

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133672.D
 Acq On : 09 Jun 2023 13:05
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060923

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 15:44:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	97189	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	351339	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	169941	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	314862	20.000	ng	0.00
76) Chrysene-d12	14.016	240	183008	20.000	ng	0.00
86) Perylene-d12	15.474	264	154576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	452627	81.077	ng	0.00
7) Phenol-d6	6.469	99	551898	75.948	ng	0.00
23) Nitrobenzene-d5	7.404	82	531129	82.339	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	168174	78.179	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	955766	79.948	ng	0.00
79) Terphenyl-d14	12.957	244	933470	78.926	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	91970	37.472	ng	98
3) Pyridine	3.316	79	256383	35.839	ng	95
4) n-Nitrosodimethylamine	3.281	42	151857	38.403	ng	97
6) Aniline	6.504	93	351039	38.354	ng	99
8) 2-Chlorophenol	6.622	128	227951	38.746	ng	100
9) Benzaldehyde	6.387	77	170056	35.273	ng	95
10) Phenol	6.481	94	291671	38.439	ng	97
11) bis(2-Chloroethyl)ether	6.575	93	215176	38.198	ng	95
12) 1,3-Dichlorobenzene	6.781	146	246681	39.243	ng	99
13) 1,4-Dichlorobenzene	6.857	146	249641	39.293	ng	97
14) 1,2-Dichlorobenzene	7.010	146	230583	40.166	ng	99
15) Benzyl Alcohol	6.981	79	224163	39.496	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	370341	38.783	ng	99
17) 2-Methylphenol	7.093	107	205403	39.390	ng	99
18) Hexachloroethane	7.351	117	88829	40.840	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	177908	38.479	ng	96
20) 3+4-Methylphenols	7.245	107	254073	37.454	ng	96
22) Acetophenone	7.251	105	317812	39.440	ng	97
24) Nitrobenzene	7.428	77	268674	41.365	ng	97
25) Isophorone	7.663	82	466945	39.430	ng	98
26) 2-Nitrophenol	7.740	139	121573	41.706	ng	97
27) 2,4-Dimethylphenol	7.775	122	199715	39.750	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	269789	39.417	ng	100
29) 2,4-Dichlorophenol	7.981	162	191886	38.968	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	203882	39.684	ng	97
31) Naphthalene	8.145	128	663197	38.744	ng	100
32) Benzoic acid	7.887	122	141181m	44.554	ng	
33) 4-Chloroaniline	8.192	127	283187	38.692	ng	99
34) Hexachlorobutadiene	8.257	225	134124	39.874	ng	98
35) Caprolactam	8.575	113	62055	37.451	ng	97
36) 4-Chloro-3-methylphenol	8.669	107	219645	38.697	ng	96
37) 2-Methylnaphthalene	8.834	142	466188	39.198	ng	99
38) 1-Methylnaphthalene	8.934	142	427985	39.106	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	206551	39.980	ng	100
41) Hexachlorocyclopentadiene	8.987	237	98164	42.637	ng	95
43) 2,4,6-Trichlorophenol	9.110	196	137317	39.775	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	159350	39.675	ng	98
46) 1,1'-Biphenyl	9.298	154	548577	40.025	ng	99
47) 2-Chloronaphthalene	9.328	162	397272	40.408	ng	99
48) 2-Nitroaniline	9.422	65	146815	40.831	ng	99
49) Acenaphthylene	9.739	152	666128	38.928	ng	99
50) Dimethylphthalate	9.604	163	498259	39.280	ng	100
51) 2,6-Dinitrotoluene	9.663	165	105886	40.442	ng	# 76
52) Acenaphthene	9.916	154	386615m	38.599	ng	
53) 3-Nitroaniline	9.834	138	126763	39.785	ng	91
54) 2,4-Dinitrophenol	9.939	184	48658	41.030	ng	96
55) Dibenzofuran	10.086	168	598915	39.187	ng	96
56) 4-Nitrophenol	9.986	139	87497	40.690	ng	# 79
57) 2,4-Dinitrotoluene	10.069	165	139583	41.918	ng	97
58) Fluorene	10.428	166	460938	39.437	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	119507	39.742	ng	97
60) Diethylphthalate	10.298	149	512774	39.719	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	227046	39.350	ng	97
62) 4-Nitroaniline	10.445	138	118060	37.791	ng	91
63) Azobenzene	10.581	77	472497	38.661	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	63621	42.285	ng	# 78
66) n-Nitrosodiphenylamine	10.539	169	408064	38.583	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	138603	39.440	ng	98
68) Hexachlorobenzene	10.975	284	145989	39.504	ng	99
69) Atrazine	11.069	200	118990	38.776	ng	96
70) Pentachlorophenol	11.169	266	91606	41.396	ng	98
71) Phenanthrene	11.392	178	626429	39.214	ng	100
72) Anthracene	11.445	178	645744	38.768	ng	99
73) Carbazole	11.598	167	586011	37.775	ng	99
74) Di-n-butylphthalate	11.928	149	756111	38.019	ng	99
75) Fluoranthene	12.580	202	663049	39.086	ng	98
77) Benzidine	12.704	184	234067	38.115	ng	98
78) Pyrene	12.816	202	664327	38.968	ng	100
80) Butylbenzylphthalate	13.433	149	288289	40.057	ng	99
81) Benzo(a)anthracene	14.004	228	485713	38.370	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	160949	38.244	ng	# 99
83) Chrysene	14.039	228	467034	39.008	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	353422	39.882	ng	98
85) Di-n-octyl phthalate	14.604	149	477629	37.928	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	455165	42.801	ng	100
88) Benzo(b)fluoranthene	15.051	252	362690	38.626	ng	98
89) Benzo(k)fluoranthene	15.080	252	363237	39.712	ng	99
90) Benzo(a)pyrene	15.416	252	350135	40.178	ng	98
91) Dibenzo(a,h)anthracene	16.962	278	377136	42.836	ng	99
92) Benzo(g,h,i)perylene	17.392	276	367592	42.111	ng	97

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



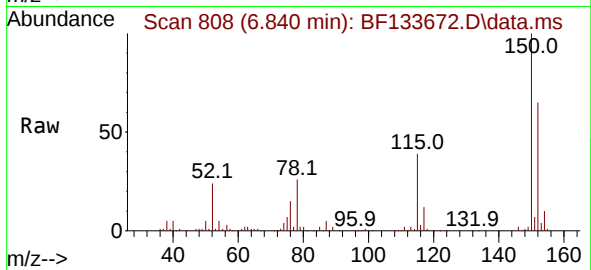
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133672.D
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ICVBF060923

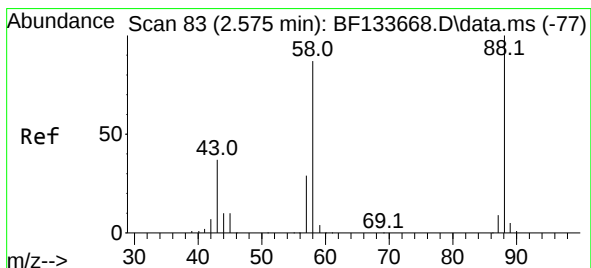
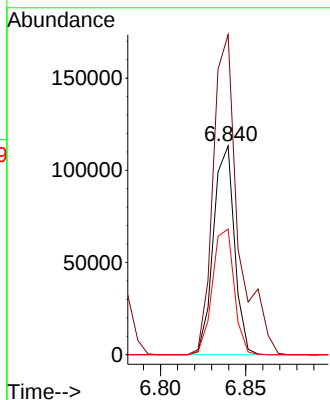
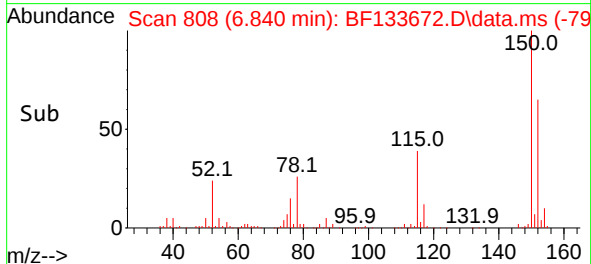


Tgt Ion:152 Resp: 97189
Ion Ratio Lower Upper
152 100
150 153.3 124.3 186.5
115 60.2 48.5 72.7

Manual Integrations

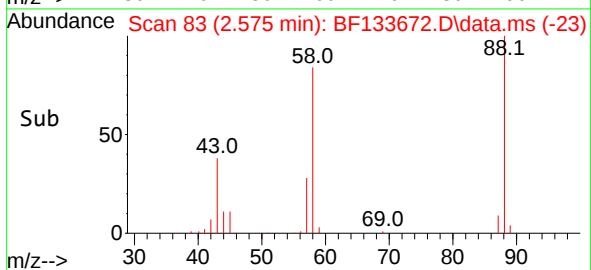
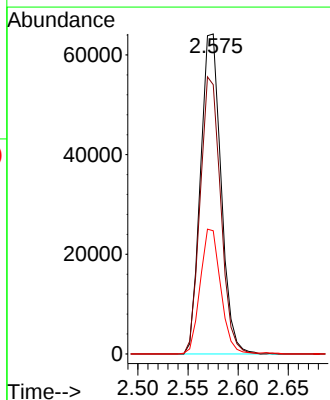
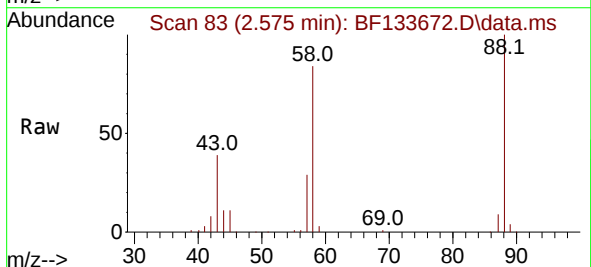
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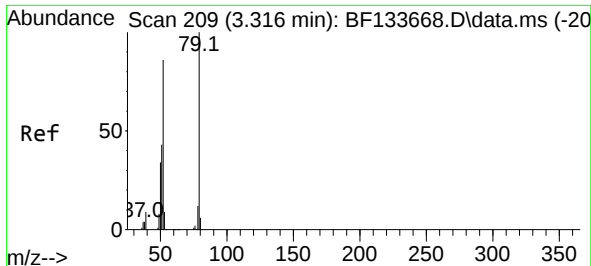
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#2
1,4-Dioxane
Concen: 37.472 ng
RT: 2.575 min Scan# 83
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

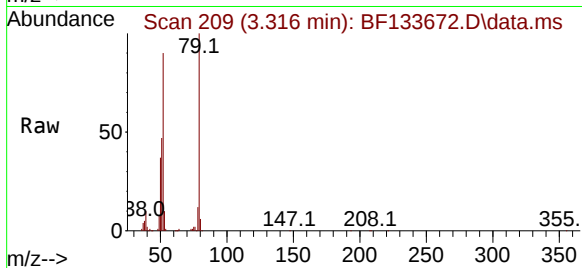
Tgt Ion: 88 Resp: 91970
Ion Ratio Lower Upper
88 100
58 86.2 67.8 101.6
43 39.0 29.8 44.6





#3
Pyridine
Concen: 35.839 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

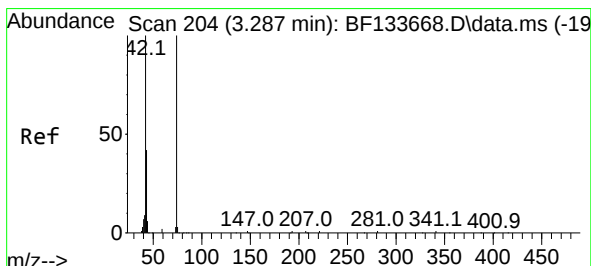
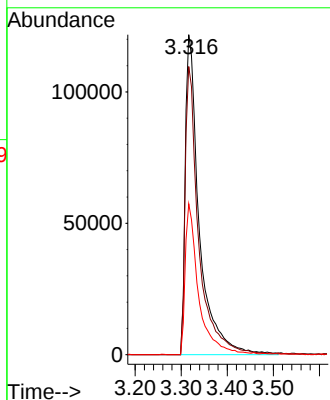
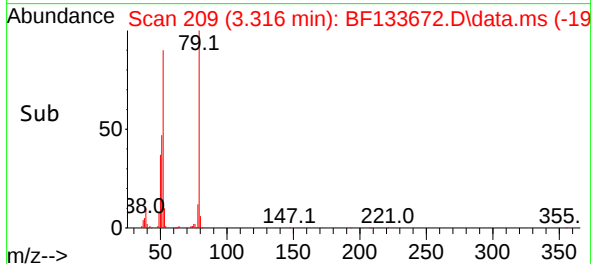
Instrument :
BNA_F
ClientSampleId :
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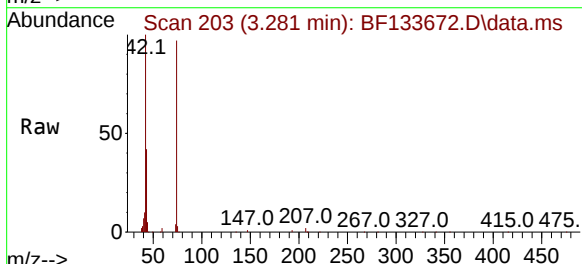
Tgt Ion: 79 Resp: 25638
Ion Ratio Lower Upper
79 100
52 90.0 68.6 102.8
51 47.2 34.8 52.2

Manual Integrations
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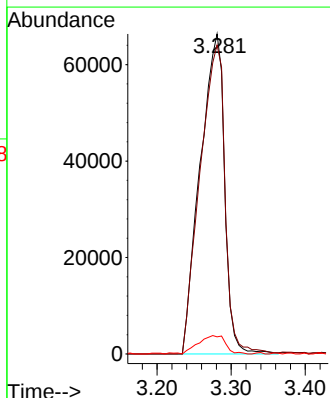
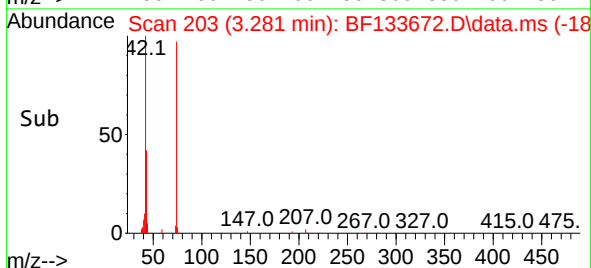
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#4
n-Nitrosodimethylamine
Concen: 38.403 ng
RT: 3.281 min Scan# 203
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



Tgt Ion: 42 Resp: 151857
Ion Ratio Lower Upper
42 100
74 96.6 79.8 119.8
44 5.4 4.7 7.1





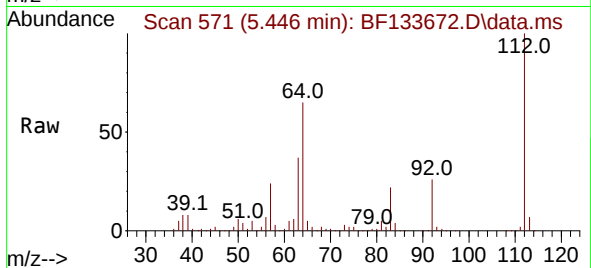
#5
2-Fluorophenol
Concen: 81.077 ng
RT: 5.446 min Scan# 51
Delta R.T. -0.005 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923



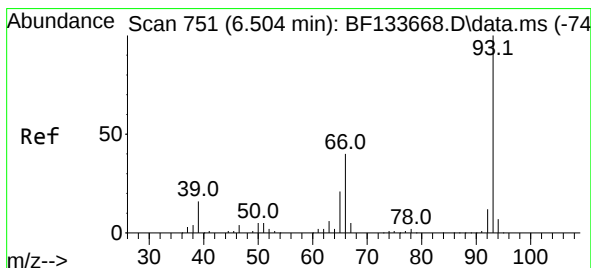
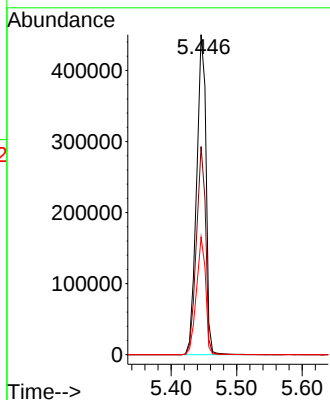
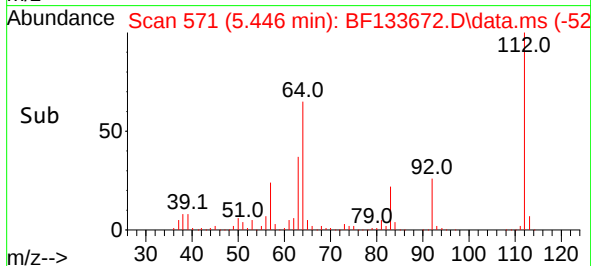
Tgt Ion:112 Resp: 45262
Ion Ratio Lower Upper
112 100
64 65.0 49.0 73.4
63 36.8 26.8 40.2

Manual Integrations

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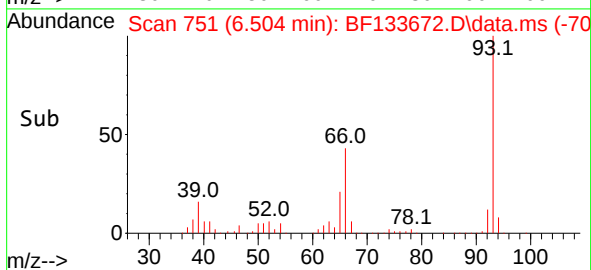
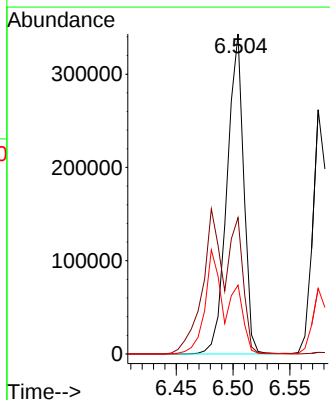
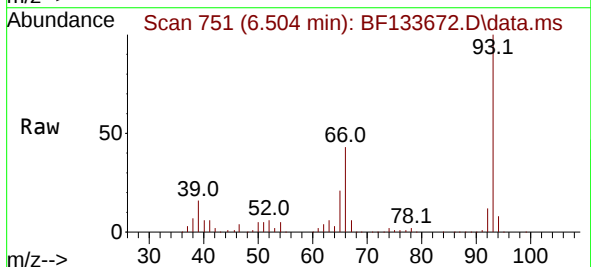
Reviewed By :Yogesh Patel 06/13/2023

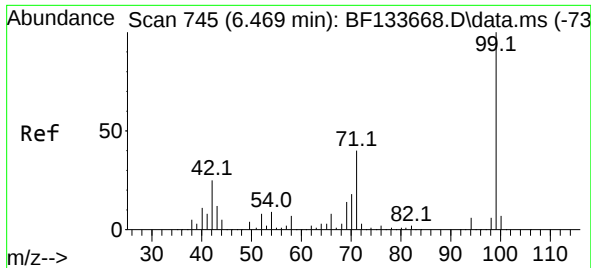
Supervised By :mohammad ahmed 06/13/2023



#6
Aniline
Concen: 38.354 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Tgt Ion: 93 Resp: 351039
Ion Ratio Lower Upper
93 100
66 42.6 34.4 51.6
65 21.5 17.5 26.3





#7

Phenol-d6

Concen: 75.948 ng

RT: 6.469 min Scan# 745

Delta R.T. 0.000 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

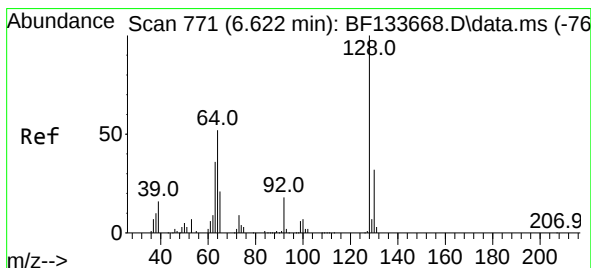
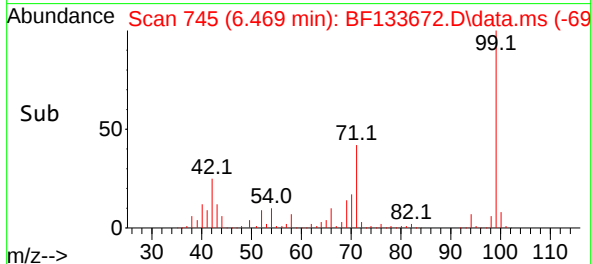
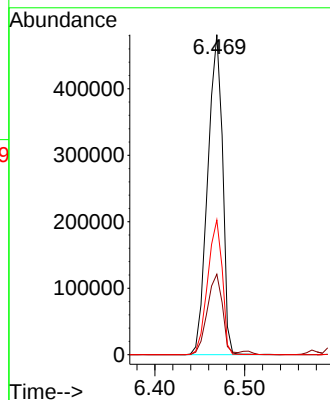
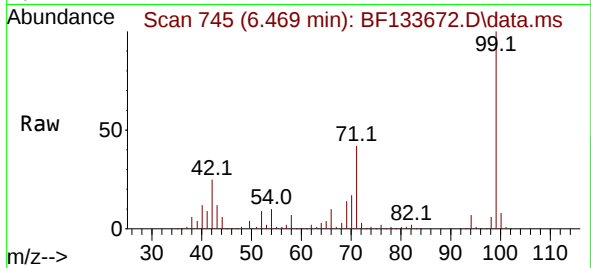
ICVBF060923

Tgt Ion: 99 Resp: 551898
 Ion Ratio Lower Upper
 99 100
 42 25.1 19.9 29.9
 71 42.1 32.2 48.4

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 Supervised By :mohammad ahmed 06/13/2023



#8

2-Chlorophenol

Concen: 38.746 ng

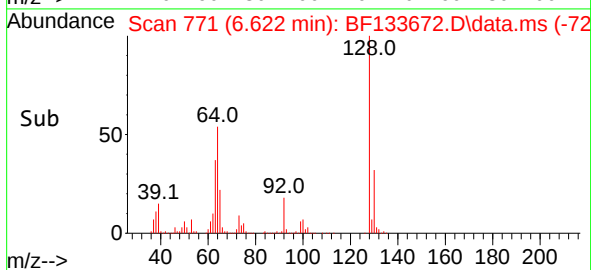
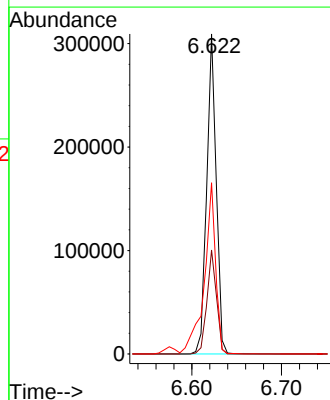
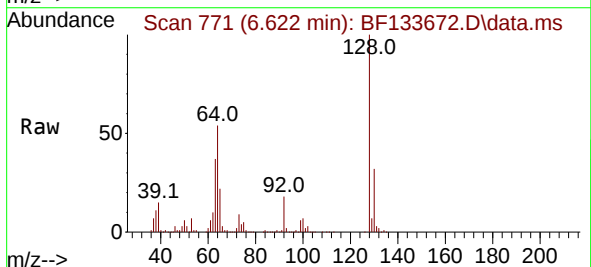
RT: 6.622 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Tgt Ion:128 Resp: 227951
 Ion Ratio Lower Upper
 128 100
 130 32.5 12.3 52.3
 64 53.5 33.1 73.1





#9

Benzaldehyde

Concen: 35.273 ng

RT: 6.387 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

Tgt Ion: 77 Resp: 170050

Ion Ratio Lower Upper

77 100

105 97.6 82.0 122.0

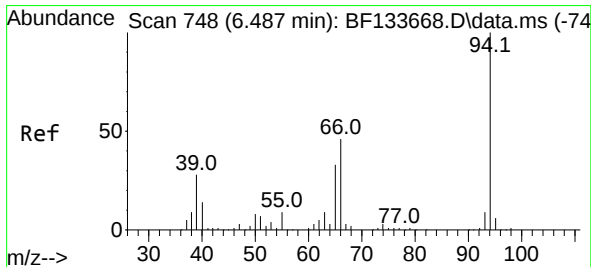
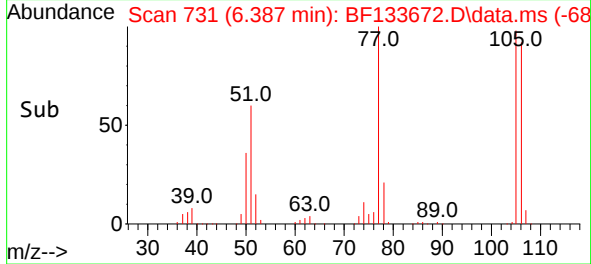
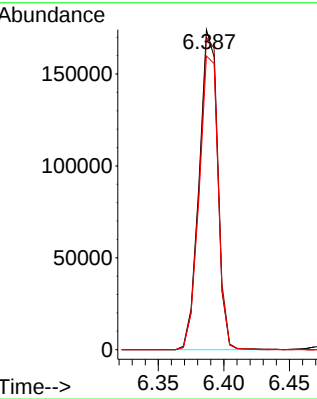
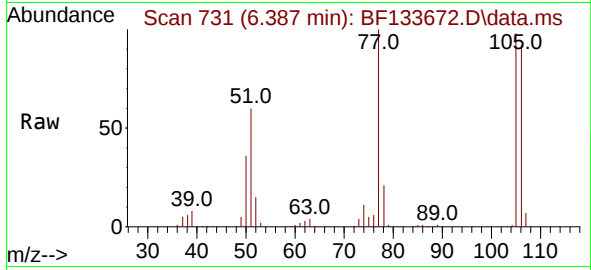
106 91.8 77.6 117.6

