

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062824\
 Data File : BF138389.D
 Acq On : 28 Jun 2024 15:30
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 02:37:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:31:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	180521	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	715630	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	381215	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	600410	20.000	ng	0.00
76) Chrysene-d12	14.033	240	238187	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	305877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1002682	92.089	ng	0.00
7) Phenol-d6	6.522	99	1359680	92.700	ng	0.00
23) Nitrobenzene-d5	7.445	82	1311461	95.199	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	291489	93.589	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2112504	88.191	ng	0.00
79) Terphenyl-d14	12.980	244	1594570	91.744	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	243905	47.557	ng	100
3) Pyridine	3.422	79	599745	49.018	ng	99
4) n-Nitrosodimethylamine	3.398	42	371636	48.687	ng	99
6) Aniline	6.545	93	682044	47.650	ng	99
8) 2-Chlorophenol	6.669	128	543907	46.533	ng	95
9) Benzaldehyde	6.428	77	395365	43.672	ng	98
10) Phenol	6.534	94	718188	45.959	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	579867	47.247	ng	98
12) 1,3-Dichlorobenzene	6.816	146	618773	46.226	ng	99
13) 1,4-Dichlorobenzene	6.898	146	619198	46.134	ng	98
14) 1,2-Dichlorobenzene	7.051	146	565204	45.616	ng	98
15) Benzyl Alcohol	7.022	79	493930	47.016	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1159160	46.825	ng	97
17) 2-Methylphenol	7.139	107	453545	46.818	ng	97
18) Hexachloroethane	7.386	117	229176	47.339	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	421238	45.556	ng	98
20) 3+4-Methylphenols	7.292	107	520268	46.222	ng	96
22) Acetophenone	7.292	105	734837	45.262	ng	99
24) Nitrobenzene	7.469	77	673973	48.101	ng	96
25) Isophorone	7.704	82	1192023	46.927	ng	99
26) 2-Nitrophenol	7.775	139	305814	50.601	ng	98
27) 2,4-Dimethylphenol	7.816	122	366847	47.427	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	711717	46.549	ng	99
29) 2,4-Dichlorophenol	8.022	162	468680	47.177	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	532826	46.128	ng	99
31) Naphthalene	8.180	128	1648363	45.563	ng	99
32) Benzoic acid	7.957	122	355485m	50.279	ng	
33) 4-Chloroaniline	8.228	127	593846	47.001	ng	99
34) Hexachlorobutadiene	8.292	225	324755	46.827	ng	99
35) Caprolactam	8.622	113	146502	46.699	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	495235	46.800	ng	98
37) 2-Methylnaphthalene	8.869	142	1056895	45.203	ng	99
38) 1-Methylnaphthalene	8.969	142	1024986	45.203	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	489061	46.381	ng	99
41) Hexachlorocyclopentadiene	9.022	237	167944	54.109	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	324320	48.337	ng	100

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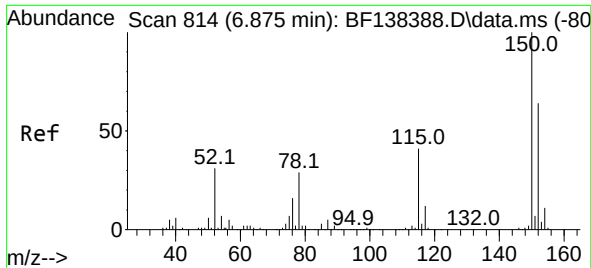
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 06/29/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	349933	47.956	ng	97
46) 1,1'-Biphenyl	9.339	154	1293814	45.455	ng	99
47) 2-Chloronaphthalene	9.363	162	1006180	46.363	ng	99
48) 2-Nitroaniline	9.457	65	345587	49.366	ng	97
49) Acenaphthylene	9.774	152	1404620	46.020	ng	100
50) Dimethylphthalate	9.639	163	1128168	46.048	ng	100
51) 2,6-Dinitrotoluene	9.704	165	265520	48.390	ng	88
52) Acenaphthene	9.951	154	966293	46.236	ng	99
53) 3-Nitroaniline	9.874	138	262837	48.500	ng	92
54) 2,4-Dinitrophenol	9.974	184	103735	48.637	ng	# 87
55) Dibenzofuran	10.122	168	1303911	45.282	ng	98
56) 4-Nitrophenol	10.033	139	178844	50.898	ng	89
57) 2,4-Dinitrotoluene	10.104	165	332598	49.229	ng	95
58) Fluorene	10.463	166	1000977	43.748	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	262578	48.447	ng	100
60) Diethylphthalate	10.333	149	1058183	46.196	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	505018	43.502	ng	97
62) 4-Nitroaniline	10.486	138	247402	49.737	ng	98
63) Azobenzene	10.616	77	1131667	46.780	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	162101	50.130	ng	83
66) n-Nitrosodiphenylamine	10.574	169	856241	45.937	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	302696	46.903	ng	93
68) Hexachlorobenzene	11.010	284	329137	46.271	ng	93
69) Atrazine	11.098	200	234731	44.914	ng	100
70) Pentachlorophenol	11.198	266	190069	52.778	ng	98
71) Phenanthrene	11.421	178	1367226	46.640	ng	99
72) Anthracene	11.474	178	1359218	46.494	ng	99
73) Carbazole	11.627	167	1147724	47.288	ng	100
74) Di-n-butylphthalate	11.957	149	1468848	47.754	ng	100
75) Fluoranthene	12.610	202	1230213	46.810	ng	99
77) Benzidine	12.727	184	120950	63.503	ng	99
78) Pyrene	12.839	202	1188034	46.668	ng	99
80) Butylbenzylphthalate	13.451	149	390864	50.457	ng	98
81) Benzo(a)anthracene	14.021	228	737924	48.133	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	222486	49.154	ng	98
83) Chrysene	14.057	228	714367	47.886	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	478611	49.266	ng	# 98
85) Di-n-octyl phthalate	14.621	149	845611	49.730	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	783031	50.949	ng	99
88) Benzo(b)fluoranthene	15.068	252	815776	48.609	ng	97
89) Benzo(k)fluoranthene	15.104	252	713604	46.165	ng	99
90) Benzo(a)pyrene	15.439	252	706132	48.004	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	626461	50.497	ng	99
92) Benzo(g,h,i)perylene	17.421	276	619777	51.068	ng	99

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



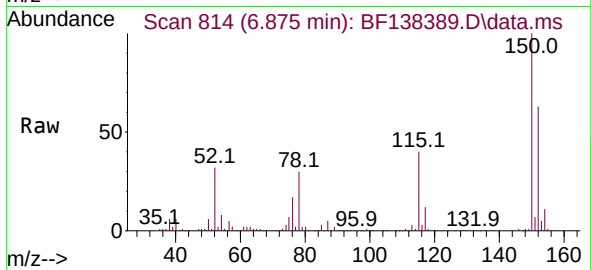
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

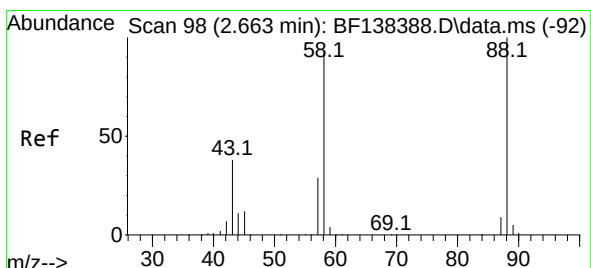
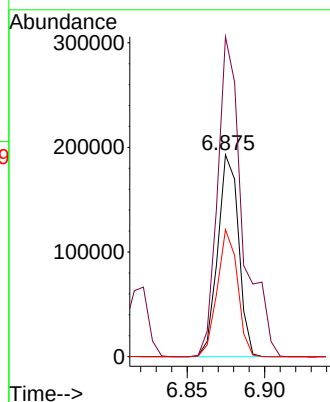
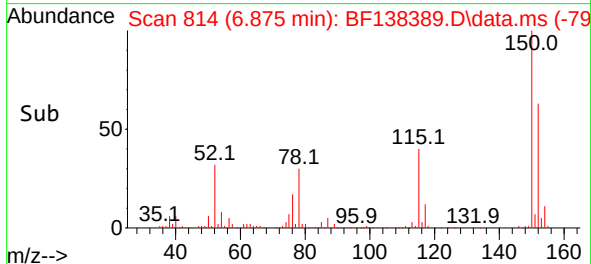


Tgt Ion:152 Resp: 18052
Ion Ratio Lower Upper
152 100
150 158.4 124.9 187.3
115 62.9 50.8 76.2

Manual Integrations

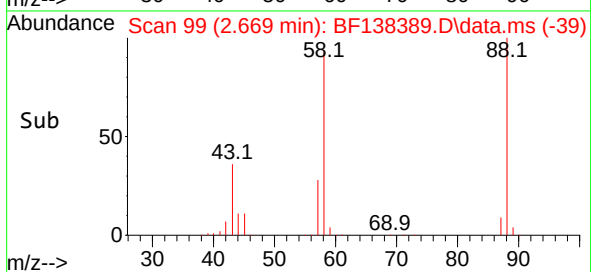
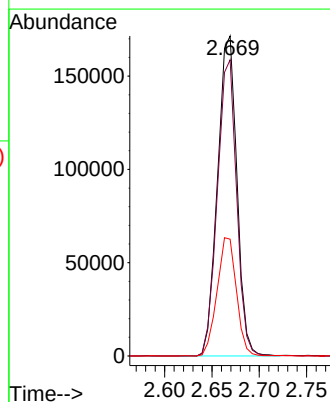
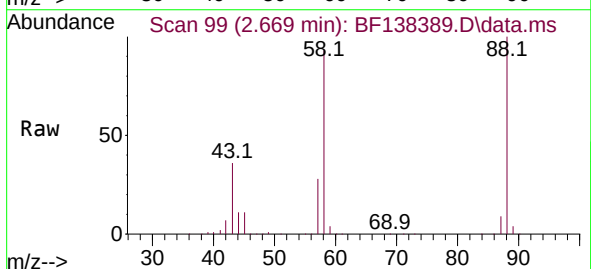
APPROVED

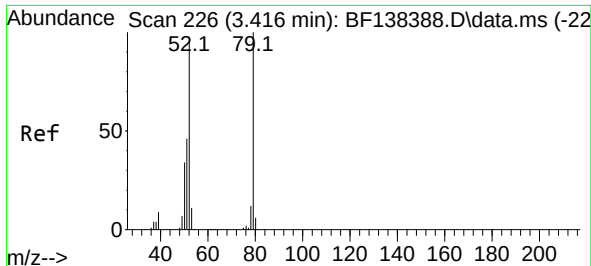
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#2
1,4-Dioxane
Concen: 47.557 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion: 88 Resp: 243905
Ion Ratio Lower Upper
88 100
58 92.0 73.7 110.5
43 37.1 30.1 45.1





#3

Pyridine

Concen: 49.018 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 59974

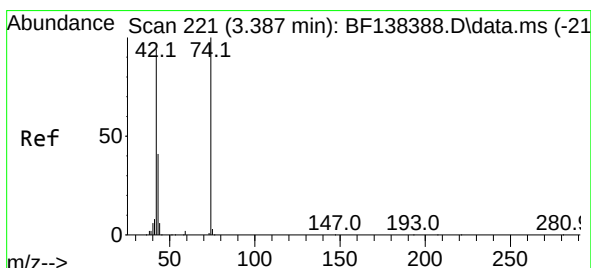
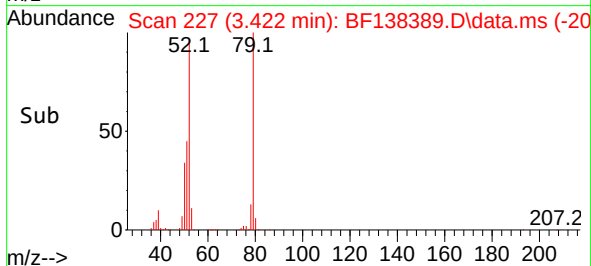
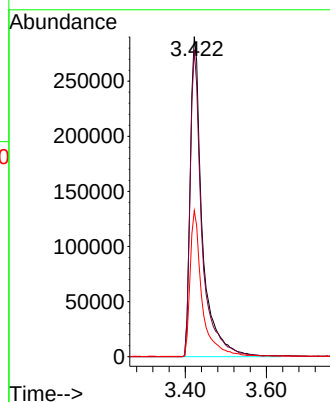
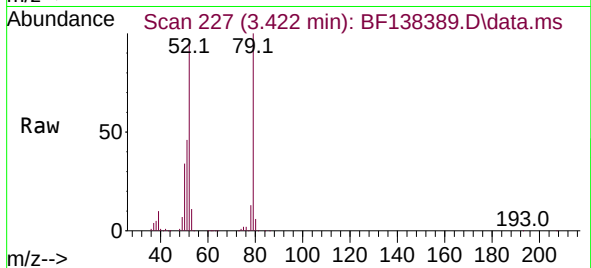
Ion	Ratio	Lower	Upper
79	100		
52	95.9	76.2	114.2
51	45.6	36.7	55.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#4

n-Nitrosodimethylamine

Concen: 48.687 ng

RT: 3.398 min Scan# 223

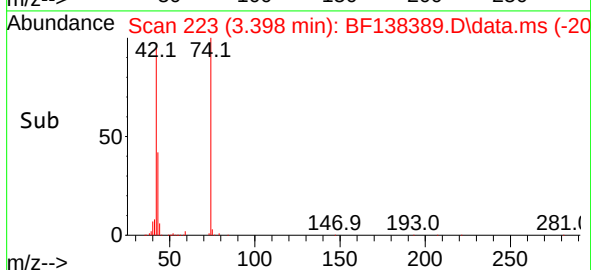
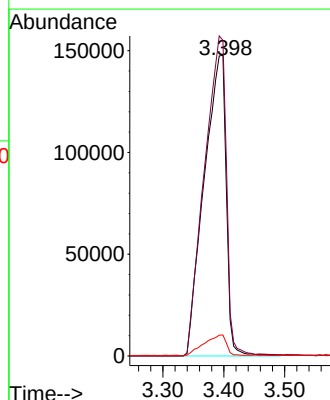
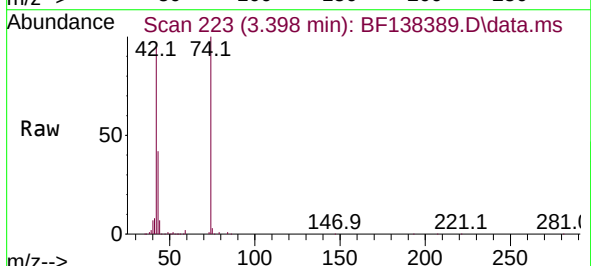
Delta R.T. 0.012 min

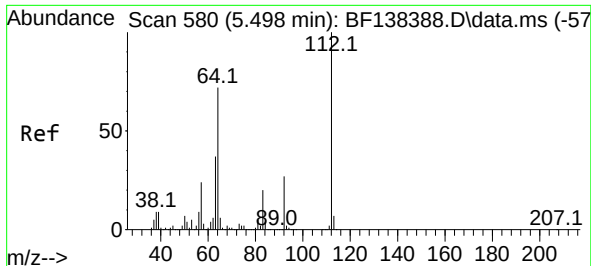
Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

Tgt Ion: 42 Resp: 371636

Ion	Ratio	Lower	Upper
42	100		
74	105.0	85.1	127.7
44	7.0	5.5	8.3





#5
2-Fluorophenol
Concen: 92.089 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

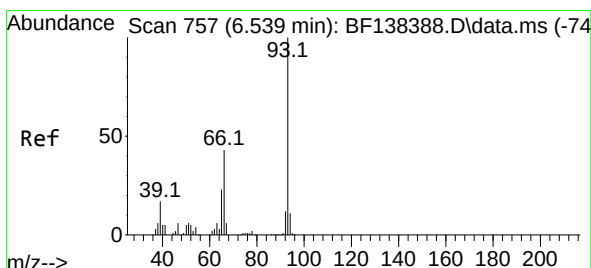
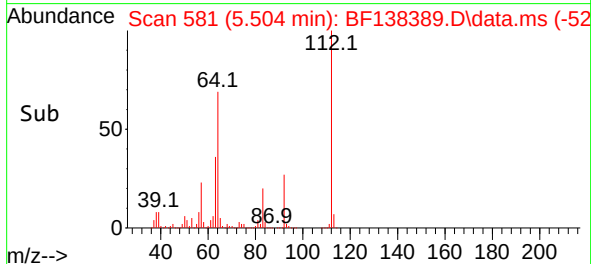
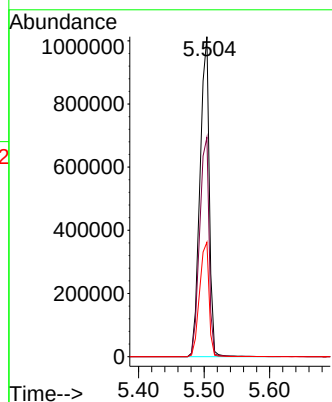
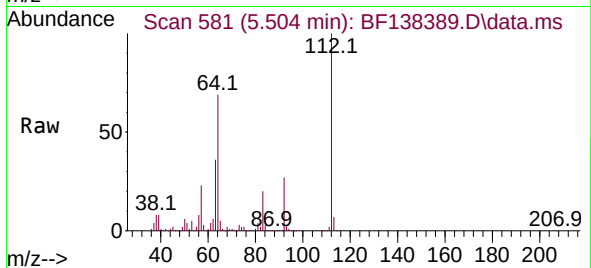
SSTDICC050

Tgt Ion:112 Resp: 100268
Ion Ratio Lower Upper
112 100
64 68.6 57.2 85.8
63 35.7 29.4 44.0

