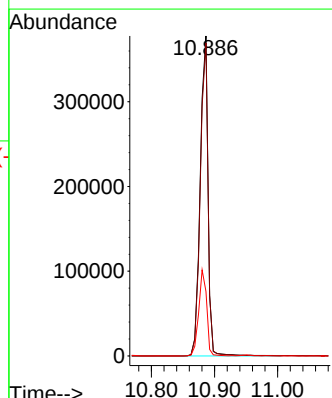
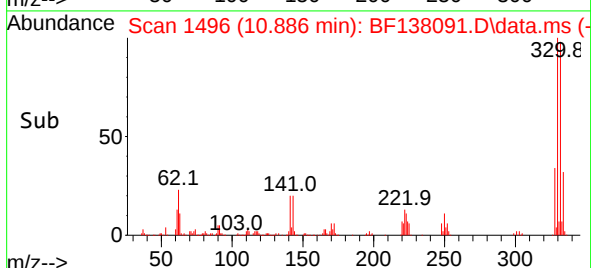
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

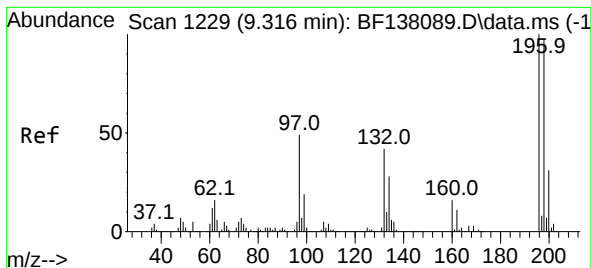


#42
2,4,6-Tribromophenol
Concen: 118.284 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



Tgt Ion:330 Resp: 323379
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 27.4 21.4 32.0





#43

2,4,6-Trichlorophenol

Concen: 59.773 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:196 Resp: 263780

Ion Ratio Lower Upper

196 100

198 94.8 77.4 116.0

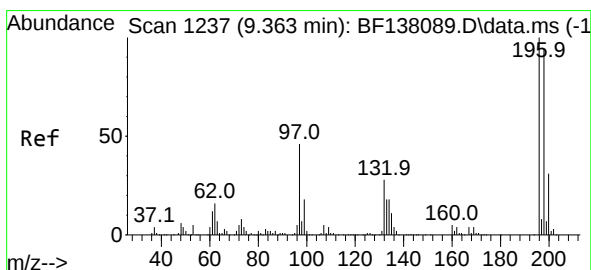
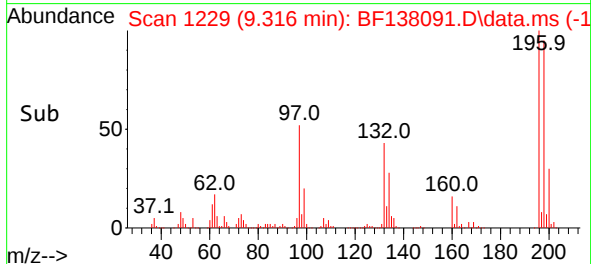
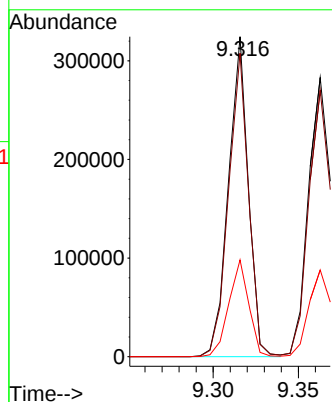
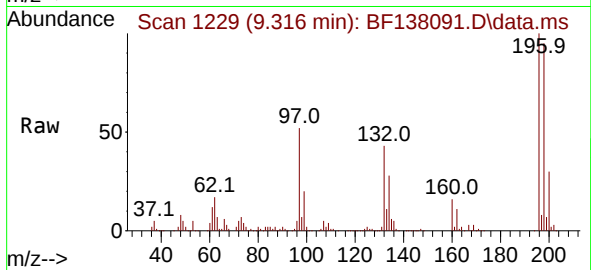
200 30.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024



#44

2,4,5-Trichlorophenol

Concen: 61.172 ng

RT: 9.363 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

Tgt Ion:196 Resp: 294342

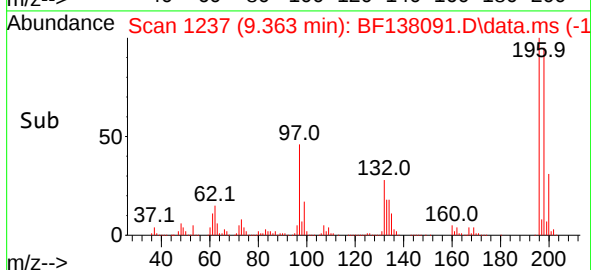
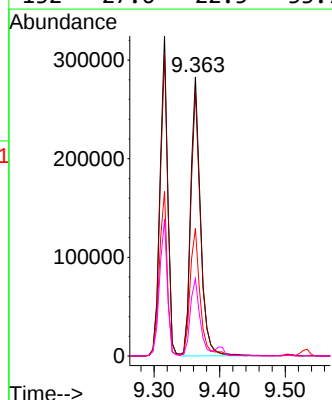
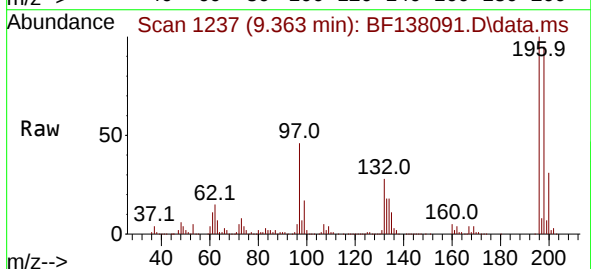
Ion Ratio Lower Upper

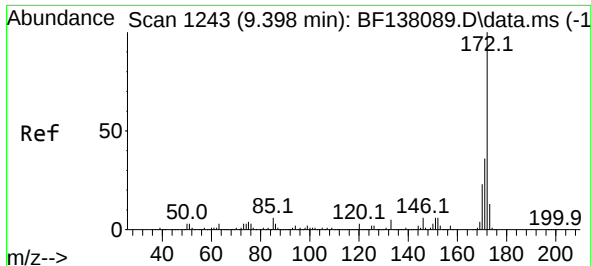
196 100

198 95.4 75.6 113.4

97 45.7 36.9 55.3

132 27.6 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 112.684 ng

RT: 9.404 min Scan# 1244

Delta R.T. 0.006 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:172 Resp: 178173

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

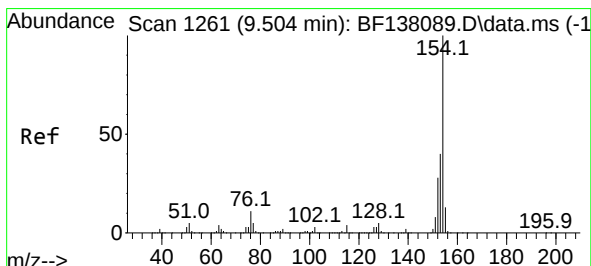
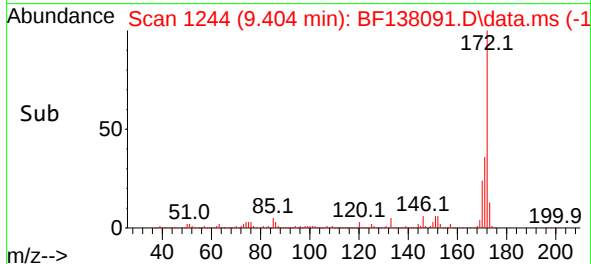
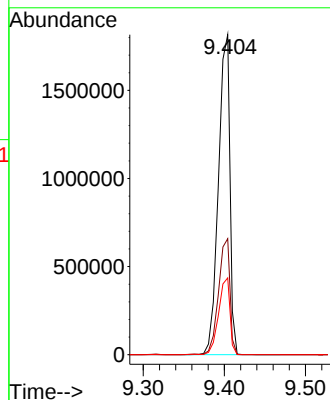
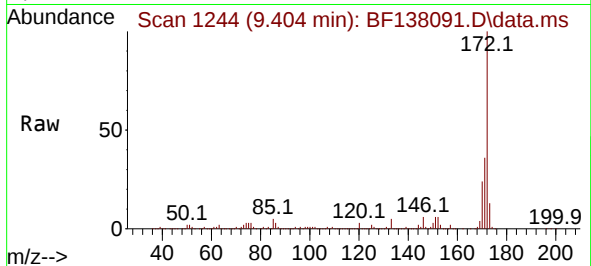
170 24.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024



#46

1,1'-Biphenyl

Concen: 58.192 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

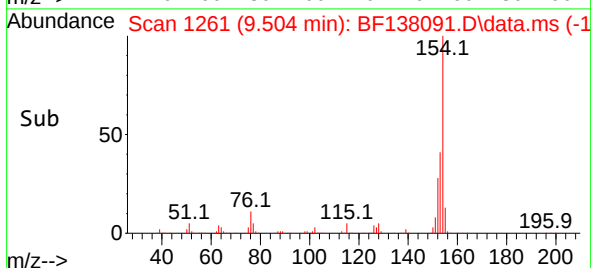
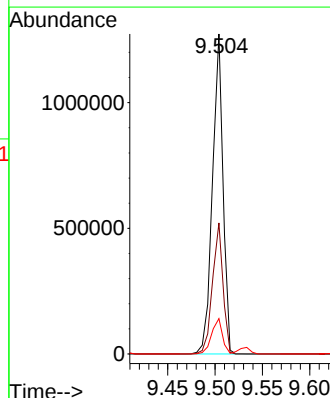
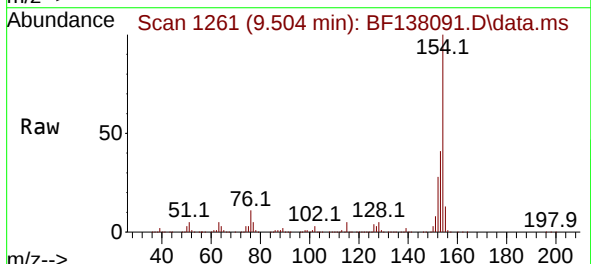
Tgt Ion:154 Resp: 980989

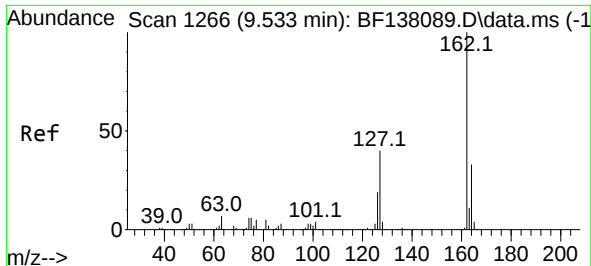
Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

76 11.1 0.0 30.6





#47

2-Chloronaphthalene

Concen: 58.506 ng

RT: 9.533 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

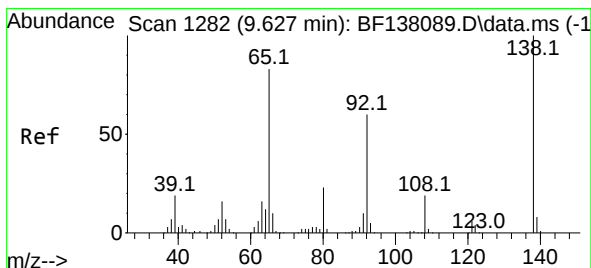
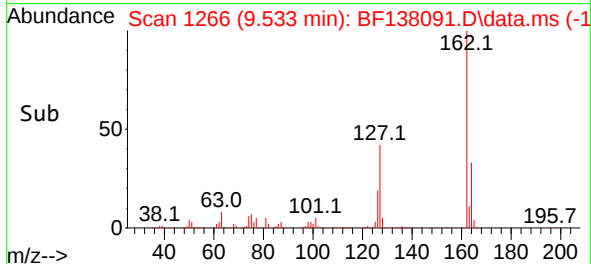
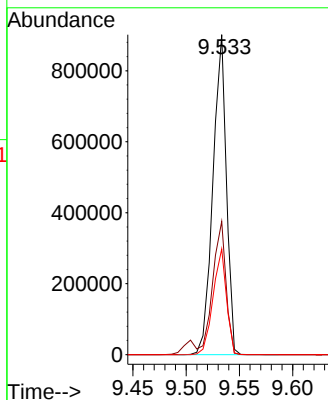
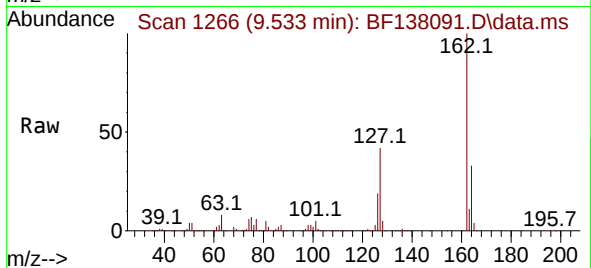
Tgt Ion:162 Resp: 791024
 Ion Ratio Lower Upper
 162 100
 127 41.6 32.5 48.7
 164 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024



#48

2-Nitroaniline

Concen: 61.010 ng

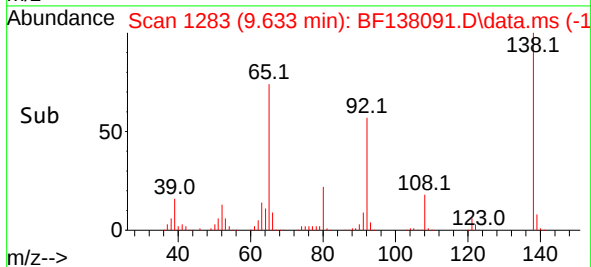
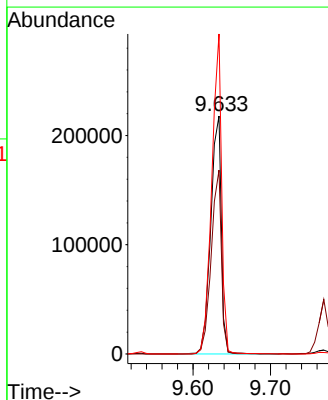
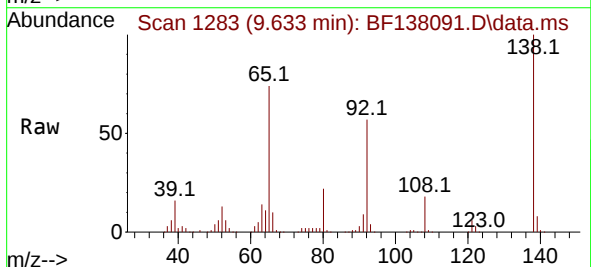
RT: 9.633 min Scan# 1283