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2023



#10

Phenol

Concen: 38.439 ng

RT: 6.481 min Scan# 747

Delta R.T. -0.006 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

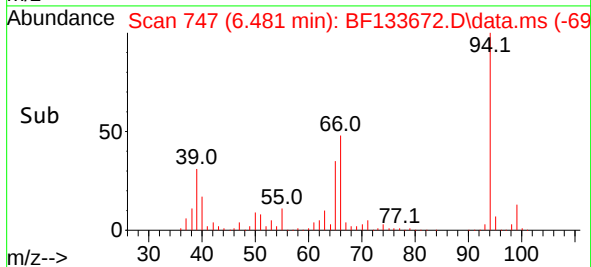
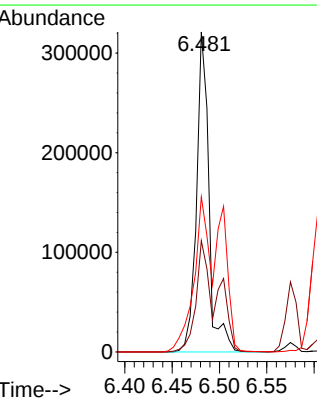
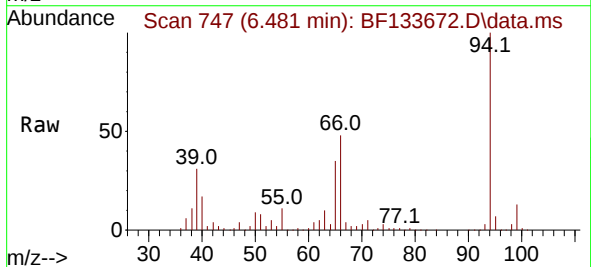
Tgt Ion: 94 Resp: 291671

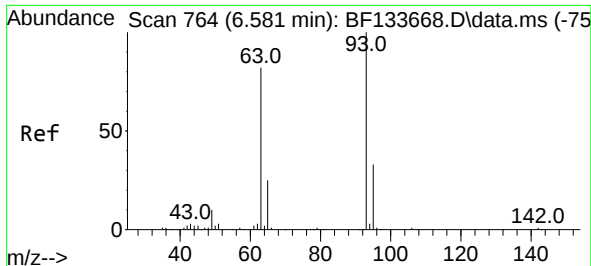
Ion Ratio Lower Upper

94 100

65 34.8 13.2 53.2

66 48.5 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 38.198 ng
RT: 6.575 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

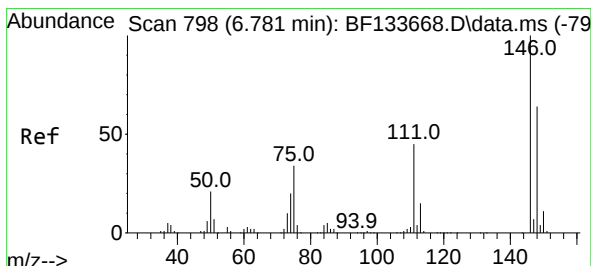
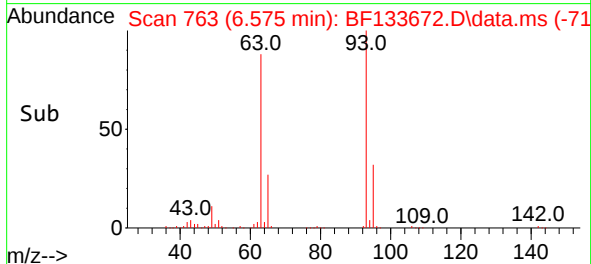
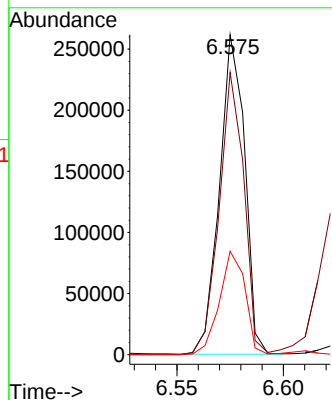
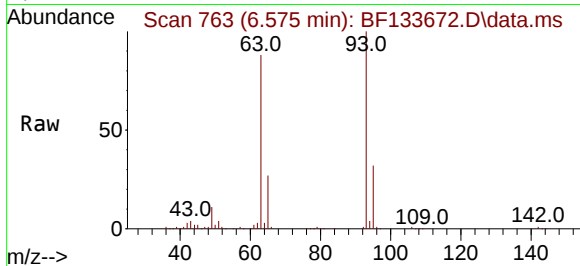
ClientSampleId :

ICVBF060923

Tgt Ion: 93 Resp: 215170
Ion Ratio Lower Upper
93 100
63 88.2 62.1 102.1
95 32.3 13.0 53.0

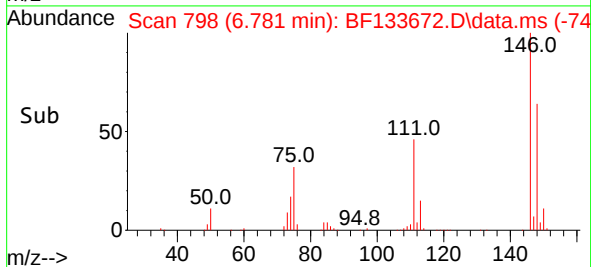
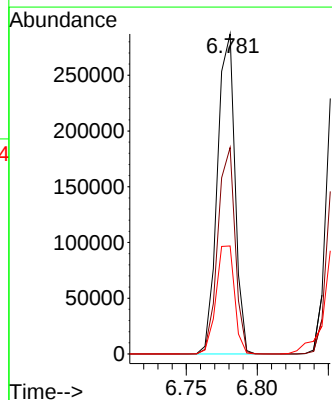
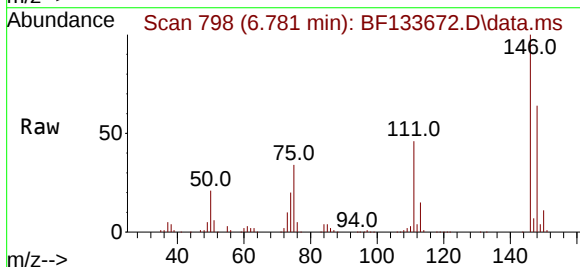
Manual Integrations
APPROVED

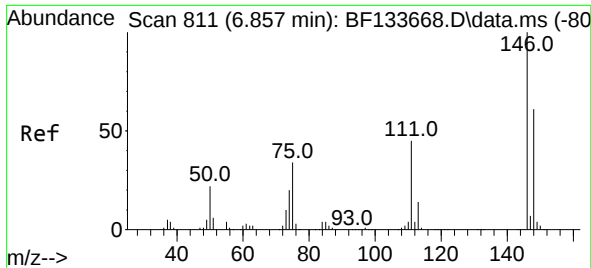
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#12
1,3-Dichlorobenzene
Concen: 39.243 ng
RT: 6.781 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Tgt Ion:146 Resp: 246681
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
75 33.8 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 39.293 ng

RT: 6.857 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

Tgt Ion:146 Resp: 24964

Ion Ratio Lower Upper

146 100

148 63.4 48.9 73.3

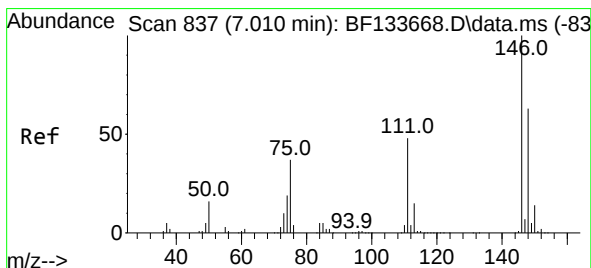
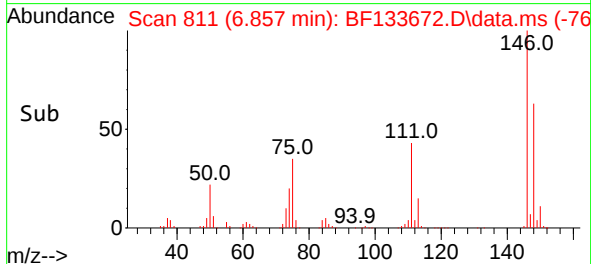
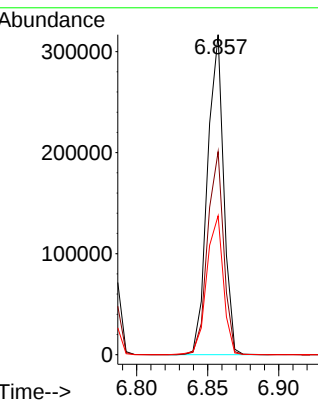
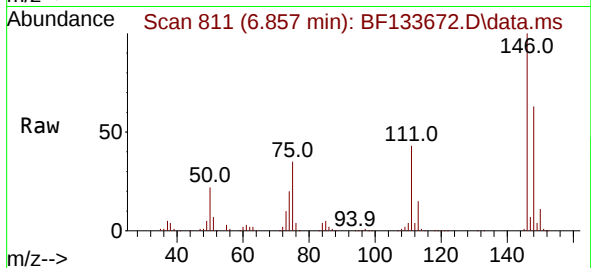
111 43.4 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#14

1,2-Dichlorobenzene

Concen: 40.166 ng

RT: 7.010 min Scan# 837

Delta R.T. 0.000 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

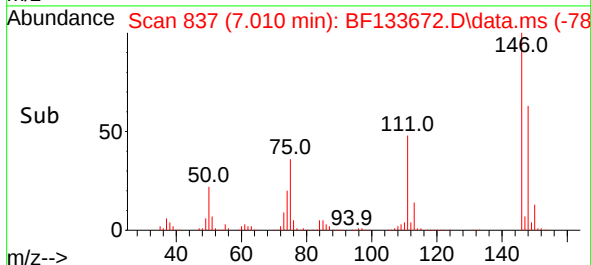
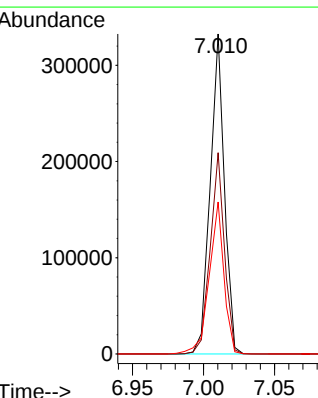
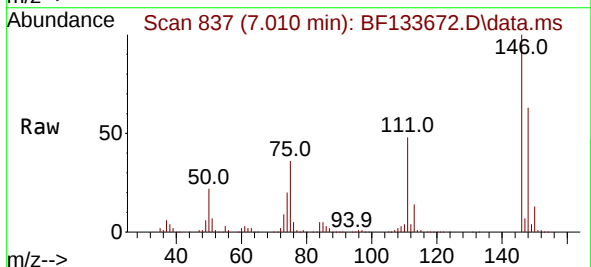
Tgt Ion:146 Resp: 230583

Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

111 47.5 38.7 58.1





#15
Benzyl Alcohol
Concen: 39.496 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

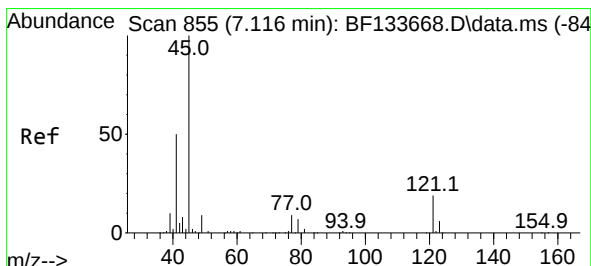
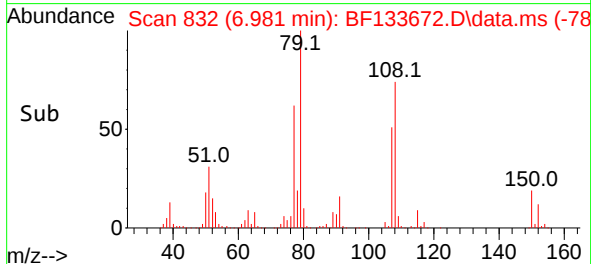
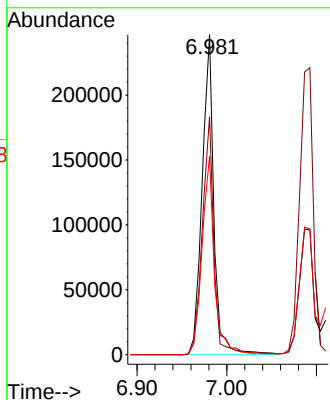
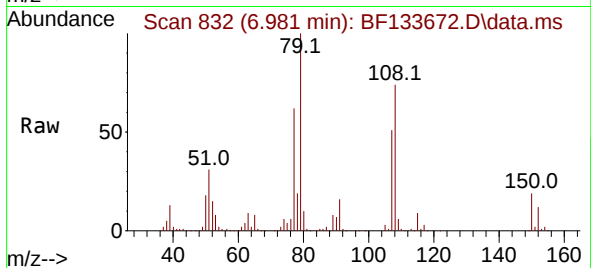
ClientSampleId :

ICVBF060923

Tgt Ion: 79 Resp: 22416
Ion Ratio Lower Upper
79 100
108 74.4 57.9 86.9
77 62.0 50.4 75.6

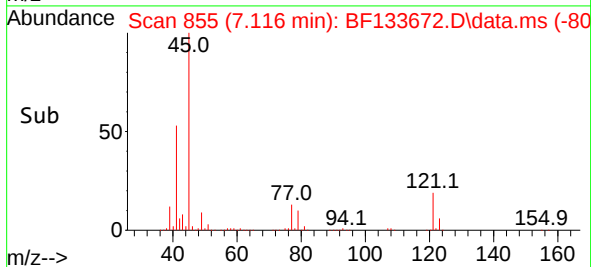
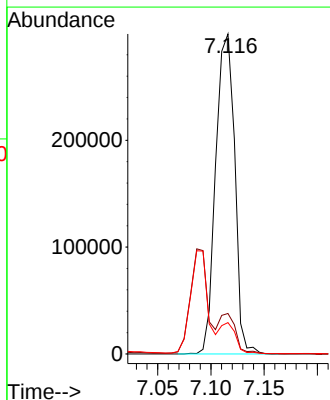
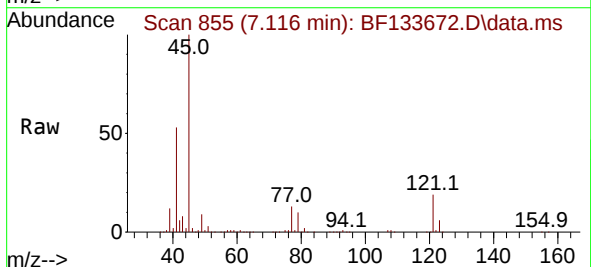
Manual Integrations
APPROVED

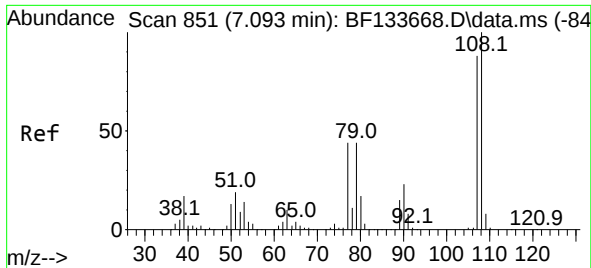
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.783 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Tgt Ion: 45 Resp: 370341
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.3
79 9.8 0.0 29.4





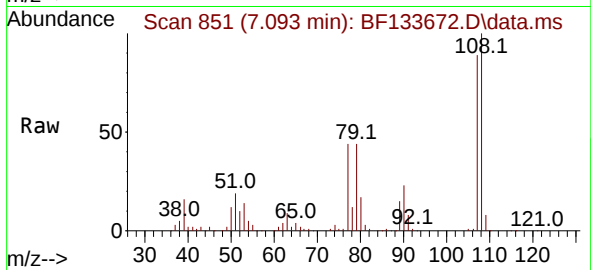
#17
2-Methylphenol
Concen: 39.390 ng
RT: 7.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

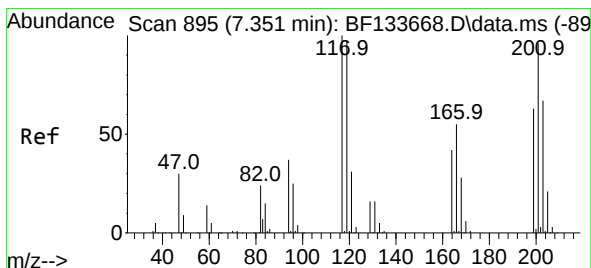
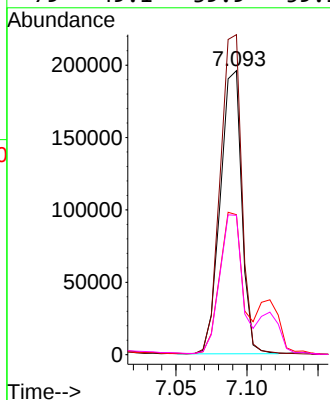
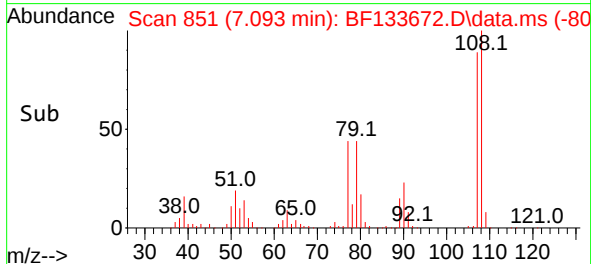


Tgt Ion:107 Resp: 20540
Ion Ratio Lower Upper
107 100
108 112.7 90.9 136.3
77 49.3 39.8 59.6
79 49.1 39.9 59.9

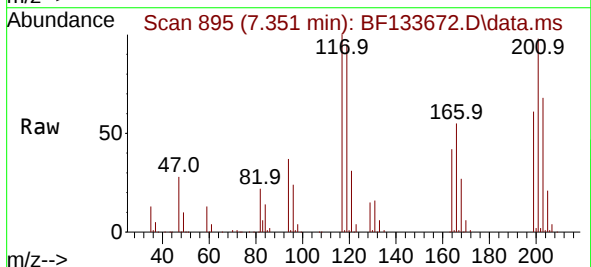
Manual Integrations

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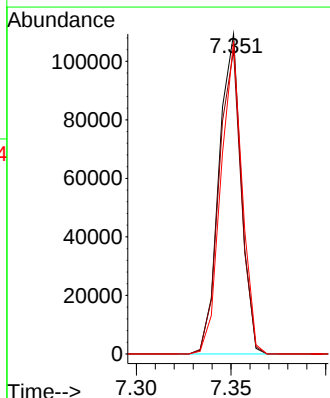
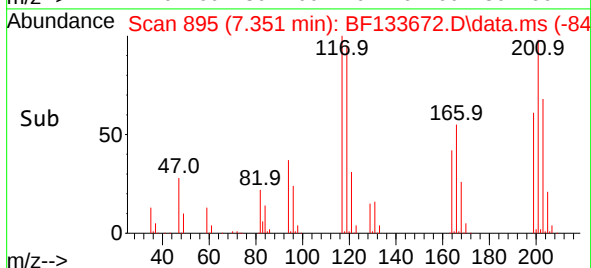
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#18
Hexachloroethane
Concen: 40.840 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



Tgt Ion:117 Resp: 88829
Ion Ratio Lower Upper
117 100
119 94.8 77.3 115.9
201 97.8 76.8 115.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.479 ng

RT: 7.257 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133672.D

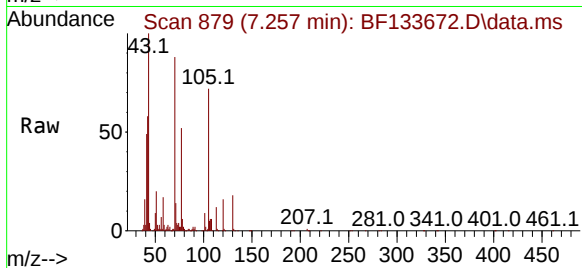
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923



Tgt Ion: 70 Resp: 177908

Ion Ratio Lower Upper

70 100

42 66.1 55.8 83.8

101 10.5 8.1 12.1

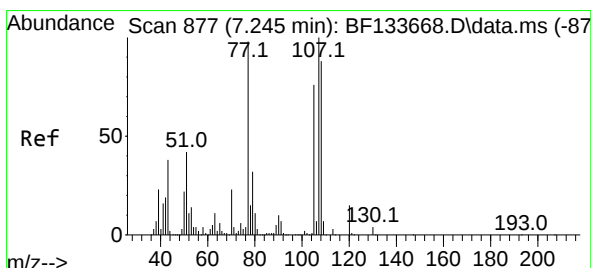
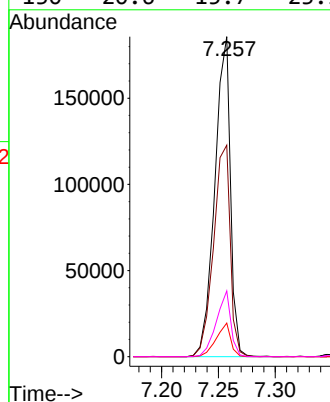
130 20.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#20

3+4-Methylphenols

Concen: 37.454 ng

RT: 7.245 min Scan# 877

Delta R.T. 0.000 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Tgt Ion:107 Resp: 254073

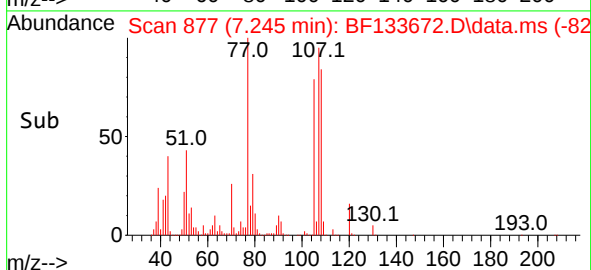
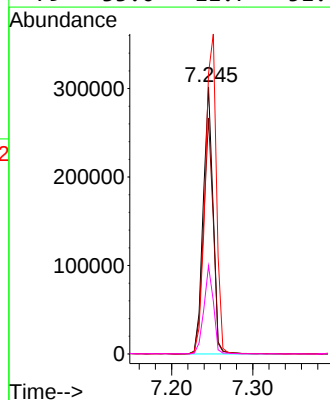
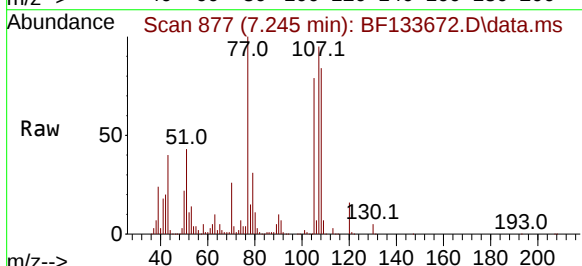
Ion Ratio Lower Upper

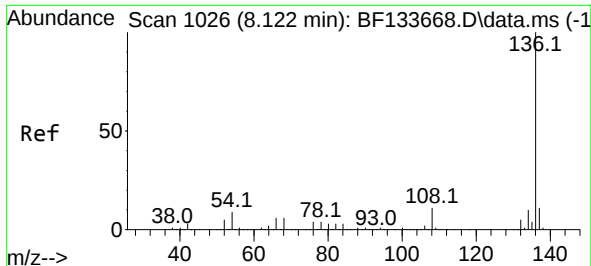
107 100

108 88.3 67.9 107.9

77 105.0 77.7 117.7

79 33.0 11.7 51.7





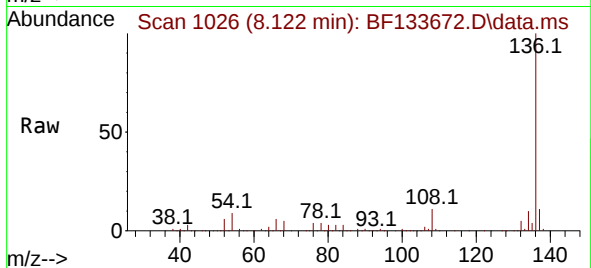
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

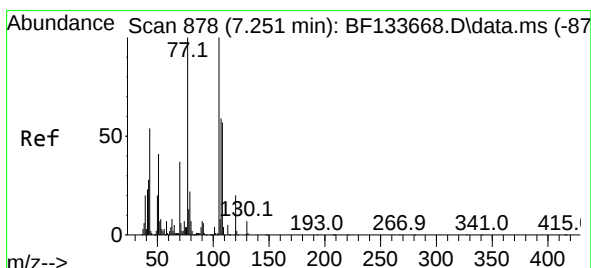
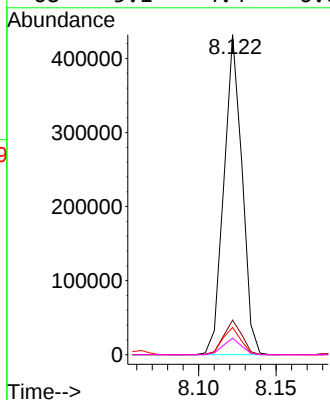
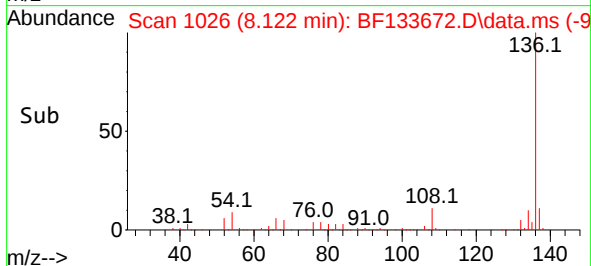


Tgt Ion:136 Resp: 351339
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.5 7.4 11.0
68 5.1 4.4 6.6

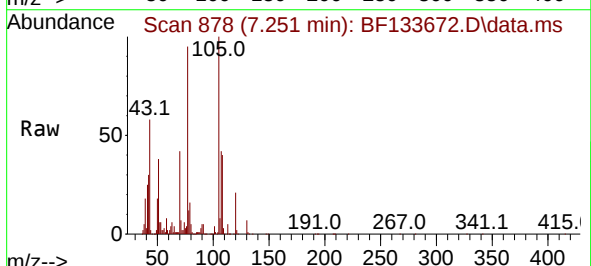
Manual Integrations

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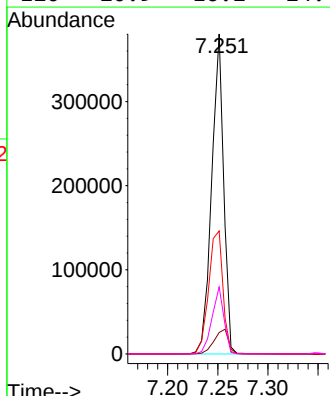
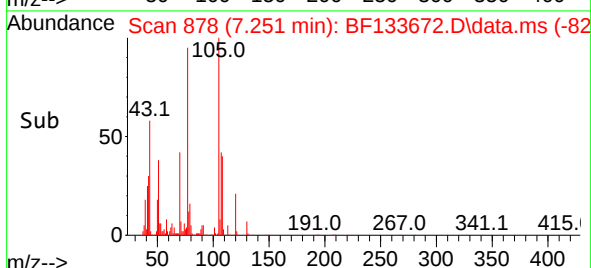
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