Manual Integrations

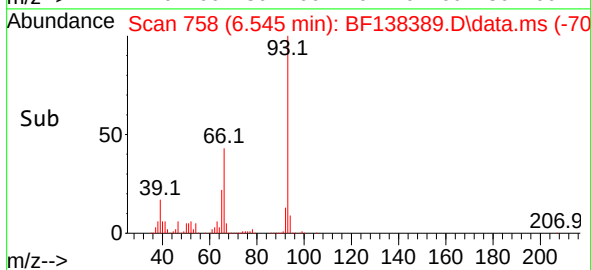
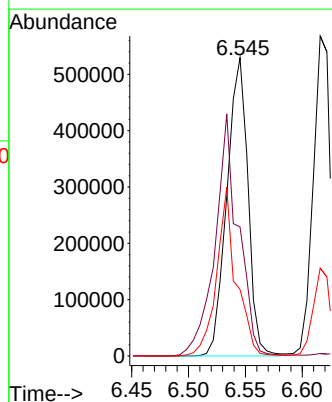
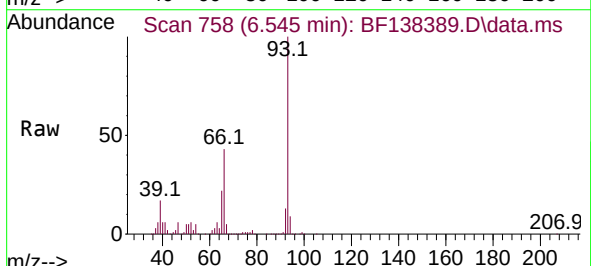
APPROVED

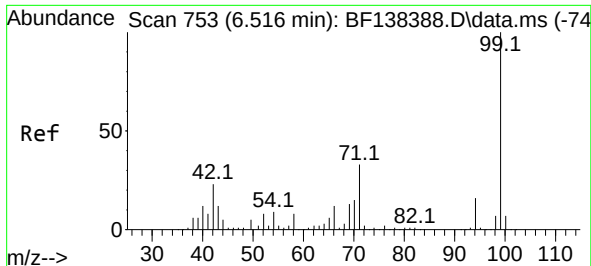
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#6
Aniline
Concen: 47.650 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion: 93 Resp: 682044
Ion Ratio Lower Upper
93 100
66 43.3 34.7 52.1
65 22.3 18.5 27.7





#7
Phenol-d6
Concen: 92.700 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

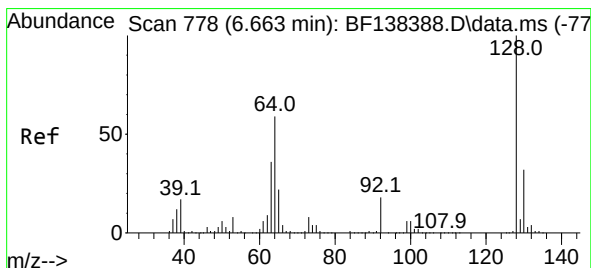
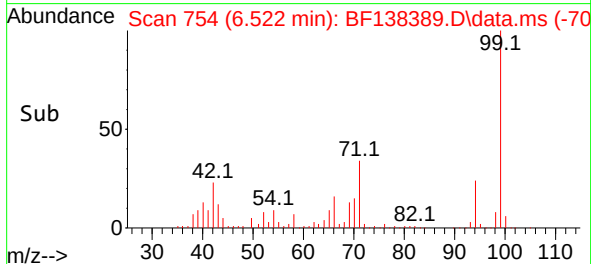
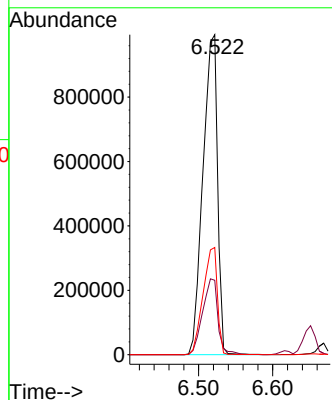
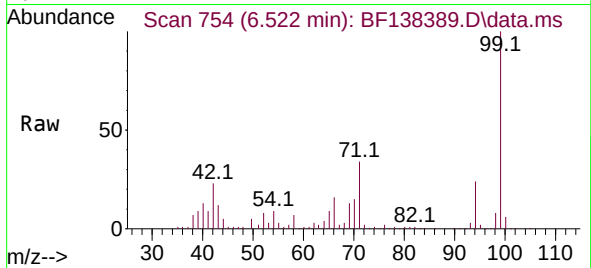
SSTDICC050

Tgt Ion: 99 Resp: 1359680
Ion Ratio Lower Upper
99 100
42 23.2 18.5 27.7
71 33.5 26.1 39.1

Manual Integrations

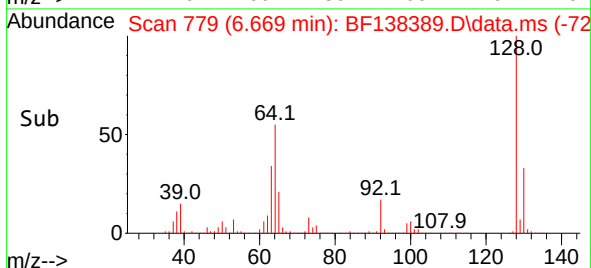
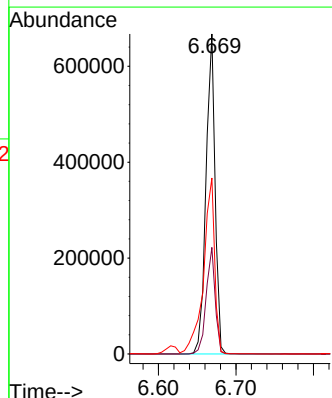
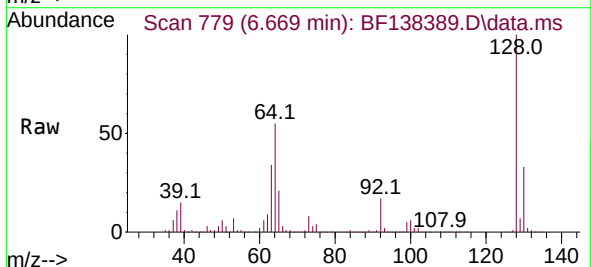
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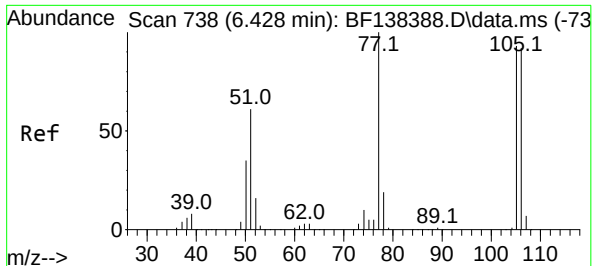
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#8
2-Chlorophenol
Concen: 46.533 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:128 Resp: 543907
Ion Ratio Lower Upper
128 100
130 33.3 12.3 52.3
64 55.0 39.6 79.6





#9
Benzaldehyde
Concen: 43.672 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

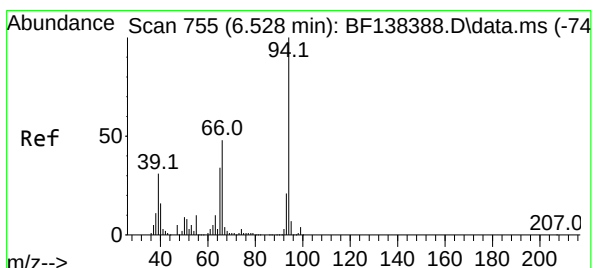
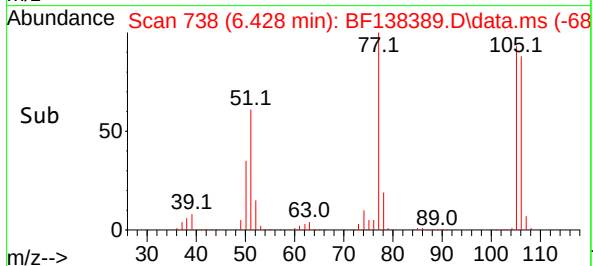
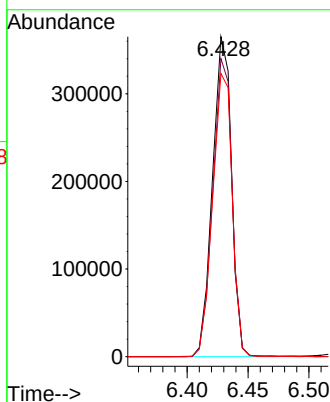
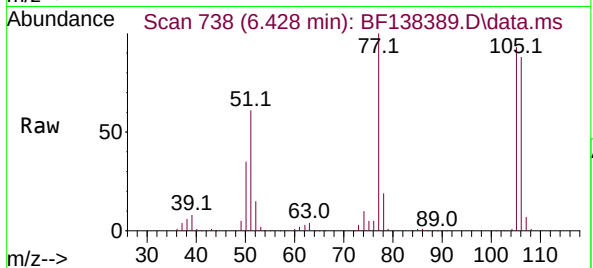
ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 39536
Ion Ratio Lower Upper
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105 93.1 73.2 113.2
106 88.5 71.5 111.5

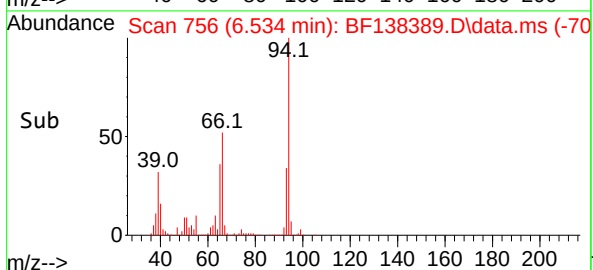
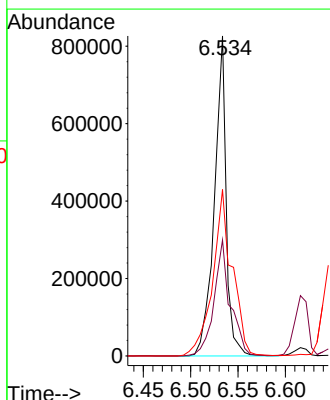
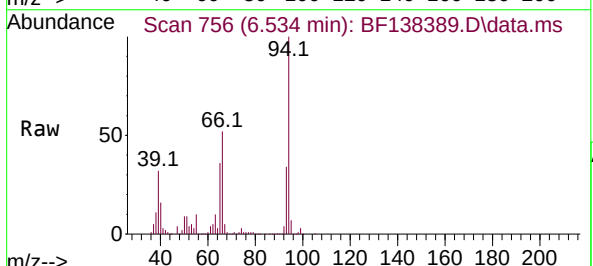
Manual Integrations
APPROVED

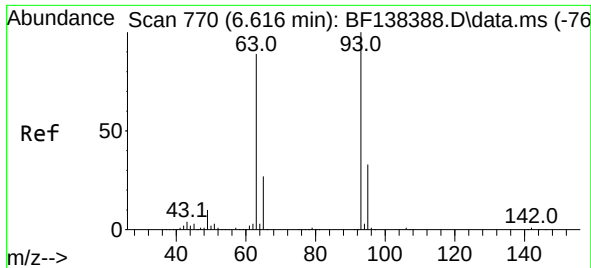
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#10
Phenol
Concen: 45.959 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion: 94 Resp: 718188
Ion Ratio Lower Upper
94 100
65 36.2 14.2 54.2
66 52.0 27.9 67.9





#11
bis(2-Chloroethyl)ether
Concen: 47.247 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

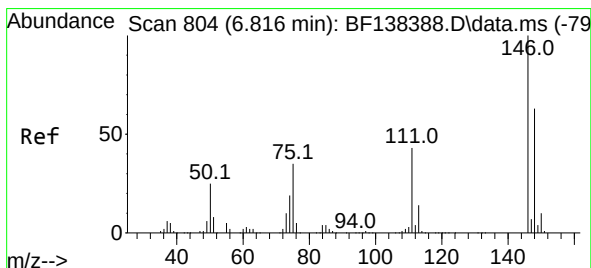
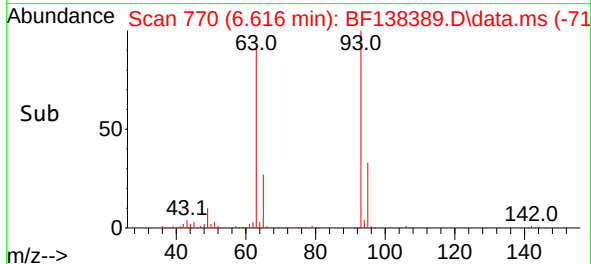
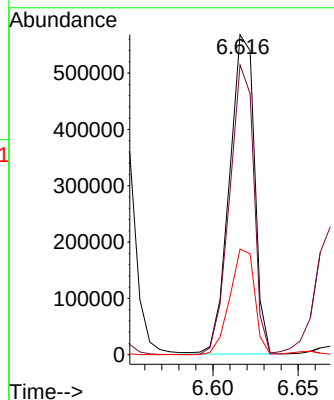
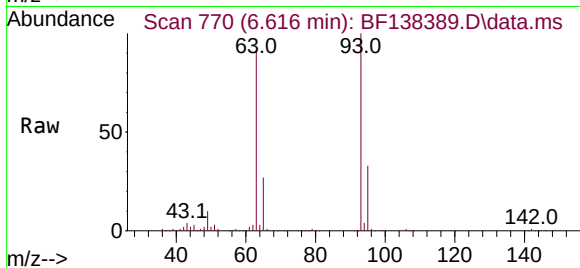
ClientSampleId :

SSTDIC050

Tgt Ion: 93 Resp: 57986
Ion Ratio Lower Upper
93 100
63 90.6 68.2 108.2
95 33.0 12.4 52.4

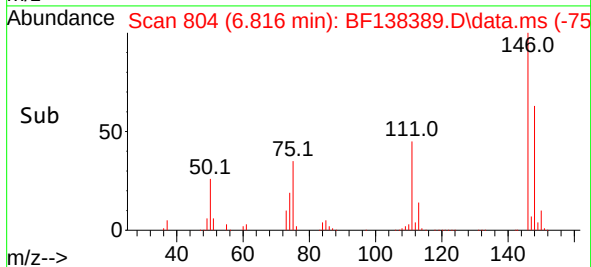
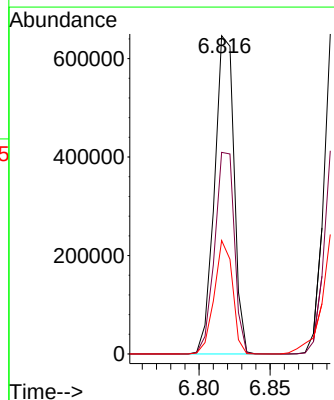
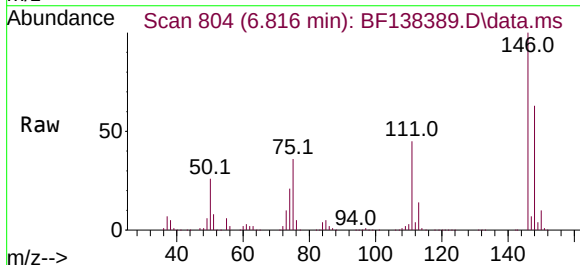
Manual Integrations
APPROVED

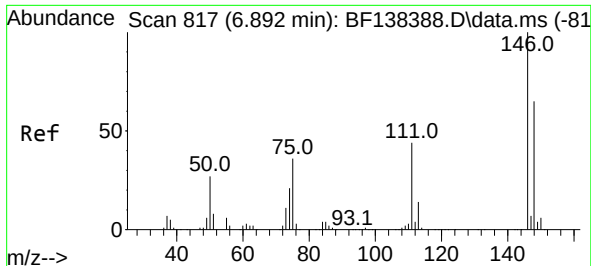
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#12
1,3-Dichlorobenzene
Concen: 46.226 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

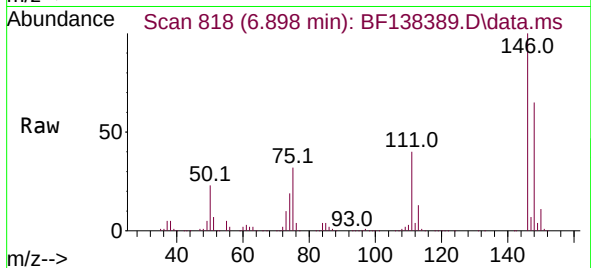
Tgt Ion:146 Resp: 618773
Ion Ratio Lower Upper
146 100
148 63.4 50.3 75.5
75 35.7 27.8 41.6





#13
1,4-Dichlorobenzene
Concen: 46.134 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

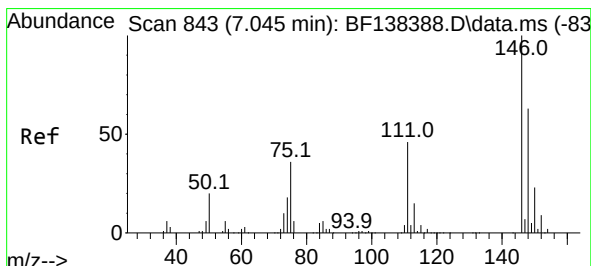
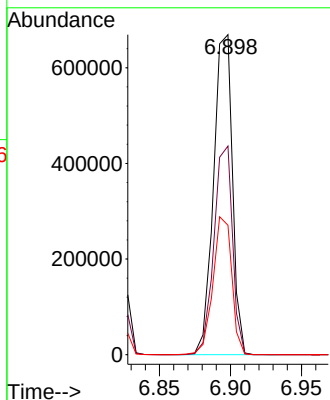
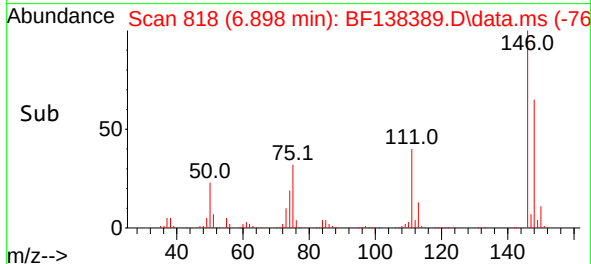
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



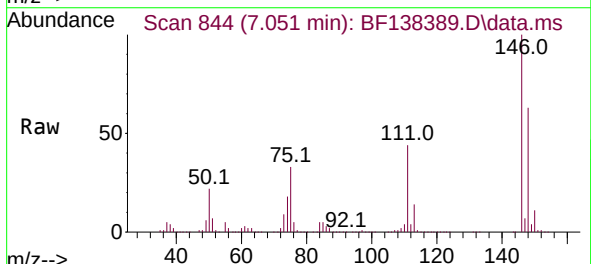
Tgt Ion:146 Resp: 619198
Ion Ratio Lower Upper
146 100
148 65.2 52.0 78.0
111 40.5 35.4 53.0