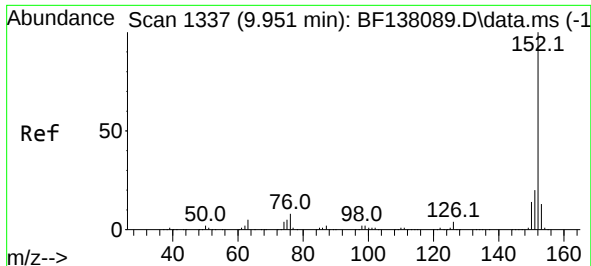
Delta R.T. 0.006 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

Tgt Ion: 65 Resp: 206555
 Ion Ratio Lower Upper
 65 100
 92 77.3 57.8 86.6
 138 134.5 95.9 143.9





#49

Acenaphthylene

Concen: 58.106 ng

RT: 9.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138091.D

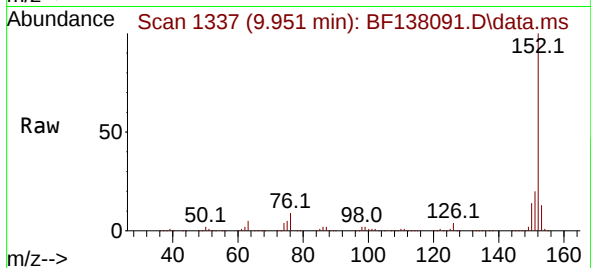
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:152 Resp: 112430

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

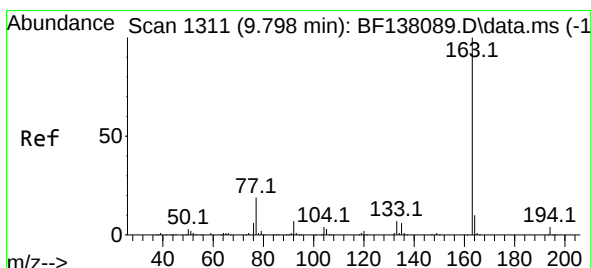
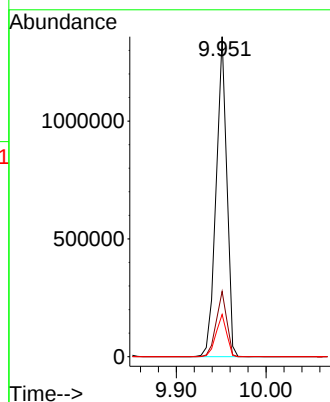
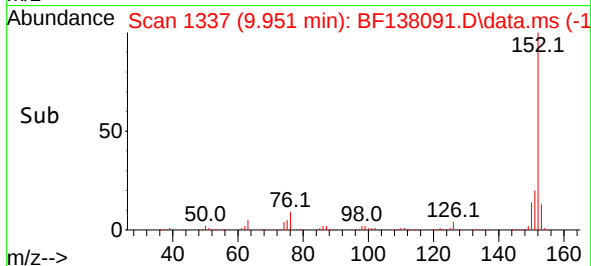
153 13.2 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024



#50

Dimethylphthalate

Concen: 59.042 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.006 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

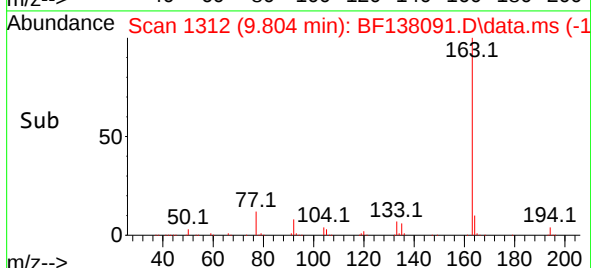
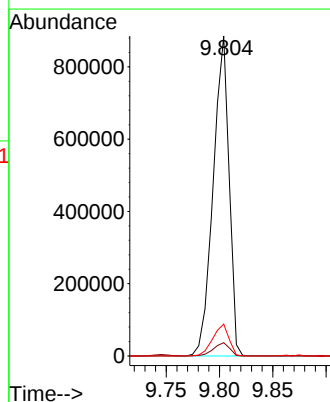
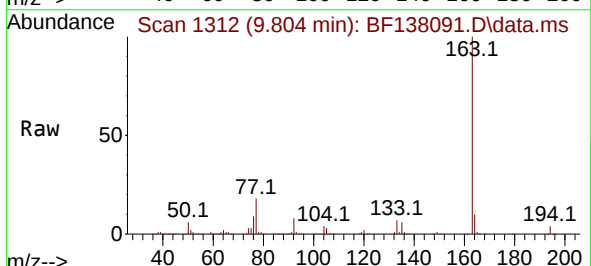
Tgt Ion:163 Resp: 917001

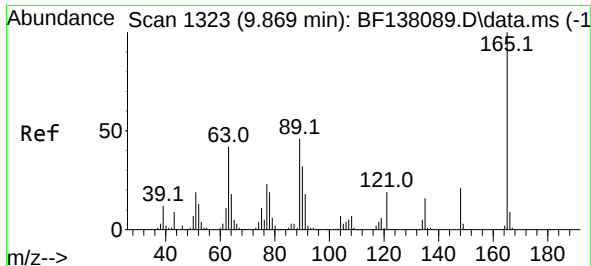
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 59.834 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

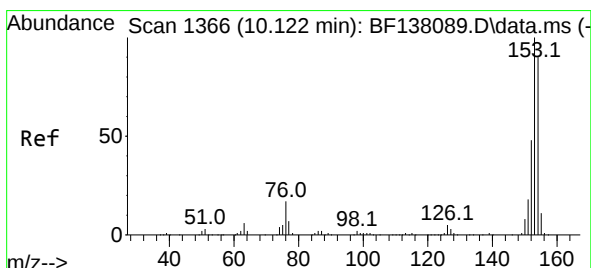
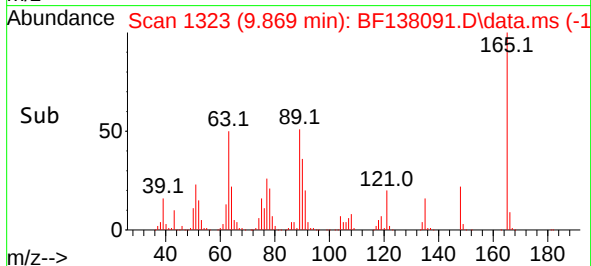
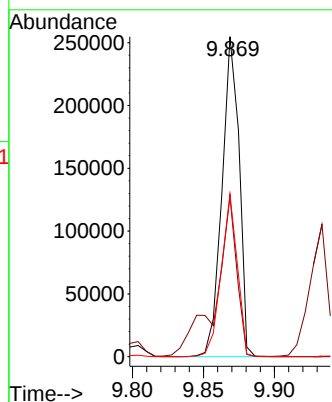
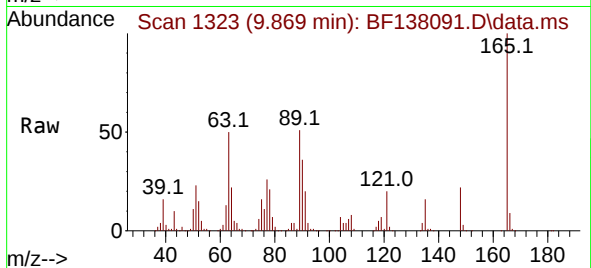
SSTDICC060

Tgt Ion:165 Resp: 213344
Ion Ratio Lower Upper
165 100
63 50.1 34.6 51.8
89 50.8 36.6 55.0

Manual Integrations

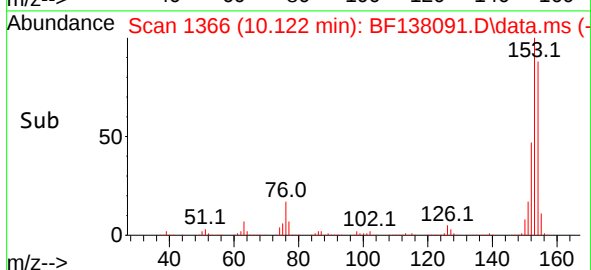
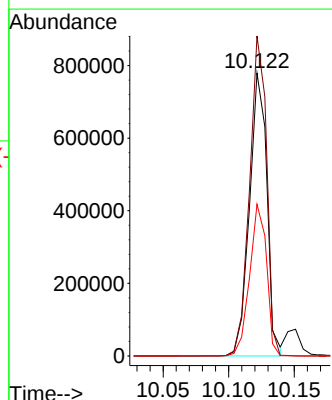
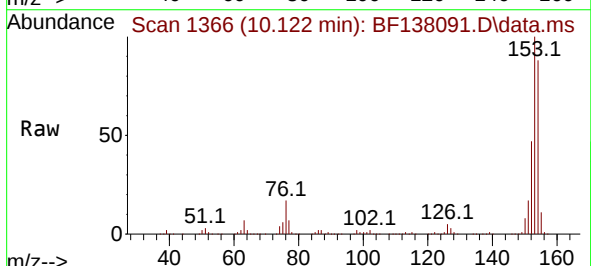
APPROVED

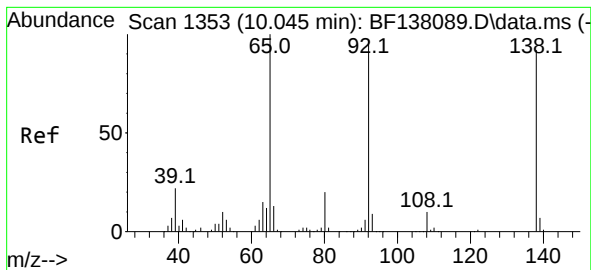
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#52
Acenaphthene
Concen: 58.316 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion:154 Resp: 714619
Ion Ratio Lower Upper
154 100
153 113.1 88.8 133.2
152 53.6 42.3 63.5





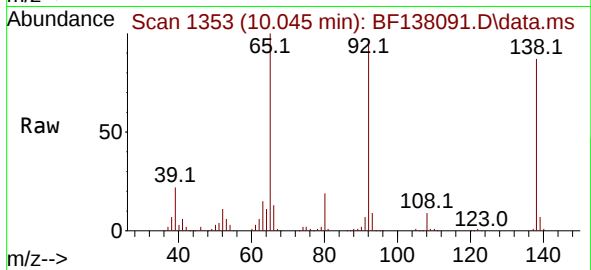
#53
3-Nitroaniline
Concen: 60.838 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

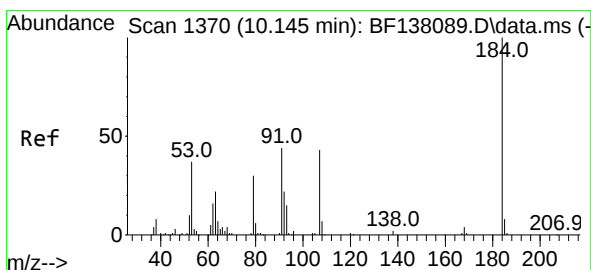
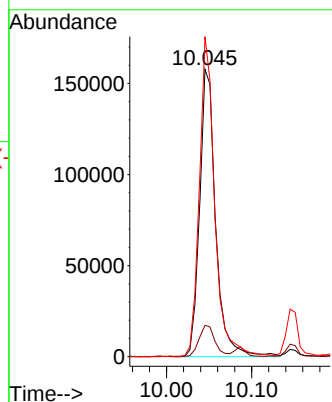
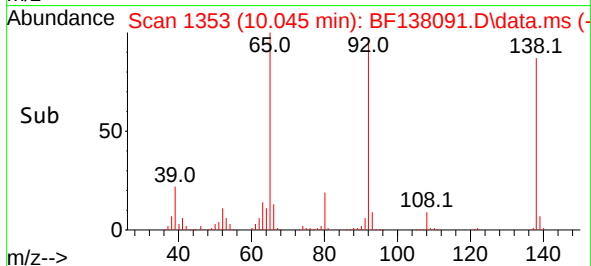


Tgt Ion:138 Resp: 206480
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 111.4 84.6 126.8

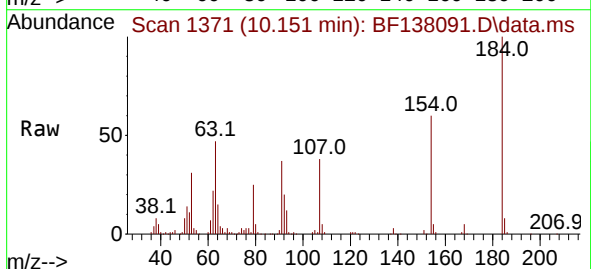
Manual Integrations

APPROVED

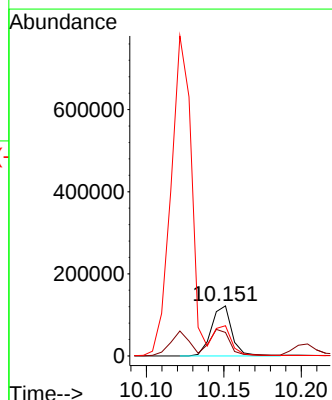
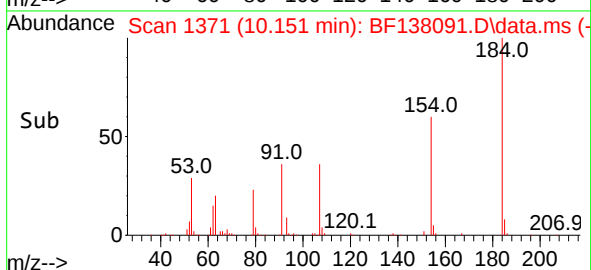
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

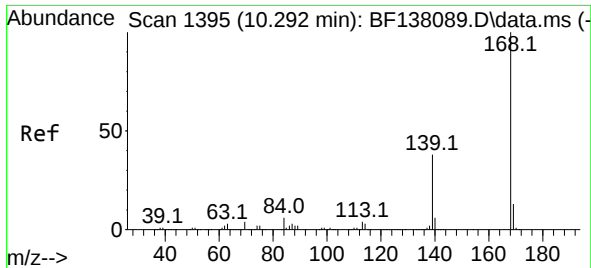


#54
2,4-Dinitrophenol
Concen: 65.085 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