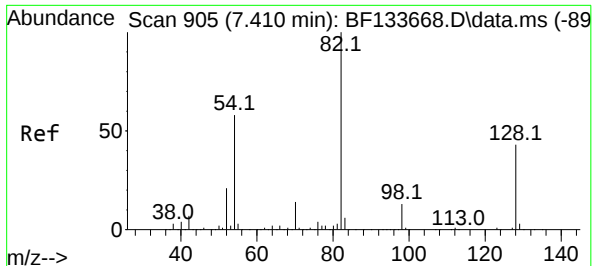


#22
Acetophenone
Concen: 39.440 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



Tgt Ion:105 Resp: 317812
Ion Ratio Lower Upper
105 100
71 6.7 4.8 7.2
51 38.4 33.0 49.4
120 20.9 16.2 24.4





#23

Nitrobenzene-d5

Concen: 82.339 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

Tgt Ion: 82 Resp: 531129

Ion Ratio Lower Upper

82 100

128 40.2 34.2 51.2

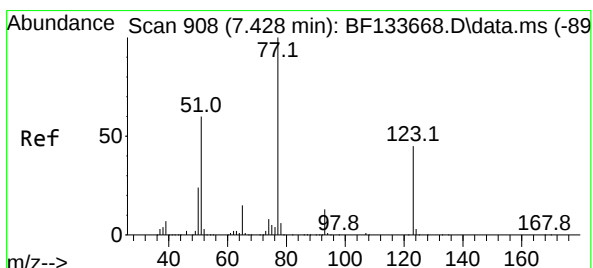
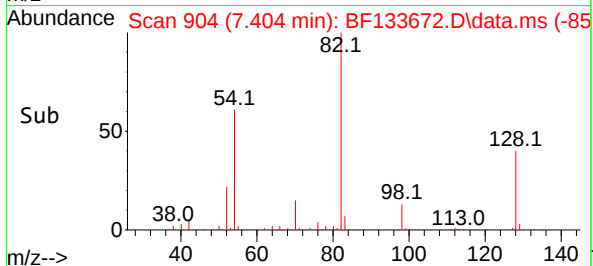
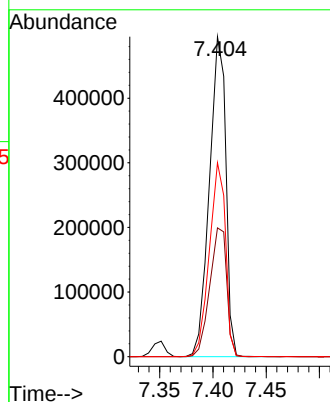
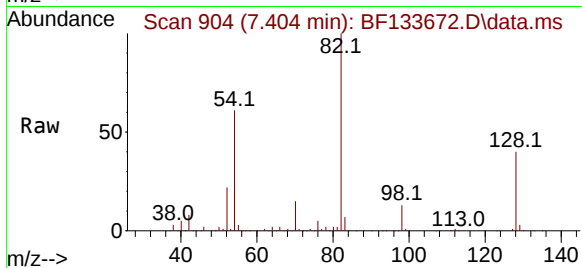
54 60.6 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#24

Nitrobenzene

Concen: 41.365 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

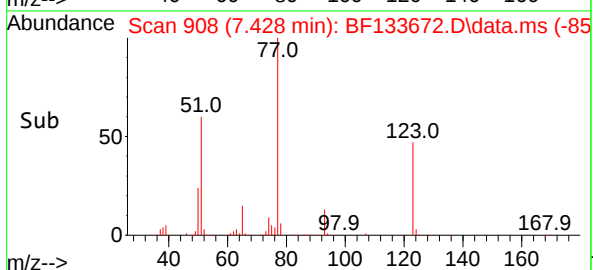
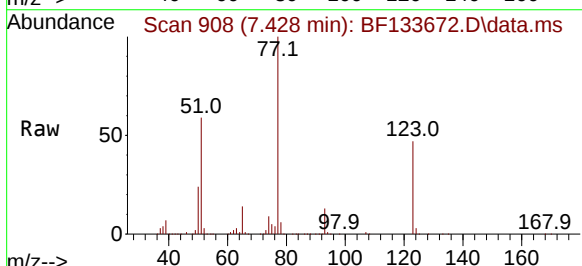
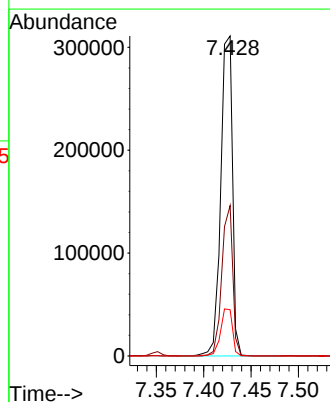
Tgt Ion: 77 Resp: 268674

Ion Ratio Lower Upper

77 100

123 47.0 35.8 53.8

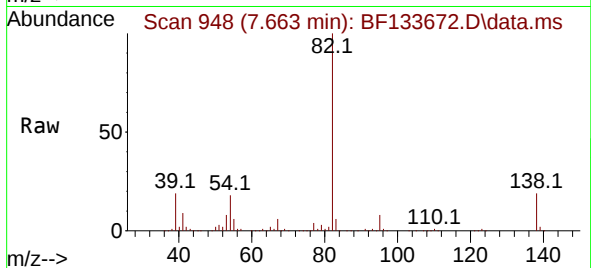
65 14.5 11.6 17.4





#25
Isophorone
Concen: 39.430 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

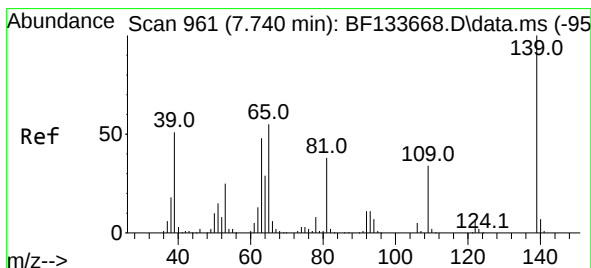
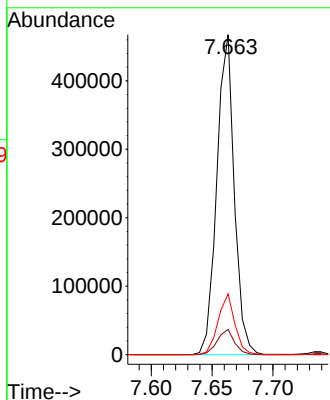
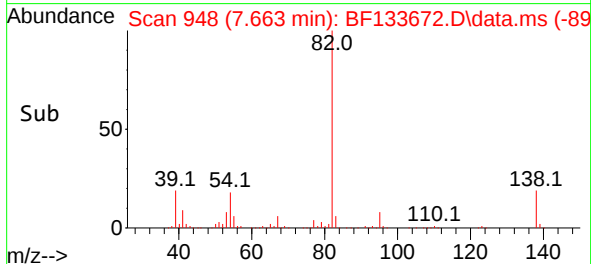
Instrument :
BNA_F
Client Sample Id :
ICVBF060923



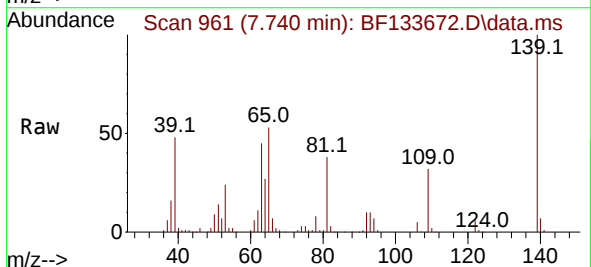
Tgt Ion: 82 Resp: 466945
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 19.0 14.2 21.2

Manual Integrations
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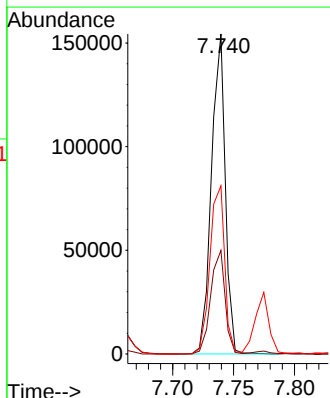
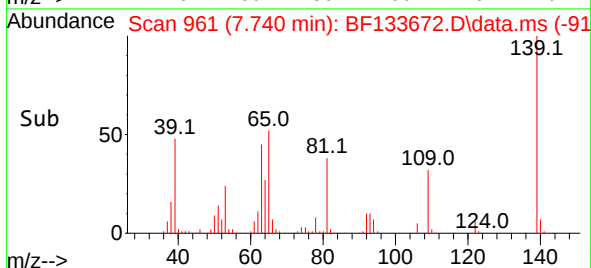
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

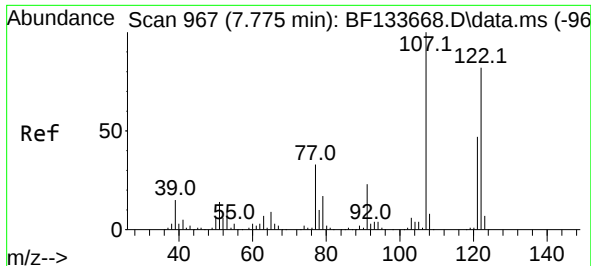


#26
2-Nitrophenol
Concen: 41.706 ng
RT: 7.740 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



Tgt Ion:139 Resp: 121573
Ion Ratio Lower Upper
139 100
109 32.3 27.0 40.6
65 52.5 44.2 66.4





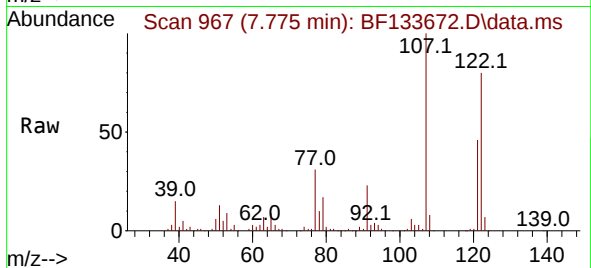
#27
2,4-Dimethylphenol
Concen: 39.750 ng
RT: 7.775 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923



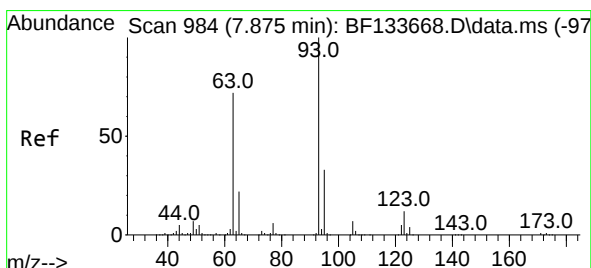
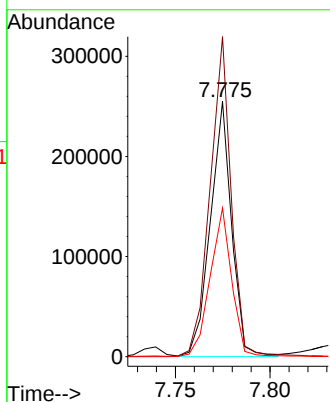
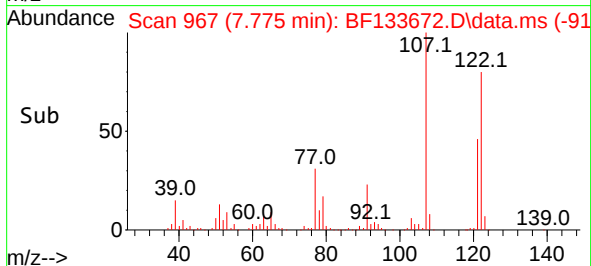
Tgt Ion:122 Resp: 199715
Ion Ratio Lower Upper
122 100
107 125.4 97.8 146.6
121 58.3 46.1 69.1

Manual Integrations

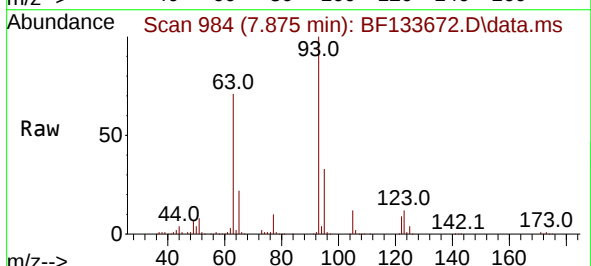
APPROVED

Reviewed By :Yogesh Patel 06/13/2023

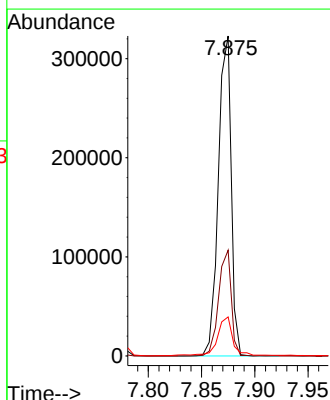
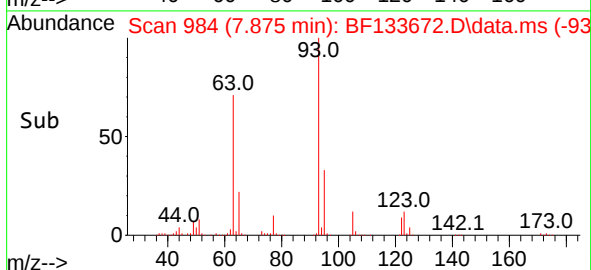
Supervised By :mohammad ahmed 06/13/2023

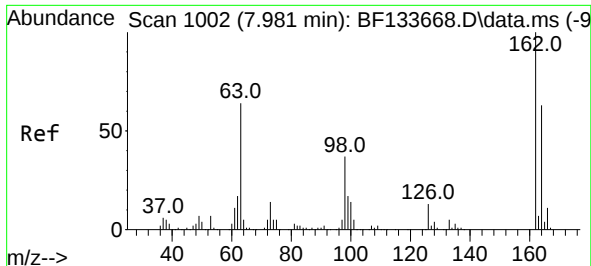


#28
bis(2-Chloroethoxy)methane
Concen: 39.417 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



Tgt Ion: 93 Resp: 269789
Ion Ratio Lower Upper
93 100
95 33.0 26.4 39.6
123 12.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 38.968 ng

RT: 7.981 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF133672.D

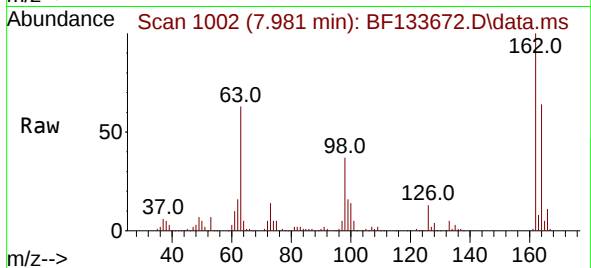
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923



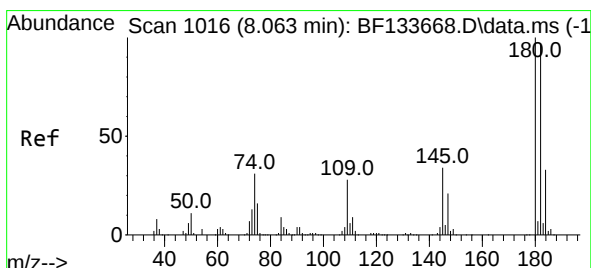
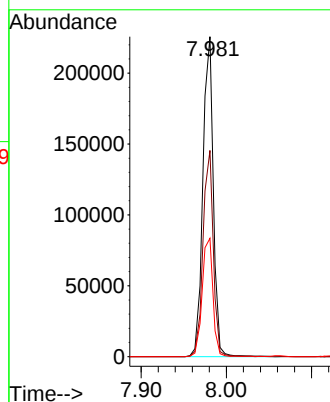
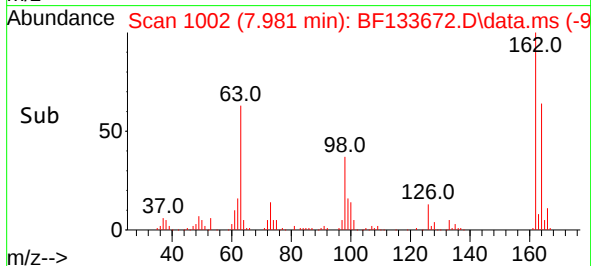
Tgt Ion:	162	Resp:	191880
Ion Ratio	Lower	Upper	
162	100		
164	64.5	43.4	83.4
98	37.0	17.4	57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.684 ng

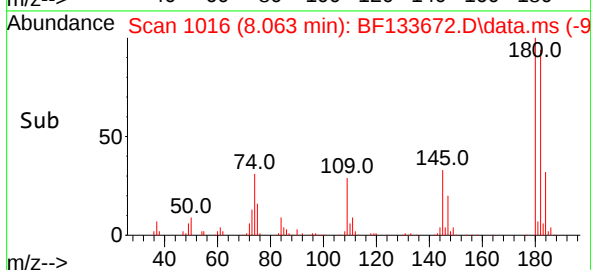
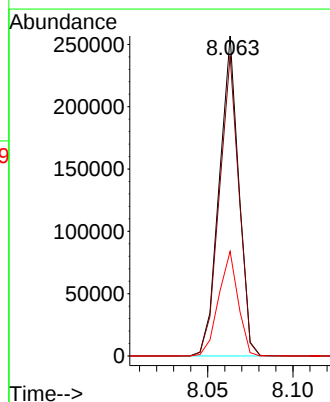
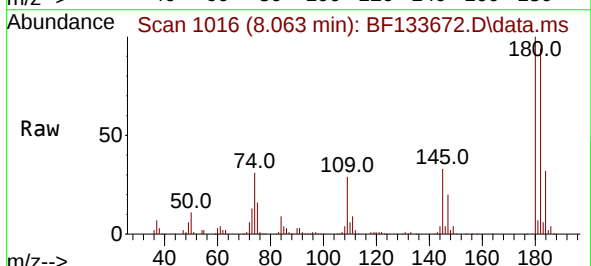
RT: 8.063 min Scan# 1016

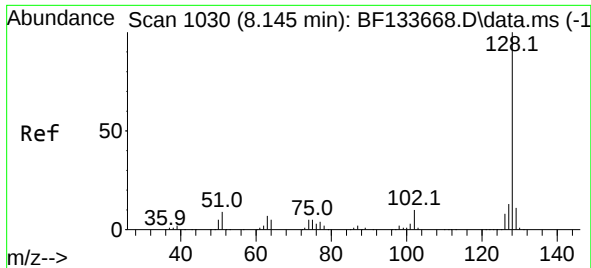
Delta R.T. 0.000 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

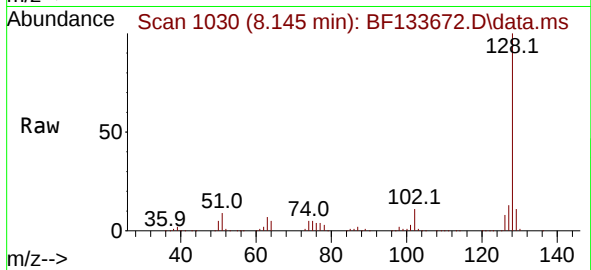
Tgt Ion:	180	Resp:	203882
Ion Ratio	Lower	Upper	
180	100		
182	93.9	77.8	116.8
145	32.7	27.0	40.4





#31
Naphthalene
Concen: 38.744 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

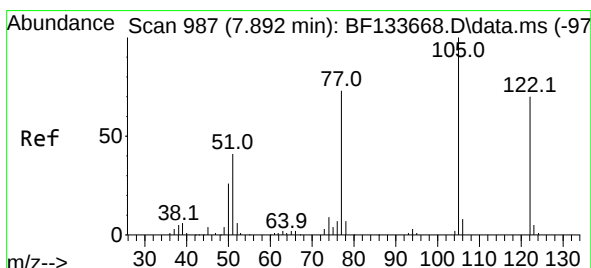
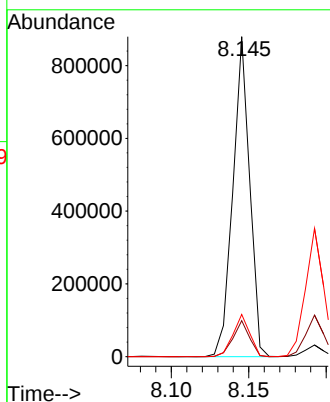
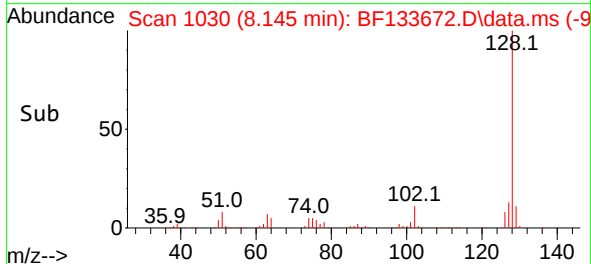
Instrument :
BNA_F
ClientSampleId :
ICVBF060923



Tgt Ion:128 Resp: 66319
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.5 15.7

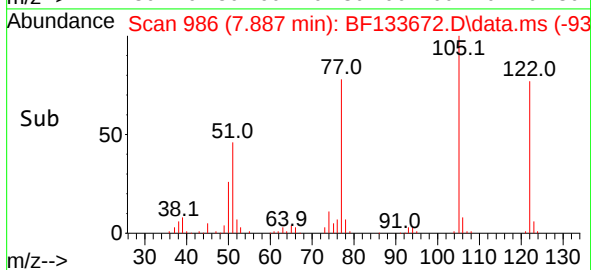
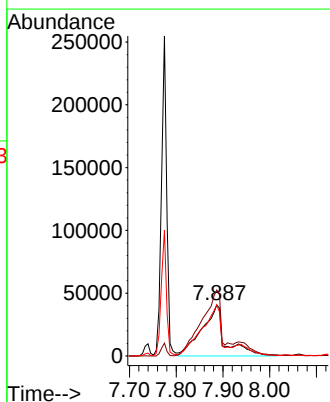
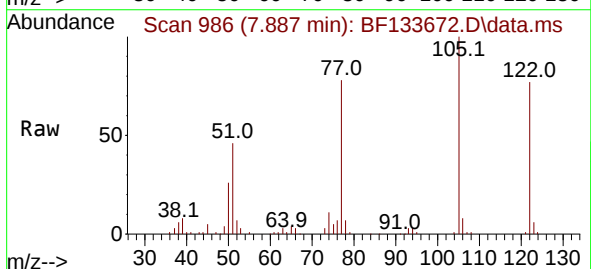
Manual Integrations
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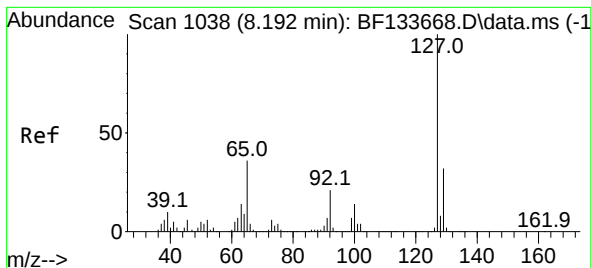
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#32
Benzoic acid
Concen: 44.554 ng m
RT: 7.887 min Scan# 986
Delta R.T. -0.005 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Tgt Ion:122 Resp: 141181
Ion Ratio Lower Upper
122 100
105 129.7 116.3 156.3
77 100.8 82.4 122.4





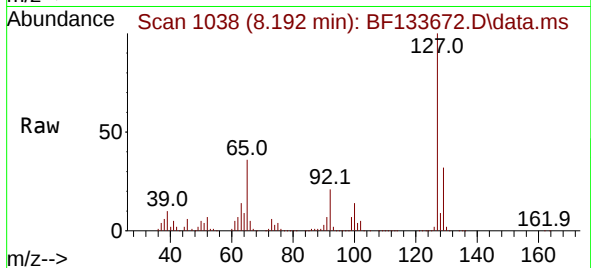
#33
4-Chloroaniline
Concen: 38.692 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

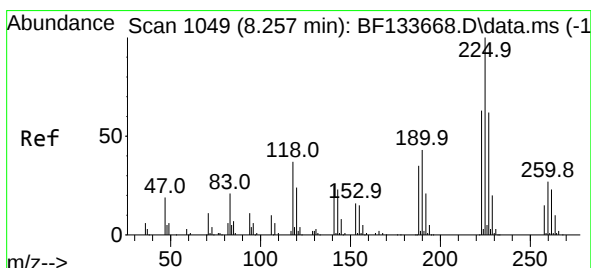
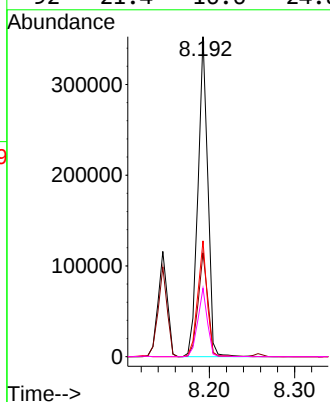
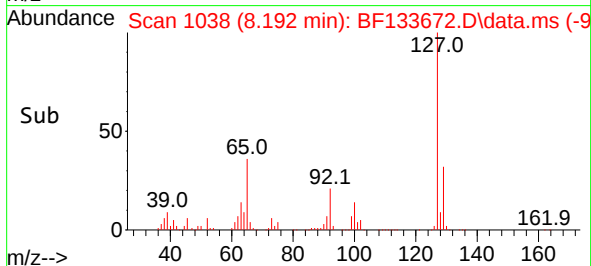


Tgt Ion:127 Resp: 28318
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4
65 36.2 28.9 43.3
92 21.4 16.6 24.8