Manual Integrations
APPROVED

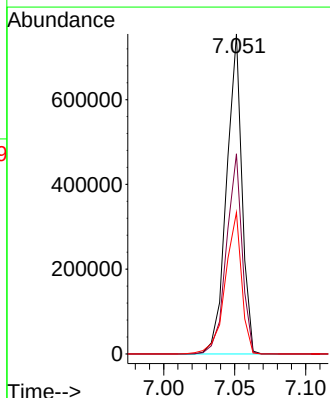
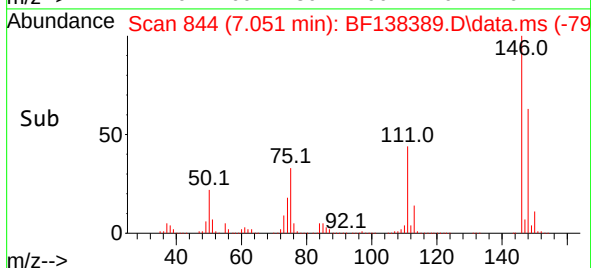
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

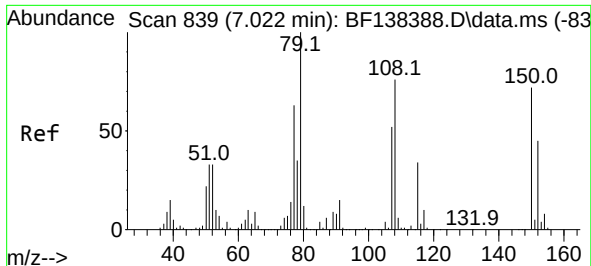


#14
1,2-Dichlorobenzene
Concen: 45.616 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30



Tgt Ion:146 Resp: 565204
Ion Ratio Lower Upper
146 100
148 62.6 50.3 75.5
111 44.2 37.1 55.7





#15

Benzyl Alcohol

Concen: 47.016 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 493930

Ion Ratio Lower Upper

79 100

108 73.8 60.9 91.3

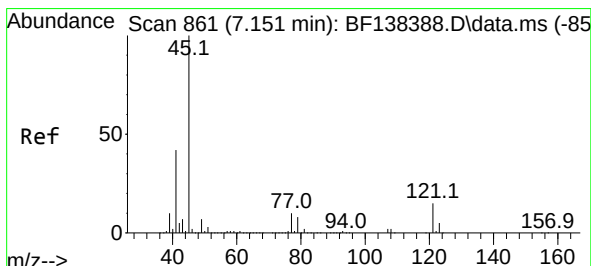
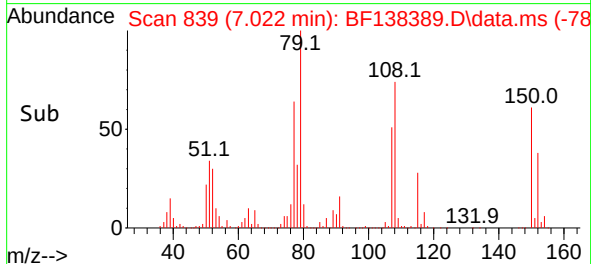
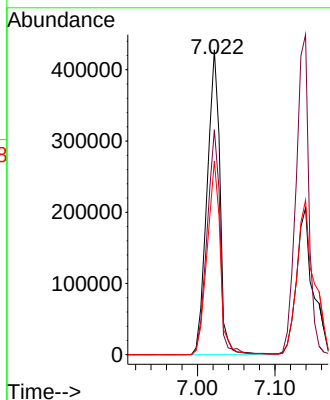
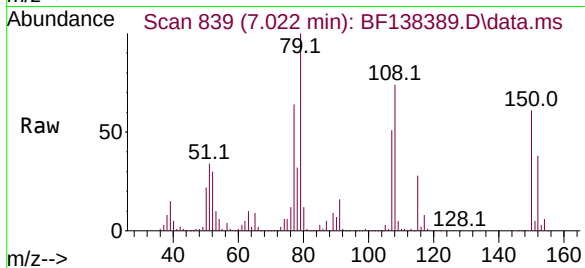
77 63.6 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.825 ng

RT: 7.151 min Scan# 861

Delta R.T. -0.000 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

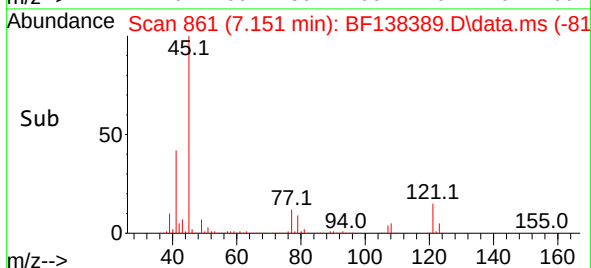
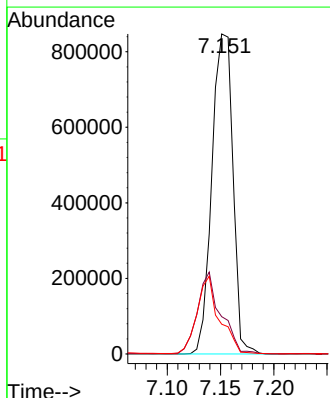
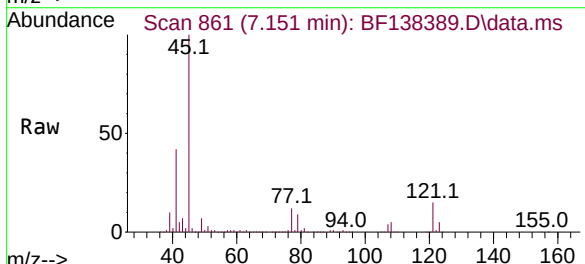
Tgt Ion: 45 Resp: 1159160

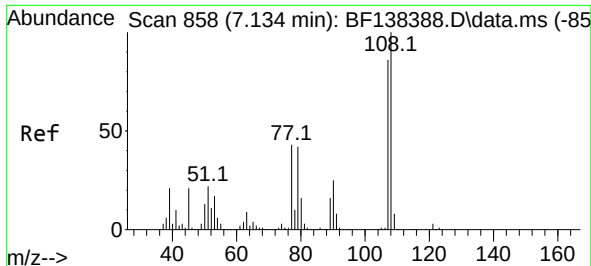
Ion Ratio Lower Upper

45 100

77 11.7 0.0 30.4

79 9.3 0.0 28.1





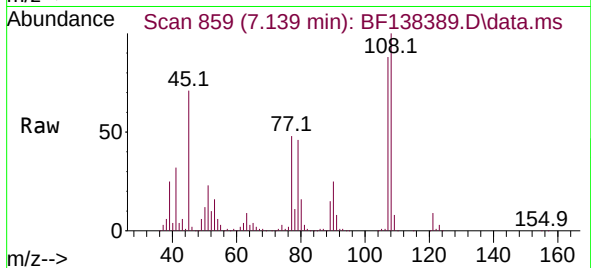
#17
2-Methylphenol
Concen: 46.818 ng
RT: 7.139 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

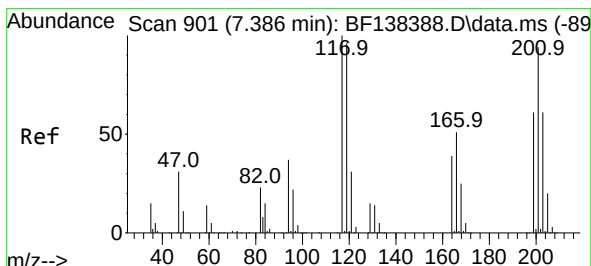
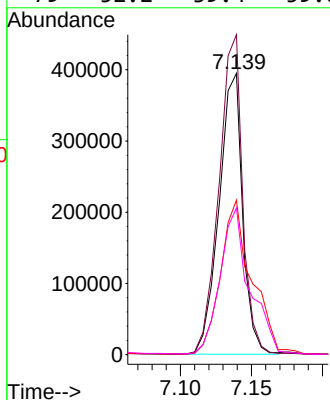
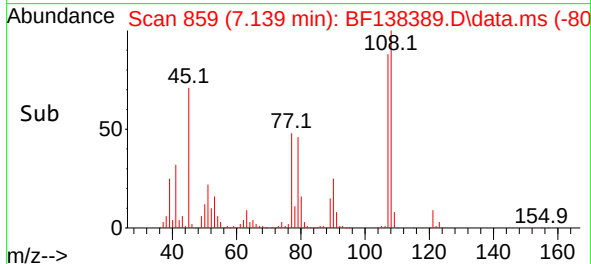


Tgt Ion:107 Resp: 453549
Ion Ratio Lower Upper
107 100
108 113.8 92.6 138.8
77 55.0 40.3 60.5
79 52.2 39.4 59.0

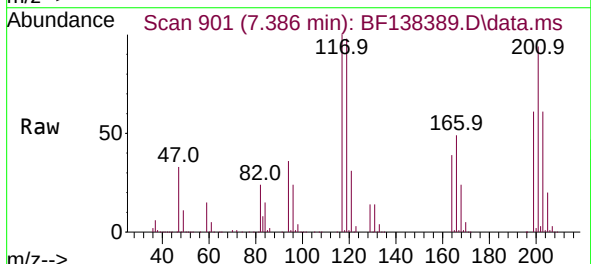
Manual Integrations

APPROVED

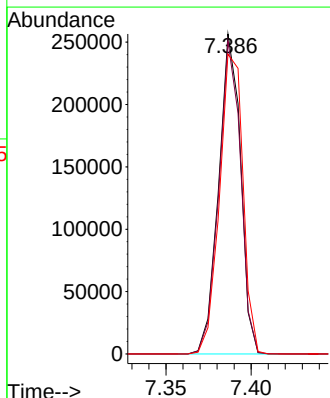
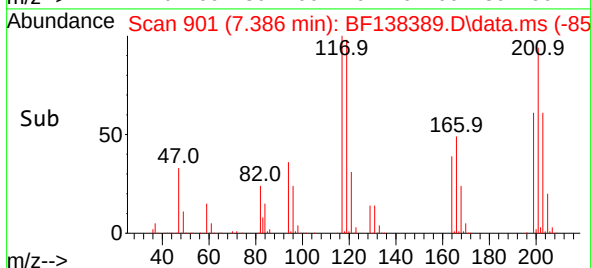
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

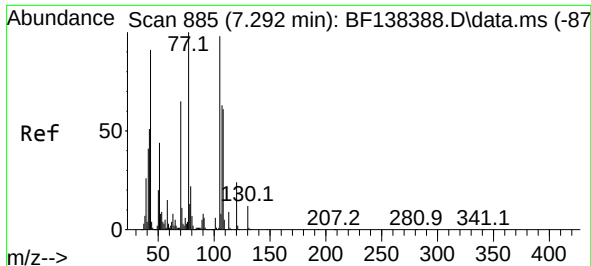


#18
Hexachloroethane
Concen: 47.339 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30



Tgt Ion:117 Resp: 229176
Ion Ratio Lower Upper
117 100
119 97.7 77.1 115.7
201 93.7 75.6 113.4





#19
n-Nitroso-di-n-propylamine
Concen: 45.556 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

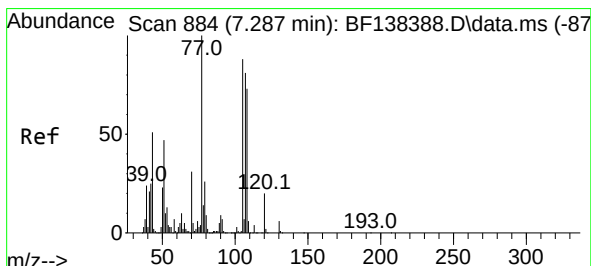
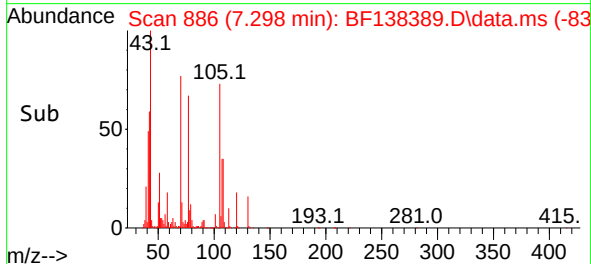
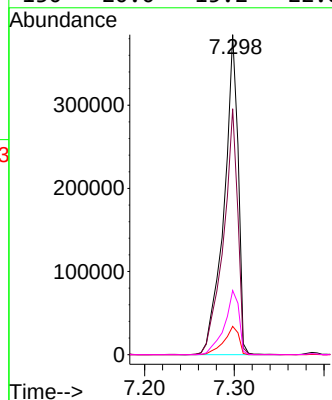
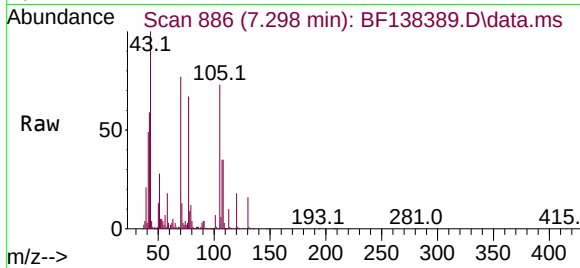
SSTDICC050

Tgt Ion: 70 Resp: 421238
Ion Ratio Lower Upper
70 100
42 76.9 62.5 93.7
101 8.9 7.0 10.4
130 20.0 15.2 22.8

Manual Integrations

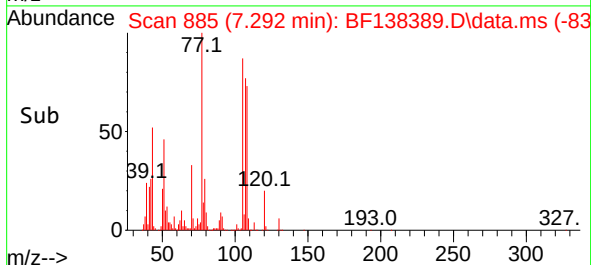
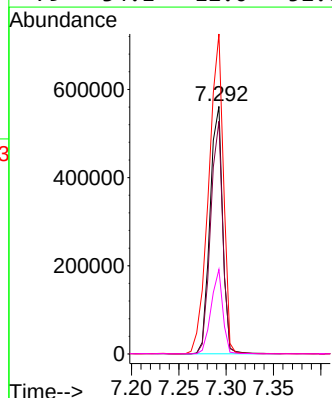
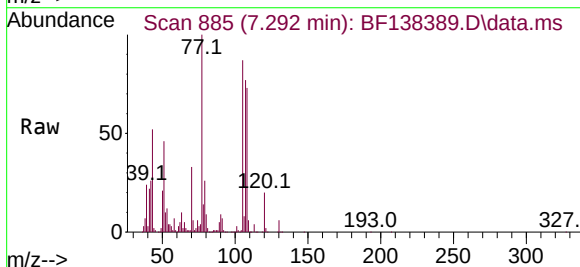
APPROVED

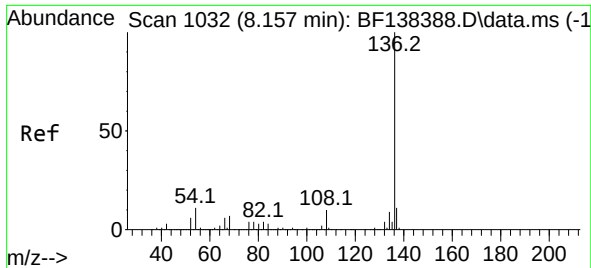
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#20
3+4-Methylphenols
Concen: 46.222 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.005 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:107 Resp: 520268
Ion Ratio Lower Upper
107 100
108 94.0 70.8 110.8
77 129.3 104.0 144.0
79 34.1 12.0 52.0





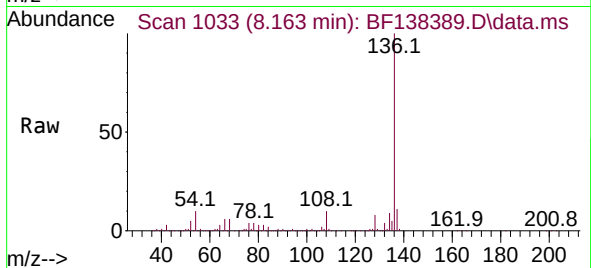
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

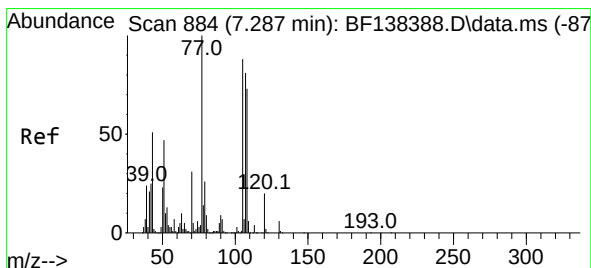
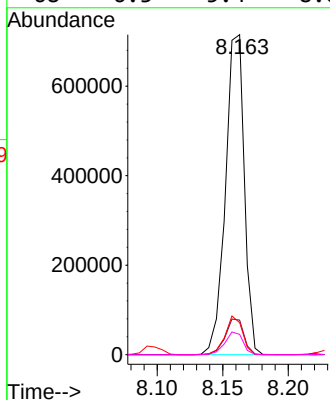
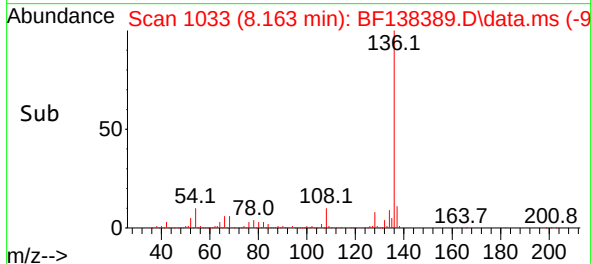


Tgt Ion:136 Resp: 715630
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.0 9.0 13.4
68 6.3 5.4 8.0