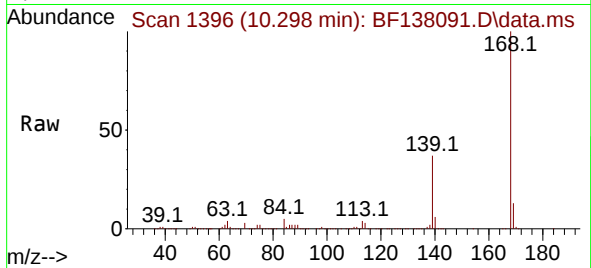
Tgt Ion:184 Resp: 112829
Ion Ratio Lower Upper
184 100
63 47.0 44.7 67.1
154 60.3 51.0 76.6





#55
Dibenzofuran
Concen: 57.722 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

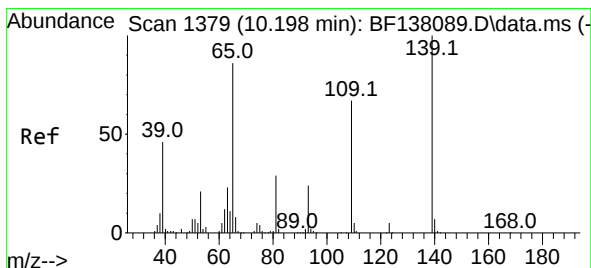
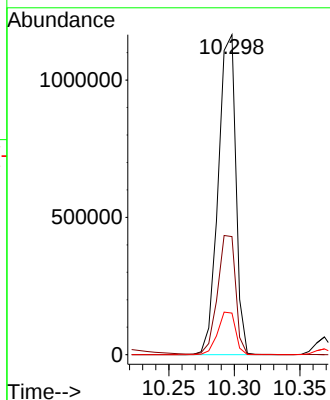
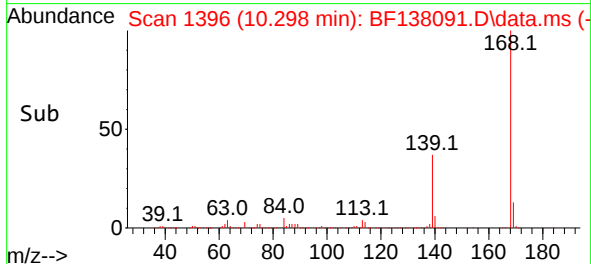
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:168 Resp: 1086069
Ion Ratio Lower Upper
168 100
139 36.9 30.6 45.8
169 13.0 10.6 15.8

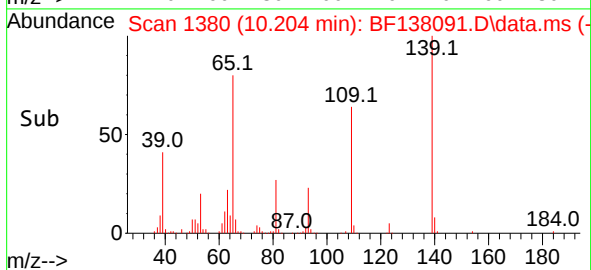
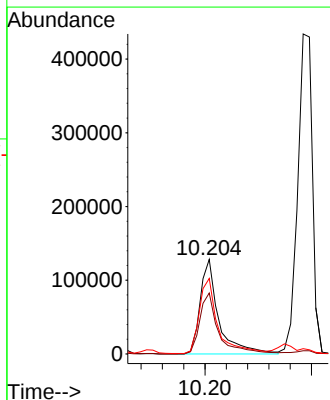
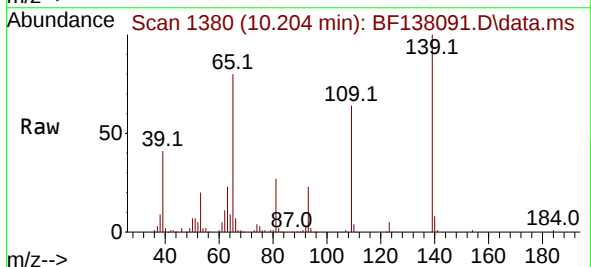
Manual Integrations
APPROVED

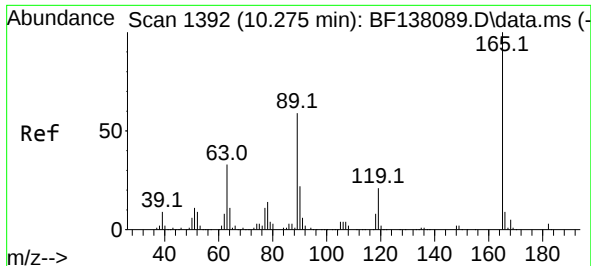
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#56
4-Nitrophenol
Concen: 68.754 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion:139 Resp: 155526
Ion Ratio Lower Upper
139 100
109 64.5 47.2 87.2
65 79.9 66.7 106.7





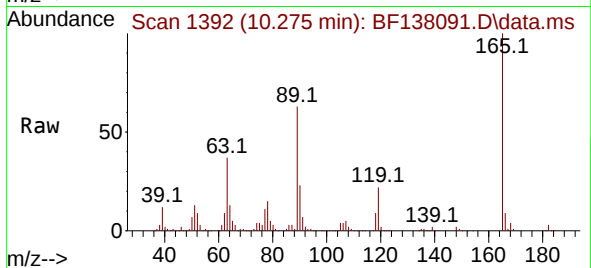
#57
2,4-Dinitrotoluene
Concen: 61.001 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



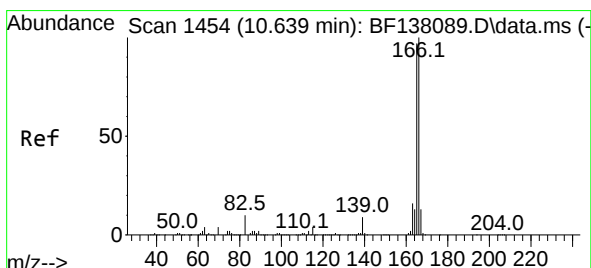
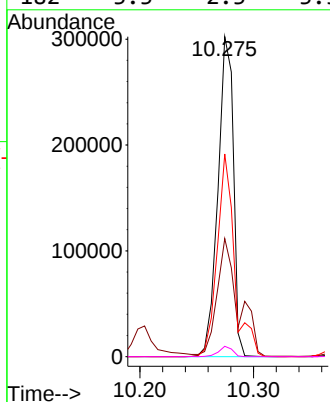
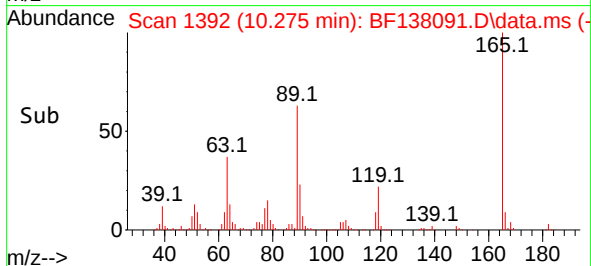
Tgt Ion:165 Resp: 28682
Ion Ratio Lower Upper
165 100
63 36.9 27.4 41.0
89 63.4 47.4 71.2
182 3.3 2.3 3.5

Manual Integrations

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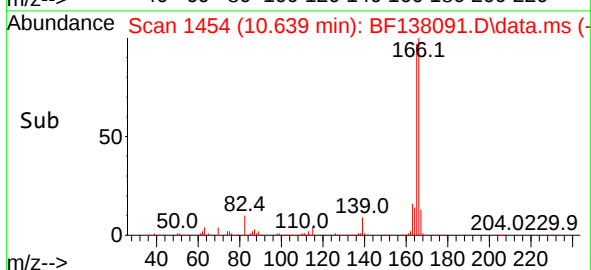
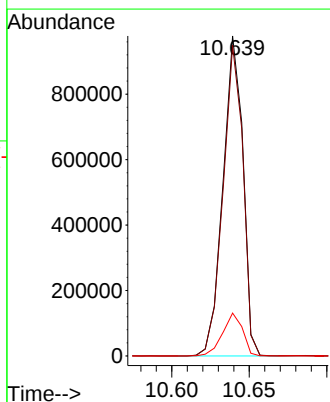
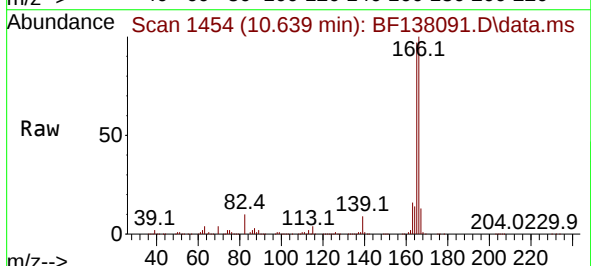
Reviewed By :Yogesh Patel 06/01/2024

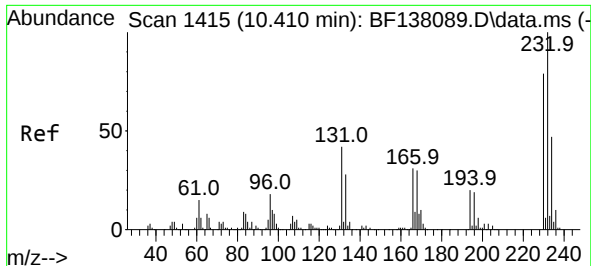
Supervised By :mohammad ahmed 06/01/2024



#58
Fluorene
Concen: 57.792 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion:166 Resp: 876106
Ion Ratio Lower Upper
166 100
165 97.0 77.8 116.8
167 13.4 10.6 16.0





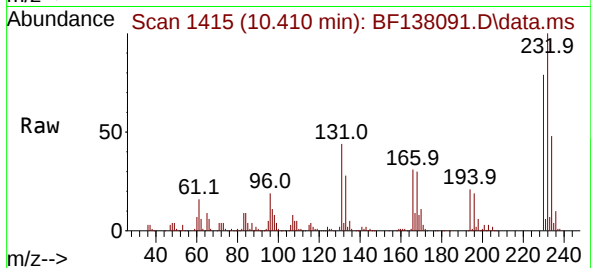
#59
2,3,4,6-Tetrachlorophenol
Concen: 60.620 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

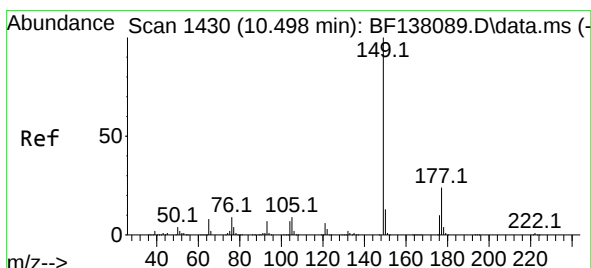
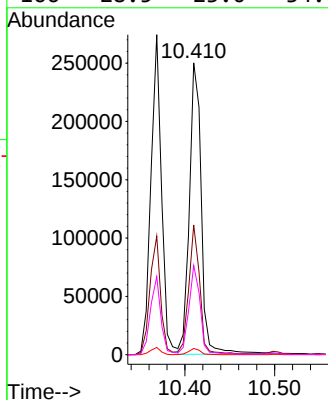
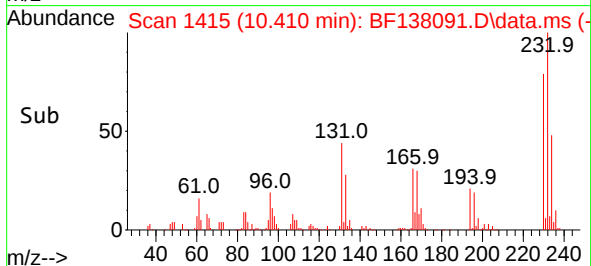


Tgt Ion:232 Resp: 229970
Ion Ratio Lower Upper
232 100
131 41.6 31.7 47.5
130 2.1 1.7 2.5
166 28.5 23.0 34.6

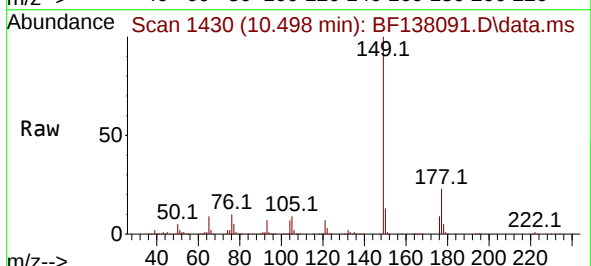
Manual Integrations

APPROVED

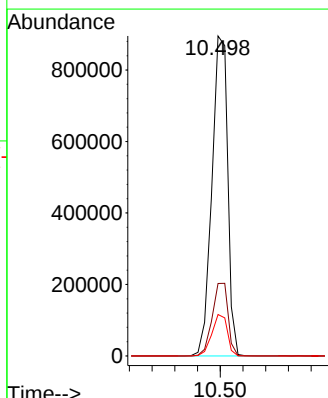
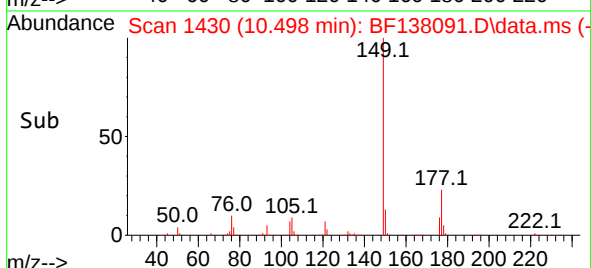
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

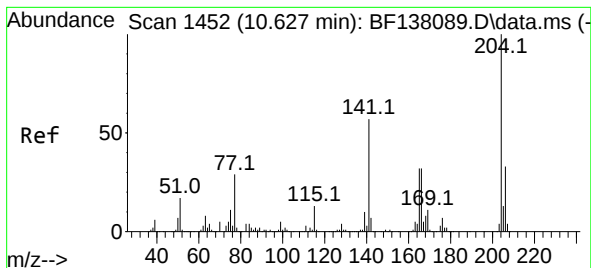


#60
Diethylphthalate
Concen: 58.695 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