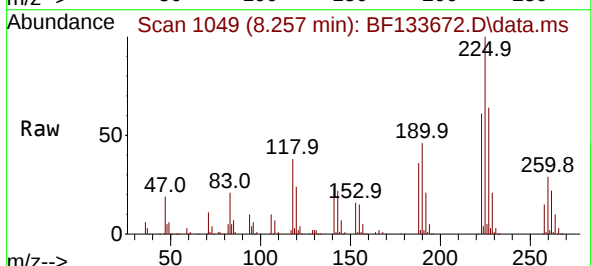
Manual Integrations

APPROVED

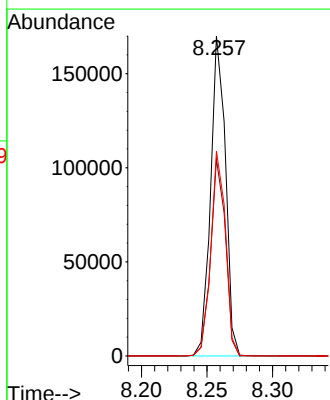
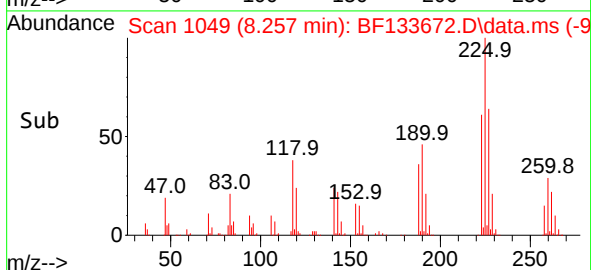
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#34
Hexachlorobutadiene
Concen: 39.874 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



Tgt Ion:225 Resp: 134124
Ion Ratio Lower Upper
225 100
223 61.4 50.2 75.4
227 64.0 49.5 74.3





#35
 Caprolactam
 Concen: 37.451 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: BF133672.D
 Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

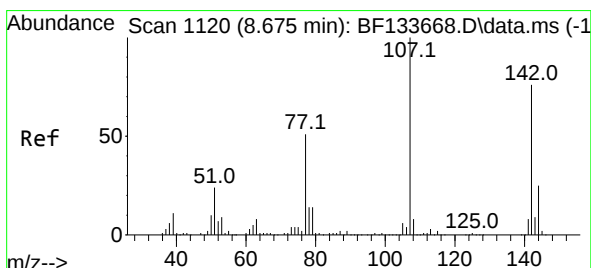
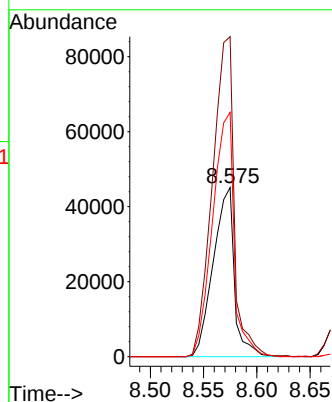
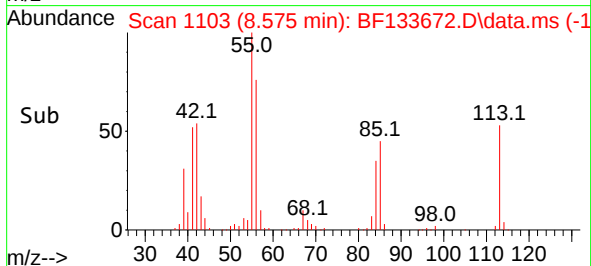
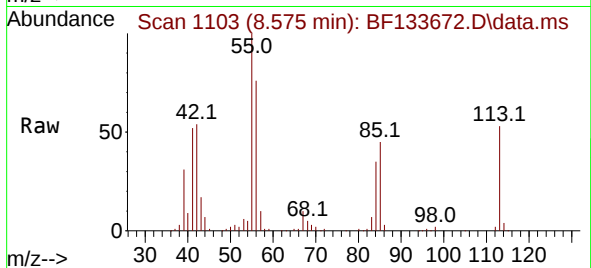
ClientSampleId :

ICVBF060923

Tgt Ion:113 Resp: 6205
 Ion Ratio Lower Upper
 113 100
 55 189.3 173.3 213.3
 56 144.5 120.5 160.5

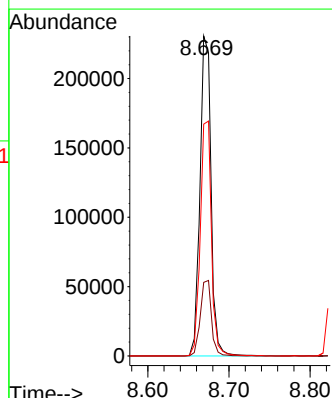
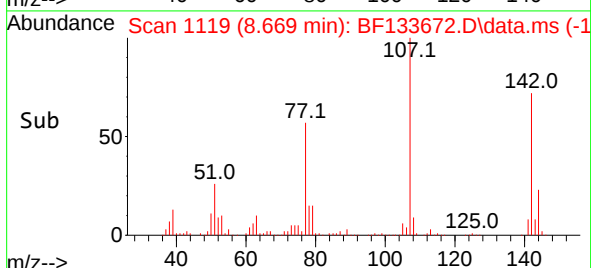
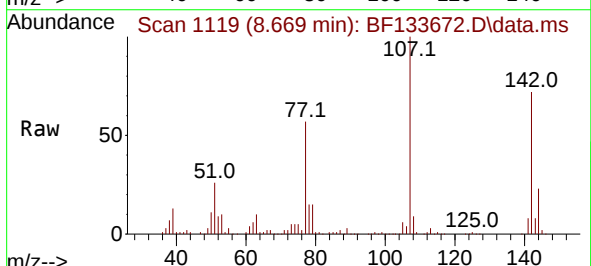
Manual Integrations
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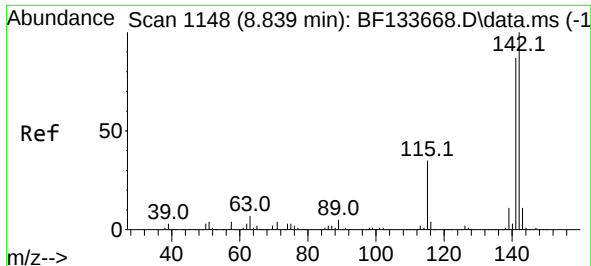
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023



#36
 4-Chloro-3-methylphenol
 Concen: 38.697 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. -0.006 min
 Lab File: BF133672.D
 Acq: 09 Jun 2023 13:05

Tgt Ion:107 Resp: 219645
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.7 29.5
 142 72.4 61.1 91.7





#37

2-Methylnaphthalene

Concen: 39.198 ng

RT: 8.834 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

Tgt Ion:142 Resp: 466188

Ion Ratio Lower Upper

142 100

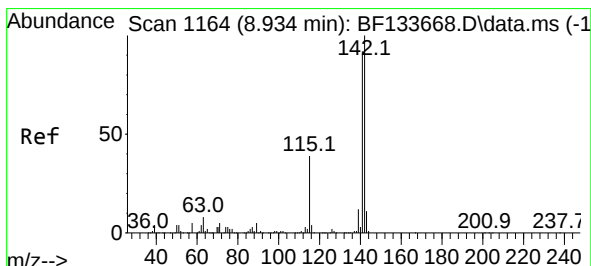
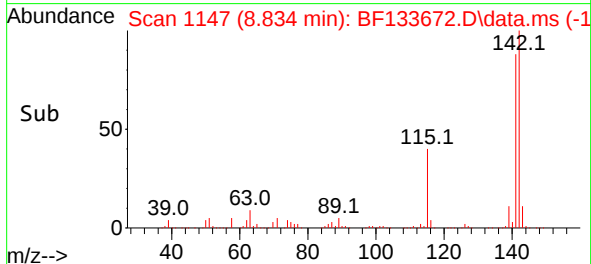
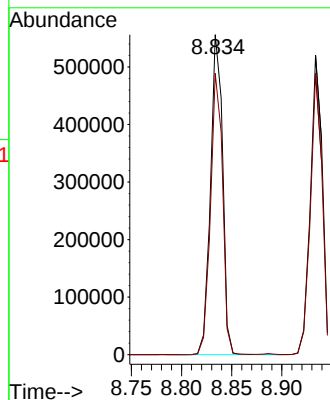
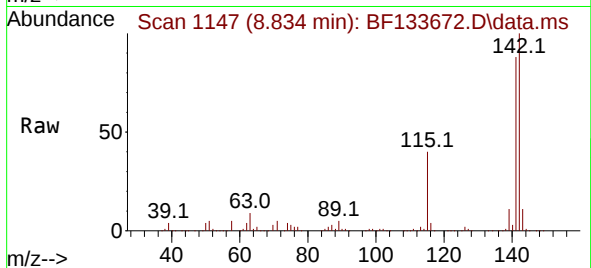
141 87.9 69.8 104.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#38

1-Methylnaphthalene

Concen: 39.106 ng

RT: 8.934 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF133672.D

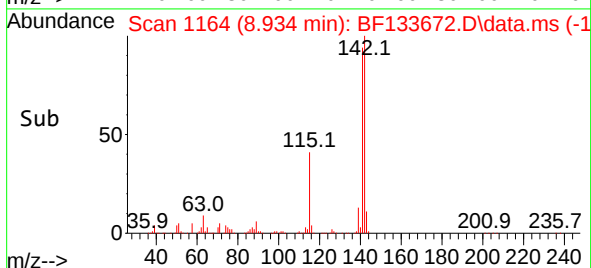
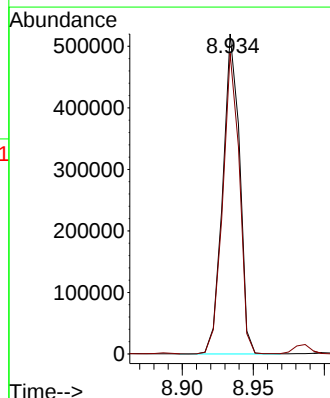
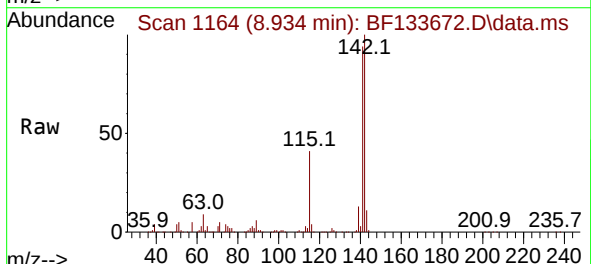
Acq: 09 Jun 2023 13:05

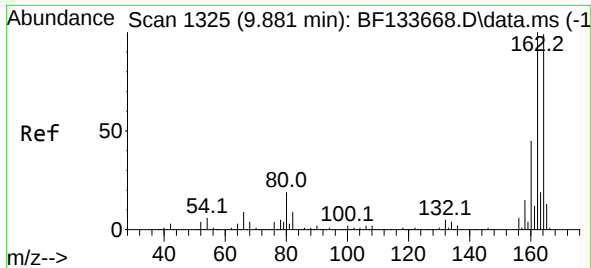
Tgt Ion:142 Resp: 427985

Ion Ratio Lower Upper

142 100

141 94.0 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF133672.D

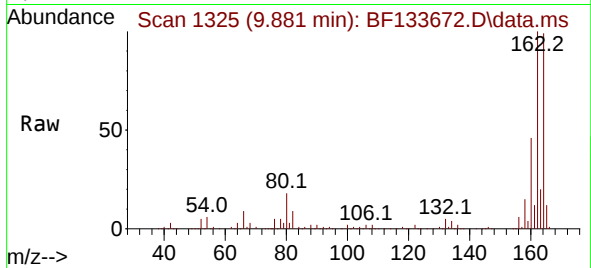
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923



Tgt Ion:164 Resp: 16994

Ion Ratio Lower Upper

164 100

162 101.2 80.8 121.2

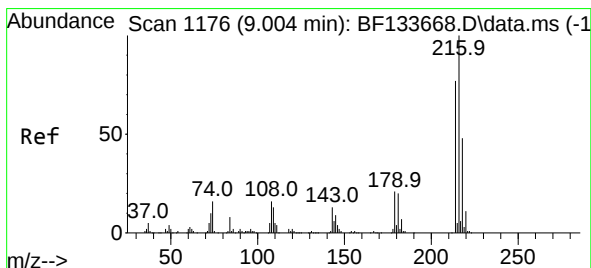
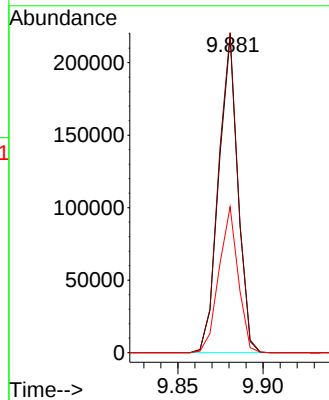
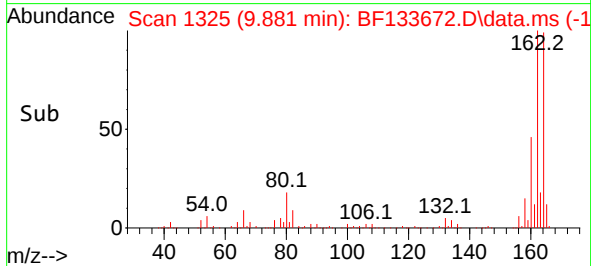
160 46.1 36.7 55.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.980 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Tgt Ion:216 Resp: 206551

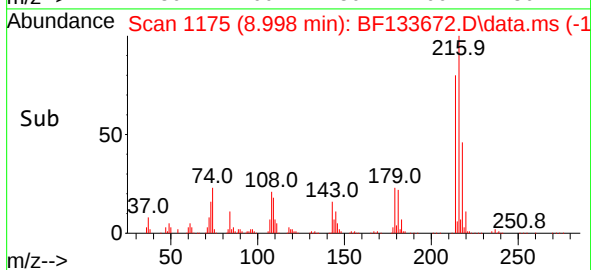
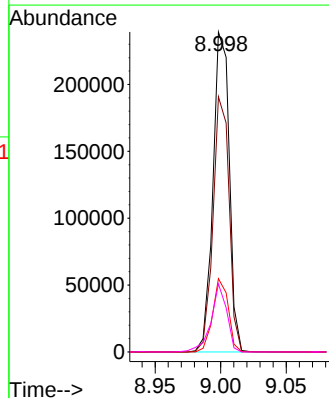
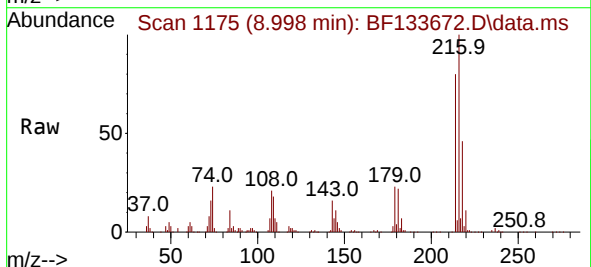
Ion Ratio Lower Upper

216 100

214 78.7 62.7 94.1

179 21.8 17.6 26.4

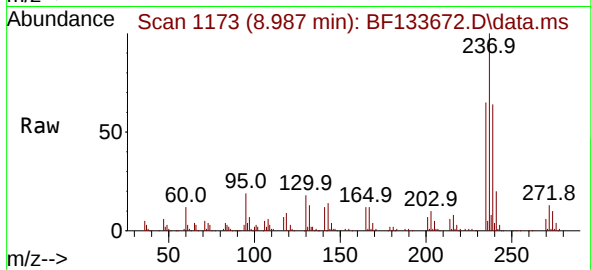
108 20.5 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 42.637 ng
RT: 8.987 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

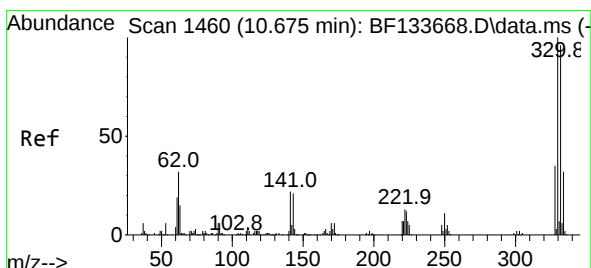
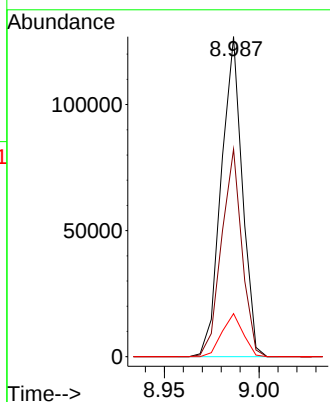
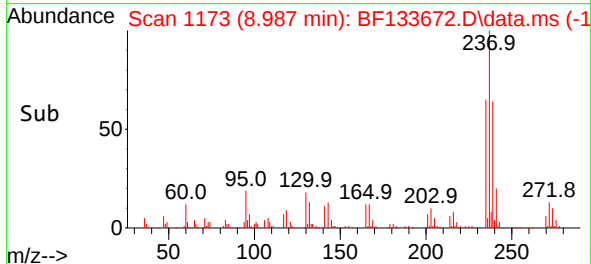
Instrument :
BNA_F
ClientSampleId :
ICVBF060923



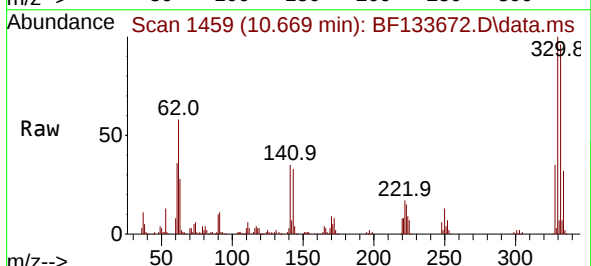
Tgt Ion:237 Resp: 98164
Ion Ratio Lower Upper
237 100
235 64.9 40.6 80.6
272 13.5 0.0 32.6

Manual Integrations
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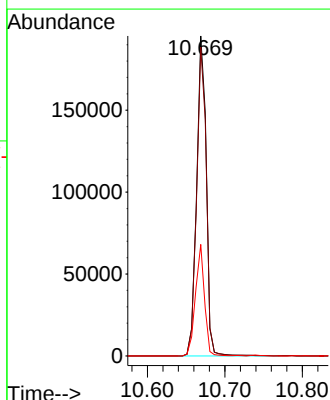
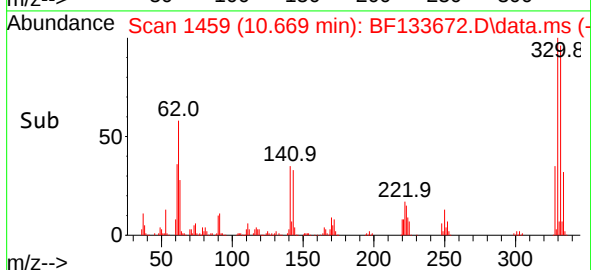
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

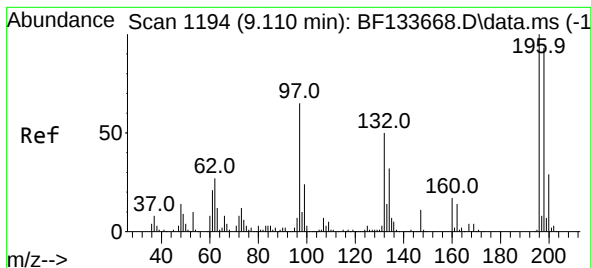


#42
2,4,6-Tribromophenol
Concen: 78.179 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



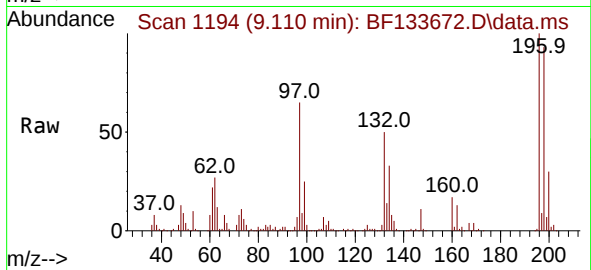
Tgt Ion:330 Resp: 168174
Ion Ratio Lower Upper
330 100
332 97.2 77.2 115.8
141 32.8 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 39.775 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

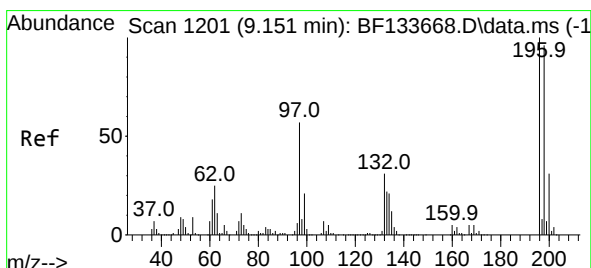
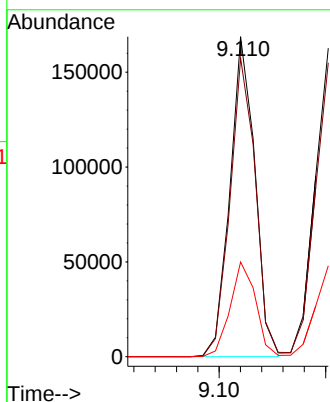
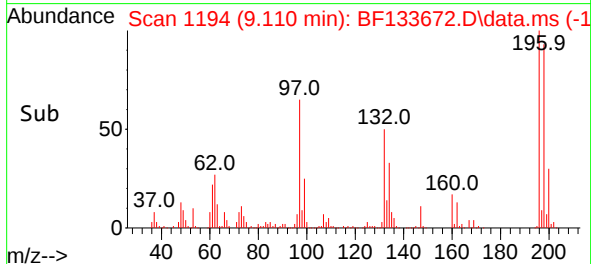
Instrument :
BNA_F
ClientSampleId :
ICVBF060923



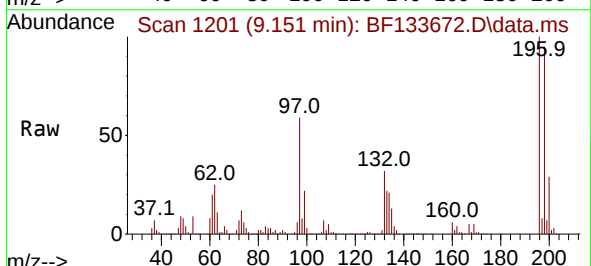
Tgt Ion:196 Resp: 13731
Ion Ratio Lower Upper
196 100
198 93.4 74.5 111.7
200 29.6 22.9 34.3

Manual Integrations
APPROVED

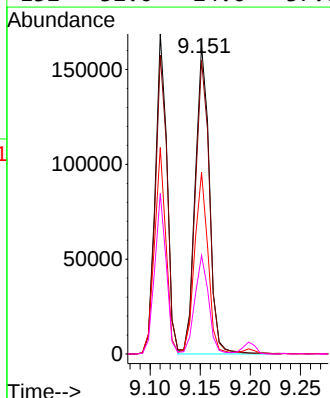
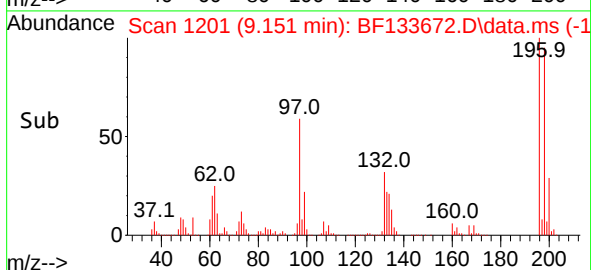
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

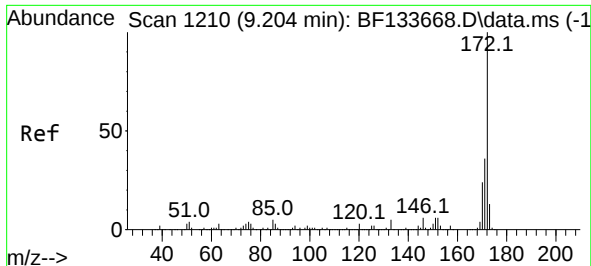


#44
2,4,5-Trichlorophenol
Concen: 39.675 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



Tgt Ion:196 Resp: 159350
Ion Ratio Lower Upper
196 100
198 95.3 76.8 115.2
97 58.9 45.4 68.2
132 32.0 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 79.948 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

Tgt Ion:172 Resp: 955760

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

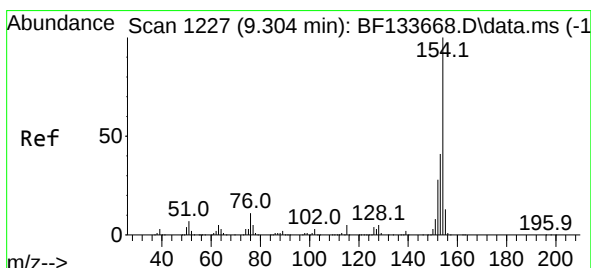
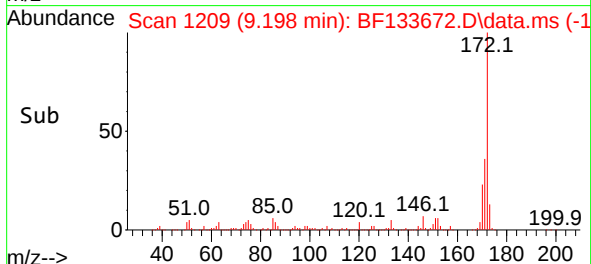
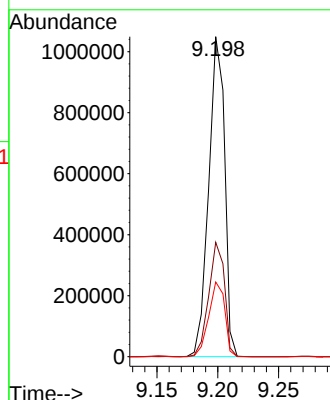
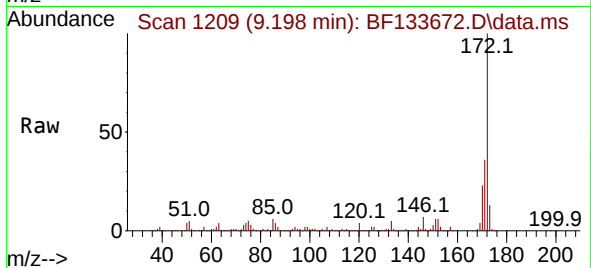
170 23.3 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#46