Manual Integrations

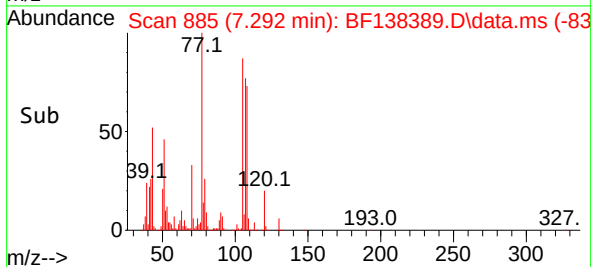
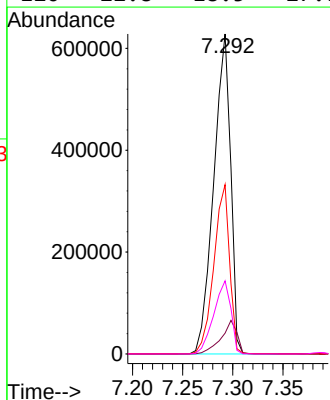
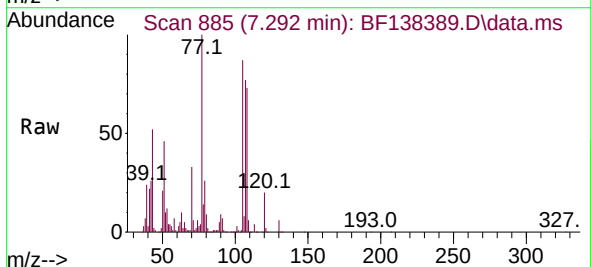
APPROVED

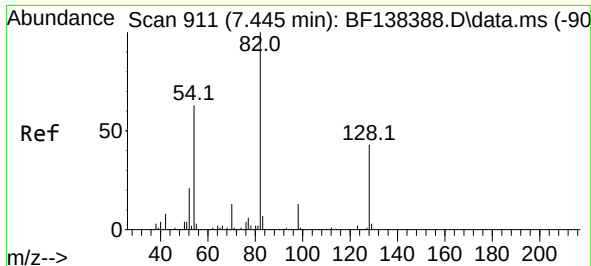
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#22
Acetophenone
Concen: 45.262 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:105 Resp: 734837
Ion Ratio Lower Upper
105 100
71 6.5 4.7 7.1
51 52.9 43.2 64.8
120 22.8 18.5 27.7





#23

Nitrobenzene-d5

Concen: 95.199 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 131146

Ion Ratio Lower Upper

82 100

128 42.4 34.6 52.0

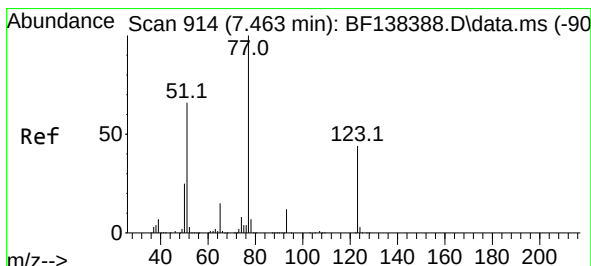
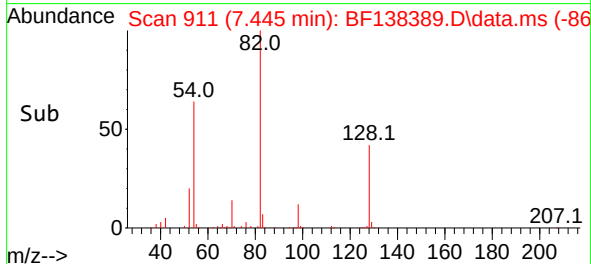
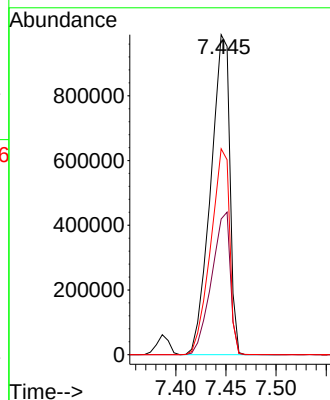
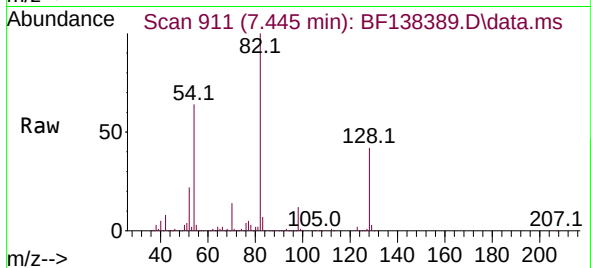
54 64.3 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#24

Nitrobenzene

Concen: 48.101 ng

RT: 7.469 min Scan# 915

Delta R.T. 0.006 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

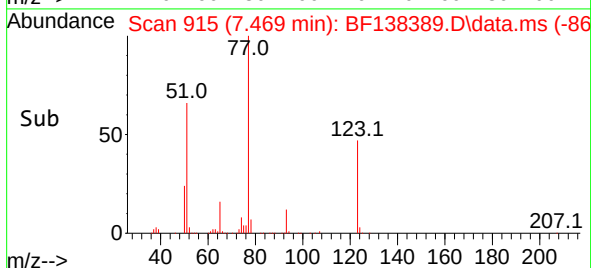
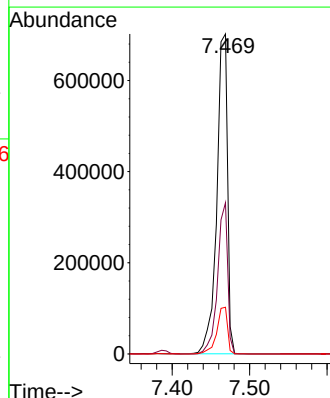
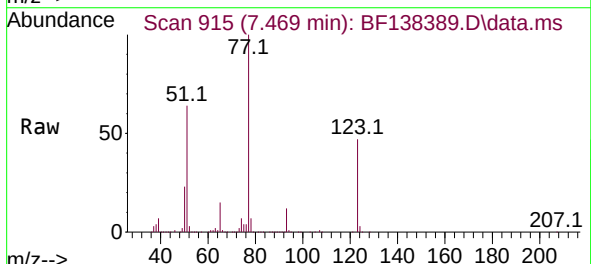
Tgt Ion: 77 Resp: 673973

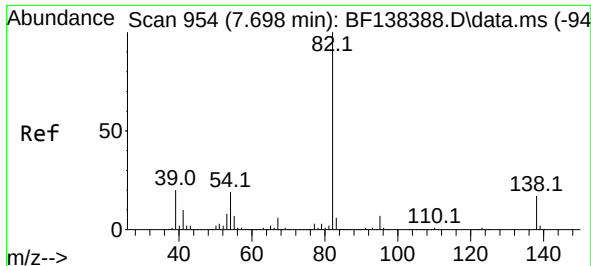
Ion Ratio Lower Upper

77 100

123 47.2 35.0 52.6

65 14.6 12.1 18.1





#25
Isophorone
Concen: 46.927 ng
RT: 7.704 min Scan# 954
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

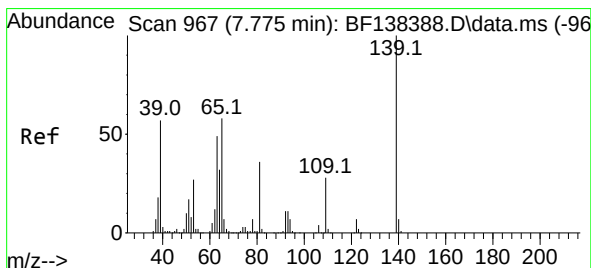
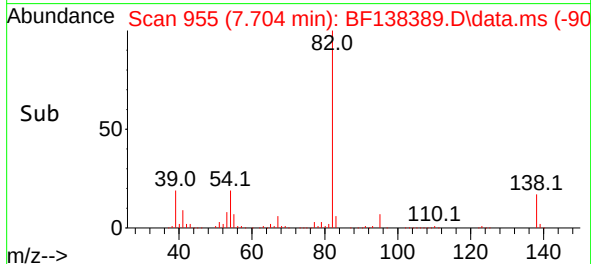
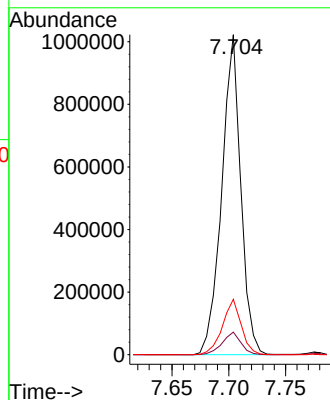
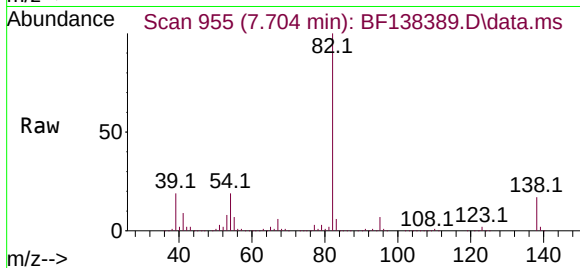
SSTDICC050

Tgt Ion: 82 Resp: 1192023
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 17.3 13.4 20.2

Manual Integrations

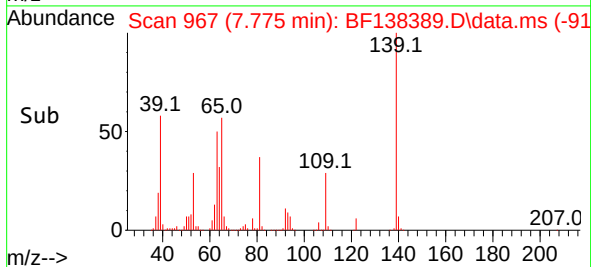
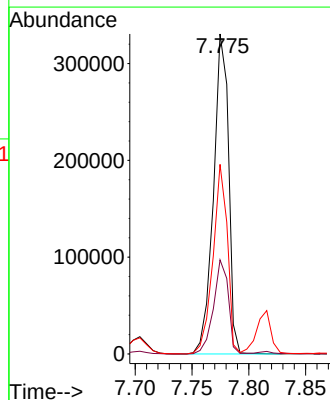
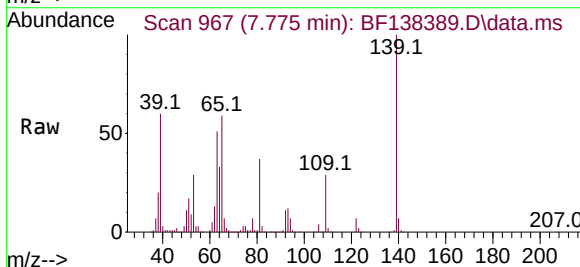
APPROVED

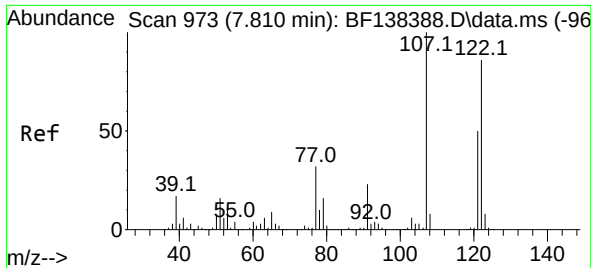
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#26
2-Nitrophenol
Concen: 50.601 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:139 Resp: 305814
Ion Ratio Lower Upper
139 100
109 29.4 22.5 33.7
65 59.3 46.2 69.2





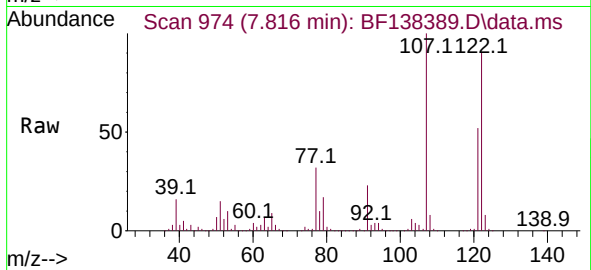
#27
2,4-Dimethylphenol
Concen: 47.427 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

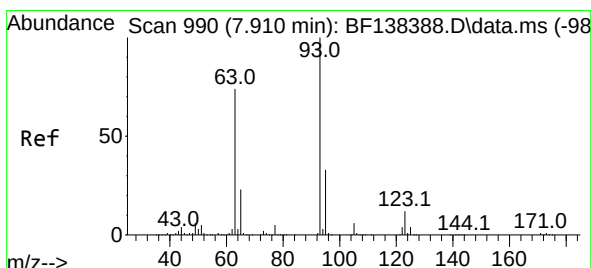
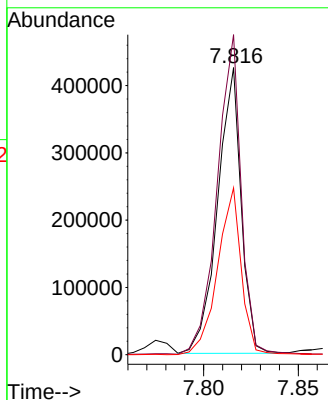
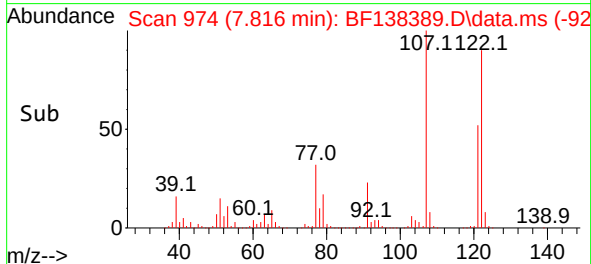


Tgt Ion:122 Resp: 36684
Ion Ratio Lower Upper
122 100
107 111.5 92.5 138.7
121 58.1 46.5 69.7

Manual Integrations

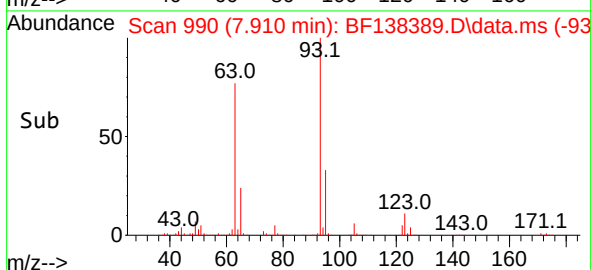
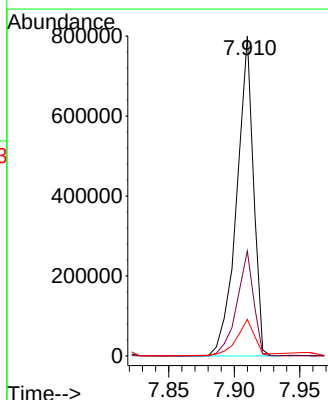
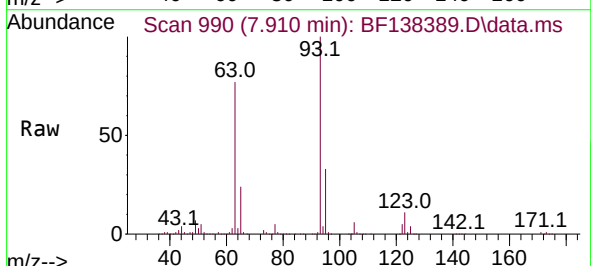
APPROVED

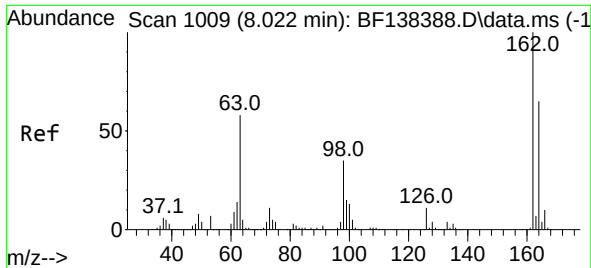
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.549 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion: 93 Resp: 711717
Ion Ratio Lower Upper
93 100
95 32.8 26.6 40.0
123 11.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 47.177 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF138389.D

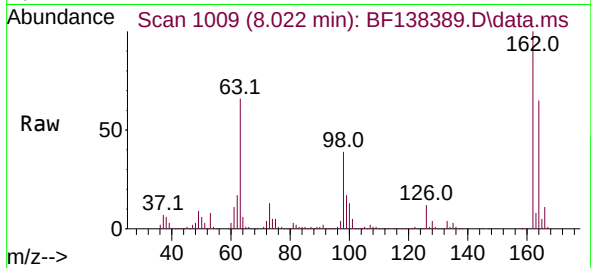
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 468680

Ion Ratio Lower Upper

162 100

164 64.5 45.4 85.4

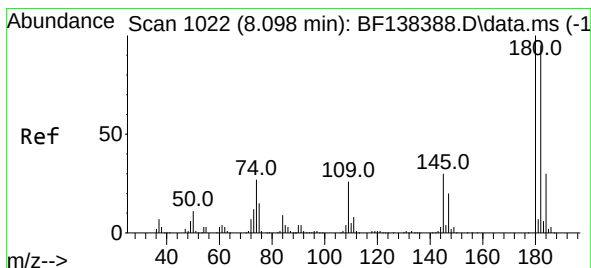
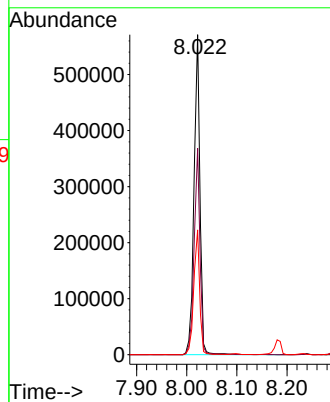
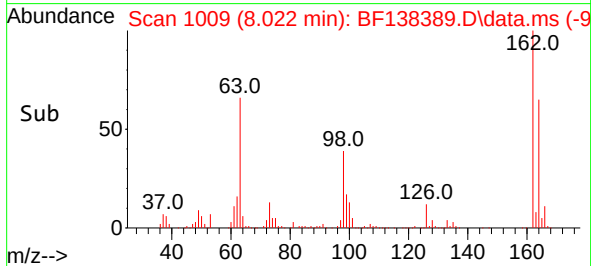
98 39.0 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.128 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