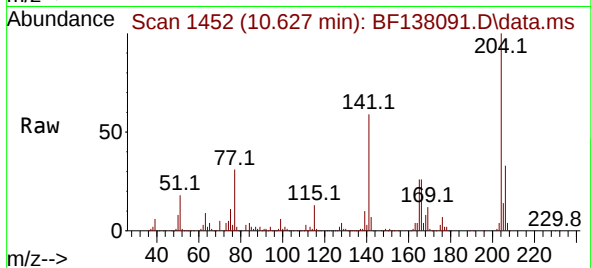
Tgt Ion:149 Resp: 865840
Ion Ratio Lower Upper
149 100
177 22.6 18.9 28.3
150 13.0 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 57.330 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

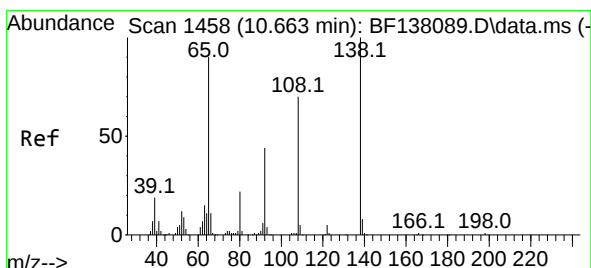
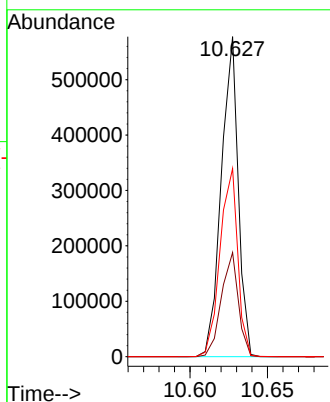
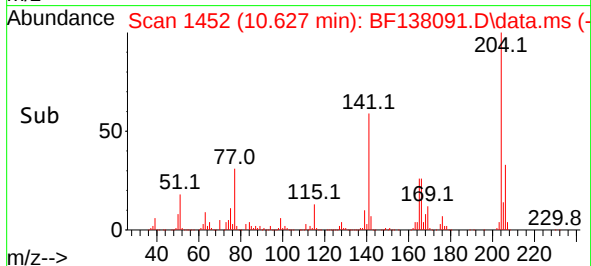
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



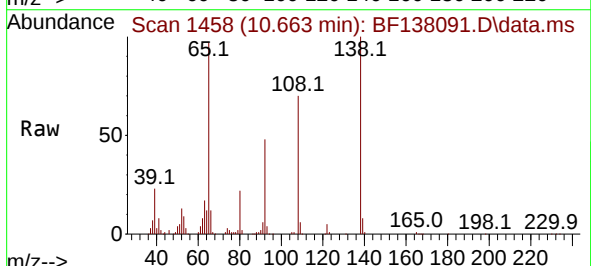
Tgt Ion:204 Resp: 438862
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 58.8 45.9 68.9

Manual Integrations
APPROVED

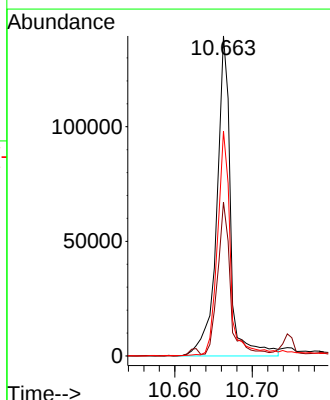
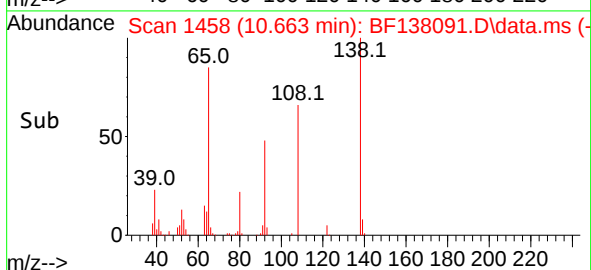
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

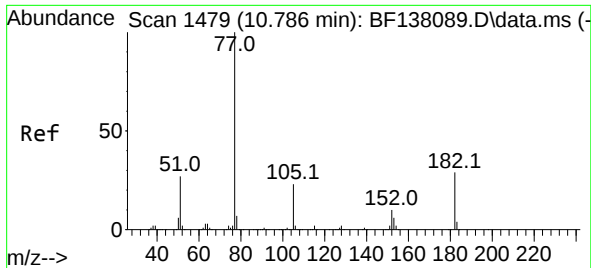


#62
4-Nitroaniline
Concen: 56.240 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



Tgt Ion:138 Resp: 173291
Ion Ratio Lower Upper
138 100
92 48.1 24.4 64.4
108 70.3 49.8 89.8





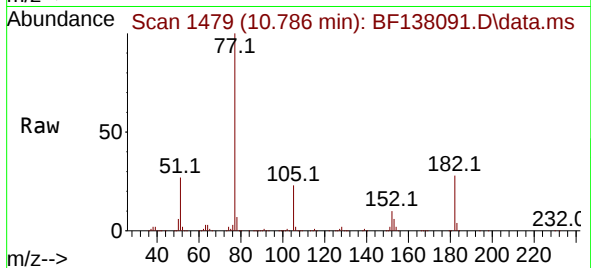
#63
Azobenzene
Concen: 59.458 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC060



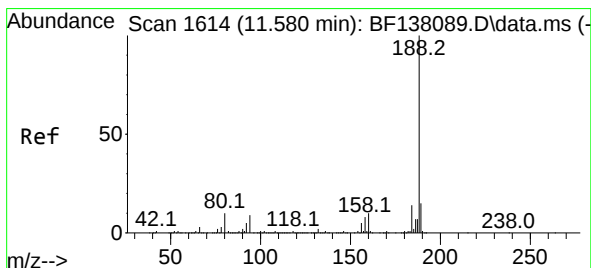
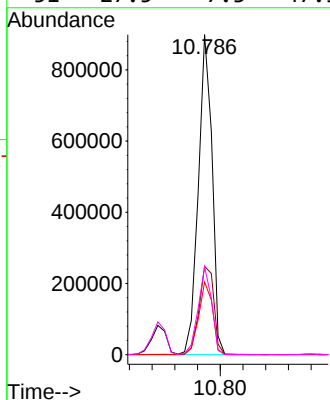
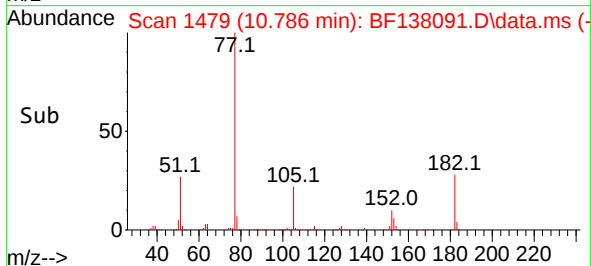
Tgt Ion: 77 Resp: 753694
Ion Ratio Lower Upper
77 100
182 27.6 8.8 48.8
105 22.7 2.8 42.8
51 27.5 7.3 47.3

Manual Integrations

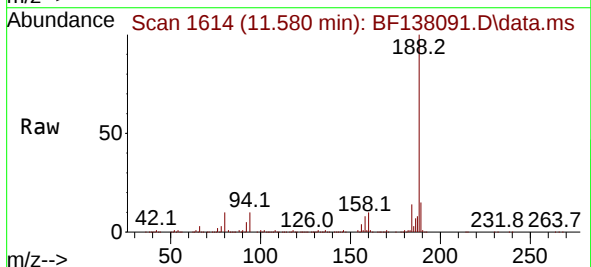
APPROVED

Reviewed By :Yogesh Patel 06/01/2024

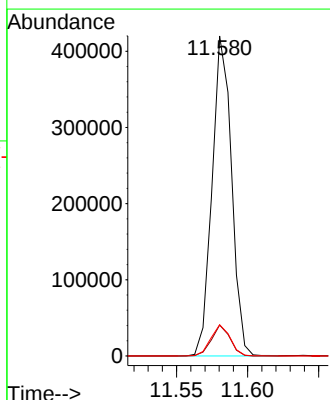
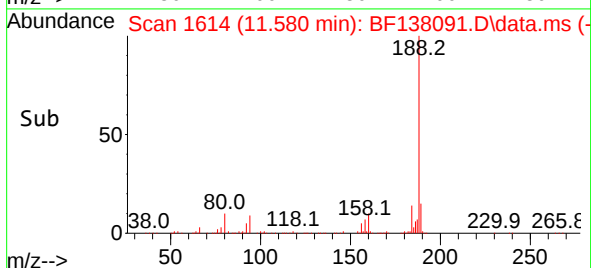
Supervised By :mohammad ahmed 06/01/2024

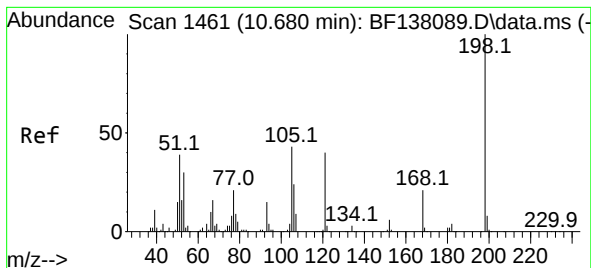


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



Tgt Ion:188 Resp: 400371
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.0
80 9.8 7.8 11.8





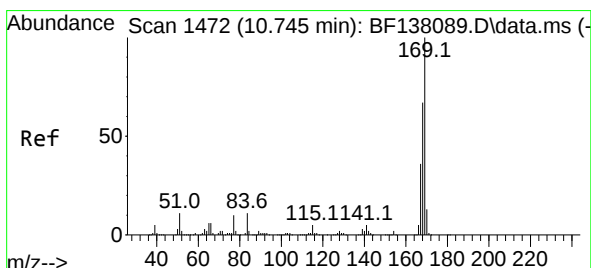
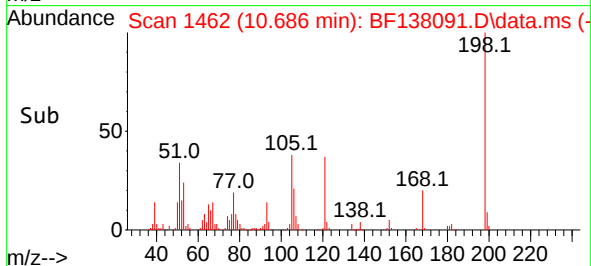
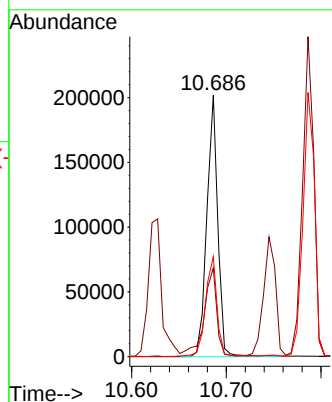
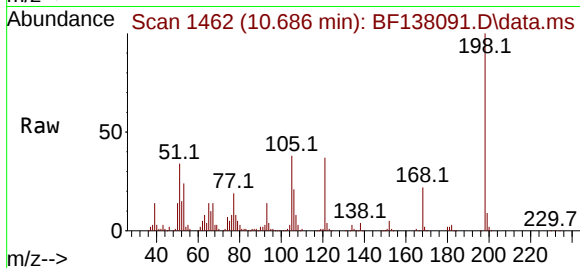
#65
4,6-Dinitro-2-methylphenol
Concen: 64.556 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 16207
Ion Ratio Lower Upper
198 100
51 33.9 22.4 62.4
105 38.3 23.2 63.2

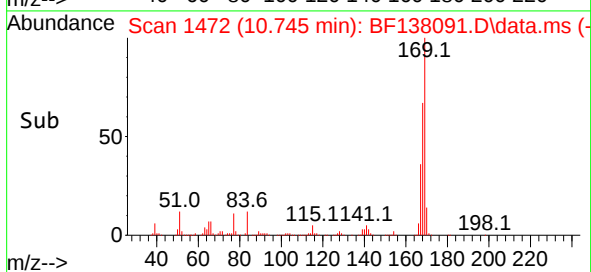
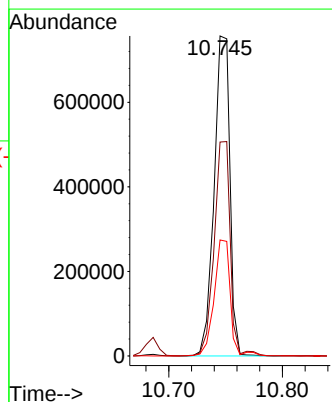
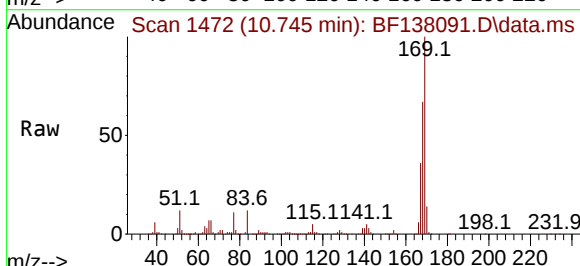
Manual Integrations
APPROVED

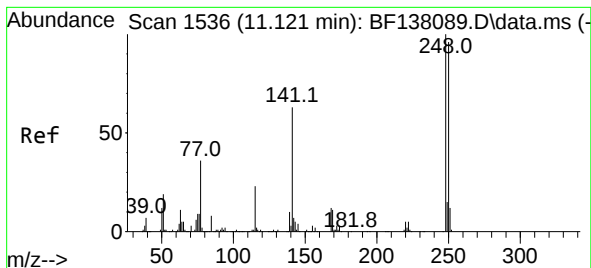
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#66
n-Nitrosodiphenylamine
Concen: 58.604 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion:169 Resp: 729894
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 36.2 28.8 43.2





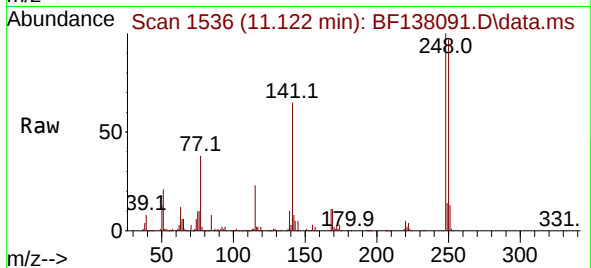
#67
4-Bromophenyl-phenylether
Concen: 59.659 ng
RT: 11.122 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