1,1'-Biphenyl

Concen: 40.025 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

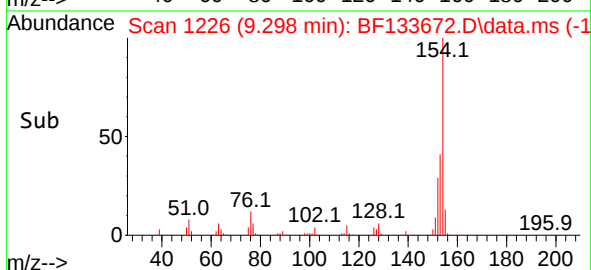
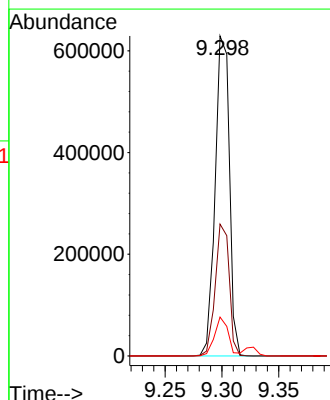
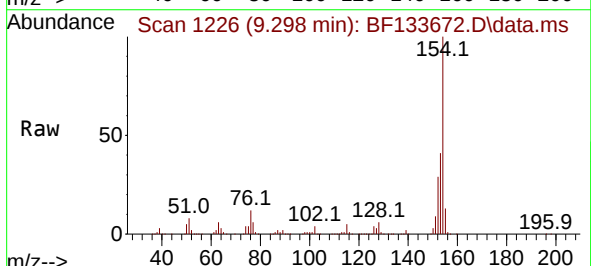
Tgt Ion:154 Resp: 548577

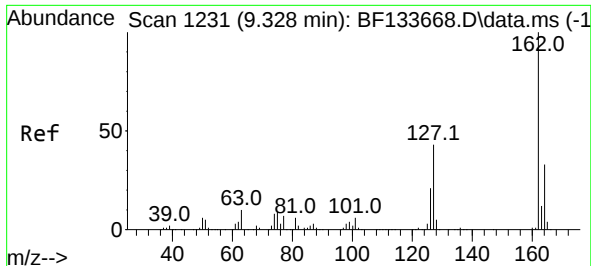
Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

76 12.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 40.408 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF133672.D

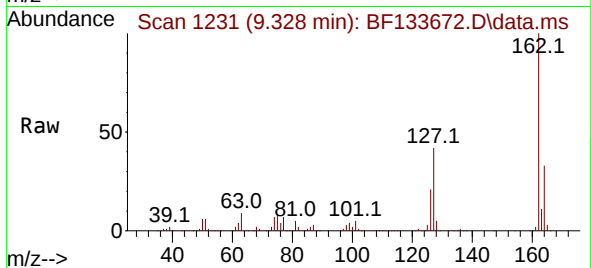
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923



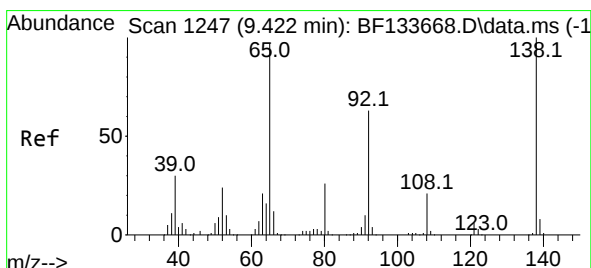
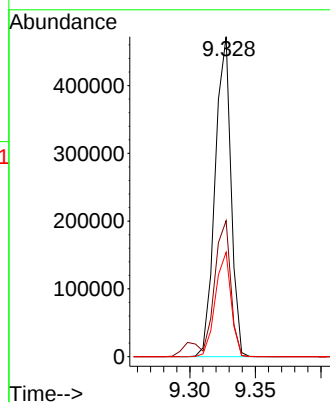
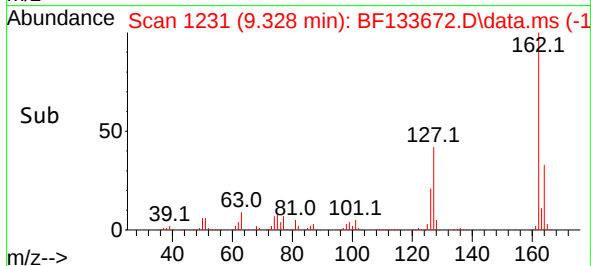
Tgt Ion:	162	Resp:	397272
Ion Ratio	Lower	Upper	
162	100		
127	42.5	34.6	52.0
164	32.6	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#48

2-Nitroaniline

Concen: 40.831 ng

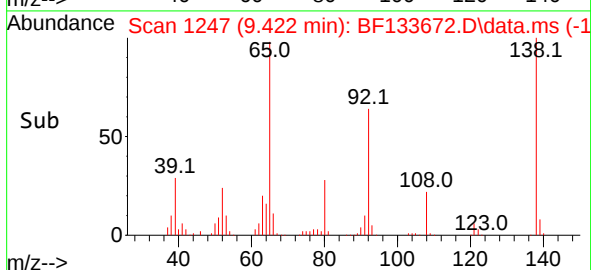
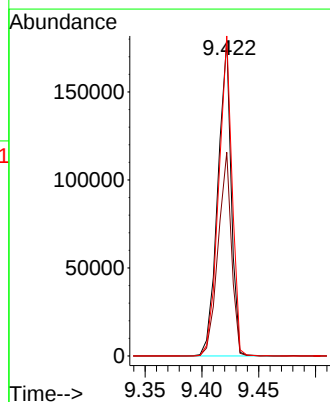
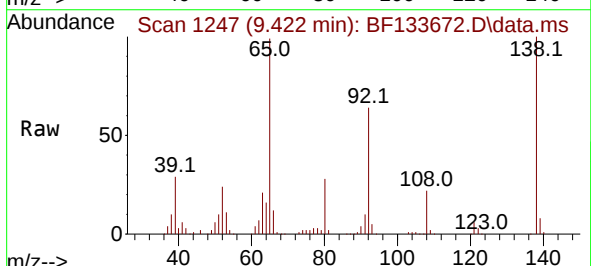
RT: 9.422 min Scan# 1247

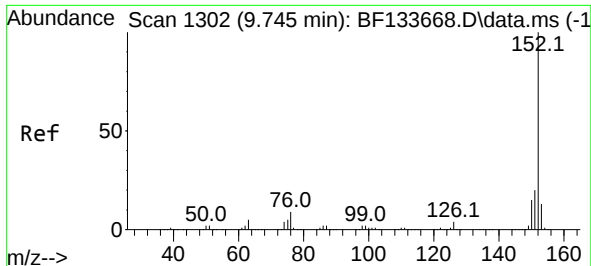
Delta R.T. 0.000 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Tgt Ion:	65	Resp:	146815
Ion Ratio	Lower	Upper	
65	100		
92	64.5	51.8	77.6
138	101.4	82.1	123.1





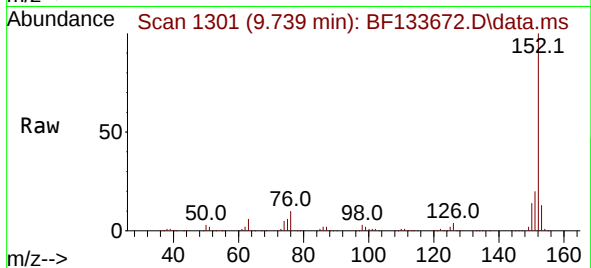
#49
Acenaphthylene
Concen: 38.928 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923



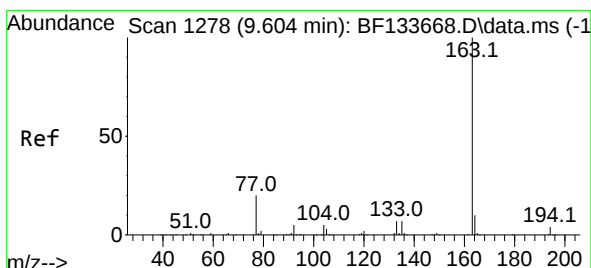
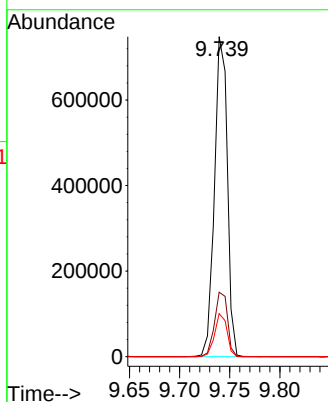
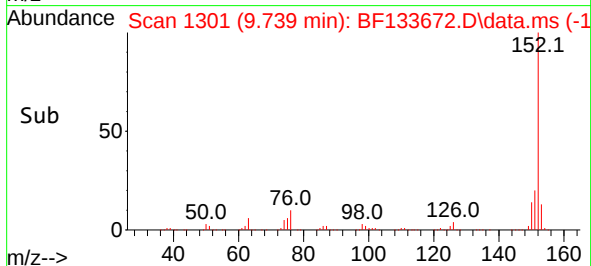
Tgt Ion:152 Resp: 666128
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.4 10.4 15.6

Manual Integrations

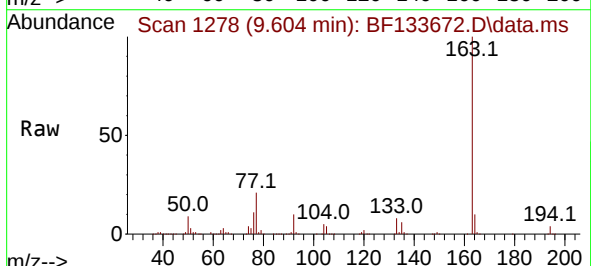
APPROVED

Reviewed By :Yogesh Patel 06/13/2023

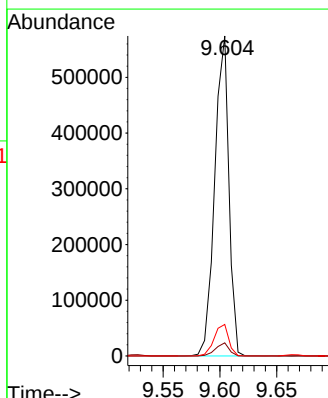
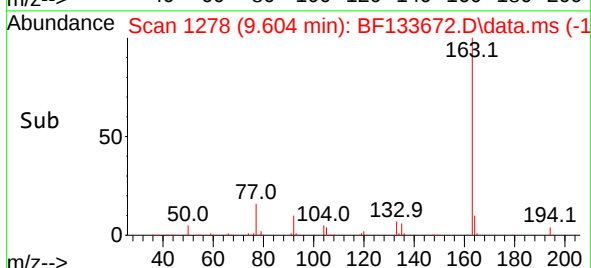
Supervised By :mohammad ahmed 06/13/2023

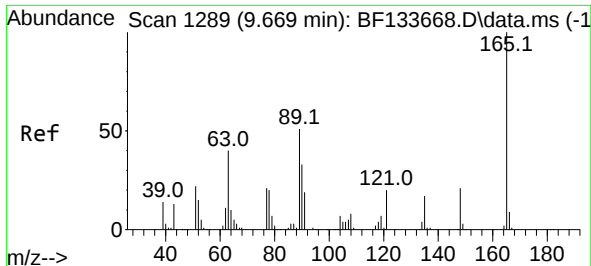


#50
Dimethylphthalate
Concen: 39.280 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



Tgt Ion:163 Resp: 498259
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.8 8.0 12.0





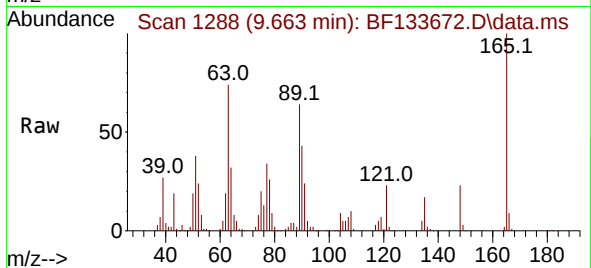
#51
2,6-Dinitrotoluene
Concen: 40.442 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

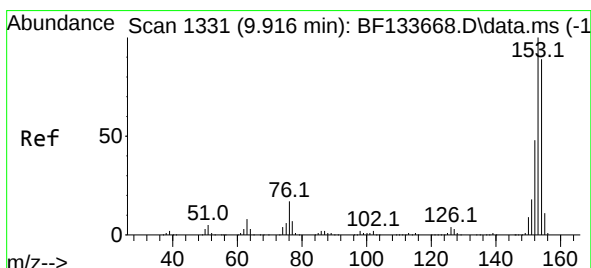
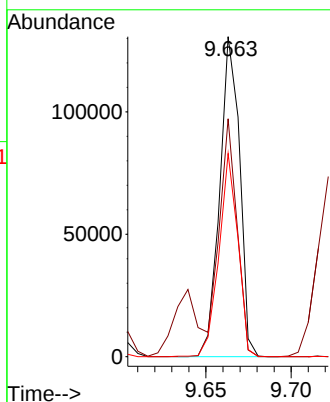
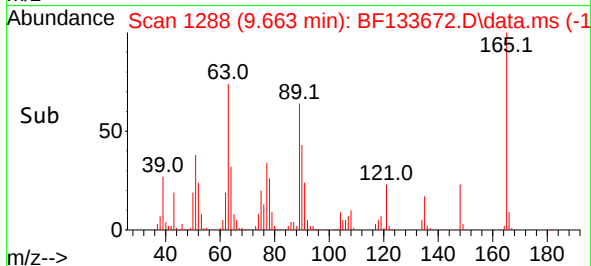


Tgt Ion:165 Resp: 105880
Ion Ratio Lower Upper
165 100
63 74.3 42.1 63.1
89 63.5 40.9 61.3

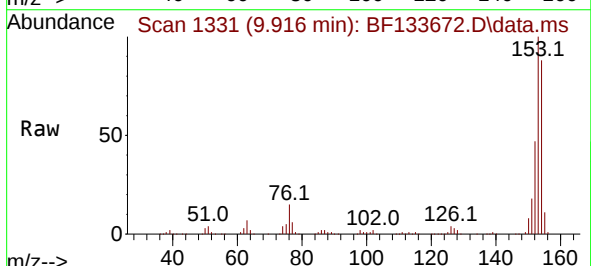
Manual Integrations

APPROVED

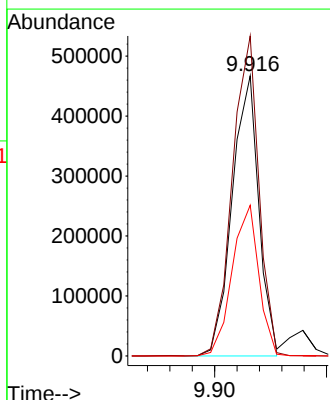
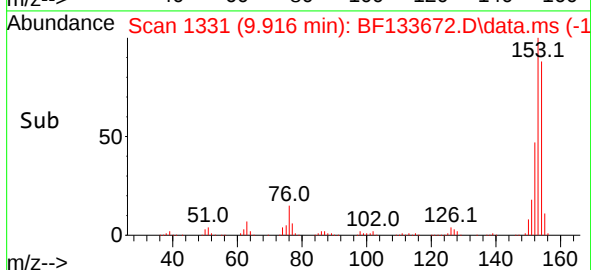
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

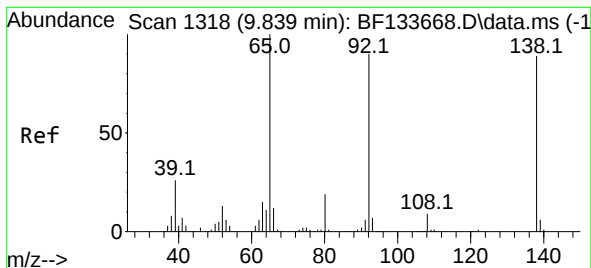


#52
Acenaphthene
Concen: 38.599 ng m
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



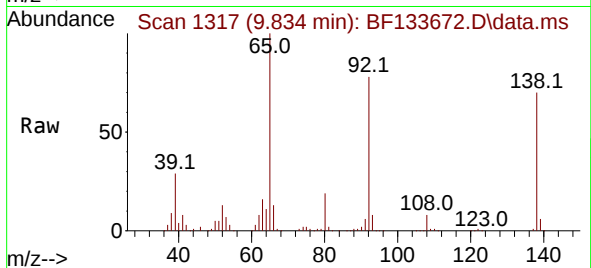
Tgt Ion:154 Resp: 386615
Ion Ratio Lower Upper
154 100
153 114.2 89.8 134.8
152 53.8 43.4 65.2





#53
3-Nitroaniline
Concen: 39.785 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

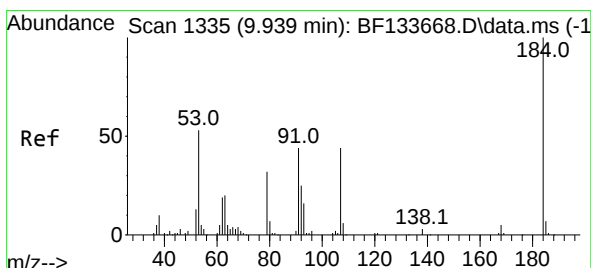
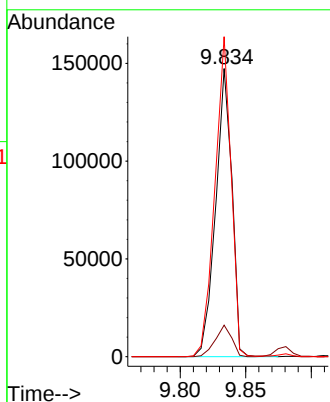
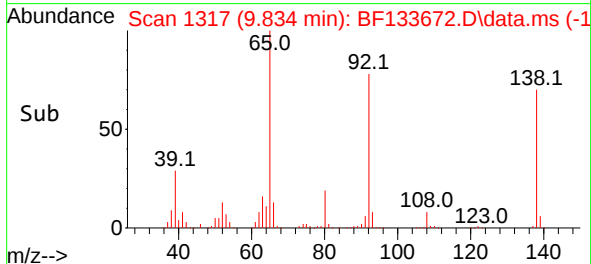
Instrument :
BNA_F
ClientSampleId :
ICVBF060923



Tgt Ion:138 Resp: 12676
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.4
92 111.0 81.0 121.6

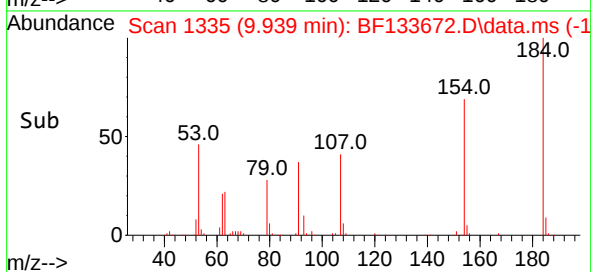
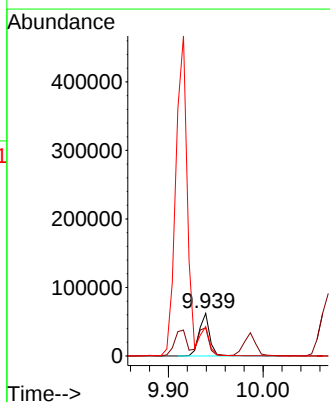
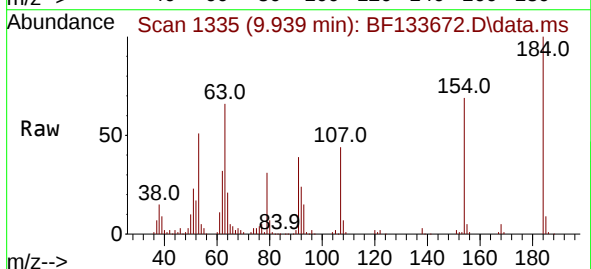
Manual Integrations
APPROVED

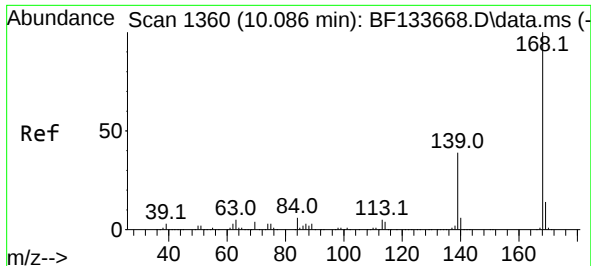
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#54
2,4-Dinitrophenol
Concen: 41.030 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

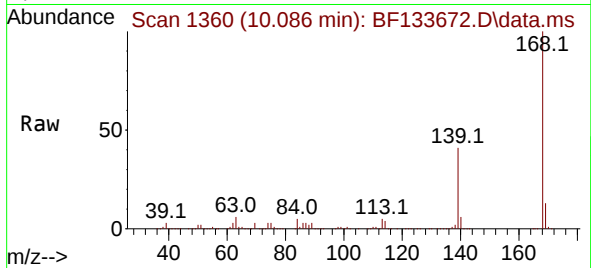
Tgt Ion:184 Resp: 48658
Ion Ratio Lower Upper
184 100
63 65.7 55.3 82.9
154 68.7 51.9 77.9





#55
Dibenzofuran
Concen: 39.187 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

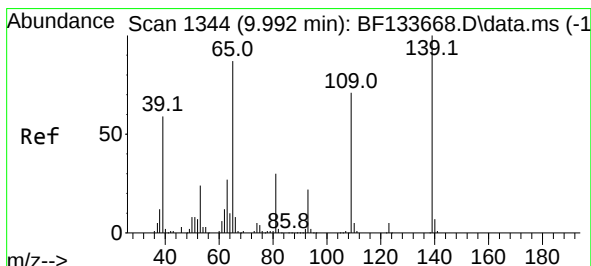
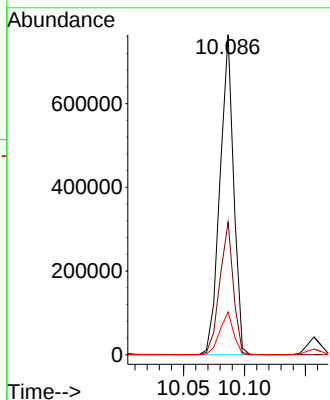
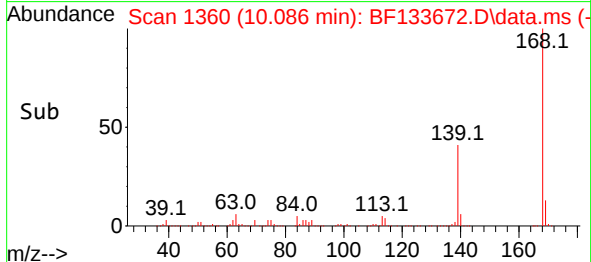
Instrument :
BNA_F
ClientSampleId :
ICVBF060923



Tgt Ion:168 Resp: 598915
Ion Ratio Lower Upper
168 100
139 41.4 30.9 46.3
169 13.3 10.9 16.3

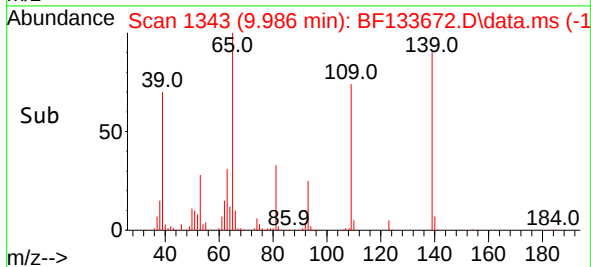
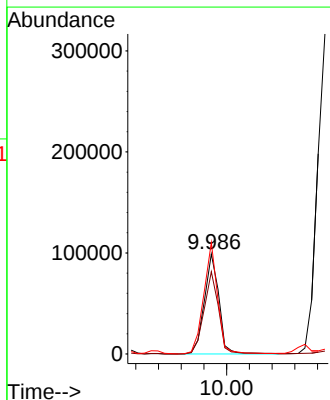
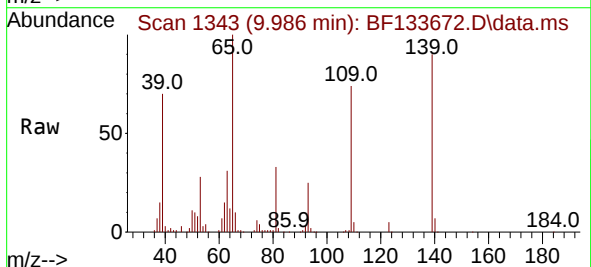
Manual Integrations
APPROVED

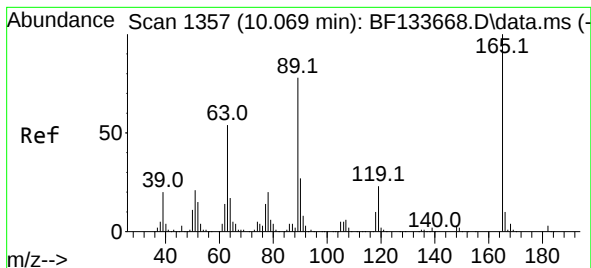
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#56
4-Nitrophenol
Concen: 40.690 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Tgt Ion:139 Resp: 87497
Ion Ratio Lower Upper
139 100
109 82.2 50.7 90.7
65 111.5 67.1 107.1#





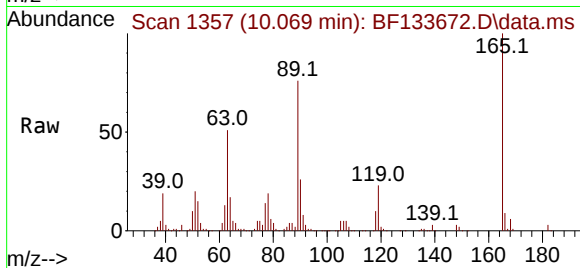
#57
2,4-Dinitrotoluene
Concen: 41.918 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

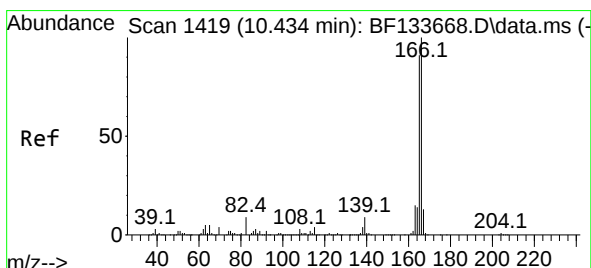
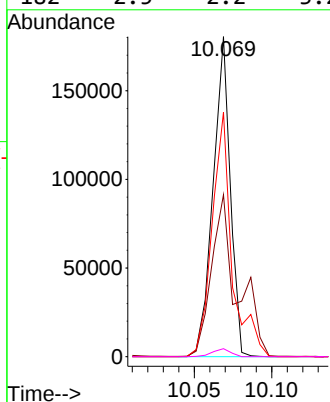
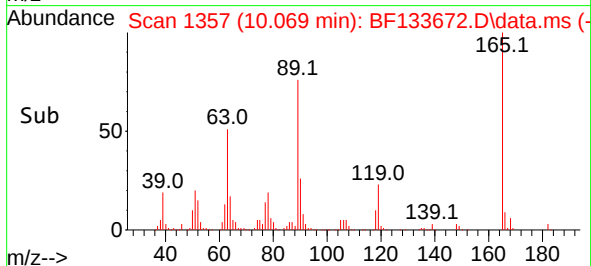