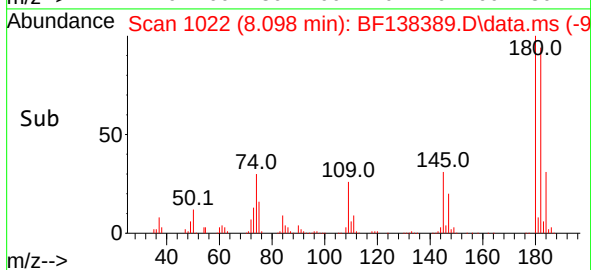
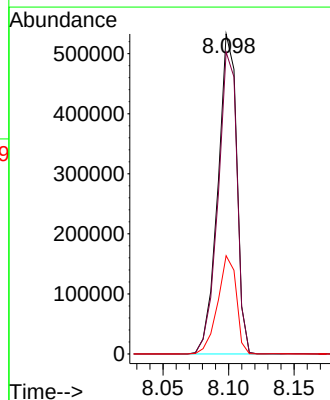
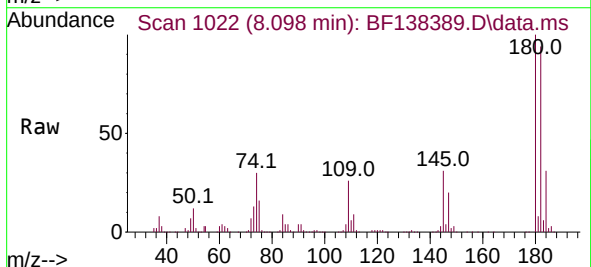
Tgt Ion:180 Resp: 532826

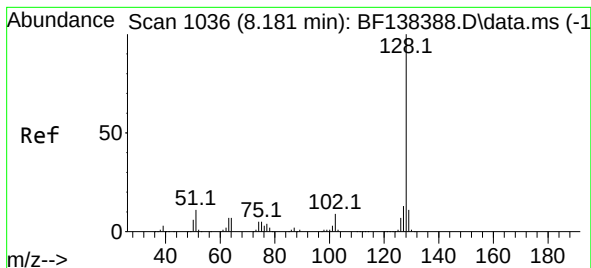
Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

145 30.7 24.2 36.2





#31
Naphthalene
Concen: 45.563 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

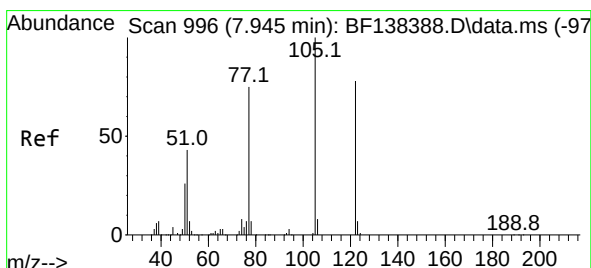
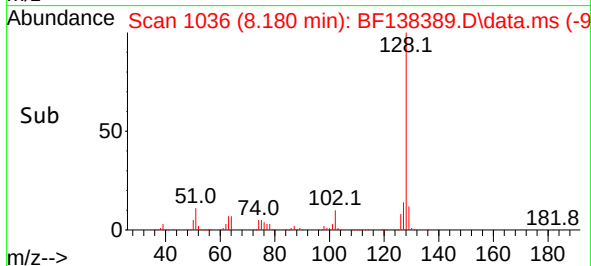
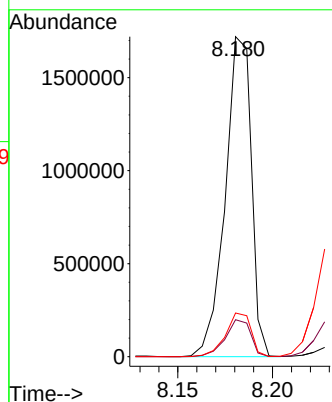
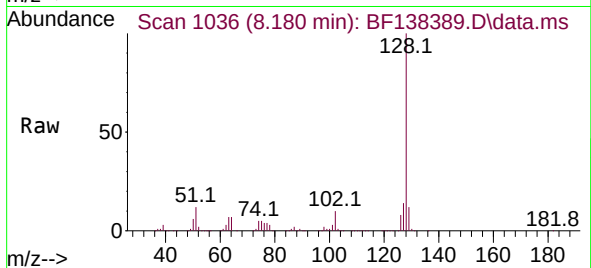
SSTDICC050

Tgt Ion:128 Resp: 164836
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.6 10.6 16.0

Manual Integrations

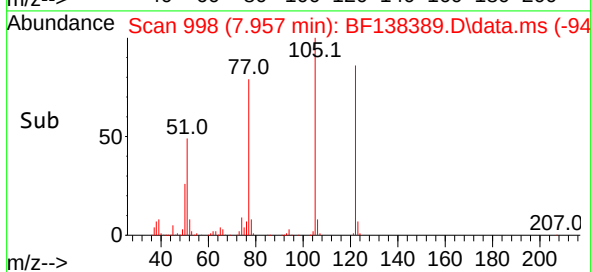
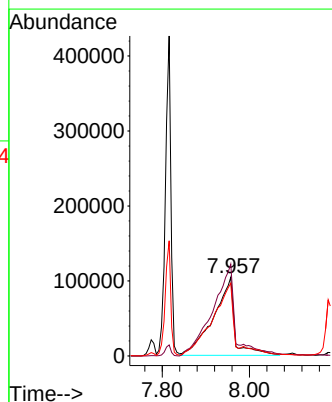
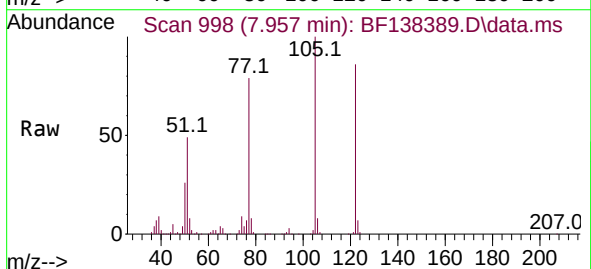
APPROVED

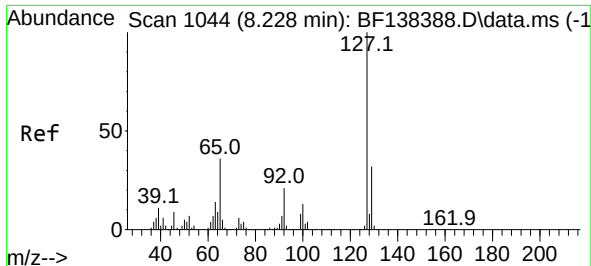
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#32
Benzoic acid
Concen: 50.279 ng m
RT: 7.957 min Scan# 998
Delta R.T. 0.012 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:122 Resp: 355485
Ion Ratio Lower Upper
122 100
105 116.9 103.8 143.8
77 92.8 74.3 114.3





#33
4-Chloroaniline
Concen: 47.001 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

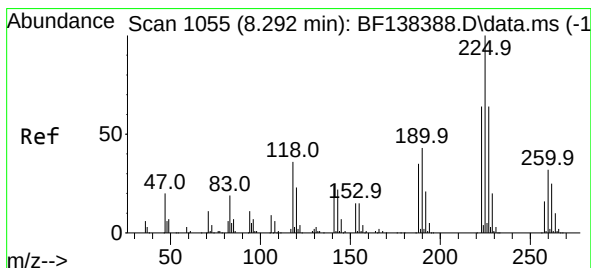
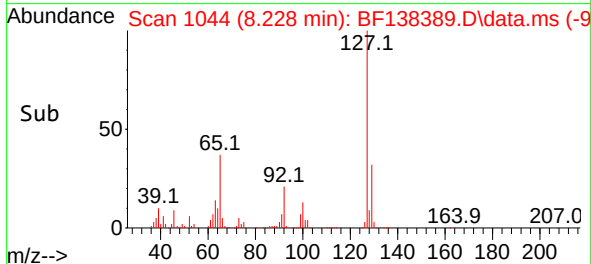
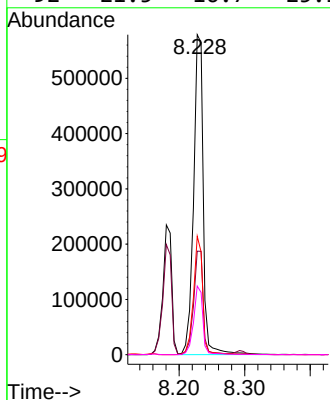
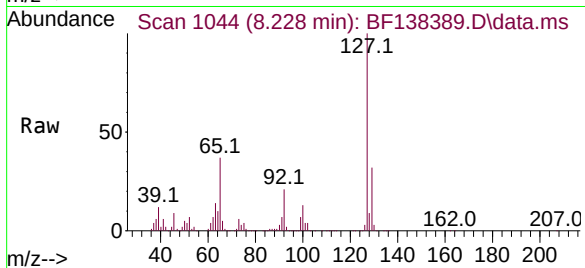
SSTDICC050

Tgt Ion:127 Resp: 593840
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.2
65 37.0 28.7 43.1
92 21.5 16.7 25.1

Manual Integrations

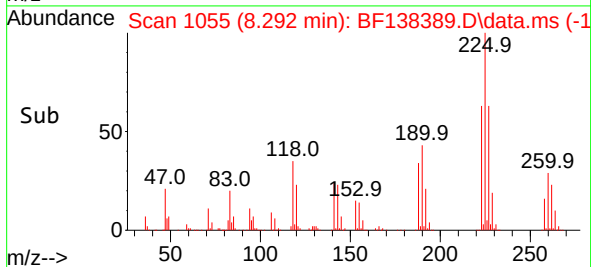
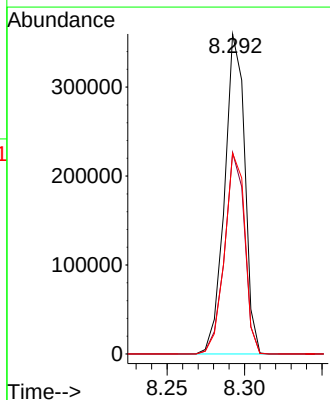
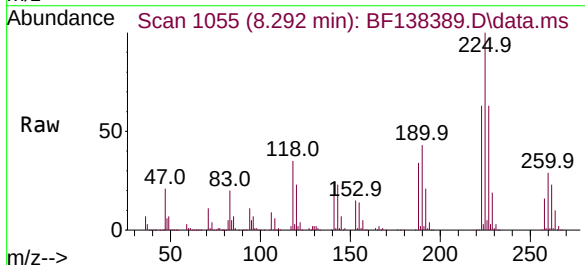
APPROVED

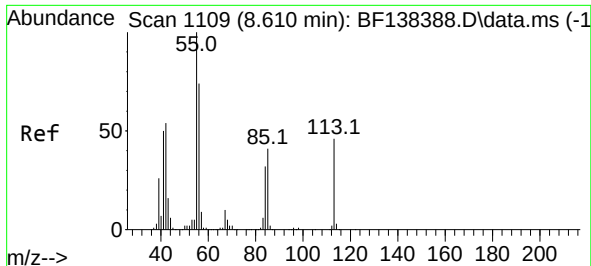
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#34
Hexachlorobutadiene
Concen: 46.827 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

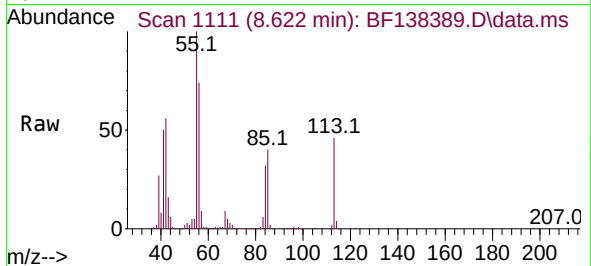
Tgt Ion:225 Resp: 324755
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.6
227 62.8 51.2 76.8





#35
Caprolactam
Concen: 46.699 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.012 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

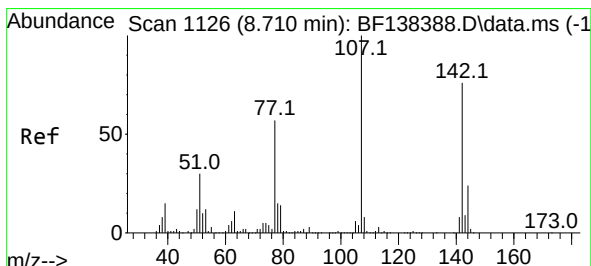
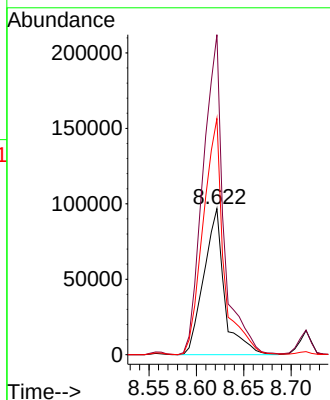
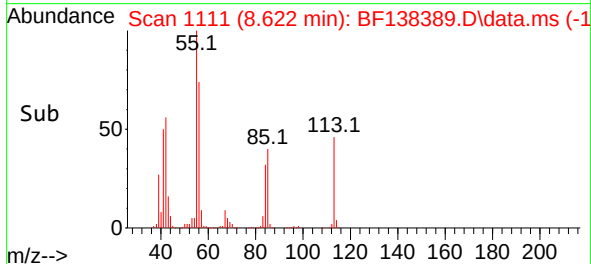
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 146502
Ion Ratio Lower Upper
113 100
55 219.1 195.9 235.9
56 161.7 138.7 178.7

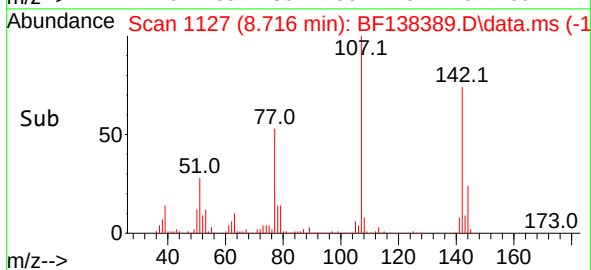
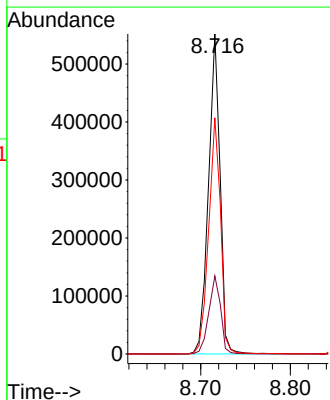
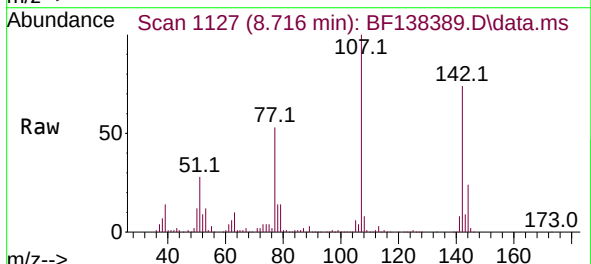
Manual Integrations
APPROVED

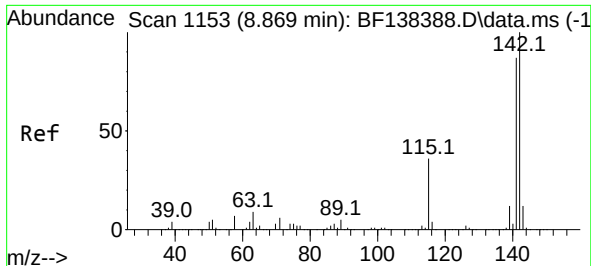
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#36
4-Chloro-3-methylphenol
Concen: 46.800 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:107 Resp: 495235
Ion Ratio Lower Upper
107 100
144 24.4 19.2 28.8
142 73.8 61.0 91.6





#37

2-Methylnaphthalene

Concen: 45.203 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:142 Resp: 105689

Ion Ratio Lower Upper

142 100

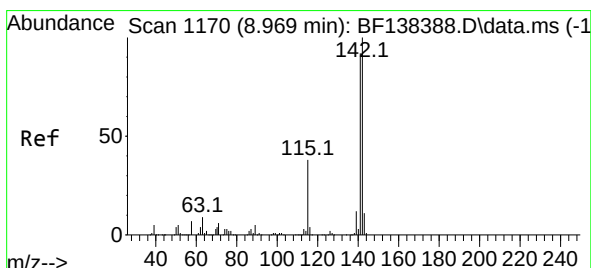
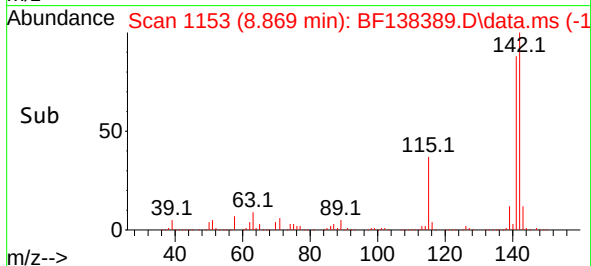
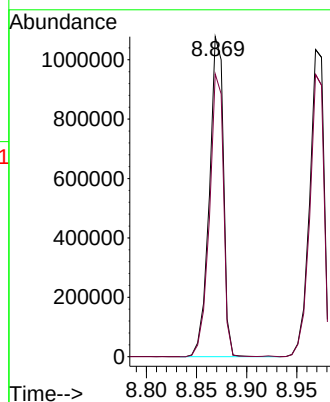
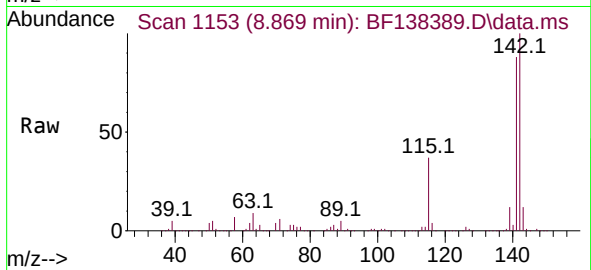
141 88.3 69.6 104.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#38