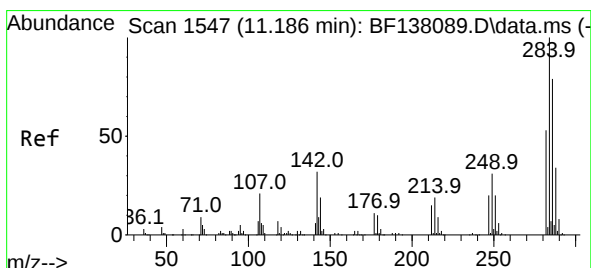
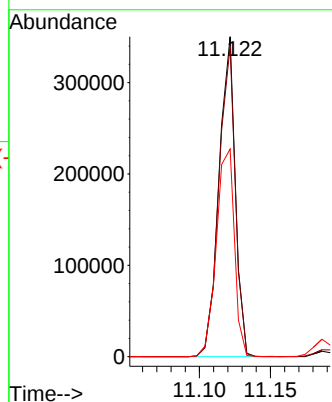
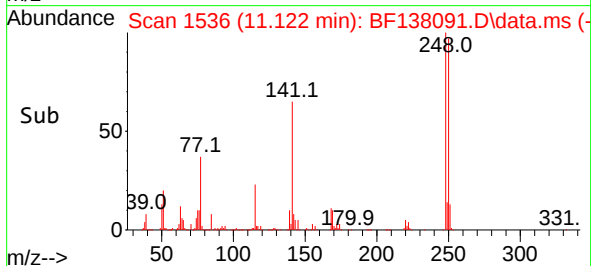
Tgt Ion:248 Resp: 27997
Ion Ratio Lower Upper
248 100
250 97.1 77.2 115.8
141 64.9 50.6 76.0

Manual Integrations

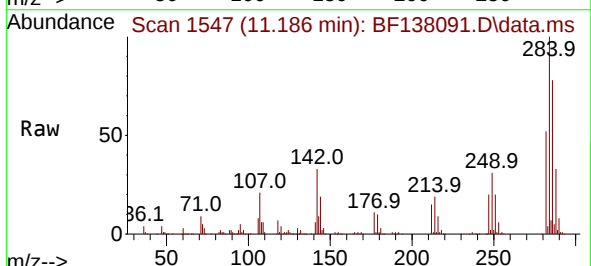
APPROVED

Reviewed By :Yogesh Patel 06/01/2024

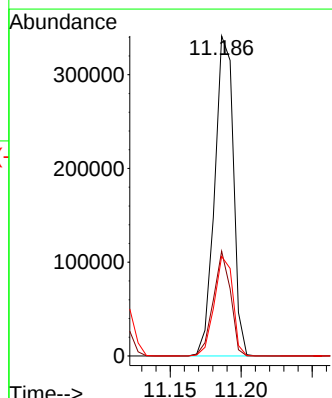
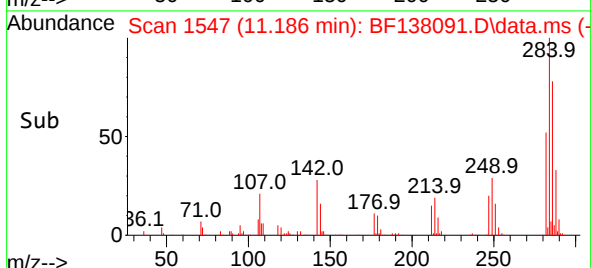
Supervised By :mohammad ahmed 06/01/2024

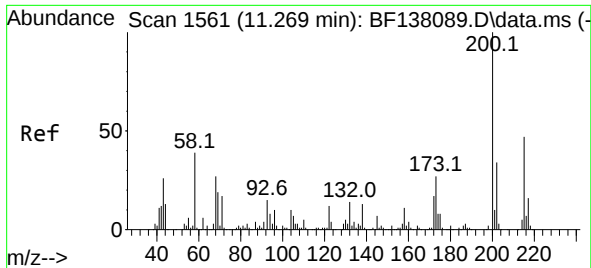


#68
Hexachlorobenzene
Concen: 59.692 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



Tgt Ion:284 Resp: 311271
Ion Ratio Lower Upper
284 100
142 32.8 25.9 38.9
249 31.1 25.1 37.7





#69
 Atrazine
 Concen: 62.123 ng
 RT: 11.274 min Scan# 1562
 Delta R.T. 0.006 min
 Lab File: BF138091.D
 Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

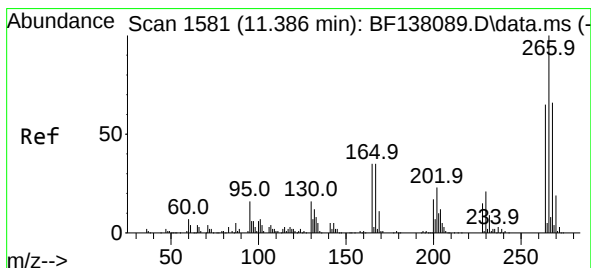
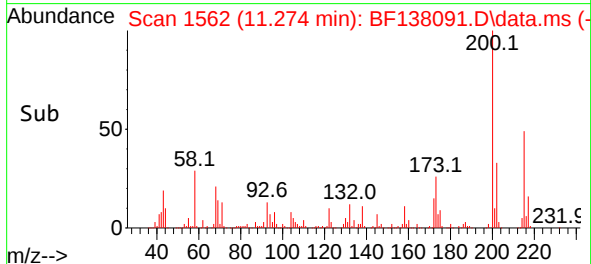
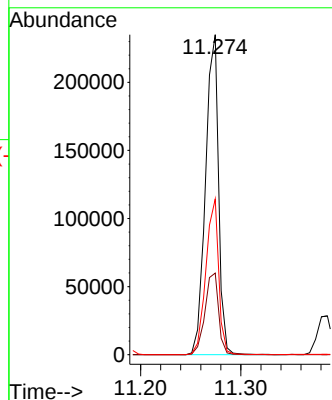
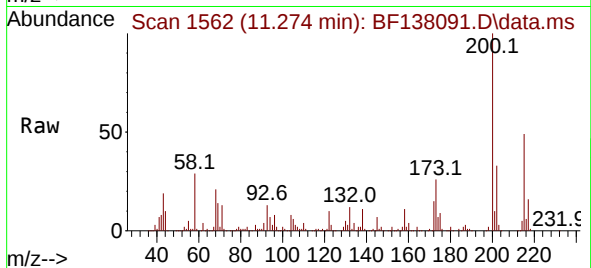
SSTDICC060

Tgt Ion:200 Resp: 21361
 Ion Ratio Lower Upper
 200 100
 173 25.5 7.2 47.2
 215 48.7 27.5 67.5

Manual Integrations

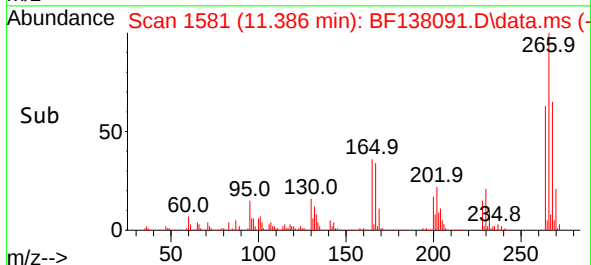
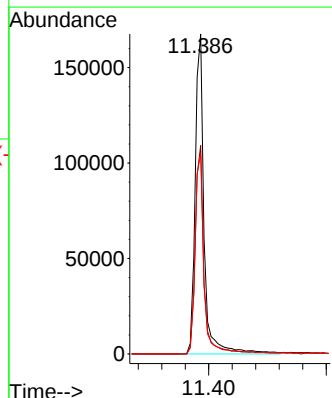
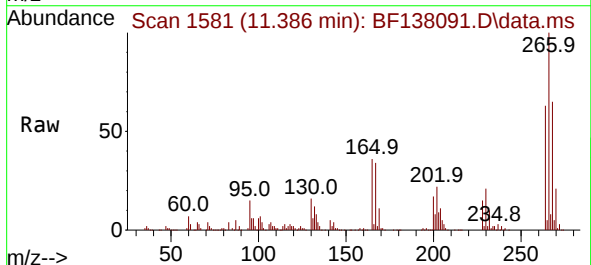
APPROVED

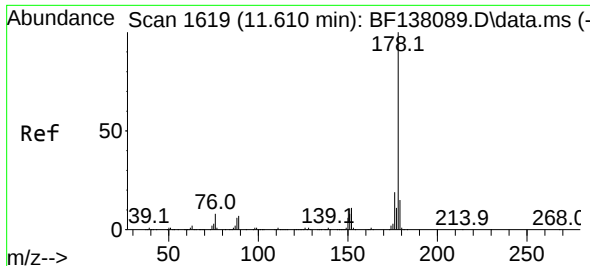
Reviewed By :Yogesh Patel 06/01/2024
 Supervised By :mohammad ahmed 06/01/2024



#70
 Pentachlorophenol
 Concen: 65.536 ng
 RT: 11.386 min Scan# 1581
 Delta R.T. 0.000 min
 Lab File: BF138091.D
 Acq: 31 May 2024 16:45

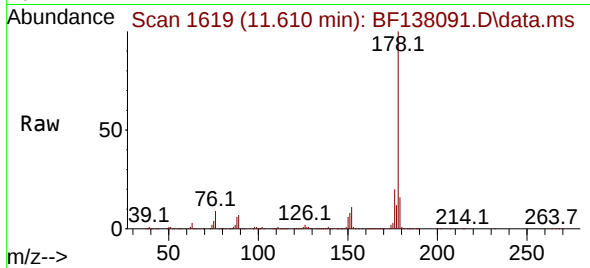
Tgt Ion:266 Resp: 176921
 Ion Ratio Lower Upper
 266 100
 268 65.1 53.0 79.6
 264 62.6 51.8 77.8





#71
Phenanthrene
Concen: 57.921 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

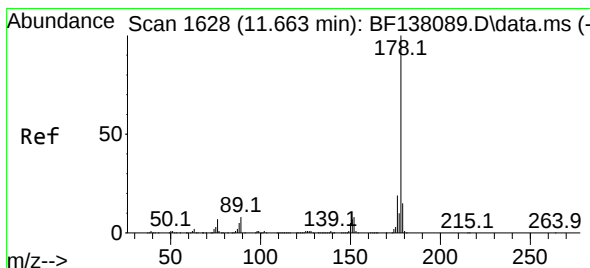
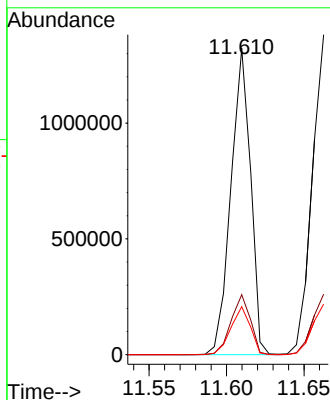
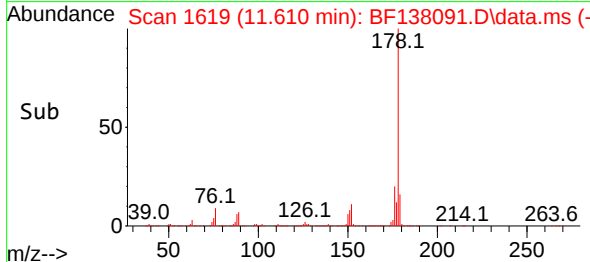
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



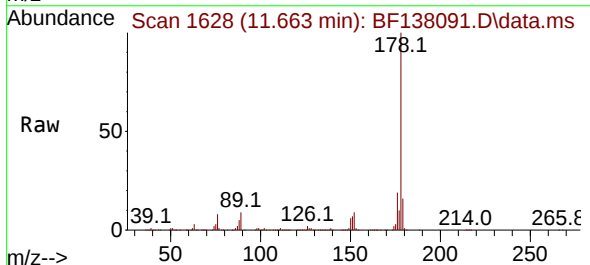
Tgt Ion:178 Resp: 1166479
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.1 18.1

Manual Integrations
APPROVED

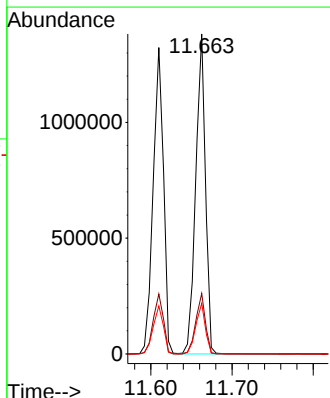
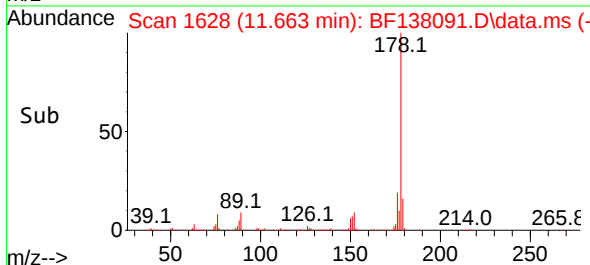
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

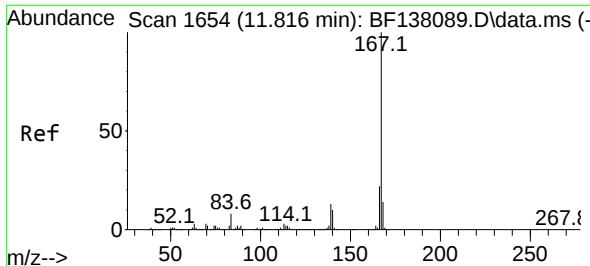


#72
Anthracene
Concen: 57.749 ng
RT: 11.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



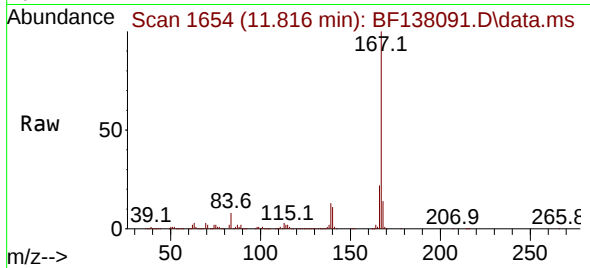
Tgt Ion:178 Resp: 1159883
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.8 12.2 18.4





#73
 Carbazole
 Concen: 57.986 ng
 RT: 11.816 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BF138091.D
 Acq: 31 May 2024 16:45