Tgt Ion:165 Resp: 13958
Ion Ratio Lower Upper
165 100
63 50.6 43.0 64.6
89 76.4 62.6 93.8
182 2.5 2.2 3.2

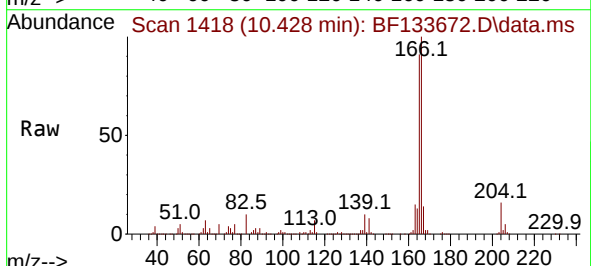
Manual Integrations

APPROVED

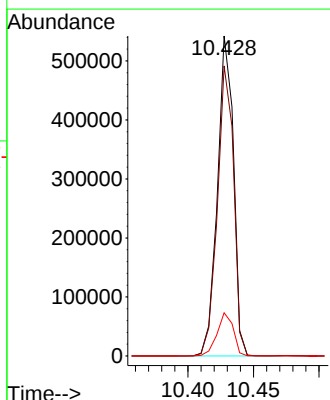
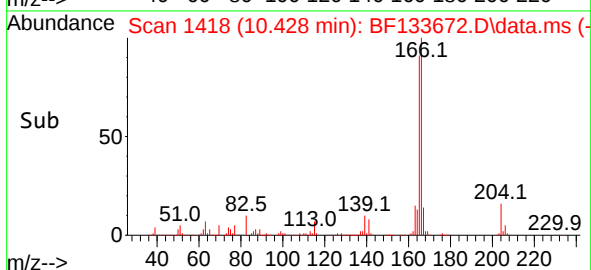
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

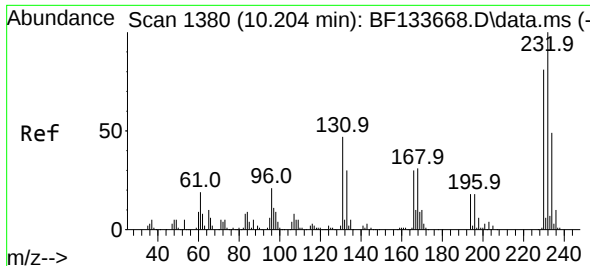


#58
Fluorene
Concen: 39.437 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



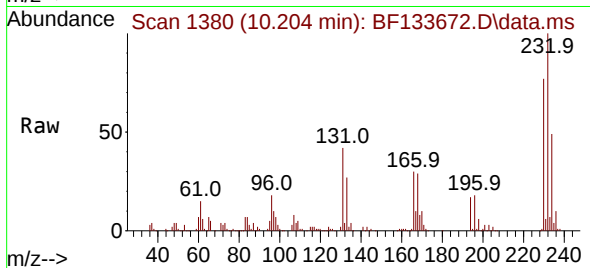
Tgt Ion:166 Resp: 460938
Ion Ratio Lower Upper
166 100
165 90.6 73.1 109.7
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.742 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

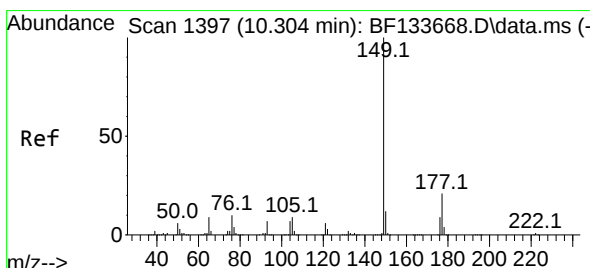
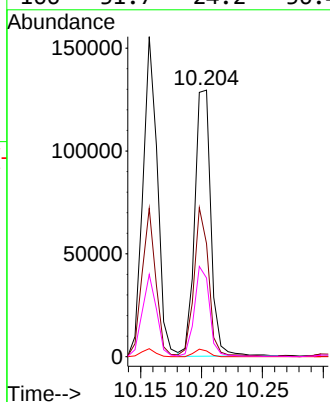
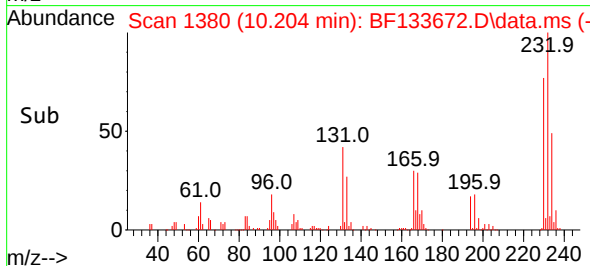
Instrument :
BNA_F
ClientSampleId :
ICVBF060923



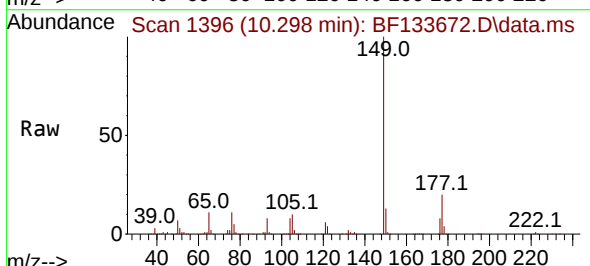
Tgt Ion:232 Resp: 119501
Ion Ratio Lower Upper
232 100
131 50.3 38.0 57.0
130 2.5 1.8 2.8
166 31.7 24.2 36.4

Manual Integrations
APPROVED

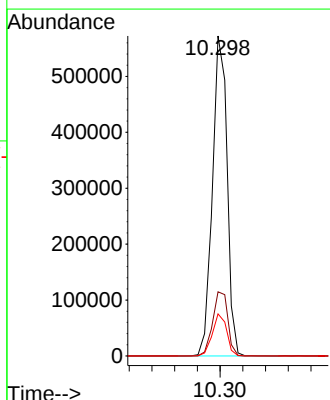
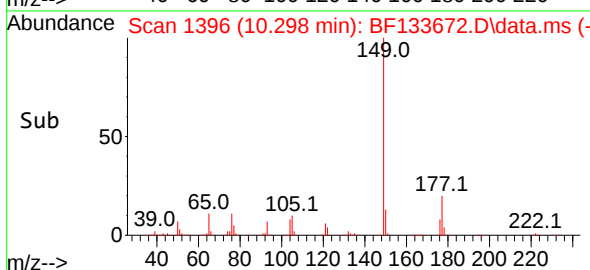
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

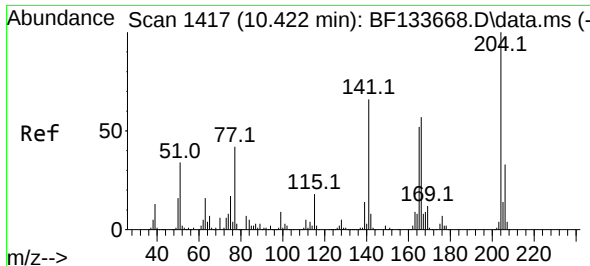


#60
Diethylphthalate
Concen: 39.719 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



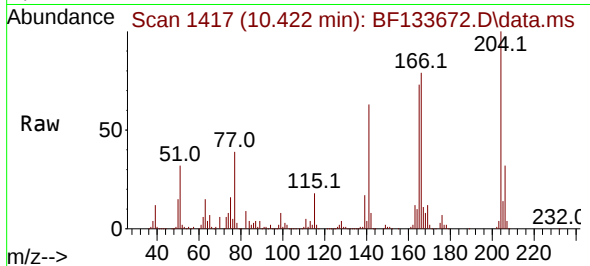
Tgt Ion:149 Resp: 512774
Ion Ratio Lower Upper
149 100
177 20.1 17.0 25.6
150 13.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.350 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

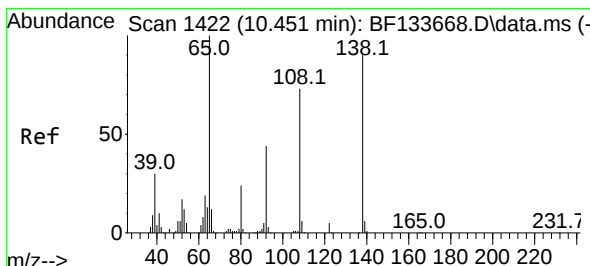
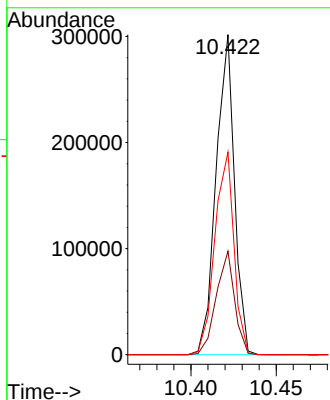
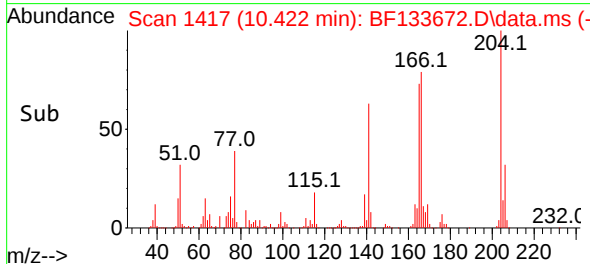
Instrument :
BNA_F
ClientSampleId :
ICVBF060923



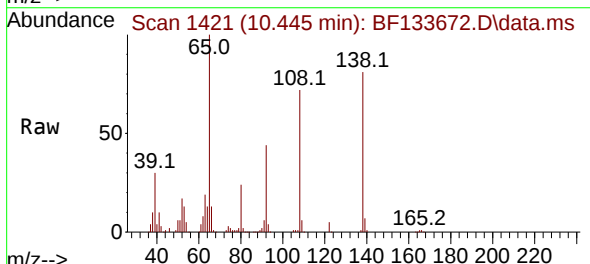
Tgt Ion:204 Resp: 227040
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 63.3 52.8 79.2

Manual Integrations
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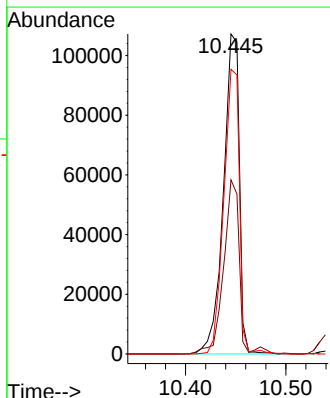
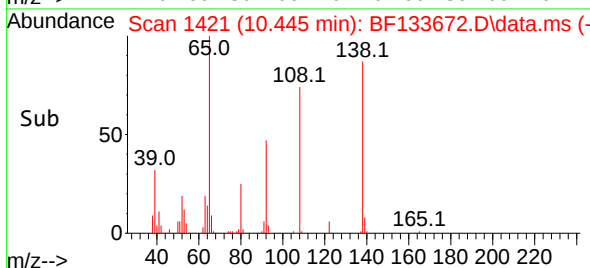
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#62
4-Nitroaniline
Concen: 37.791 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



Tgt Ion:138 Resp: 118060
Ion Ratio Lower Upper
138 100
92 54.4 28.9 68.9
108 89.0 61.0 101.0





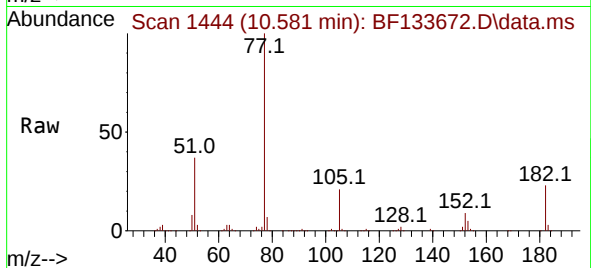
#63
Azobenzene
Concen: 38.661 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

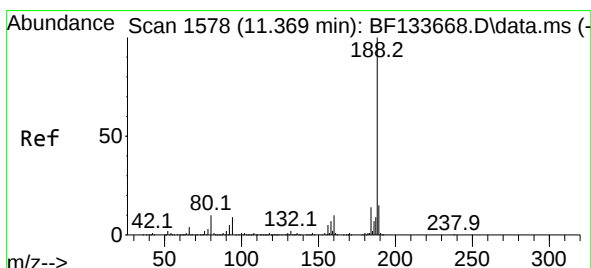
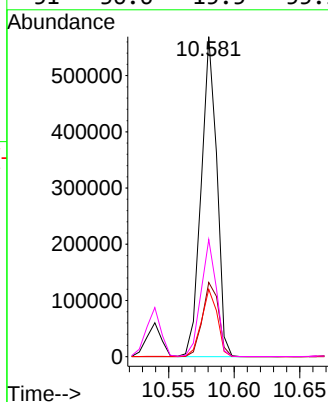
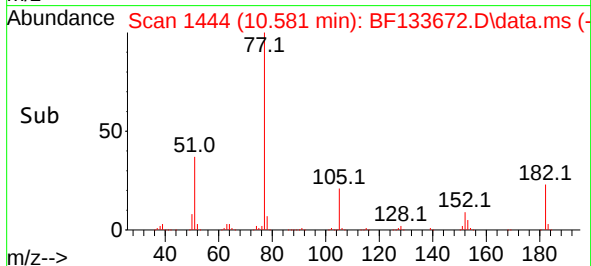


Tgt Ion: 77 Resp: 472497
Ion Ratio Lower Upper
77 100
182 23.2 1.6 41.6
105 21.1 1.6 41.6
51 36.6 15.5 55.5

Manual Integrations

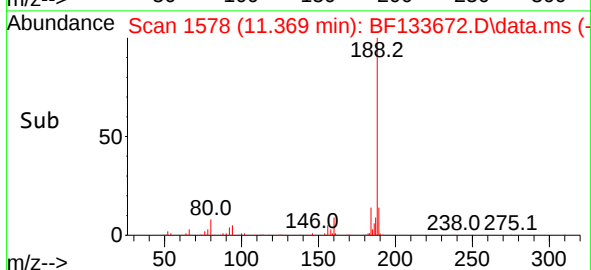
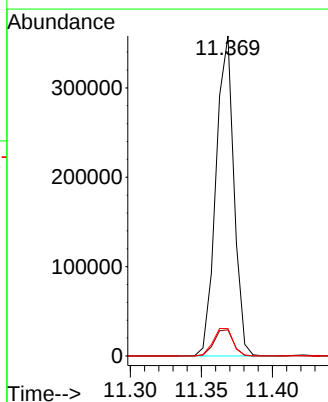
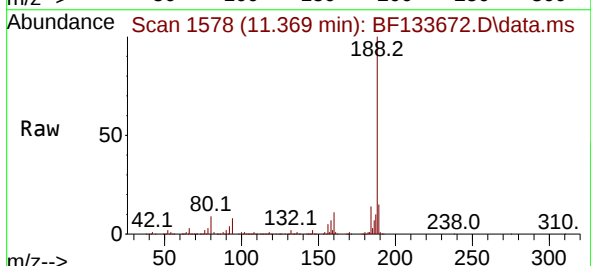
APPROVED

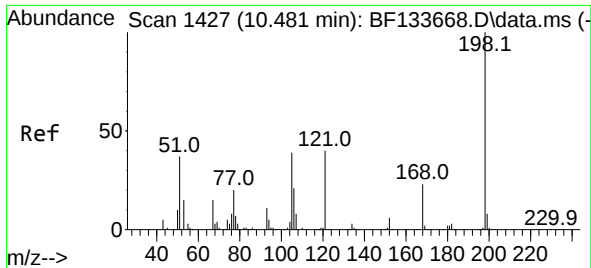
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Tgt Ion:188 Resp: 314862
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.6 7.8 11.6





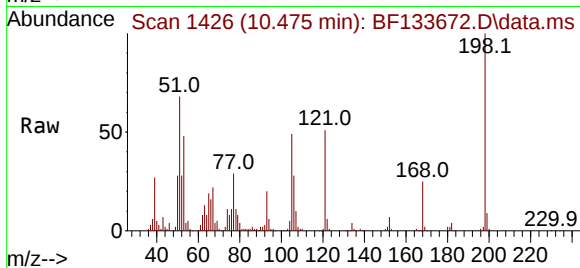
#65
4,6-Dinitro-2-methylphenol
Concen: 42.285 ng
RT: 10.475 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

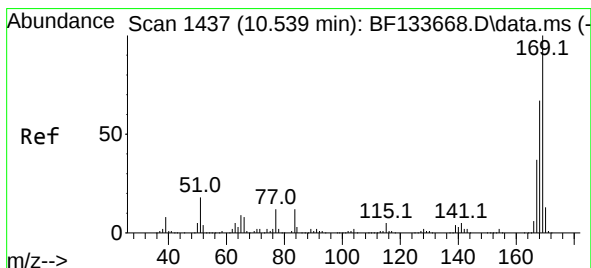
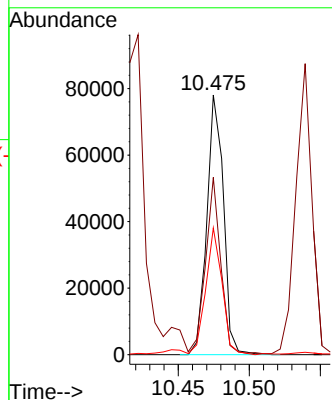
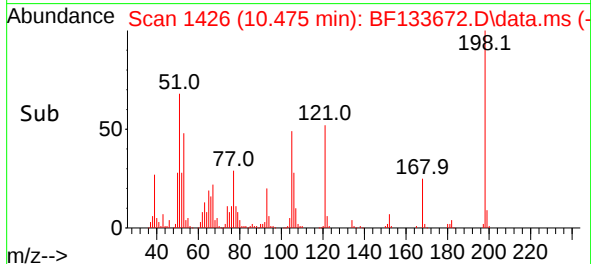
ICVBF060923



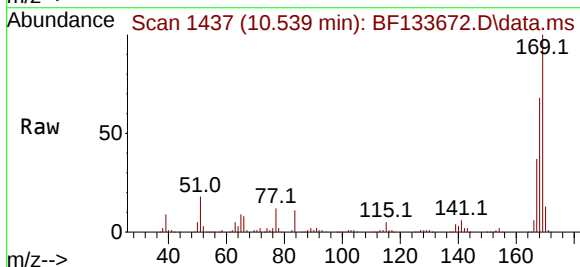
Tgt Ion:198 Resp: 6362
Ion Ratio Lower Upper
198 100
51 68.3 27.5 67.5
105 48.8 21.0 61.0

Manual Integrations
APPROVED

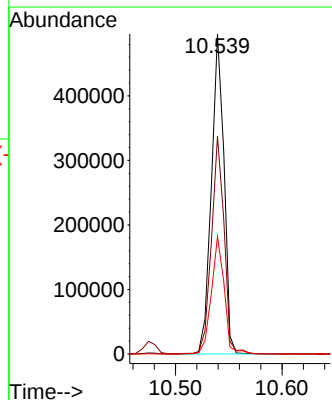
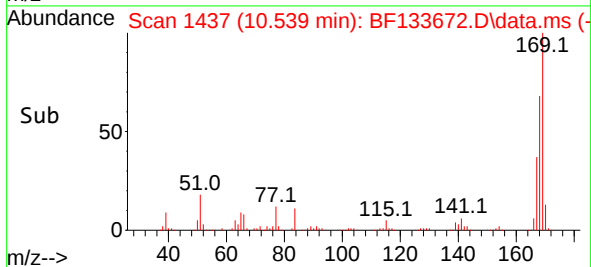
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

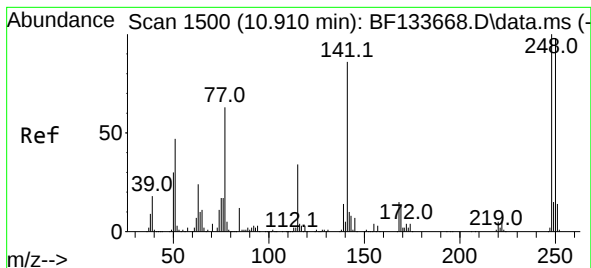


#66
n-Nitrosodiphenylamine
Concen: 38.583 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



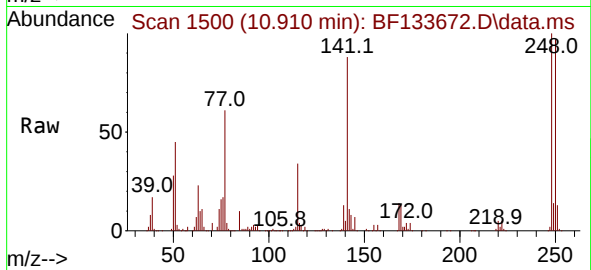
Tgt Ion:169 Resp: 408064
Ion Ratio Lower Upper
169 100
168 68.0 53.7 80.5
167 36.6 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 39.440 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

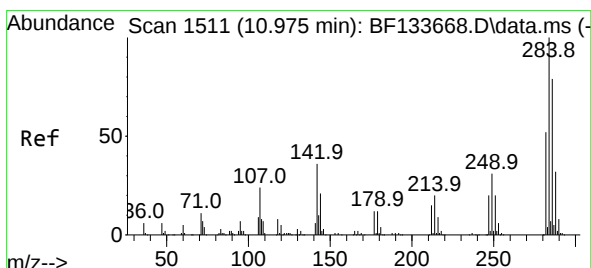
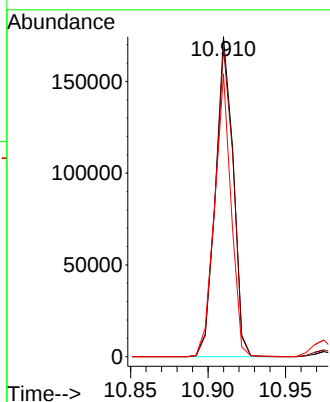
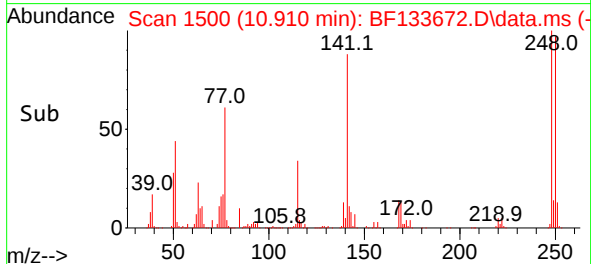
Instrument :
BNA_F
ClientSampleId :
ICVBF060923



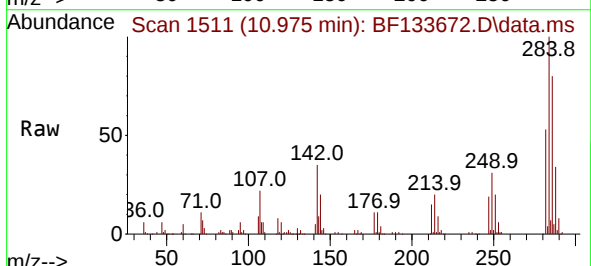
Tgt Ion:248 Resp: 138600
Ion Ratio Lower Upper
248 100
250 96.6 78.3 117.5
141 88.4 69.0 103.6

Manual Integrations
APPROVED

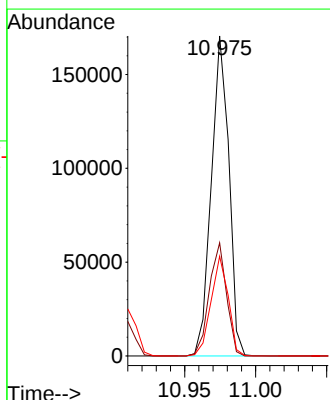
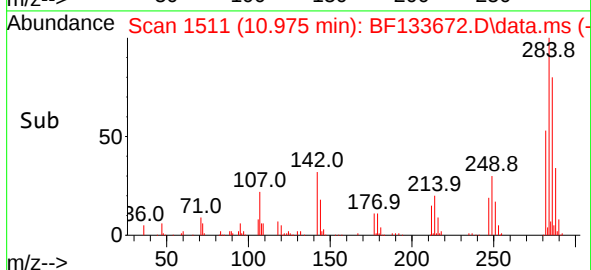
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

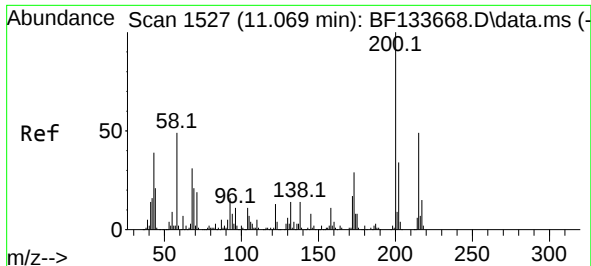


#68
Hexachlorobenzene
Concen: 39.504 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



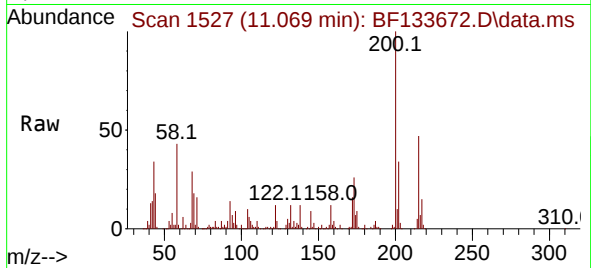
Tgt Ion:284 Resp: 145989
Ion Ratio Lower Upper
284 100
142 35.4 28.6 42.8
249 31.2 24.6 36.8





#69
 Atrazine
 Concen: 38.776 ng
 RT: 11.069 min Scan# 1527
 Delta R.T. 0.000 min
 Lab File: BF133672.D
 Acq: 09 Jun 2023 13:05