1-Methylnaphthalene

Concen: 45.203 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF138389.D

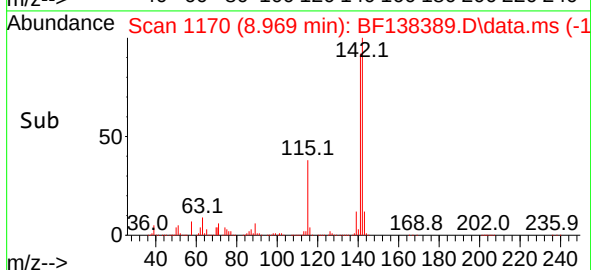
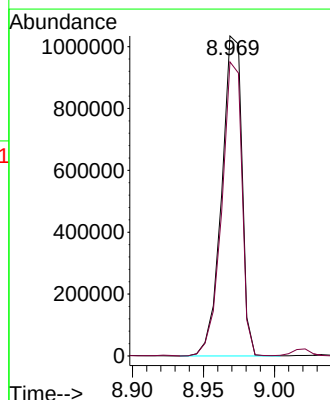
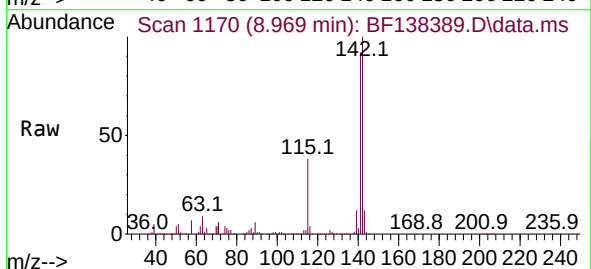
Acq: 28 Jun 2024 15:30

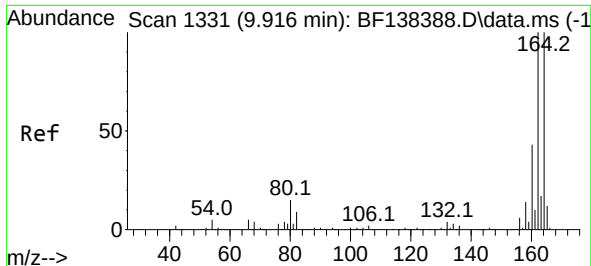
Tgt Ion:142 Resp: 1024986

Ion Ratio Lower Upper

142 100

141 91.9 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138389.D

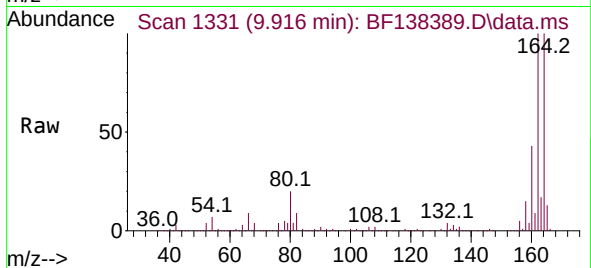
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 381215

Ion Ratio Lower Upper

164 100

162 100.0 80.1 120.1

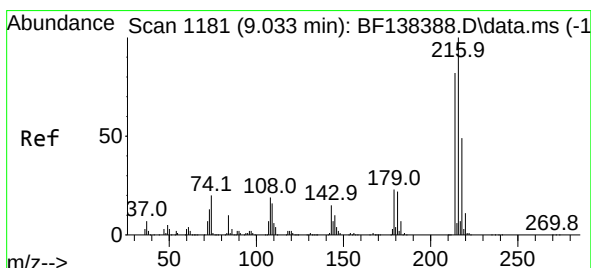
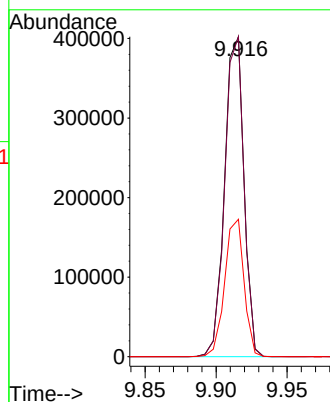
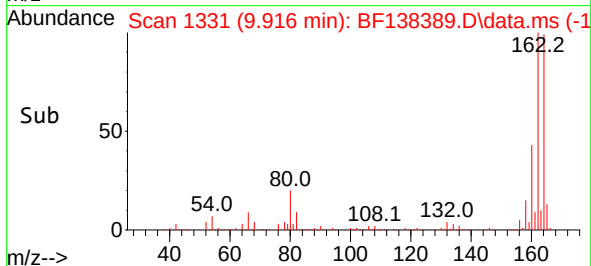
160 43.0 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.381 ng

RT: 9.033 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

Tgt Ion:216 Resp: 489061

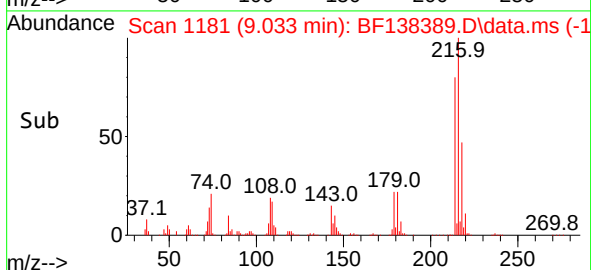
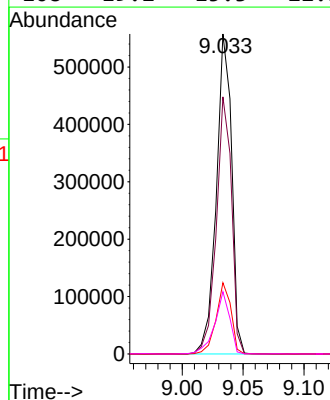
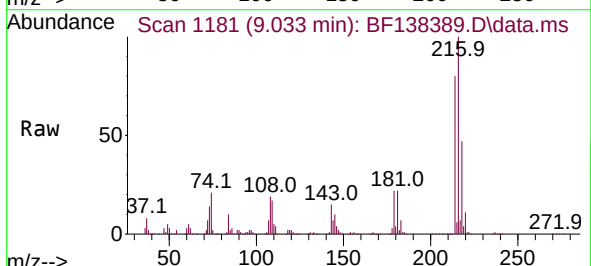
Ion Ratio Lower Upper

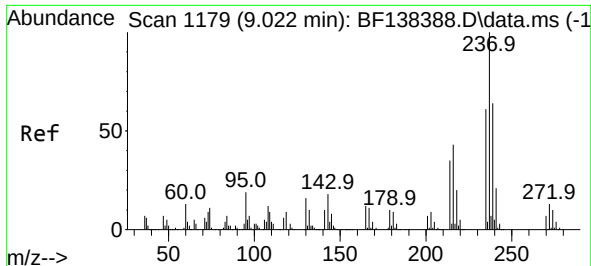
216 100

214 79.3 64.2 96.4

179 21.6 17.4 26.0

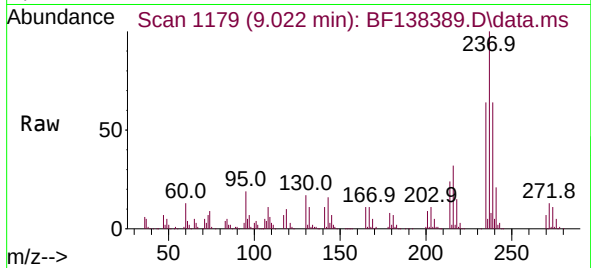
108 19.2 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 54.109 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

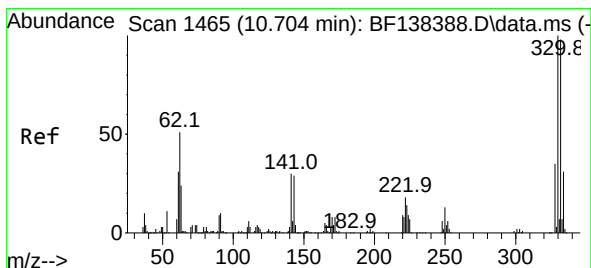
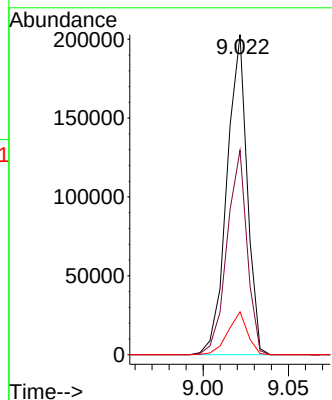
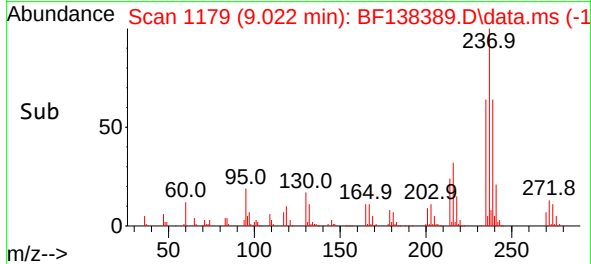
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



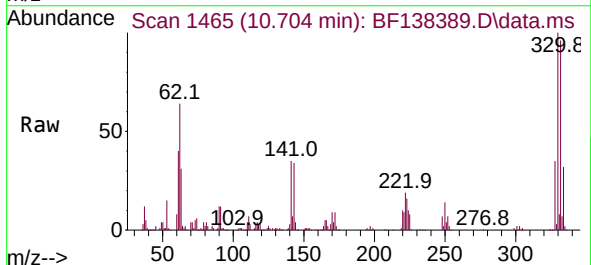
Tgt Ion: 237 Resp: 167944
Ion Ratio Lower Upper
237 100
235 63.8 41.4 81.4
272 13.4 0.0 33.1

Manual Integrations
APPROVED

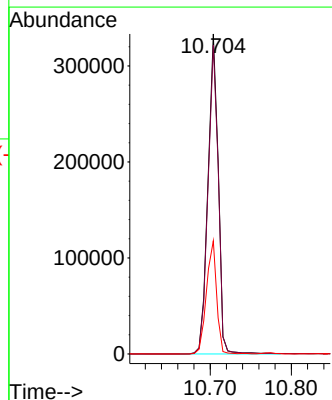
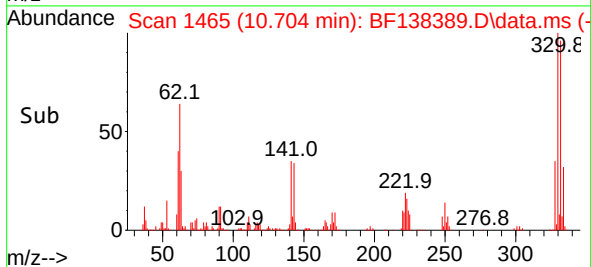
Reviewed By : Yogesh Patel 06/29/2024
Supervised By : mohammad ahmed 06/29/2024

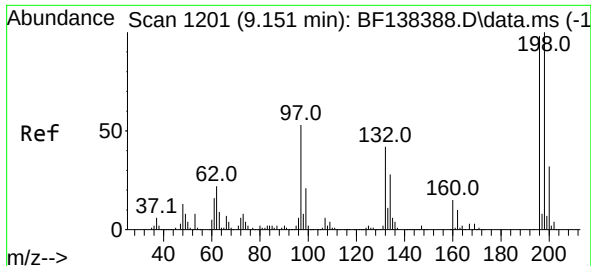


#42
2,4,6-Tribromophenol
Concen: 93.589 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30



Tgt Ion: 330 Resp: 291489
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 35.1 28.1 42.1





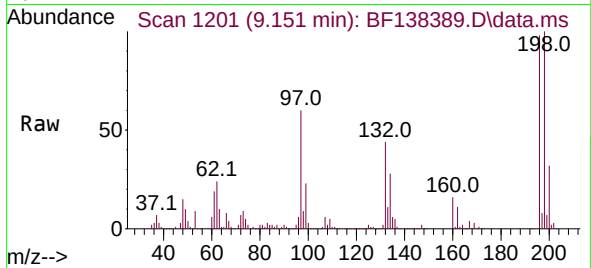
#43
2,4,6-Trichlorophenol
Concen: 48.337 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

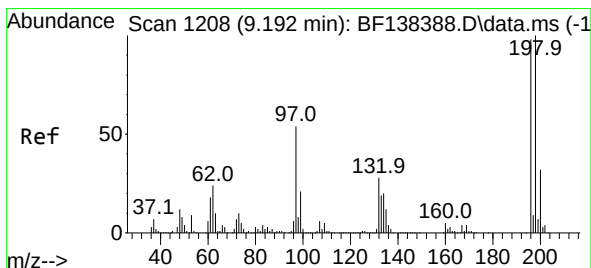
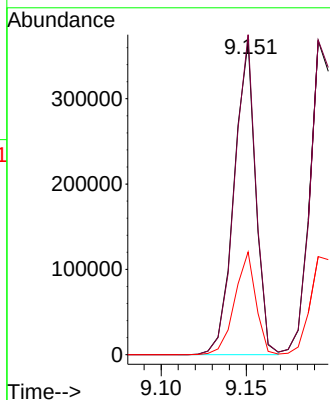
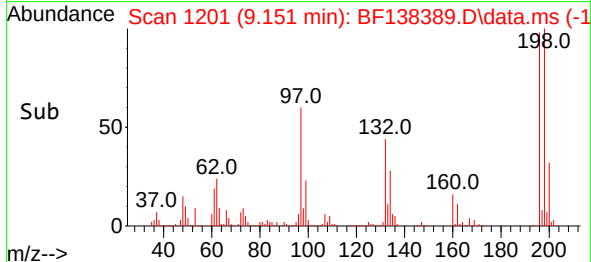


Tgt Ion:196 Resp: 324320
Ion Ratio Lower Upper
196 100
198 102.1 81.8 122.8
200 32.8 26.2 39.4

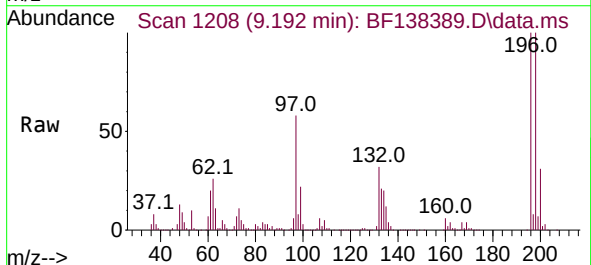
Manual Integrations

APPROVED

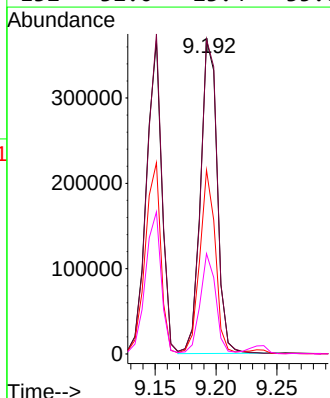
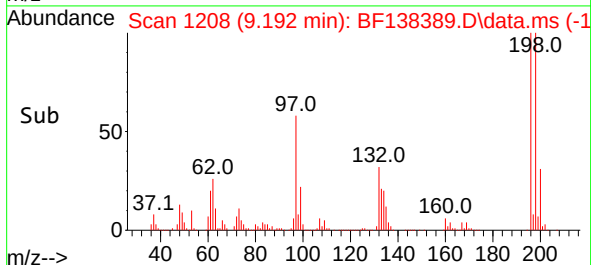
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

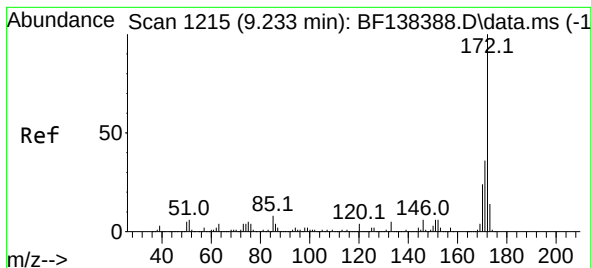


#44
2,4,5-Trichlorophenol
Concen: 47.956 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30



Tgt Ion:196 Resp: 349933
Ion Ratio Lower Upper
196 100
198 100.2 81.8 122.6
97 58.6 44.2 66.4
132 32.0 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 88.191 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 2112504

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

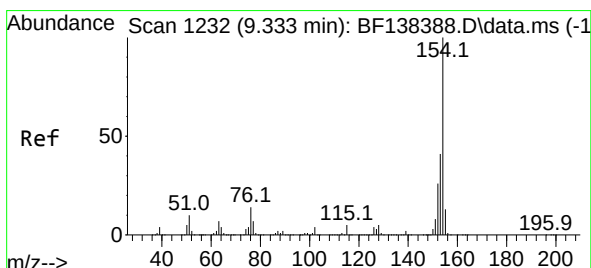
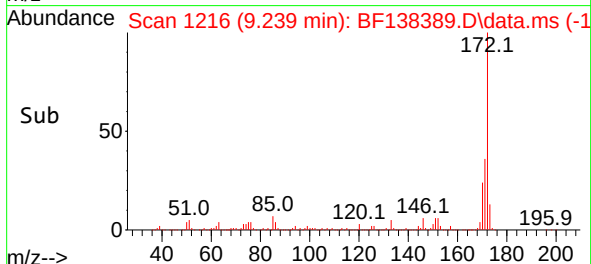
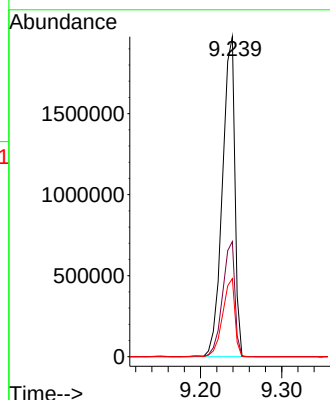
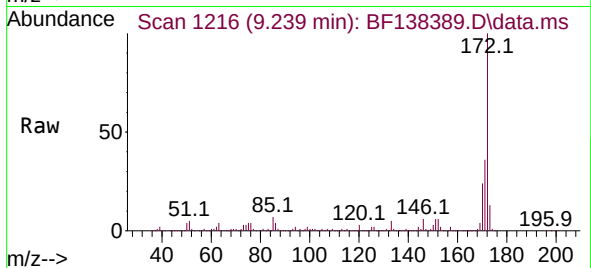
170 24.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#46