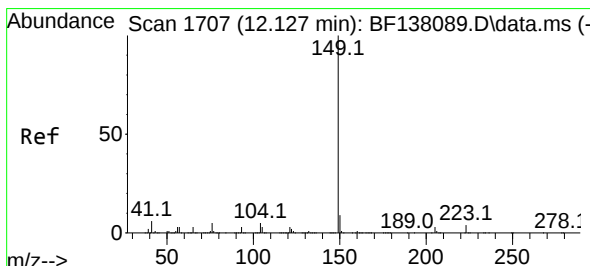
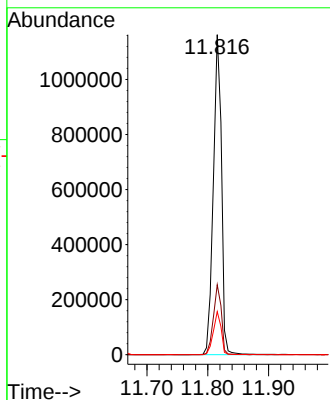
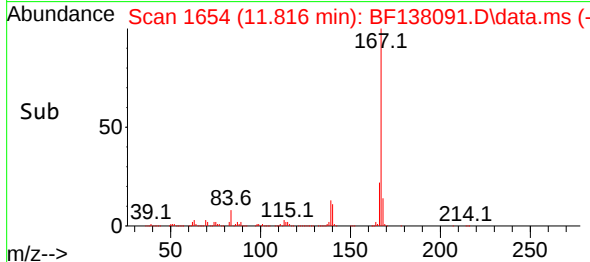
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060



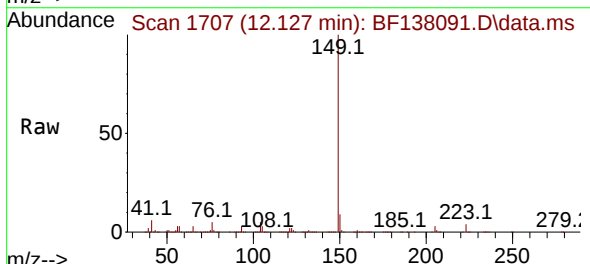
Tgt Ion:167 Resp: 1082080
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.5 10.4 15.6

Manual Integrations
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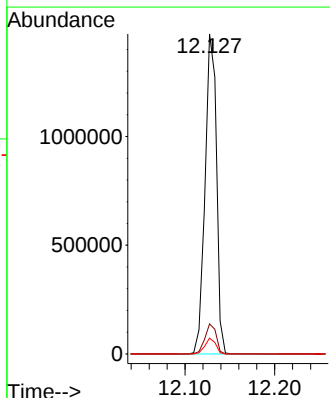
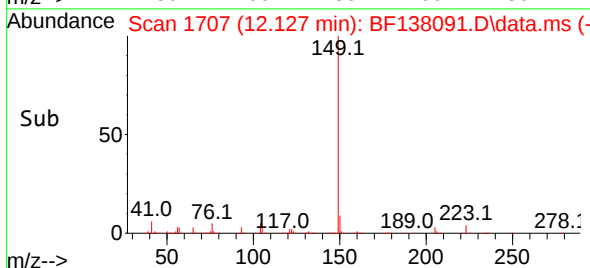
Reviewed By :Yogesh Patel 06/01/2024
 Supervised By :mohammad ahmed 06/01/2024

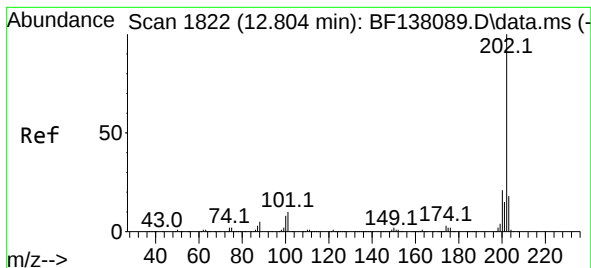


#74
 Di-n-butylphthalate
 Concen: 58.317 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. 0.000 min
 Lab File: BF138091.D
 Acq: 31 May 2024 16:45



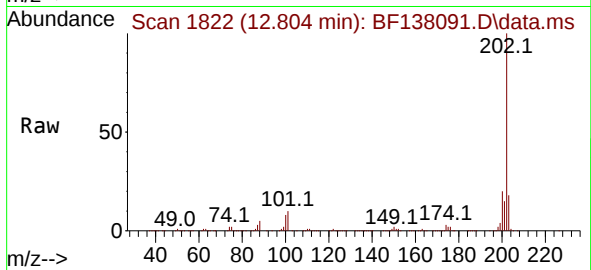
Tgt Ion:149 Resp: 1298753
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.0 3.8 5.6





#75
Fluoranthene
Concen: 56.378 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

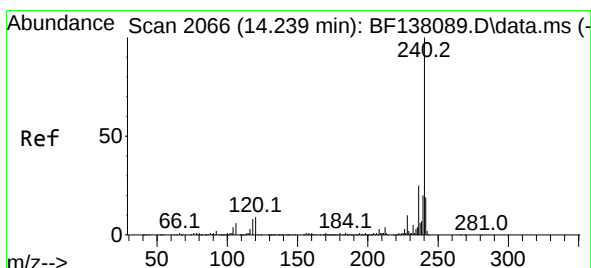
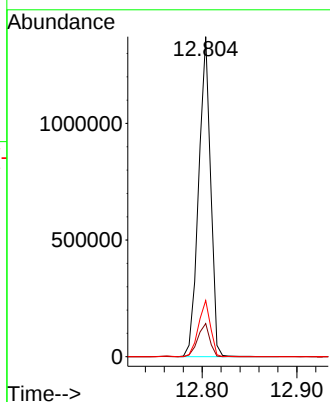
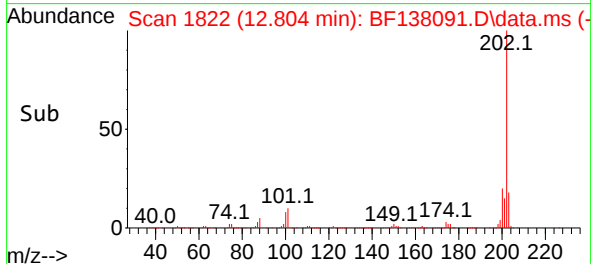
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



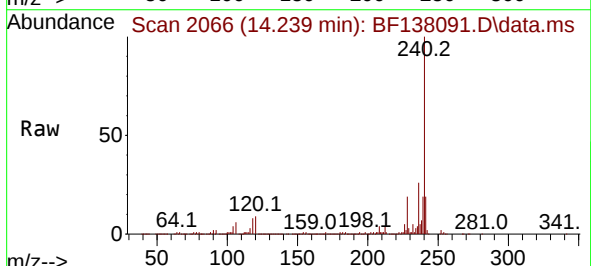
Tgt Ion:202 Resp: 1197979
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.3
203 17.5 0.0 37.8

Manual Integrations
APPROVED

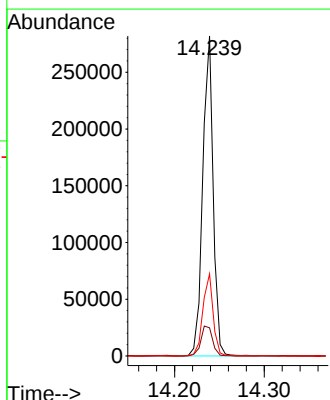
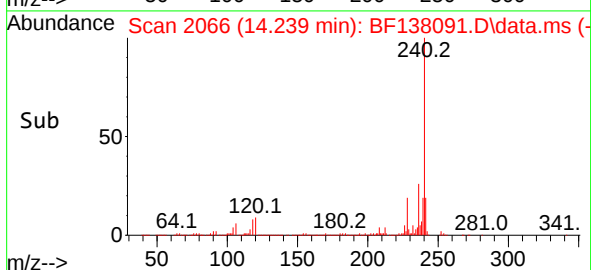
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

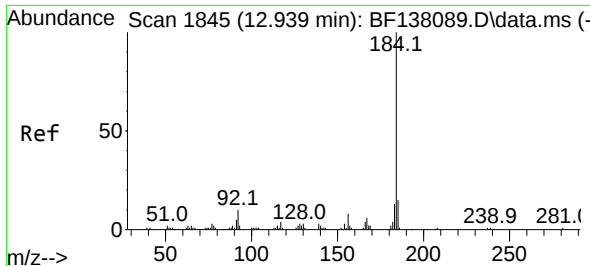


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



Tgt Ion:240 Resp: 227470
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 25.7 20.4 30.6





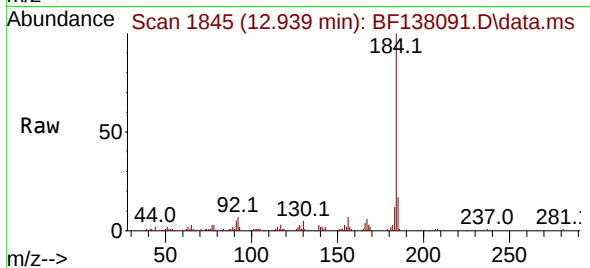
#77
Benzidine
Concen: 65.203 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



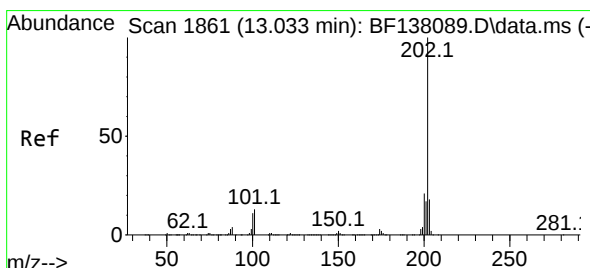
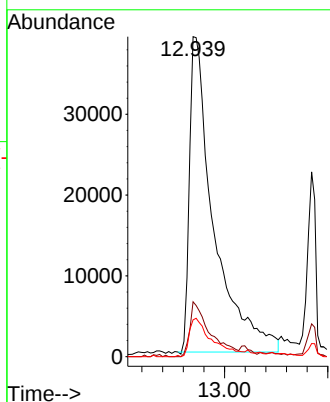
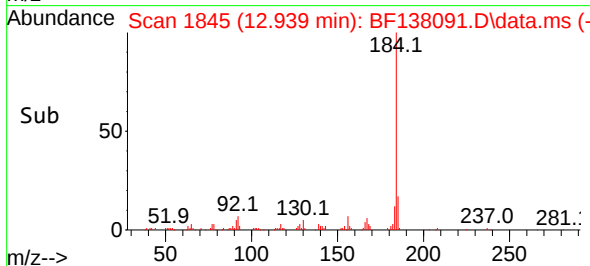
Tgt Ion:184 Resp: 127320
Ion Ratio Lower Upper
184 100
185 17.2 12.2 18.2
183 11.5 10.2 15.4

Manual Integrations

APPROVED

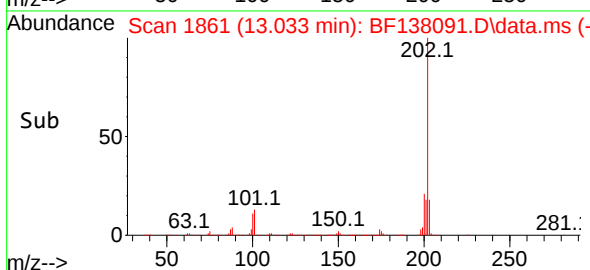
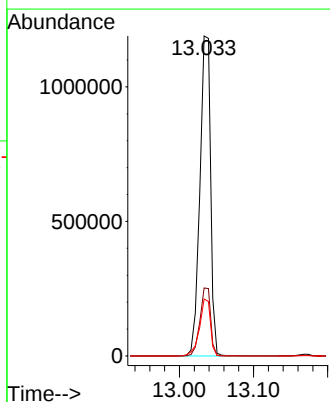
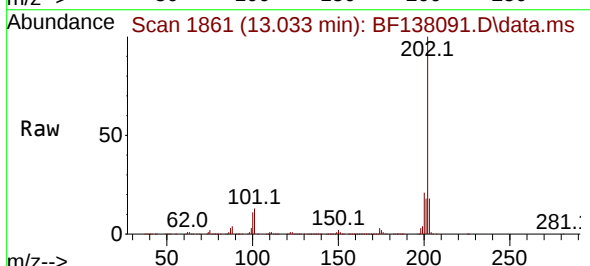
Reviewed By :Yogesh Patel 06/01/2024

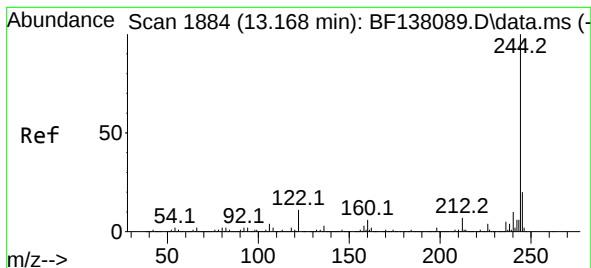
Supervised By :mohammad ahmed 06/01/2024



#78
Pyrene
Concen: 61.839 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion:202 Resp: 1194987
Ion Ratio Lower Upper
202 100
200 21.3 16.6 25.0
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 120.911 ng

RT: 13.168 min Scan# 1884

Delta R.T. 0.000 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:244 Resp: 190140

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

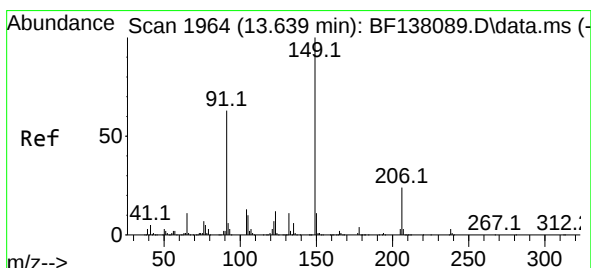
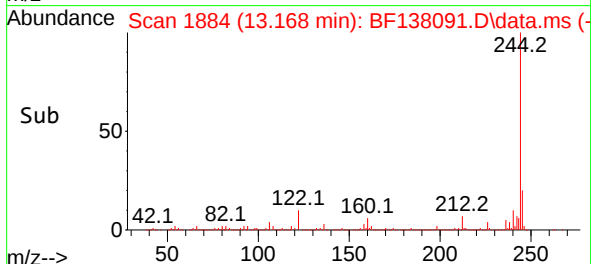
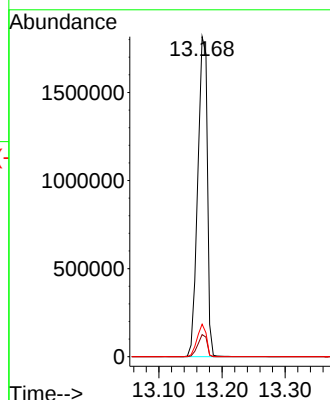
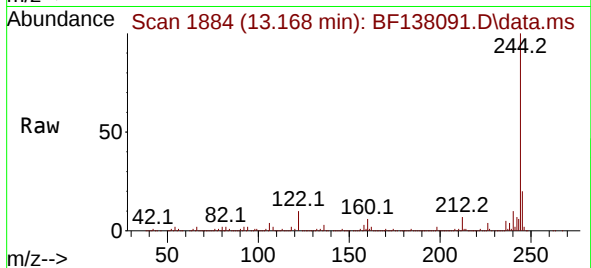
122 10.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024