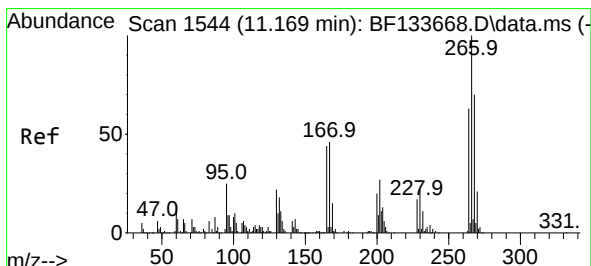
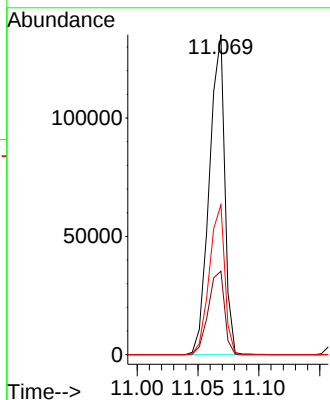
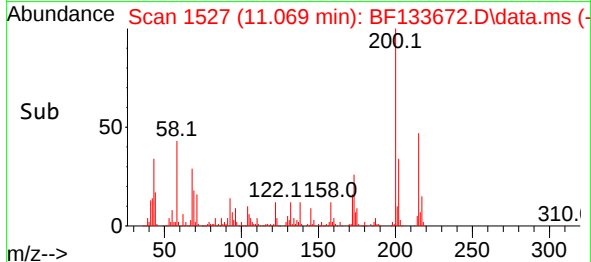
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060923



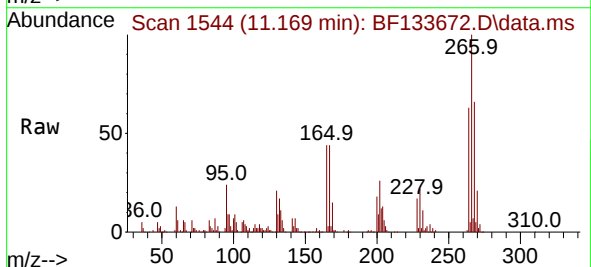
Tgt Ion:200 Resp: 118990
 Ion Ratio Lower Upper
 200 100
 173 26.1 8.7 48.7
 215 46.8 29.0 69.0

Manual Integrations
 APPROVED

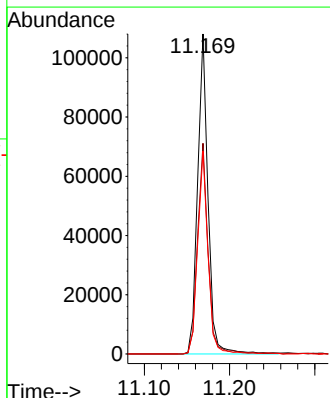
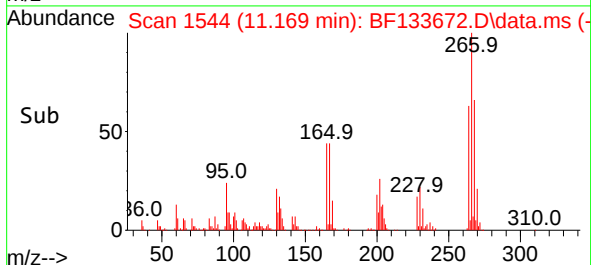
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

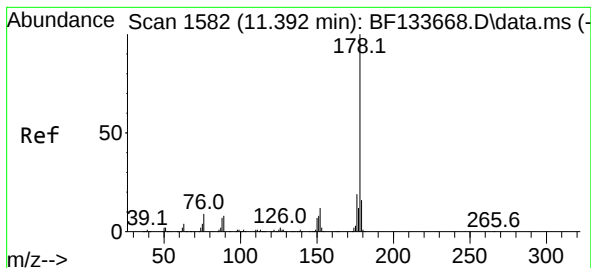


#70
 Pentachlorophenol
 Concen: 41.396 ng
 RT: 11.169 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: BF133672.D
 Acq: 09 Jun 2023 13:05



Tgt Ion:266 Resp: 91606
 Ion Ratio Lower Upper
 266 100
 268 65.8 55.7 83.5
 264 63.4 50.7 76.1





#71

Phenanthrene

Concen: 39.214 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

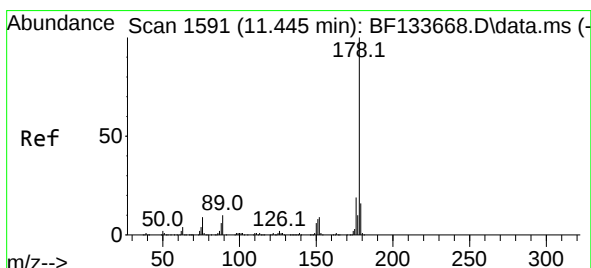
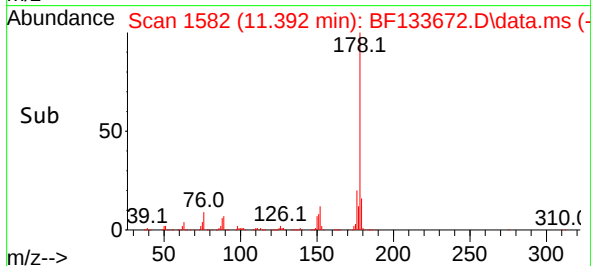
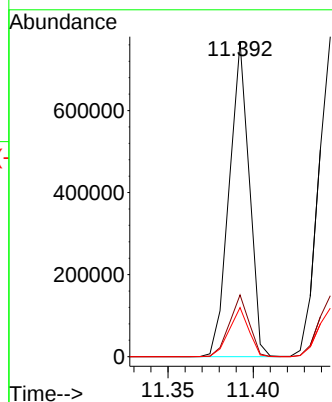
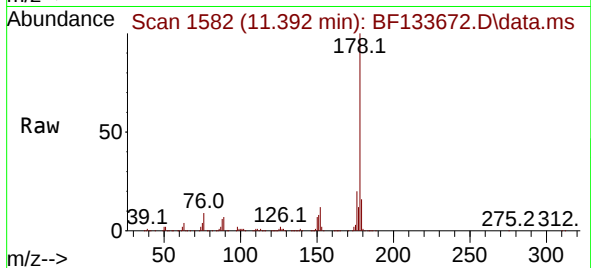
ICVBF060923

Tgt Ion:178 Resp: 626429
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 15.6 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023



#72

Anthracene

Concen: 38.768 ng

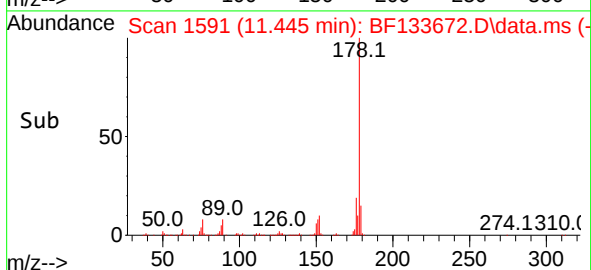
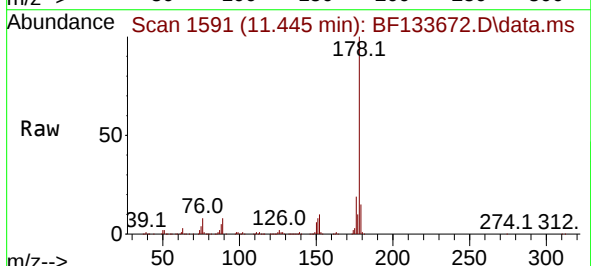
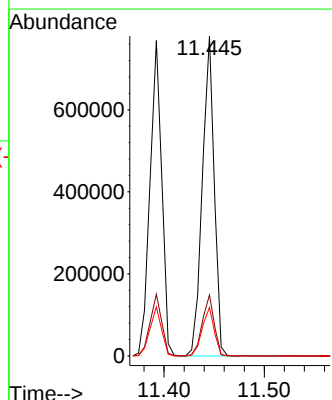
RT: 11.445 min Scan# 1591

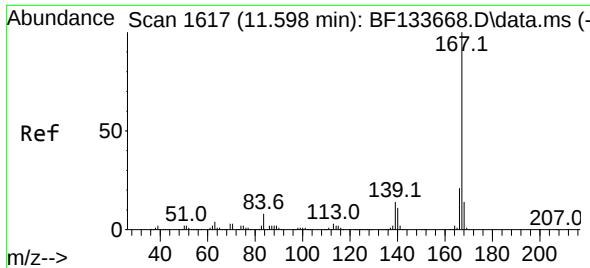
Delta R.T. 0.000 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Tgt Ion:178 Resp: 645744
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.2 12.6 18.8





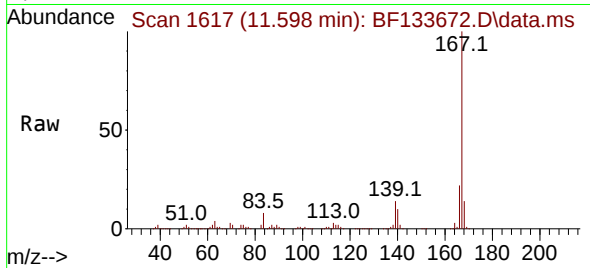
#73
 Carbazole
 Concen: 37.775 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF133672.D
 Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

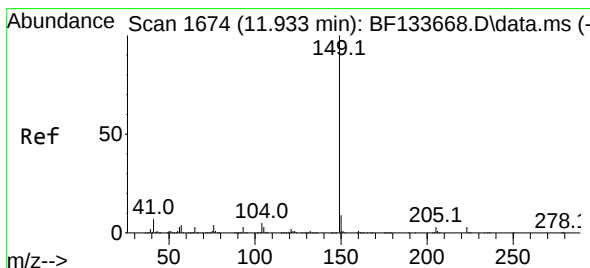
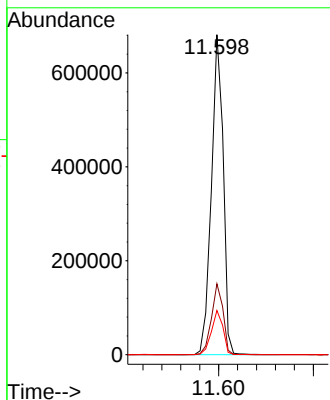
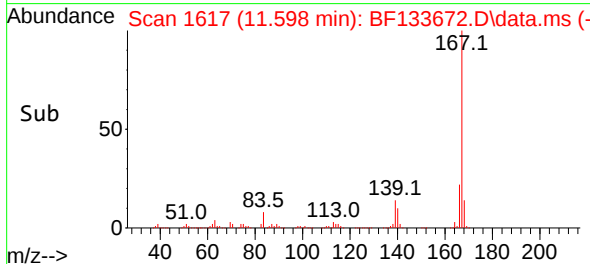


Tgt Ion:167 Resp: 586011
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.6
 139 13.8 11.2 16.8

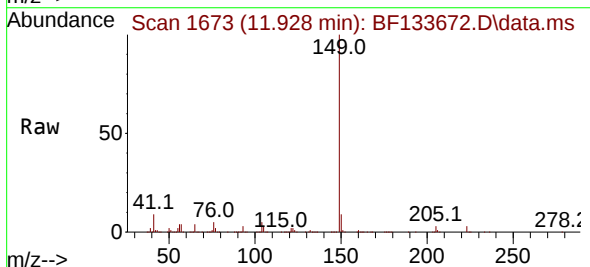
Manual Integrations

APPROVED

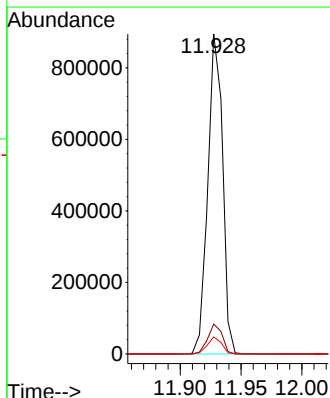
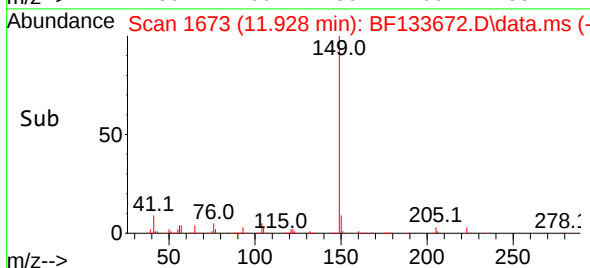
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

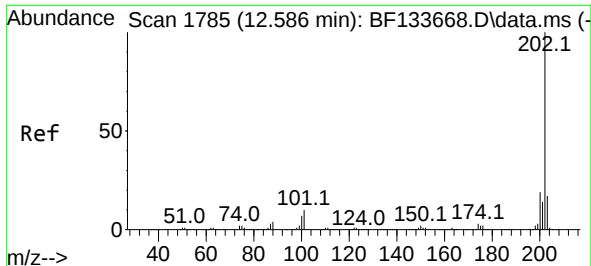


#74
 Di-n-butylphthalate
 Concen: 38.019 ng
 RT: 11.928 min Scan# 1673
 Delta R.T. -0.005 min
 Lab File: BF133672.D
 Acq: 09 Jun 2023 13:05



Tgt Ion:149 Resp: 756111
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.3 3.8 5.8





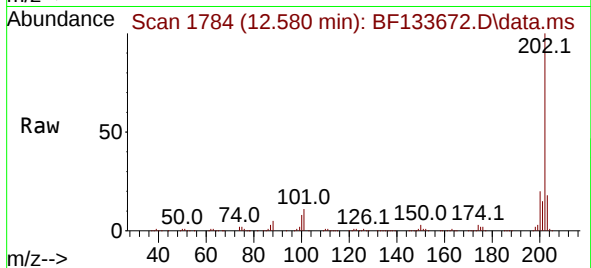
#75
Fluoranthene
Concen: 39.086 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923



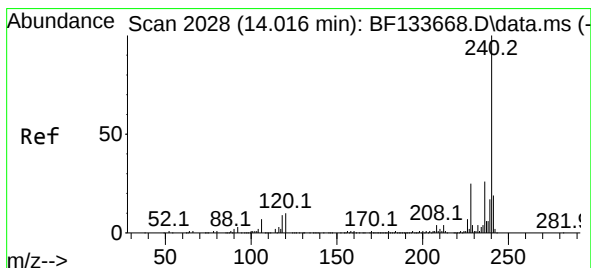
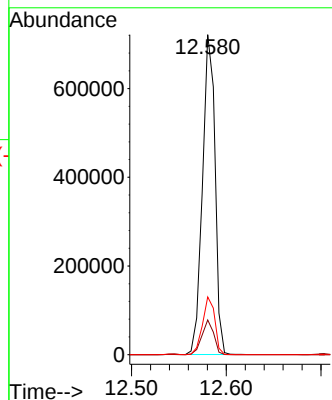
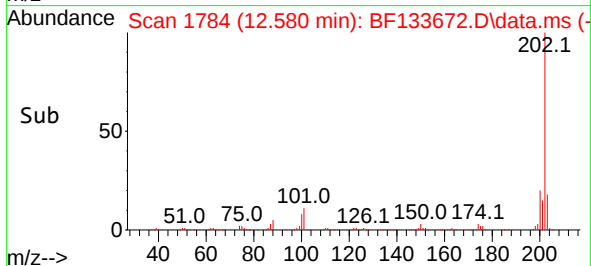
Tgt Ion:202 Resp: 663049
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.6
203 18.1 0.0 37.4

Manual Integrations

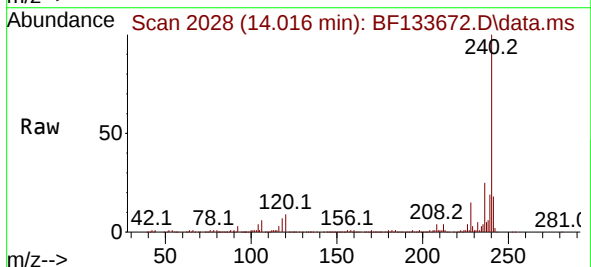
APPROVED

Reviewed By :Yogesh Patel 06/13/2023

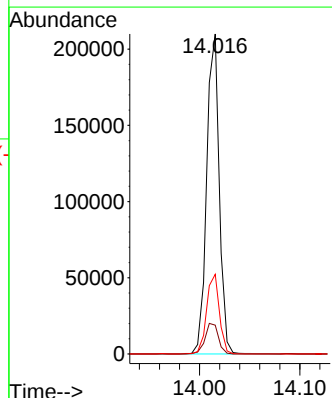
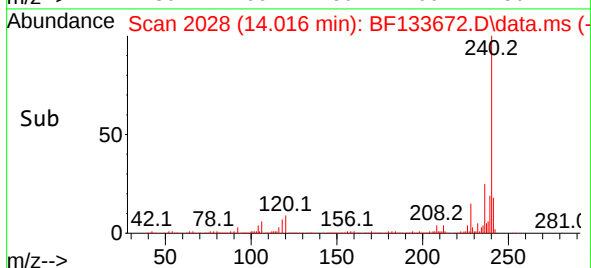
Supervised By :mohammad ahmed 06/13/2023

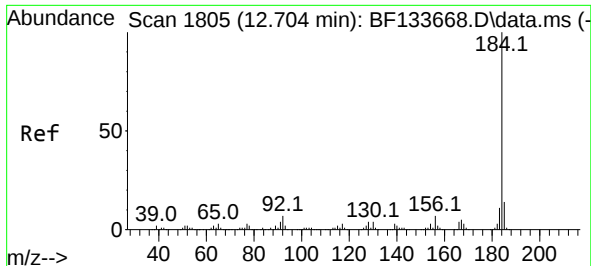


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



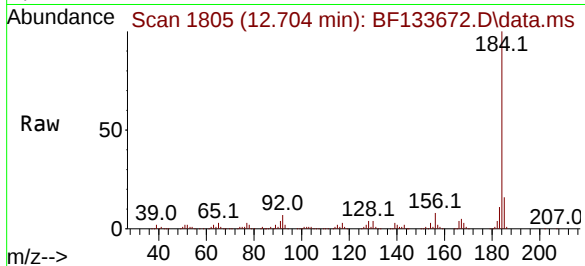
Tgt Ion:240 Resp: 183008
Ion Ratio Lower Upper
240 100
120 9.0 8.1 12.1
236 24.9 20.5 30.7





#77
Benzidine
Concen: 38.115 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

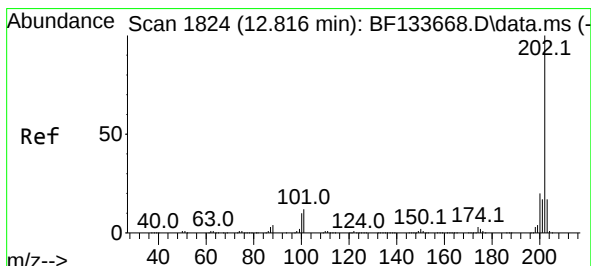
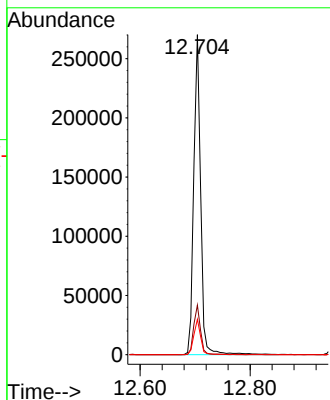
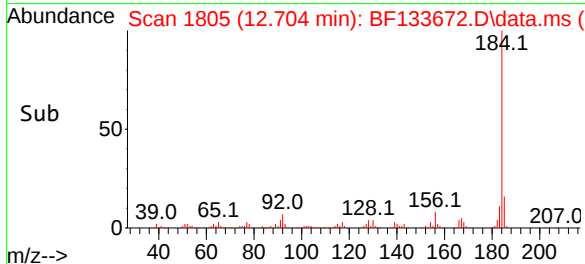
Instrument :
BNA_F
ClientSampleId :
ICVBF060923



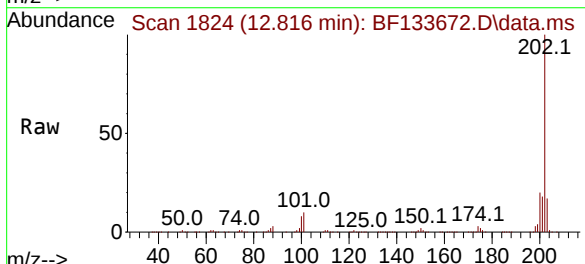
Tgt Ion:184 Resp: 23406
Ion Ratio Lower Upper
184 100
185 15.5 11.6 17.4
183 11.0 8.4 12.6

Manual Integrations
APPROVED

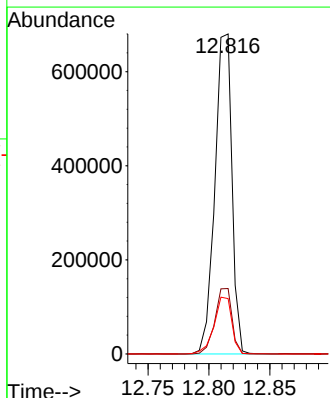
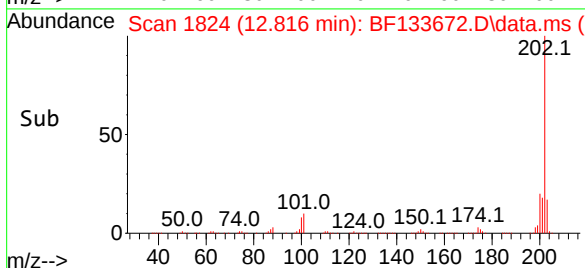
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

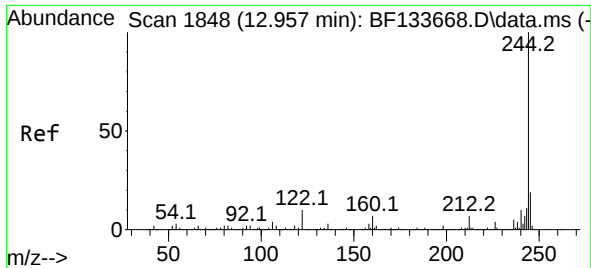


#78
Pyrene
Concen: 38.968 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



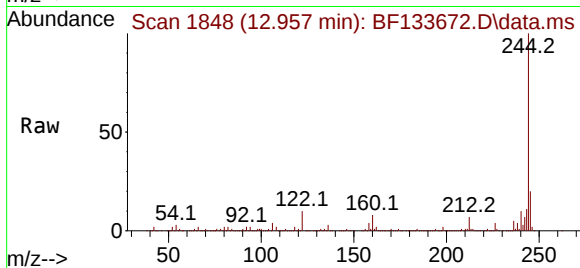
Tgt Ion:202 Resp: 664327
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.3 13.9 20.9





#79
 Terphenyl-d14
 Concen: 78.926 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133672.D
 Acq: 09 Jun 2023 13:05

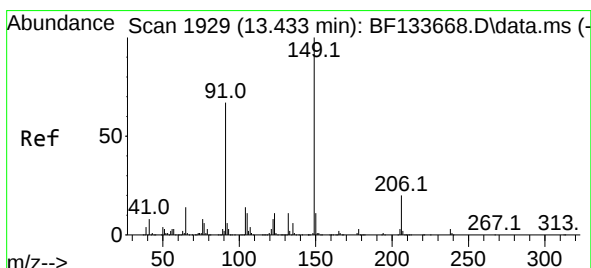
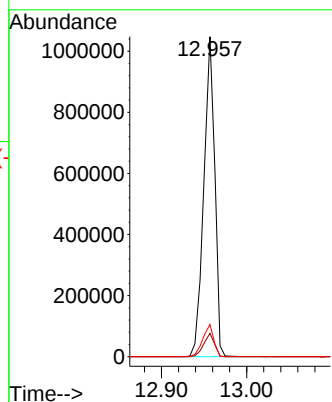
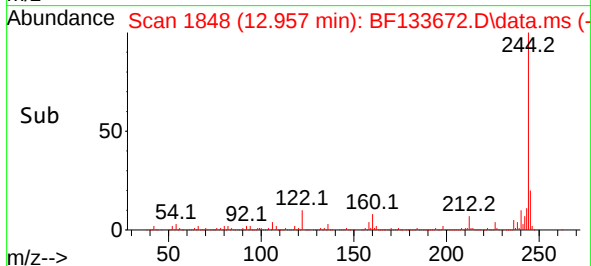
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060923



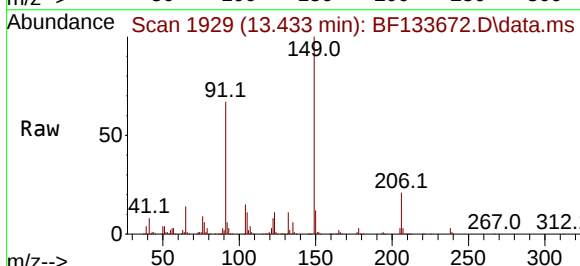
Tgt Ion:244 Resp: 933470
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.1 8.1 12.1

Manual Integrations
 APPROVED

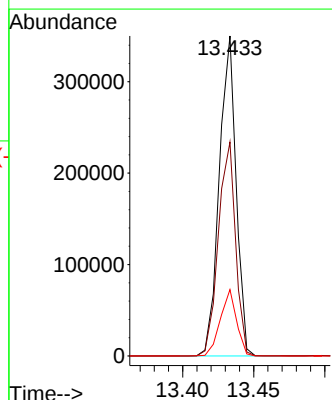
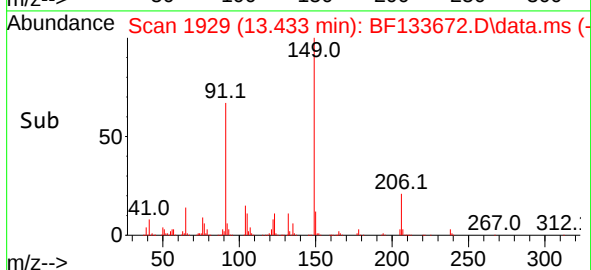
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