1,1'-Biphenyl

Concen: 45.455 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

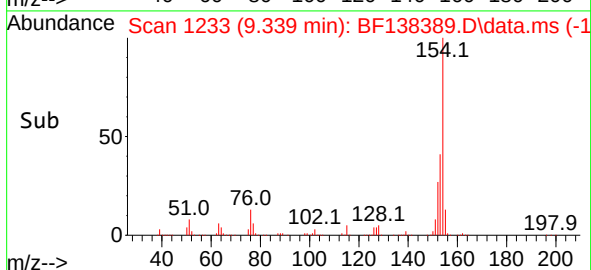
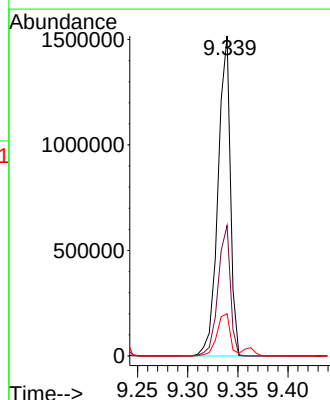
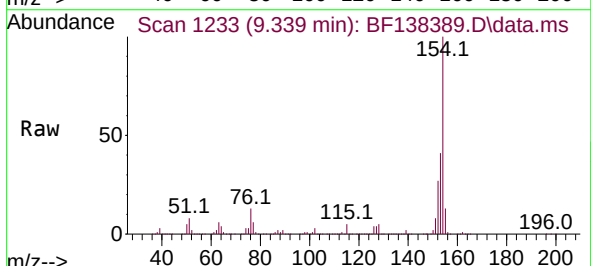
Tgt Ion:154 Resp: 1293814

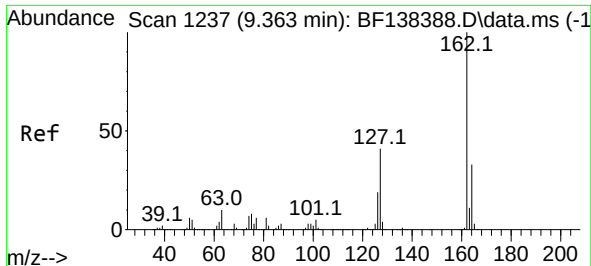
Ion Ratio Lower Upper

154 100

153 40.8 20.5 60.5

76 13.2 0.0 34.4





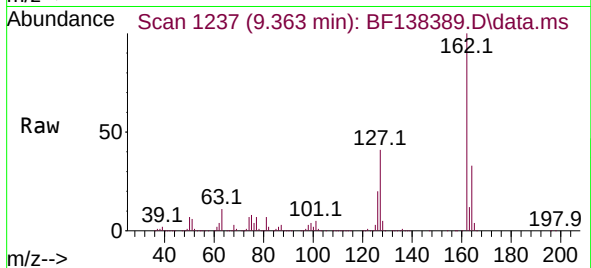
#47
2-Chloronaphthalene
Concen: 46.363 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



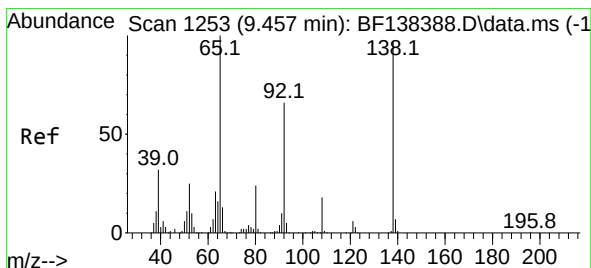
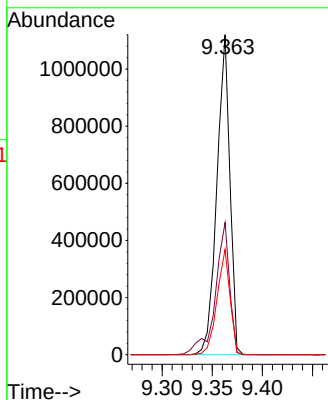
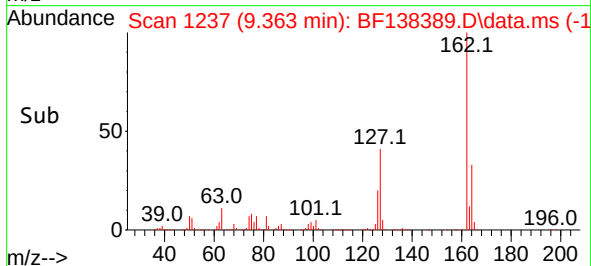
Tgt Ion:162 Resp: 1006180
Ion Ratio Lower Upper
162 100
127 41.3 32.7 49.1
164 32.9 26.6 40.0

Manual Integrations

APPROVED

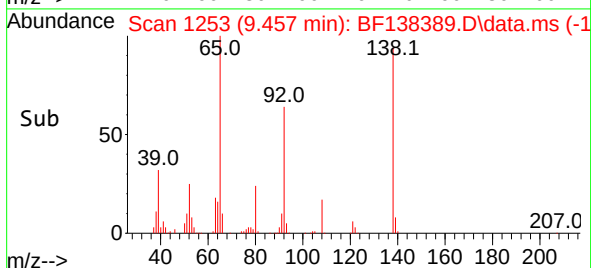
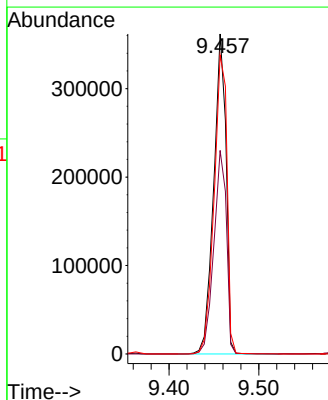
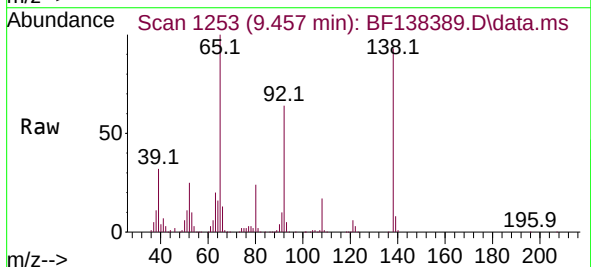
Reviewed By :Yogesh Patel 06/29/2024

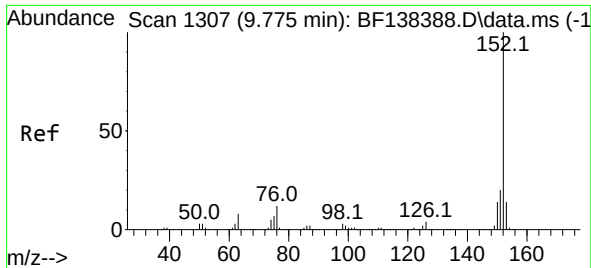
Supervised By :mohammad ahmed 06/29/2024



#48
2-Nitroaniline
Concen: 49.366 ng
RT: 9.457 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion: 65 Resp: 345587
Ion Ratio Lower Upper
65 100
92 63.6 52.6 79.0
138 93.4 77.4 116.0





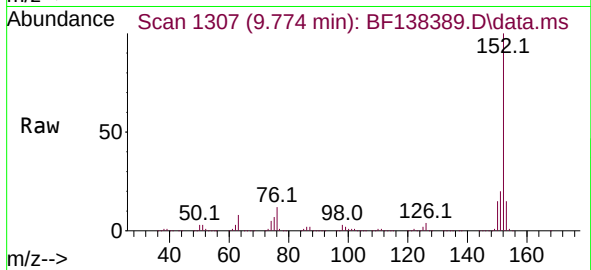
#49
Acenaphthylene
Concen: 46.020 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



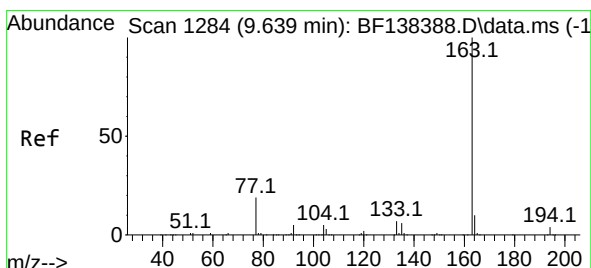
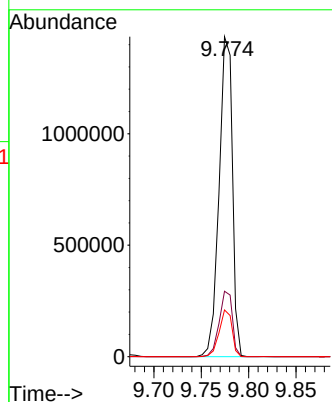
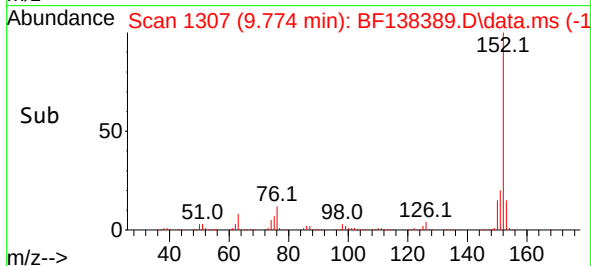
Tgt Ion:152 Resp: 1404620
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.6 11.4 17.2

Manual Integrations

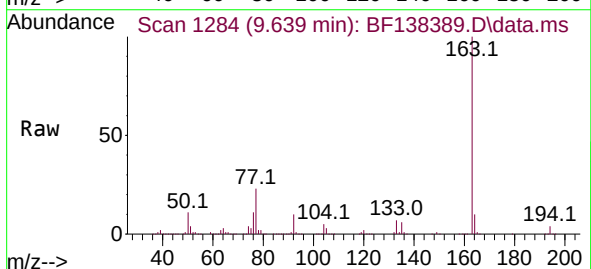
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

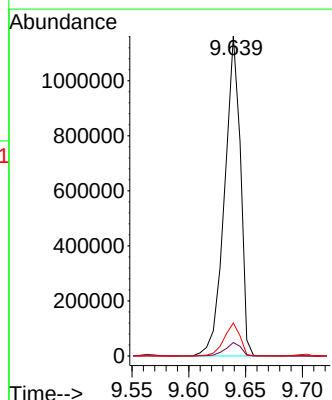
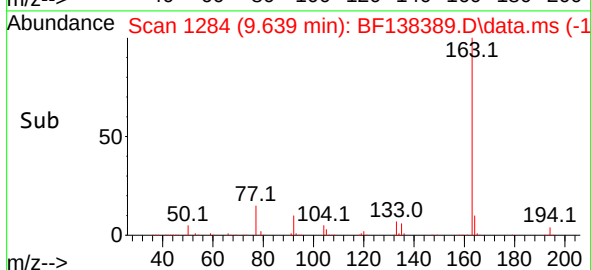
Supervised By :mohammad ahmed 06/29/2024

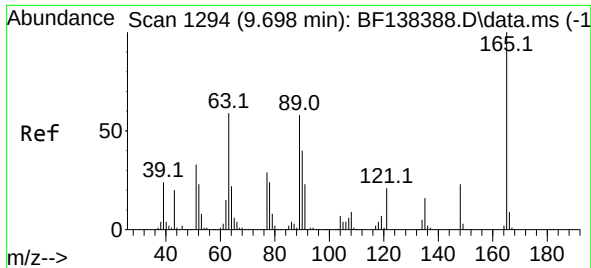


#50
Dimethylphthalate
Concen: 46.048 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30



Tgt Ion:163 Resp: 1128168
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 48.390 ng
RT: 9.704 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

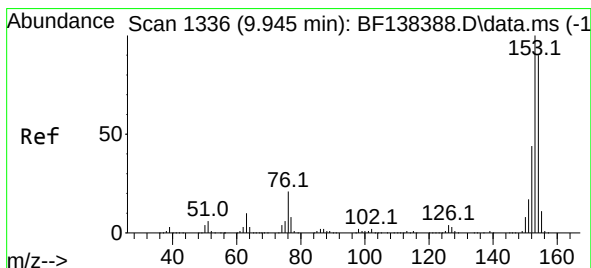
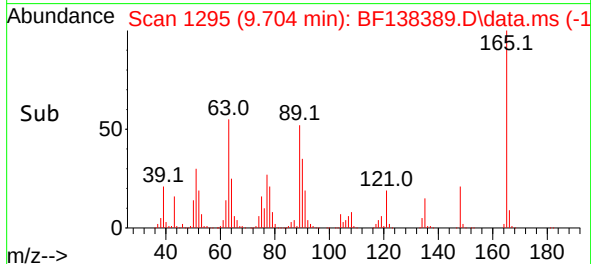
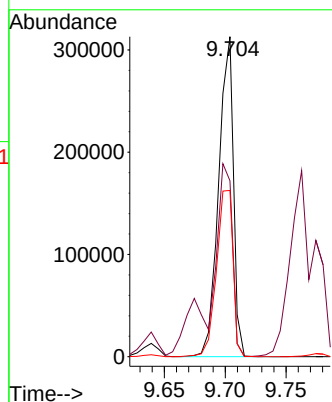
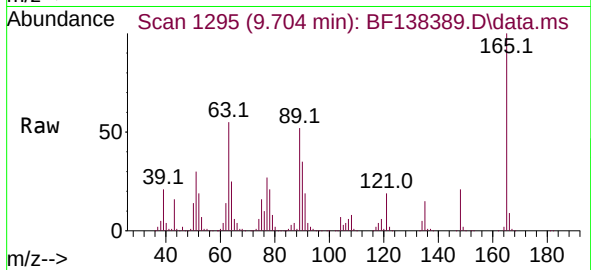
SSTDICC050

Tgt Ion:165 Resp: 265520
Ion Ratio Lower Upper
165 100
63 55.0 53.8 80.8
89 52.0 46.4 69.6

Manual Integrations

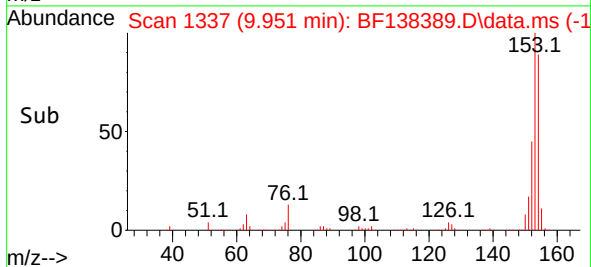
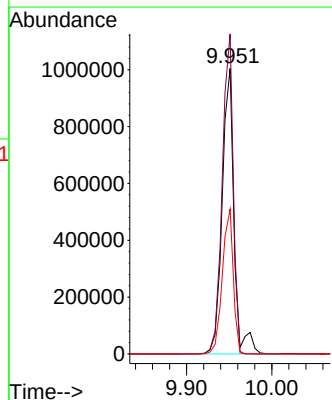
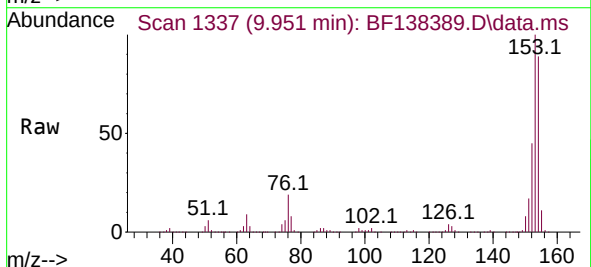
APPROVED

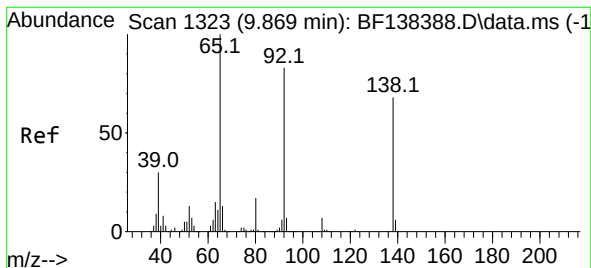
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#52
Acenaphthene
Concen: 46.236 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:154 Resp: 966293
Ion Ratio Lower Upper
154 100
153 112.0 89.4 134.0
152 50.7 39.7 59.5





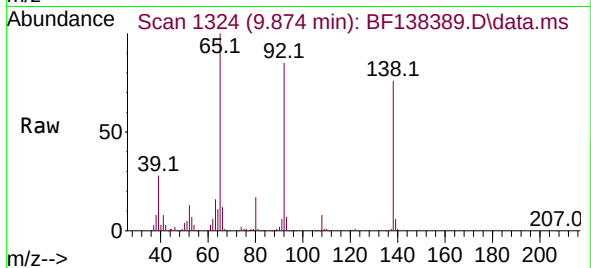
#53
3-Nitroaniline
Concen: 48.500 ng
RT: 9.874 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



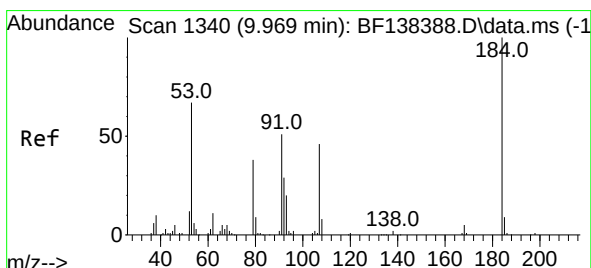
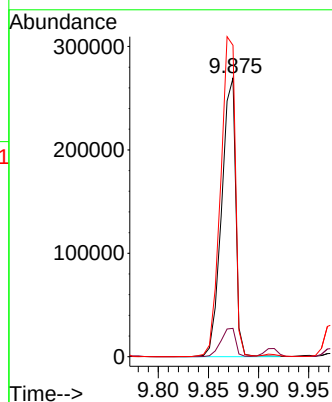
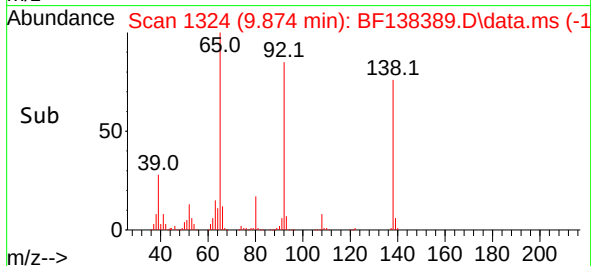
Tgt Ion:138 Resp: 26283
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 111.8 97.3 145.9