#80

Butylbenzylphthalate

Concen: 60.748 ng

RT: 13.639 min Scan# 1964

Delta R.T. 0.000 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

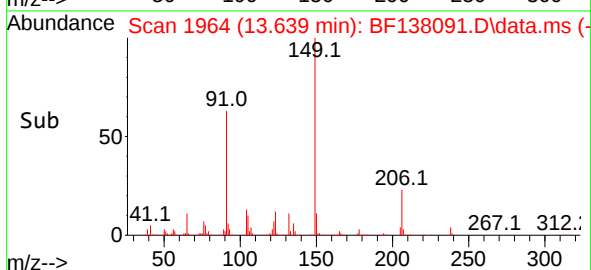
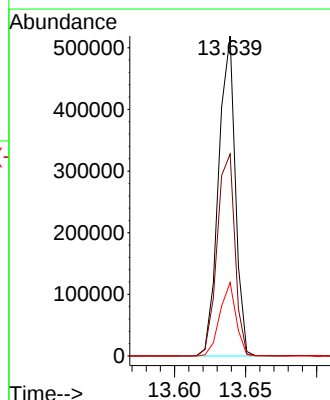
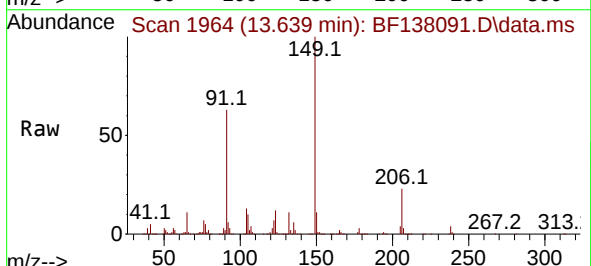
Tgt Ion:149 Resp: 426198

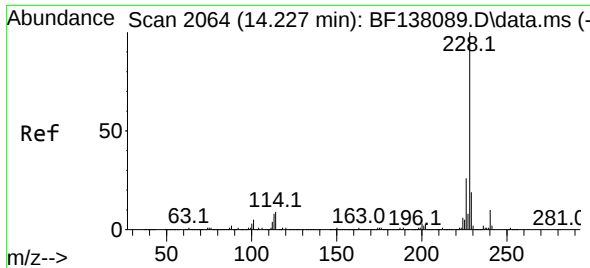
Ion Ratio Lower Upper

149 100

91 63.1 50.8 76.2

206 22.9 18.8 28.2





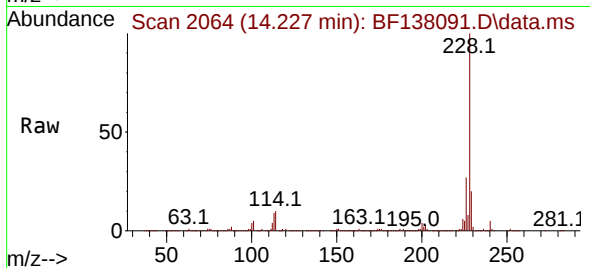
#81
Benzo(a)anthracene
Concen: 59.288 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

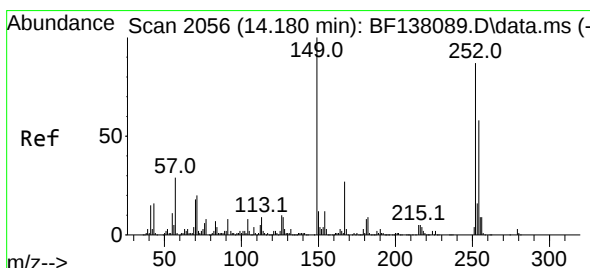
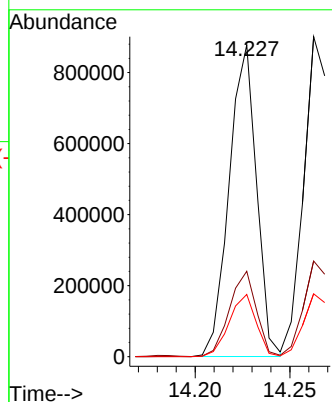
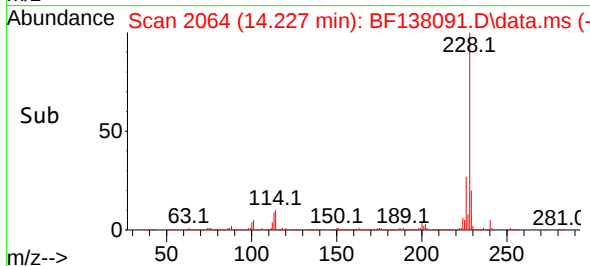


Tgt Ion:228 Resp: 88077
Ion Ratio Lower Upper
228 100
226 27.4 21.0 31.6
229 20.0 15.4 23.0

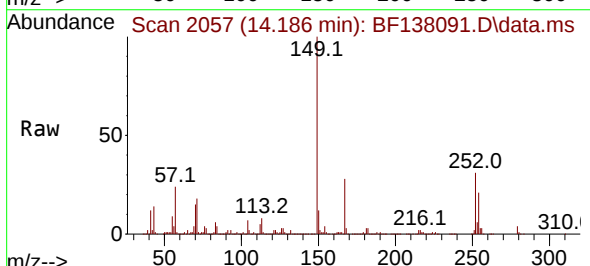
Manual Integrations

APPROVED

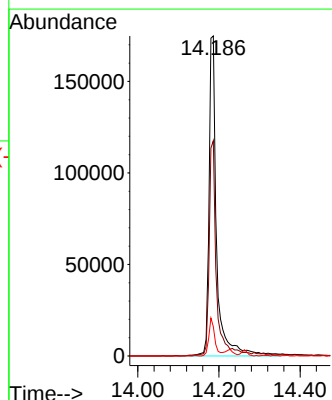
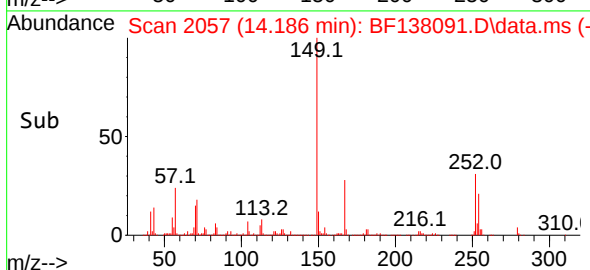
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

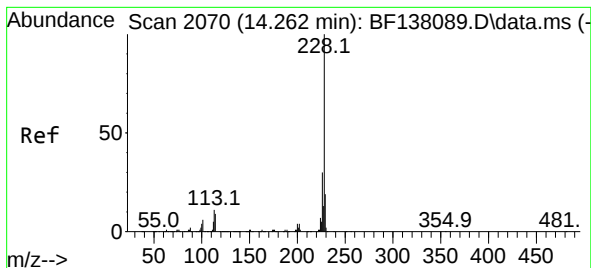


#82
3,3'-Dichlorobenzidine
Concen: 57.376 ng
RT: 14.186 min Scan# 2057
Delta R.T. 0.006 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45



Tgt Ion:252 Resp: 228331
Ion Ratio Lower Upper
252 100
254 67.3 53.5 80.3
126 9.1 9.2 13.8#





#83

Chrysene

Concen: 59.658 ng

RT: 14.263 min Scan# 2070

Delta R.T. 0.000 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

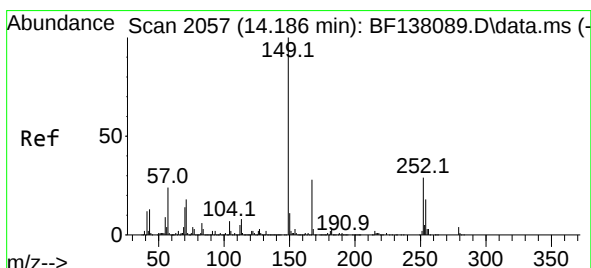
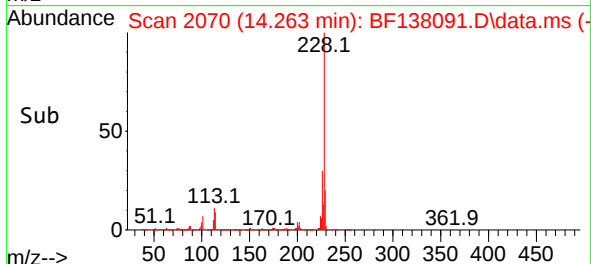
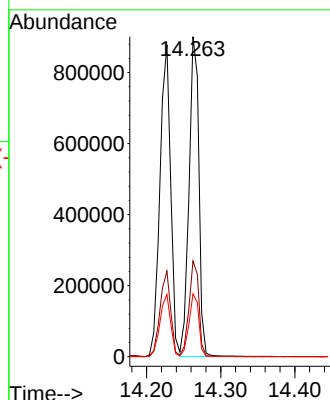
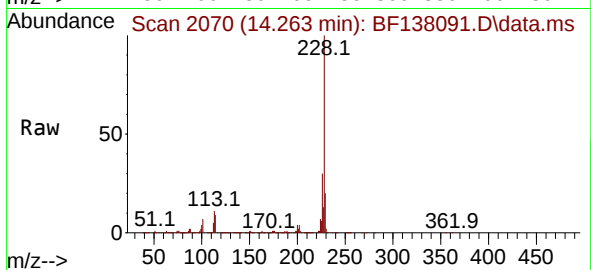
SSTDICC060

Tgt Ion:	228	Resp:	83681
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.8
229	19.7	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.138 ng

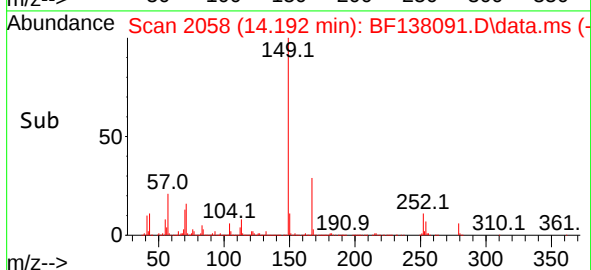
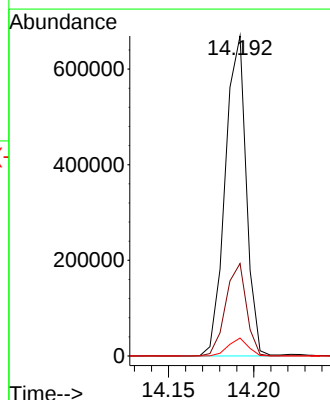
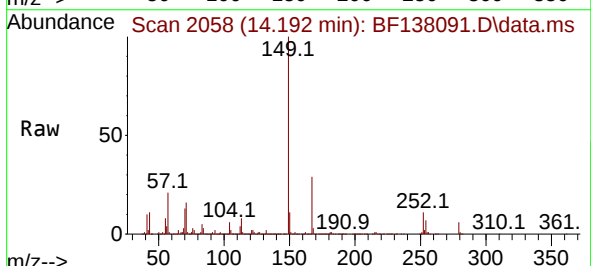
RT: 14.192 min Scan# 2058

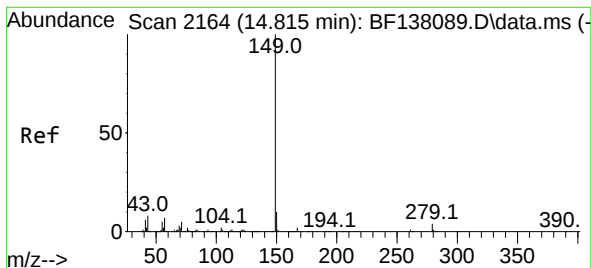
Delta R.T. 0.006 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

Tgt Ion:	149	Resp:	574003
Ion Ratio	Lower	Upper	
149	100		
167	28.9	22.2	33.2
279	5.6	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 60.903 ng

RT: 14.815 min Scan# 2164

Delta R.T. 0.000 min

Lab File: BF138091.D

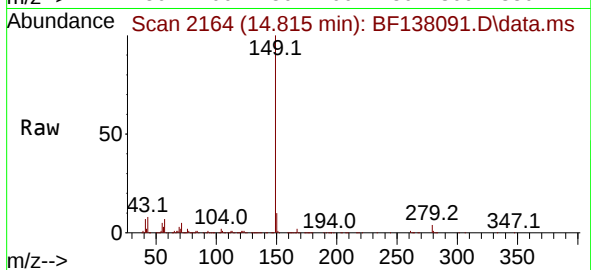
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:149 Resp: 85190

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

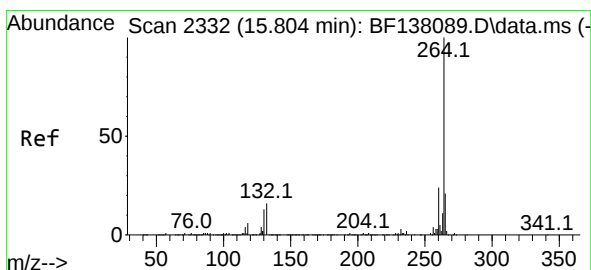
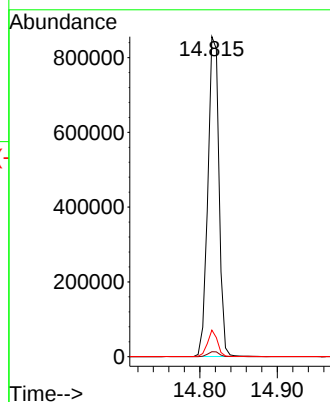
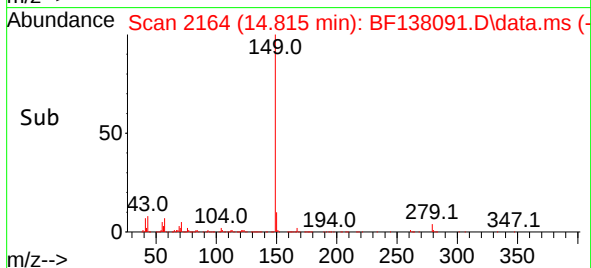
43 7.4 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.804 min Scan# 2332