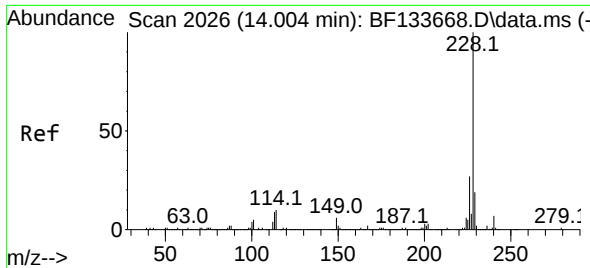


#80
 Butylbenzylphthalate
 Concen: 40.057 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF133672.D
 Acq: 09 Jun 2023 13:05



Tgt Ion:149 Resp: 288289
 Ion Ratio Lower Upper
 149 100
 91 66.9 54.0 81.0
 206 20.8 15.6 23.4





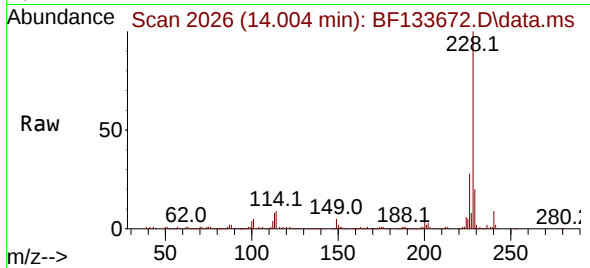
#81
Benzo(a)anthracene
Concen: 38.370 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

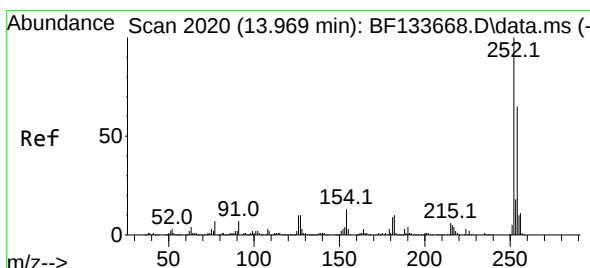
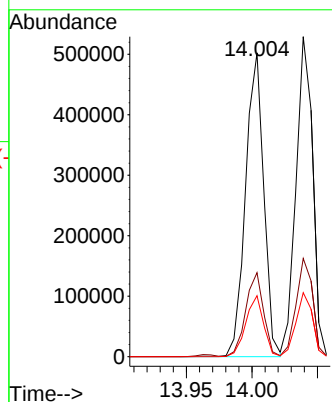
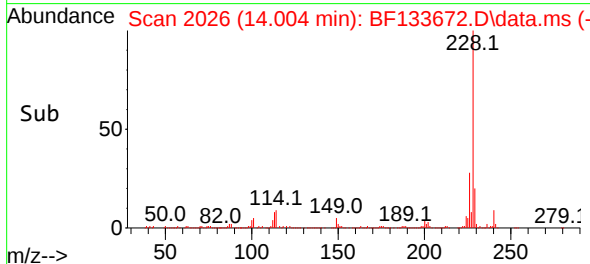


Tgt Ion:228 Resp: 485711
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.1 15.4 23.2

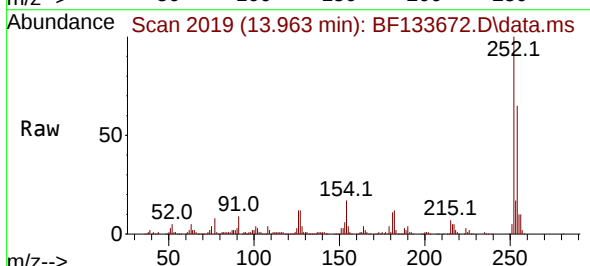
Manual Integrations

APPROVED

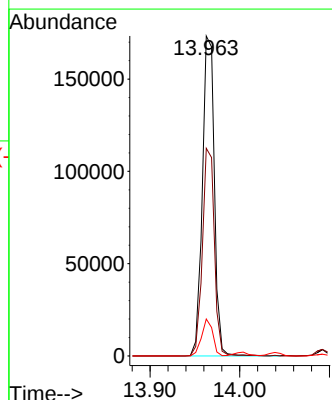
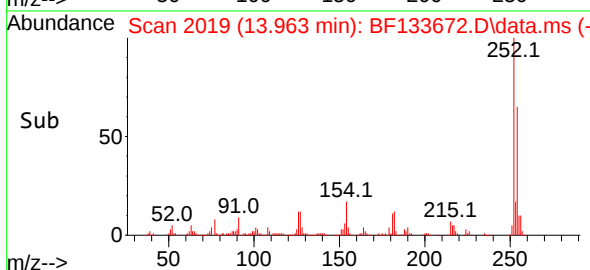
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

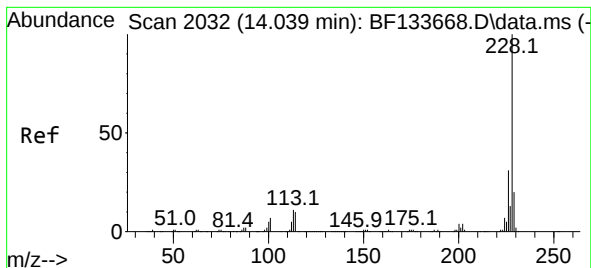


#82
3,3'-Dichlorobenzidine
Concen: 38.244 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



Tgt Ion:252 Resp: 160949
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 11.6 7.7 11.5#





#83

Chrysene

Concen: 39.008 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

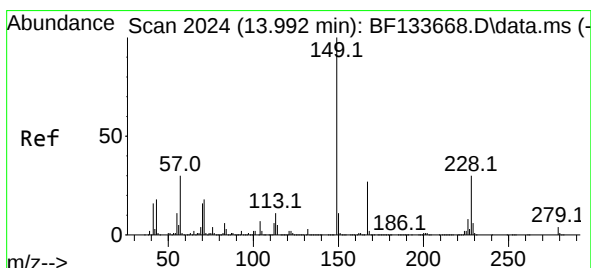
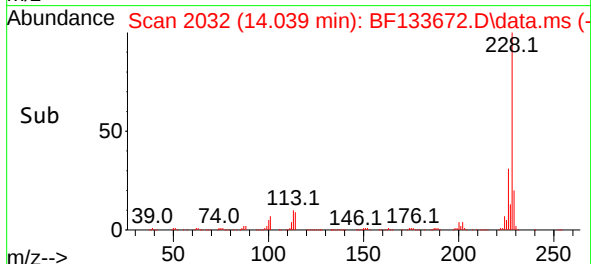
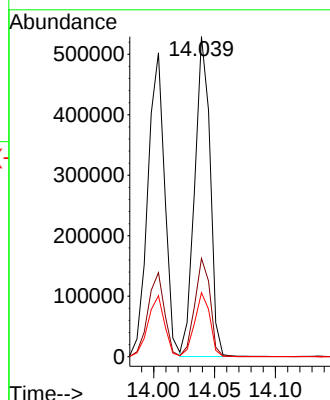
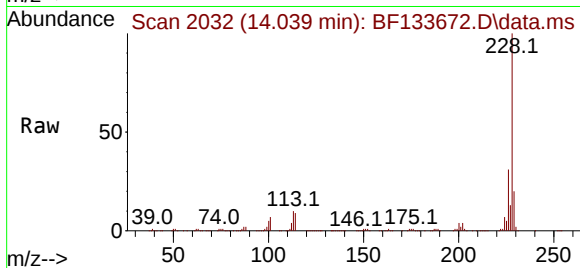
Tgt Ion:228 Resp: 467034

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.0	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.882 ng

RT: 13.992 min Scan# 2024

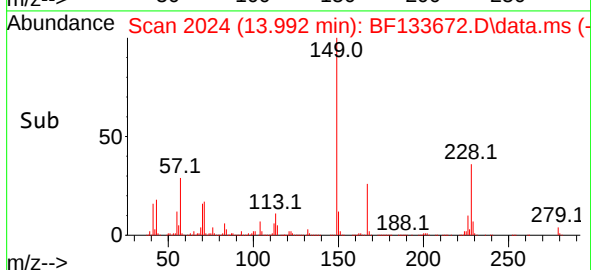
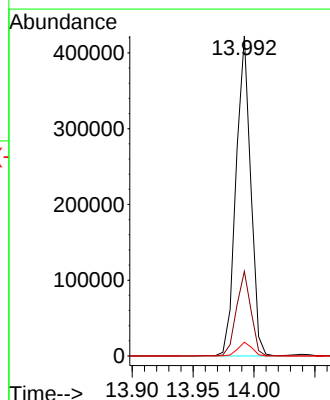
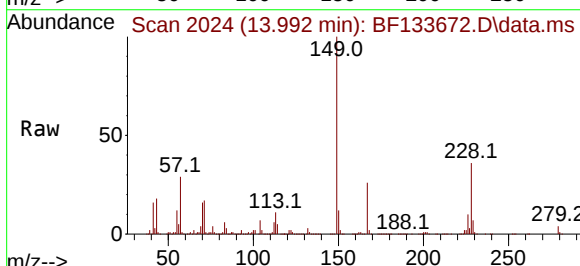
Delta R.T. 0.000 min

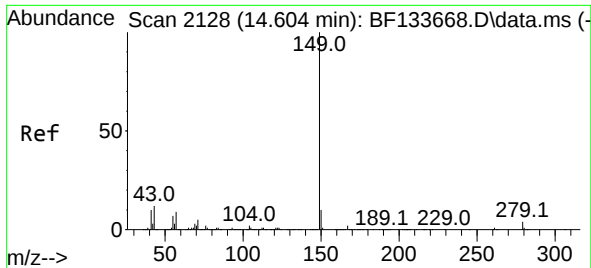
Lab File: BF133672.D

Acq: 09 Jun 2023 13:05

Tgt Ion:149 Resp: 353422

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.8
279	4.3	3.3	4.9





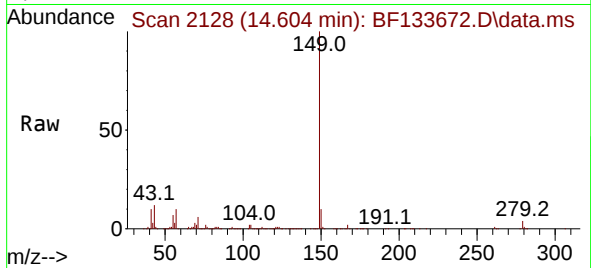
#85
Di-n-octyl phthalate
Concen: 37.928 ng
RT: 14.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923



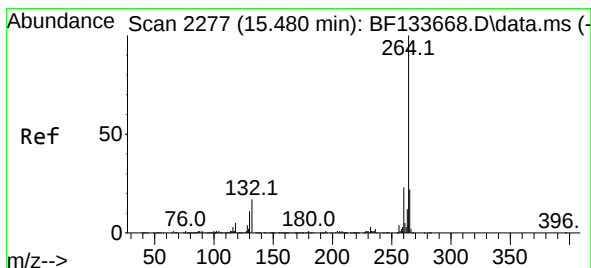
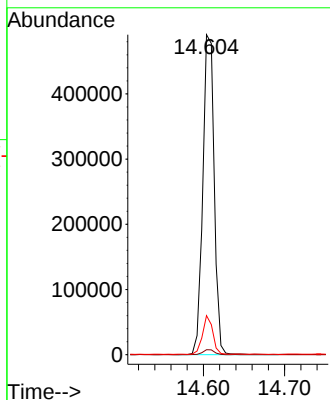
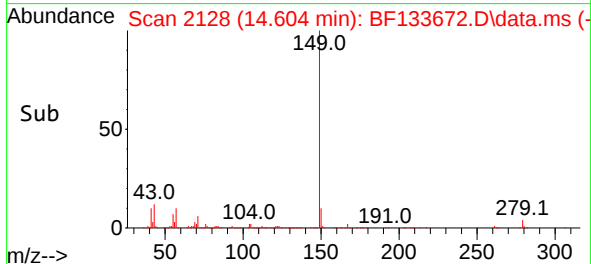
Tgt Ion:149 Resp: 477629
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.9 8.7 13.1

Manual Integrations

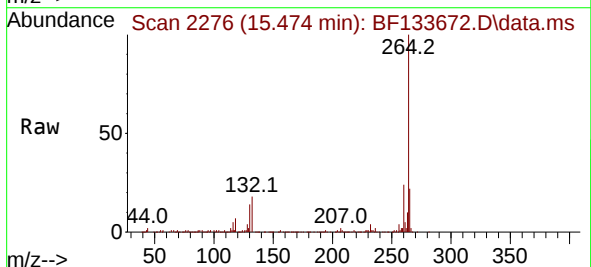
APPROVED

Reviewed By :Yogesh Patel 06/13/2023

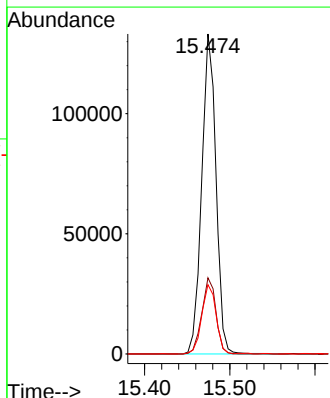
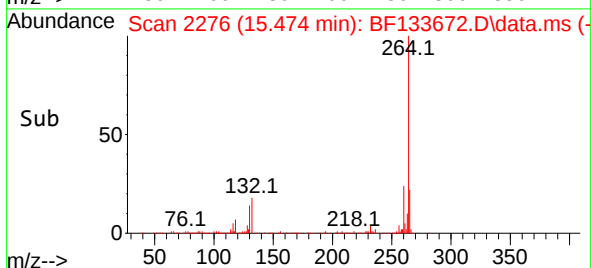
Supervised By :mohammad ahmed 06/13/2023

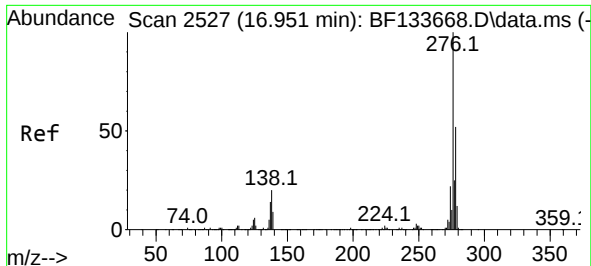


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



Tgt Ion:264 Resp: 154576
Ion Ratio Lower Upper
264 100
260 23.8 18.2 27.2
265 21.7 17.8 26.6





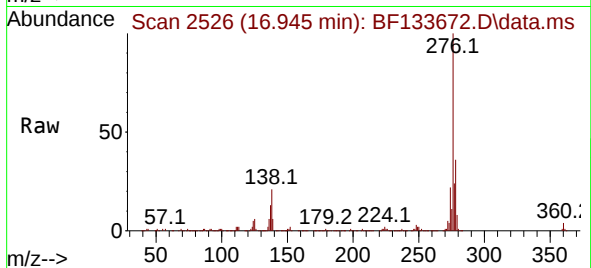
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.801 ng
RT: 16.945 min Scan# 2527
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

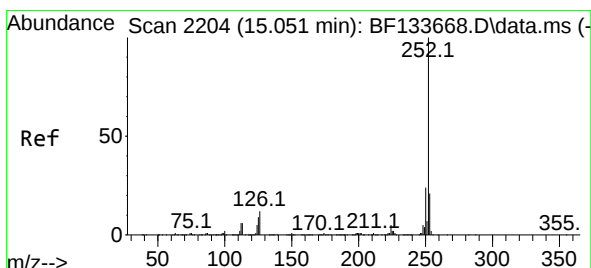
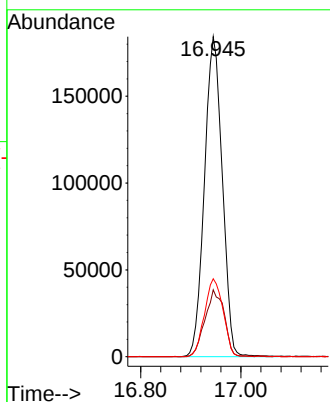
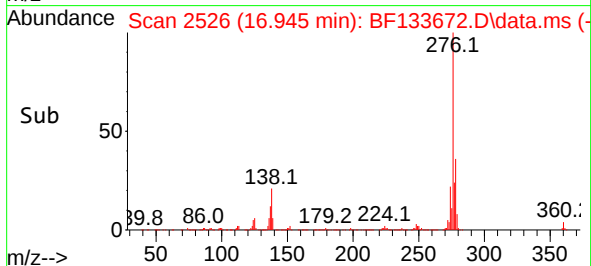
ICVBF060923



Tgt Ion:276 Resp: 45516
Ion Ratio Lower Upper
276 100
138 22.5 17.9 26.9
277 25.4 20.3 30.5

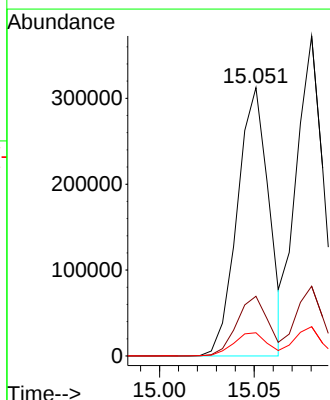
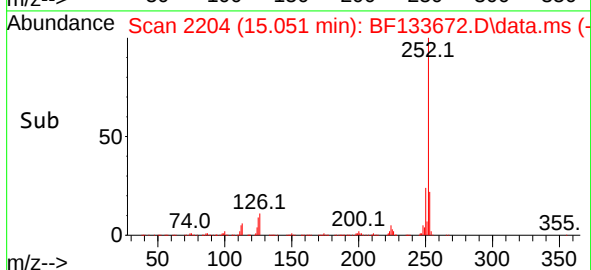
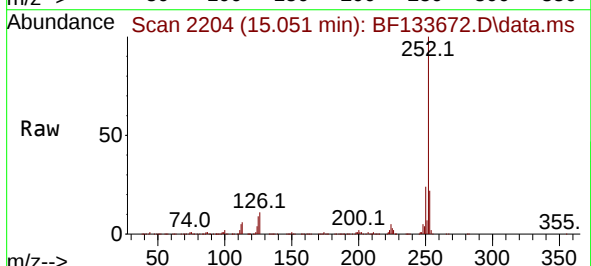
Manual Integrations
APPROVED

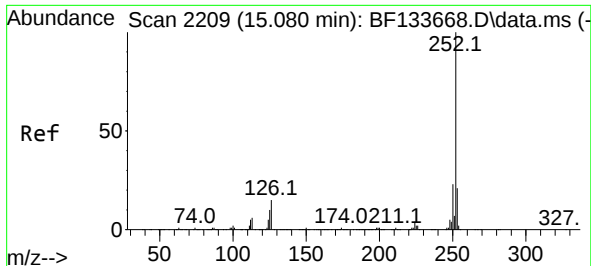
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#88
Benzo(b)fluoranthene
Concen: 38.626 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

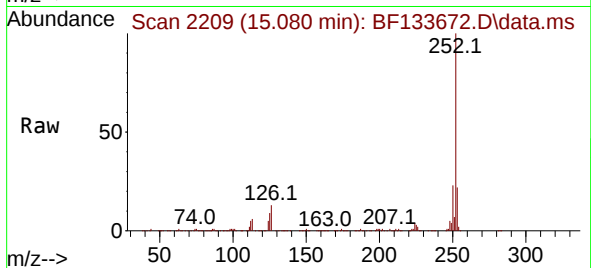
Tgt Ion:252 Resp: 362690
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 8.6 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 39.712 ng
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

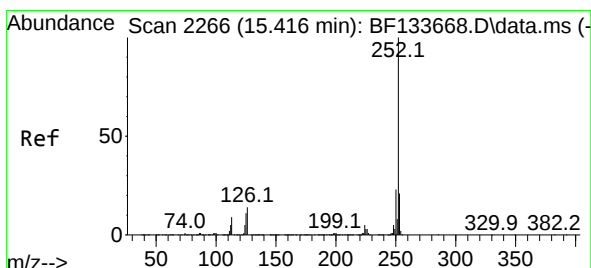
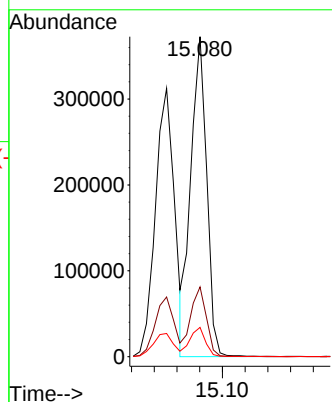
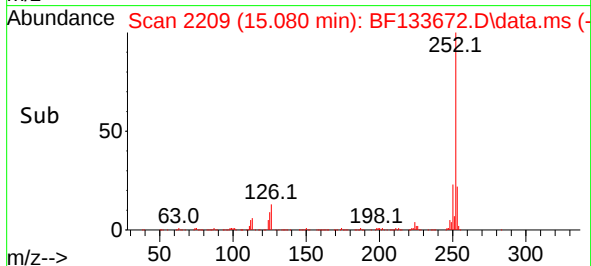
Instrument :
BNA_F
ClientSampleId :
ICVBF060923



Tgt Ion:252 Resp: 36323
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 9.2 7.8 11.6

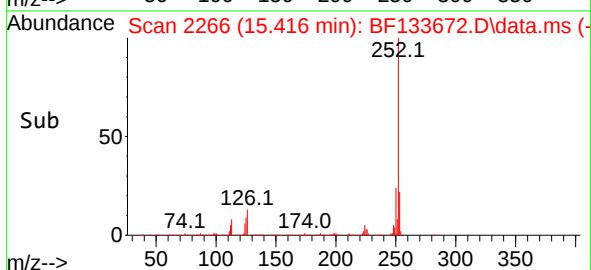
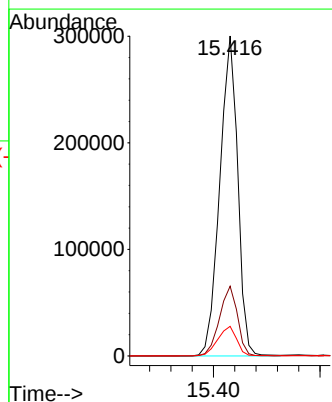
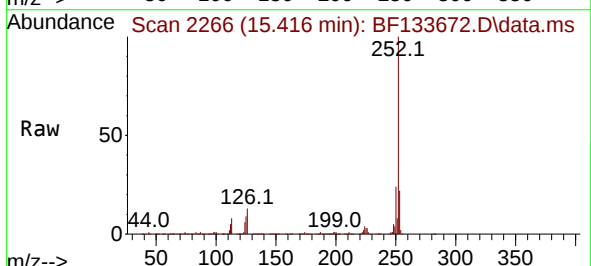
Manual Integrations
APPROVED

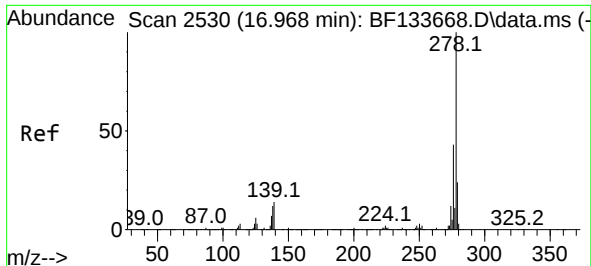
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#90
Benzo(a)pyrene
Concen: 40.178 ng
RT: 15.416 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Tgt Ion:252 Resp: 350135
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.3 8.6 13.0





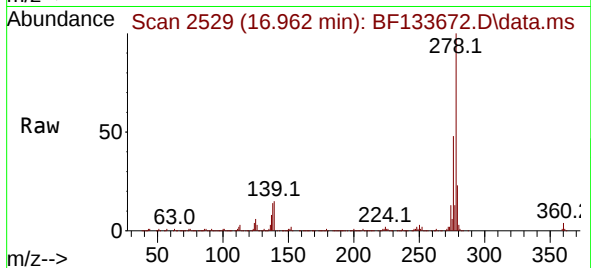
#91
Dibenzo(a,h)anthracene
Concen: 42.836 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.006 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF060923

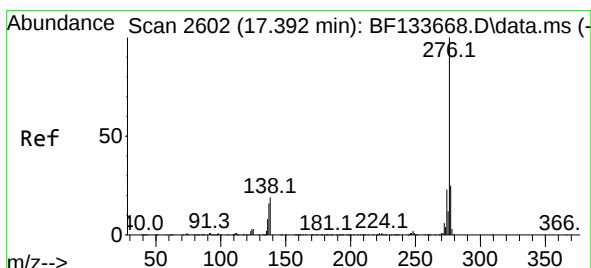
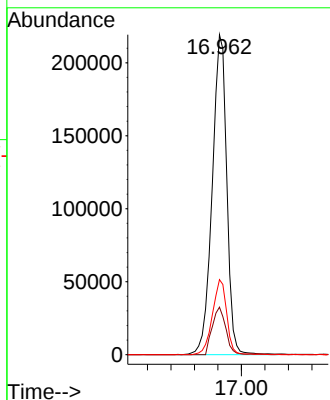
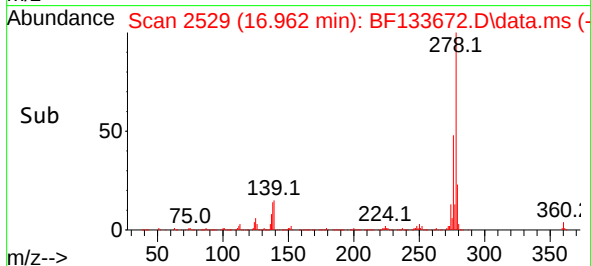


Tgt Ion: 278 Resp: 377130
Ion Ratio Lower Upper
278 100
139 14.8 11.4 17.2
279 23.5 19.0 28.4

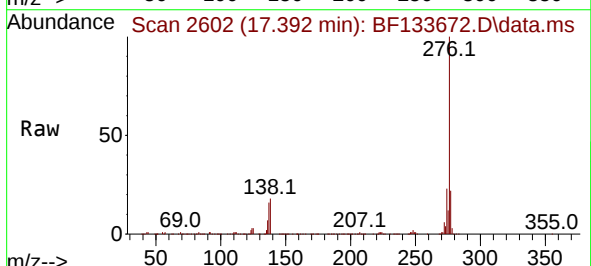
Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 06/13/2023
Supervised By : mohammad ahmed 06/13/2023



#92
Benzo(g,h,i)perylene
Concen: 42.111 ng
RT: 17.392 min Scan# 2602
Delta R.T. 0.000 min
Lab File: BF133672.D
Acq: 09 Jun 2023 13:05



Tgt Ion: 276 Resp: 367592
Ion Ratio Lower Upper
276 100
277 22.5 19.8 29.8
138 18.1 15.0 22.4