Delta R.T. 0.000 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

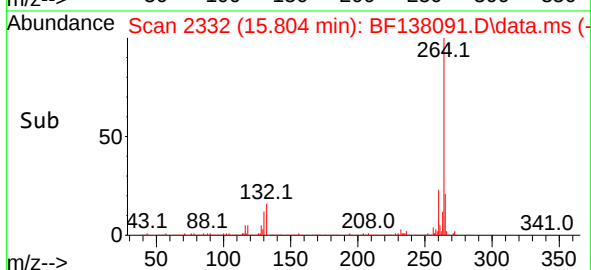
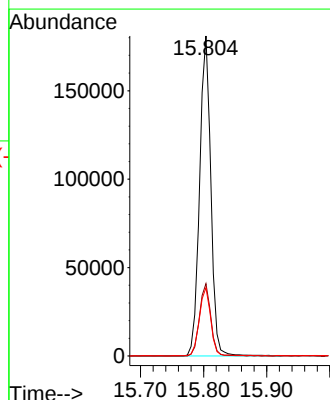
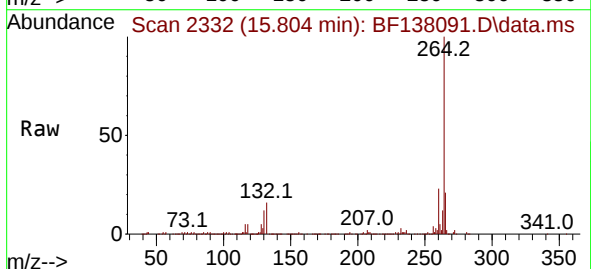
Tgt Ion:264 Resp: 222390

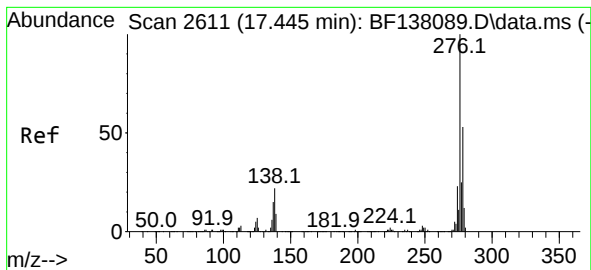
Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 21.3 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 65.770 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

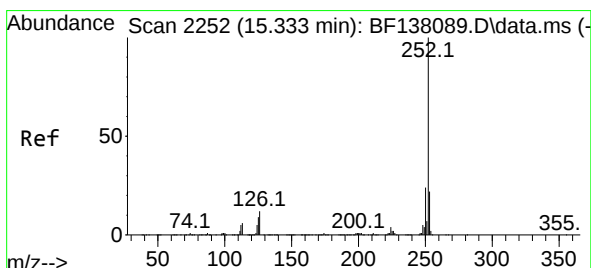
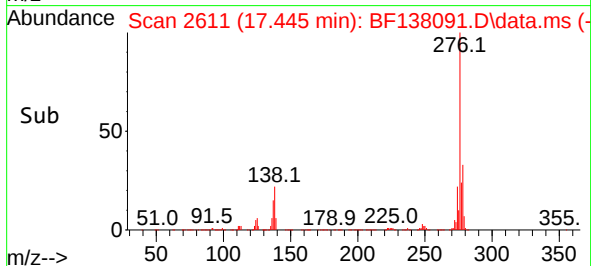
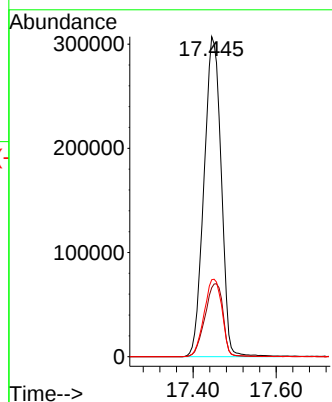
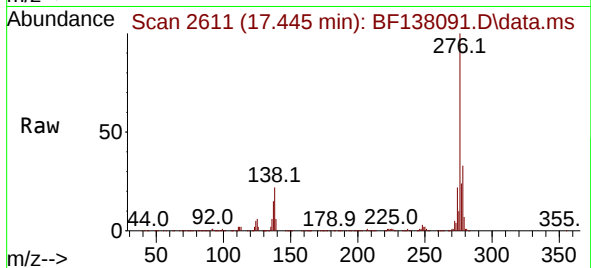
SSTDICC060

Tgt Ion:276 Resp: 881600
Ion Ratio Lower Upper
276 100
138 23.9 19.0 28.6
277 25.3 20.1 30.1

Manual Integrations

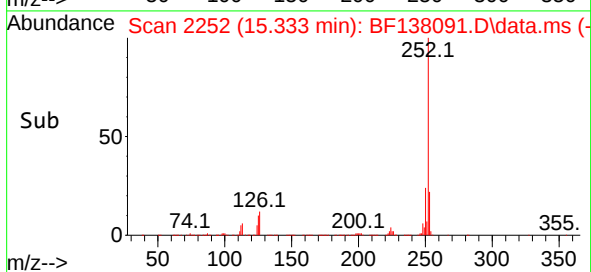
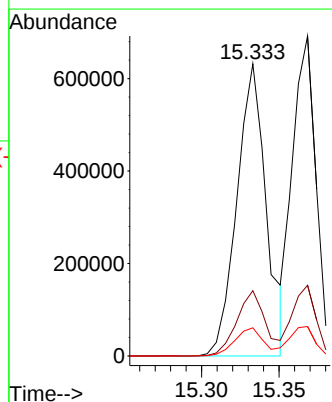
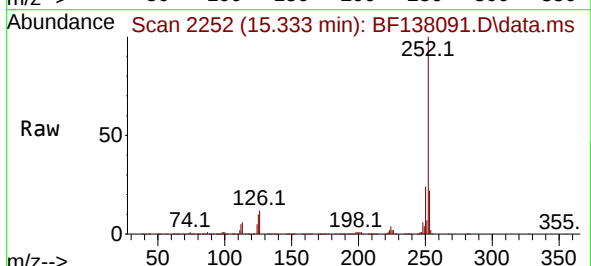
APPROVED

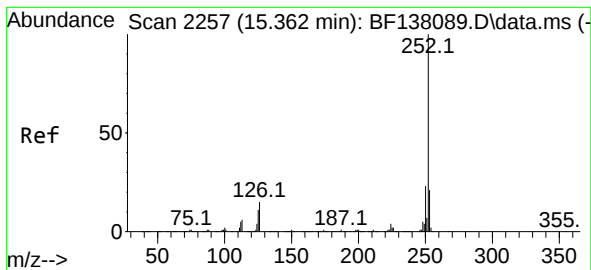
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#88
Benzo(b)fluoranthene
Concen: 60.663 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion:252 Resp: 831115
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.6 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 56.301 ng

RT: 15.368 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 73289

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

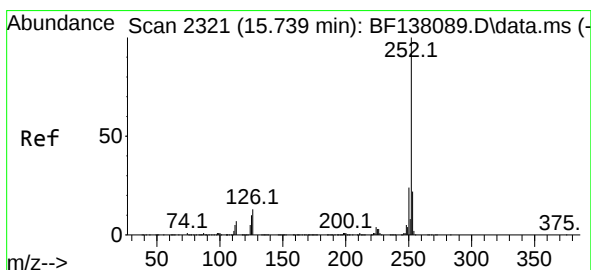
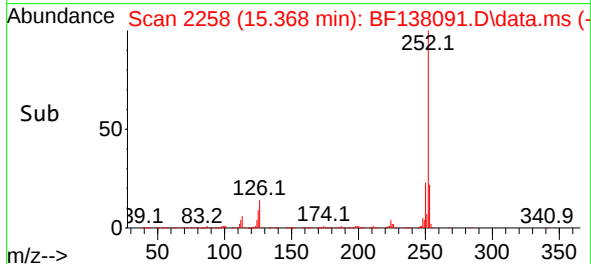
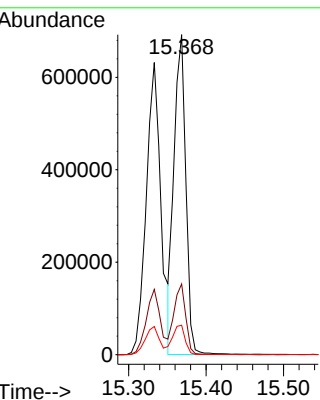
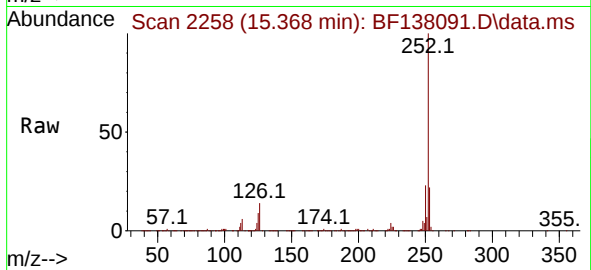
125 9.2 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024



#90

Benzo(a)pyrene

Concen: 59.795 ng

RT: 15.739 min Scan# 2321

Delta R.T. 0.000 min

Lab File: BF138091.D

Acq: 31 May 2024 16:45

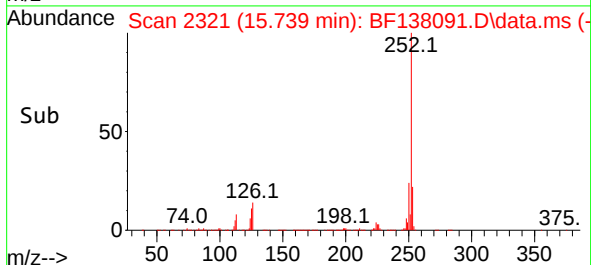
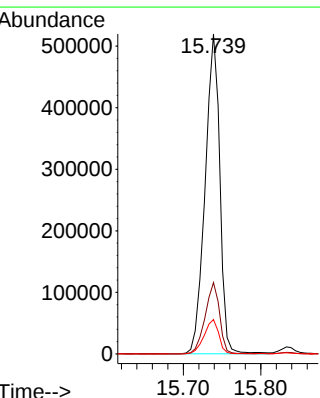
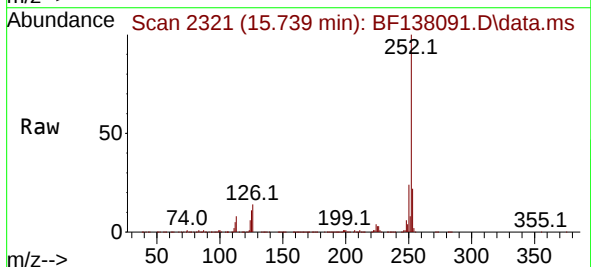
Tgt Ion:252 Resp: 684804

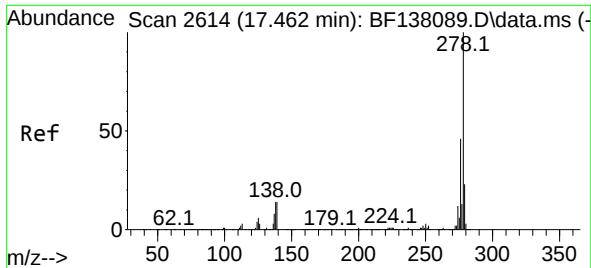
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.7 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 65.507 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.006 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Instrument :

BNA_F

ClientSampleId :

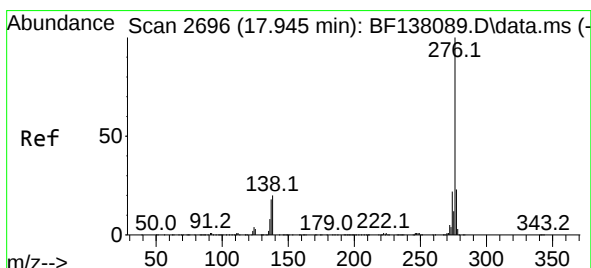
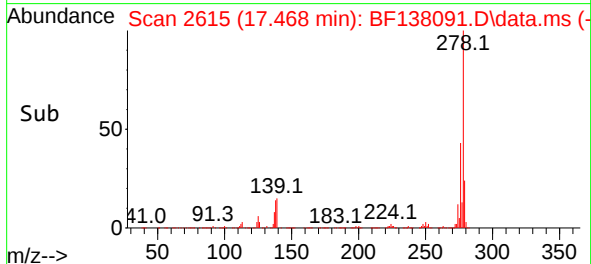
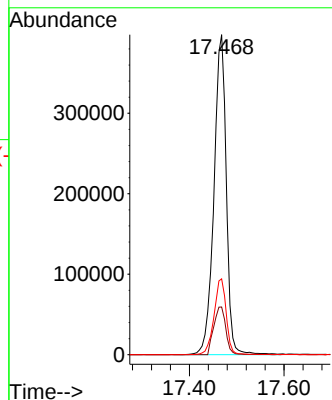
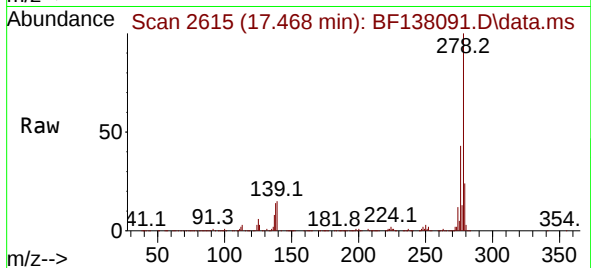
SSTDICC060

Tgt Ion:278 Resp: 72039
Ion Ratio Lower Upper
278 100
139 14.9 11.5 17.3
279 23.7 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#92
Benzo(g,h,i)perylene
Concen: 66.055 ng
RT: 17.951 min Scan# 2697
Delta R.T. 0.006 min
Lab File: BF138091.D
Acq: 31 May 2024 16:45

Tgt Ion:276 Resp: 737846
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 20.3 16.3 24.5