Manual Integrations

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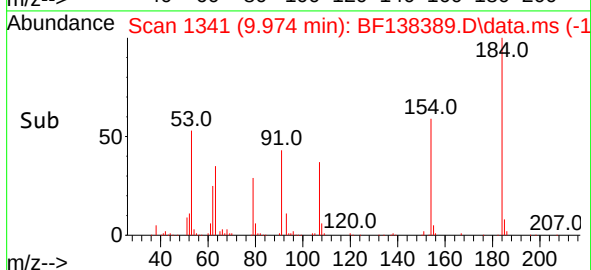
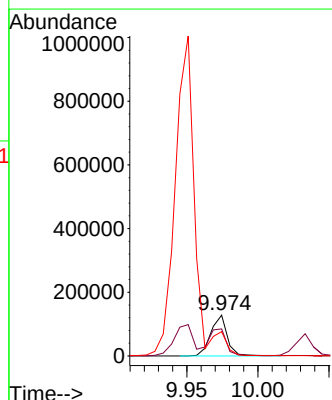
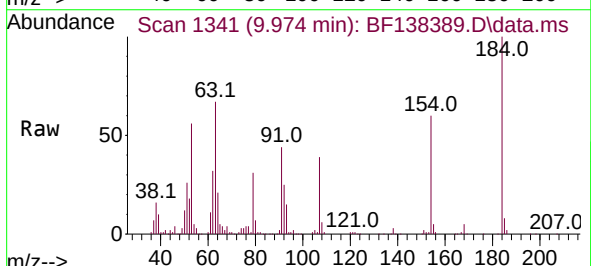
Reviewed By :Yogesh Patel 06/29/2024

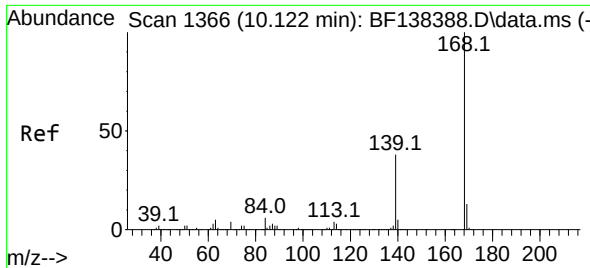
Supervised By :mohammad ahmed 06/29/2024



#54
2,4-Dinitrophenol
Concen: 48.637 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

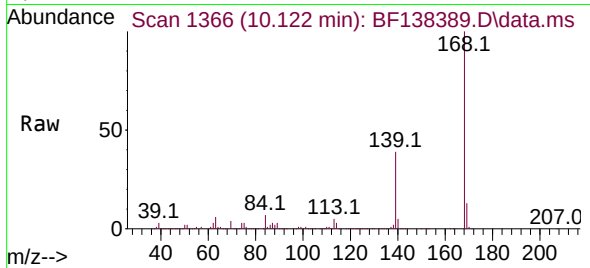
Tgt Ion:184 Resp: 103735
Ion Ratio Lower Upper
184 100
63 66.6 67.3 100.9#
154 59.6 51.0 76.4





#55
Dibenzenofuran
Concen: 45.282 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

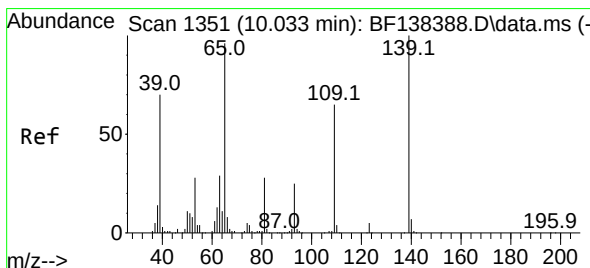
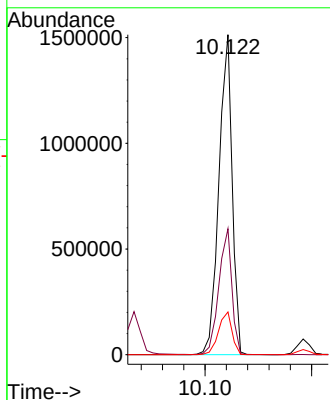
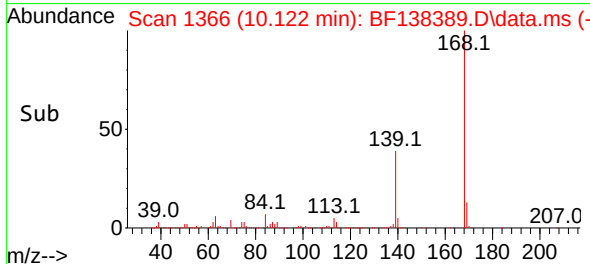
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



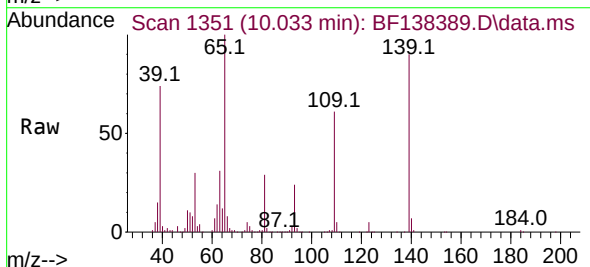
Tgt Ion:168 Resp: 130391
Ion Ratio Lower Upper
168 100
139 39.3 30.4 45.6
169 13.4 10.7 16.1

Manual Integrations
APPROVED

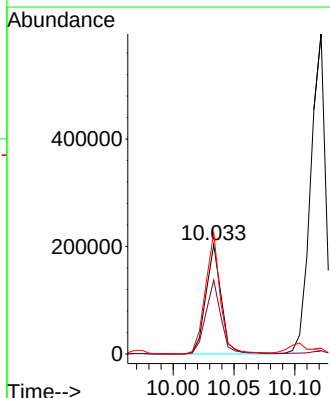
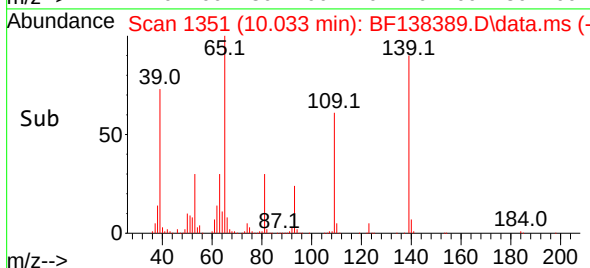
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

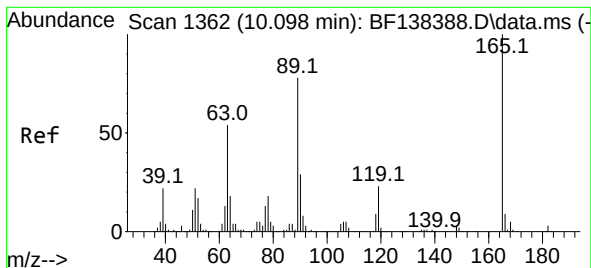


#56
4-Nitrophenol
Concen: 50.898 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30



Tgt Ion:139 Resp: 178844
Ion Ratio Lower Upper
139 100
109 67.6 44.6 84.6
65 111.1 75.9 115.9





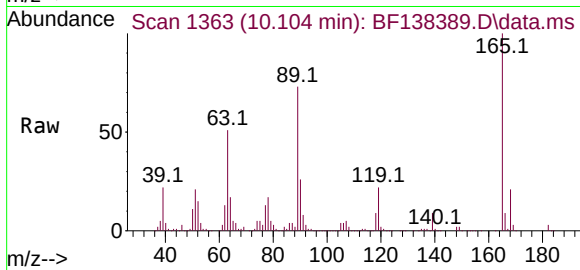
#57
2,4-Dinitrotoluene
Concen: 49.229 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

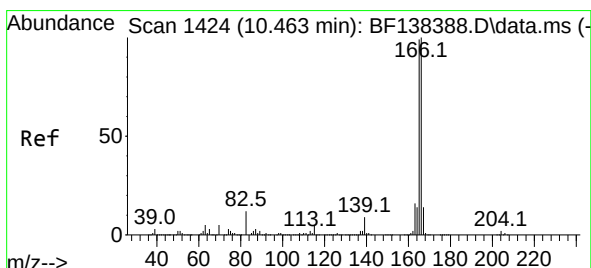
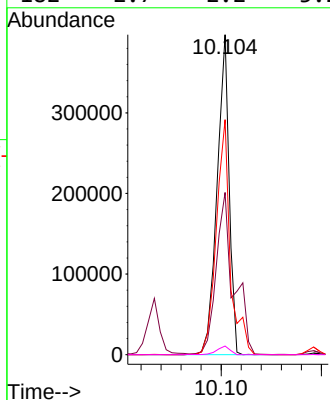
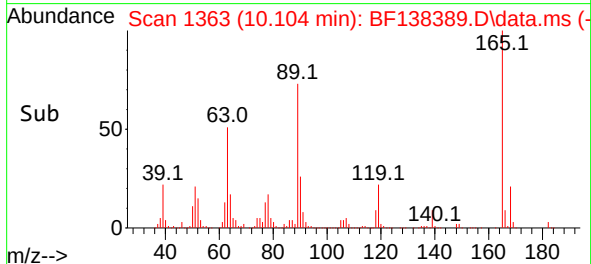


Tgt Ion:165 Resp: 332598
Ion Ratio Lower Upper
165 100
63 50.7 43.4 65.2
89 73.4 62.6 93.8
182 2.7 2.2 3.2

Manual Integrations

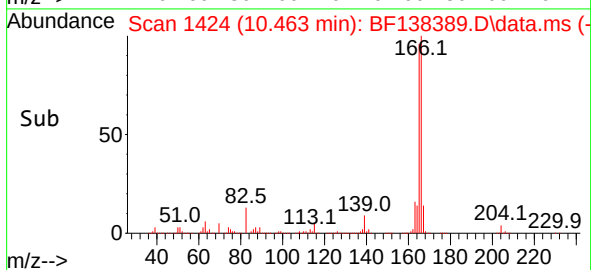
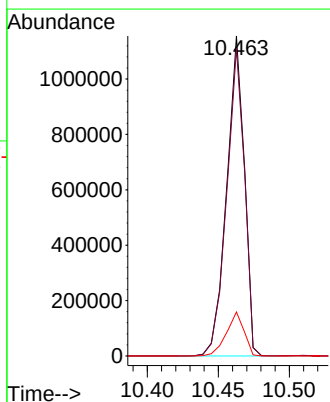
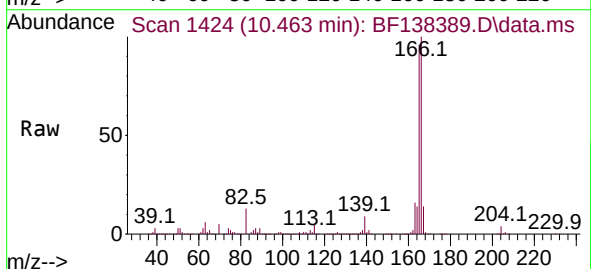
APPROVED

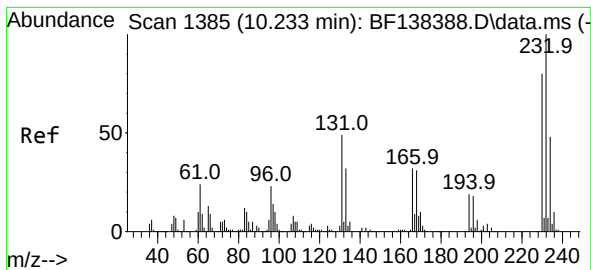
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#58
Fluorene
Concen: 43.748 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:166 Resp: 1000977
Ion Ratio Lower Upper
166 100
165 96.1 79.0 118.6
167 13.8 10.8 16.2





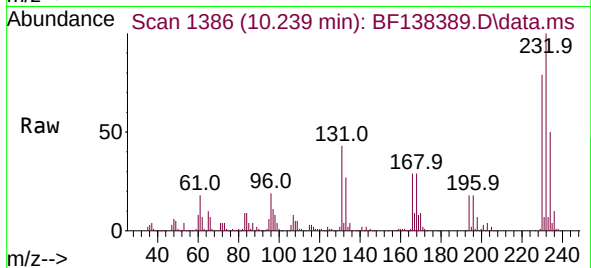
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.447 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



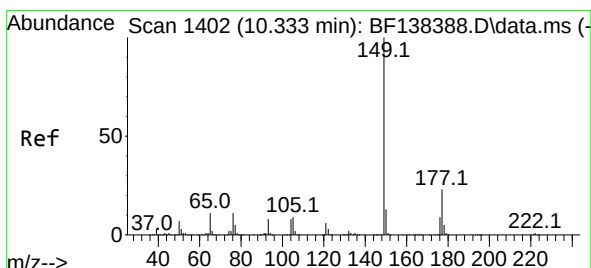
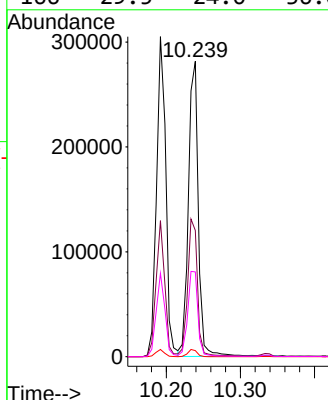
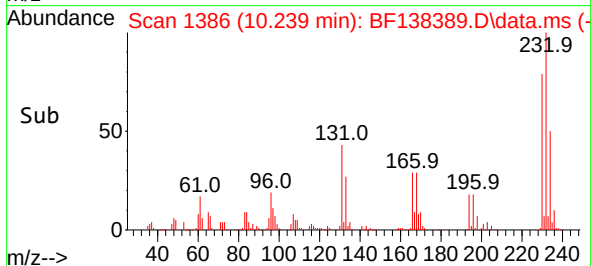
Tgt Ion:232 Resp: 262578
Ion Ratio Lower Upper
232 100
131 45.8 36.6 55.0
130 2.3 1.8 2.8
166 29.5 24.0 36.0

Manual Integrations

APPROVED

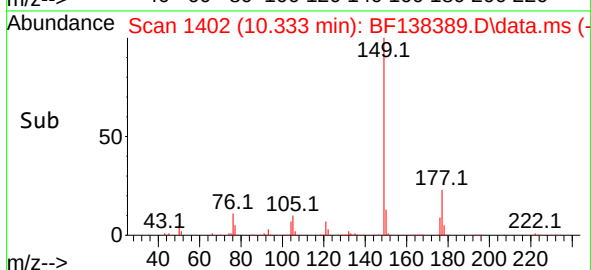
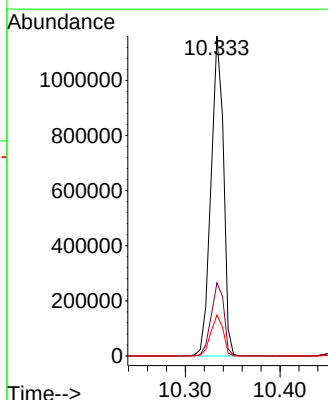
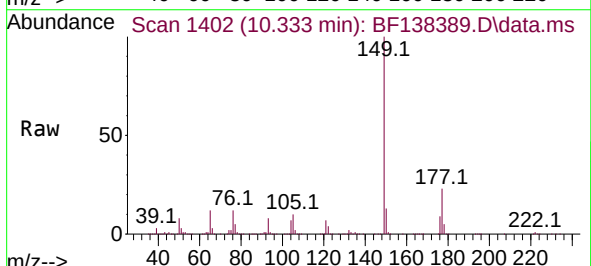
Reviewed By :Yogesh Patel 06/29/2024

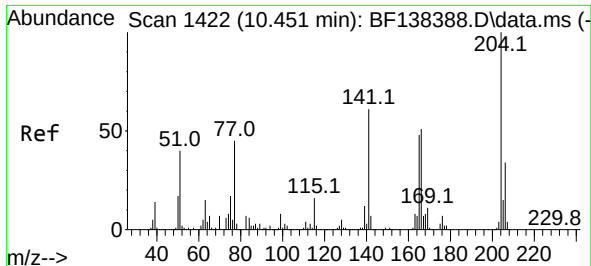
Supervised By :mohammad ahmed 06/29/2024



#60
Diethylphthalate
Concen: 46.196 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

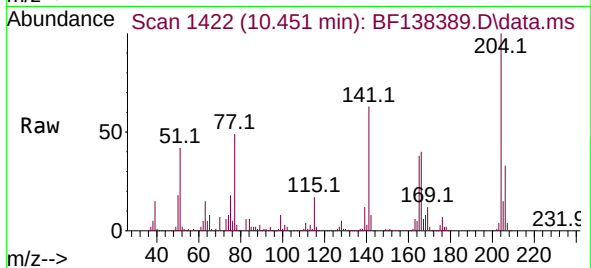
Tgt Ion:149 Resp: 1058183
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.502 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

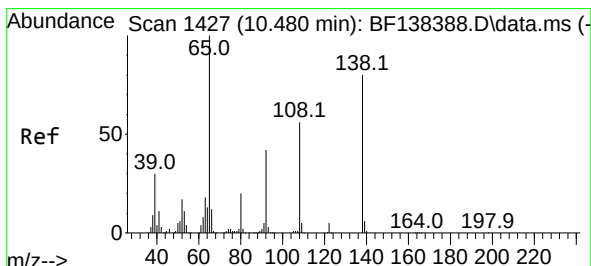
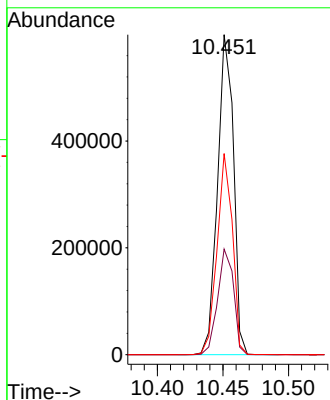
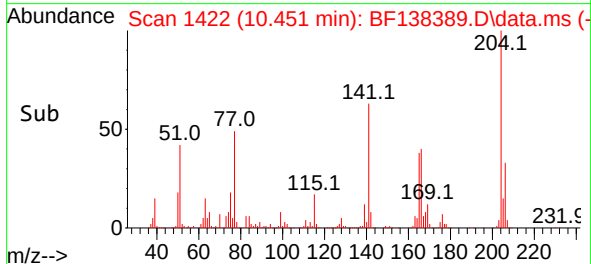
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 505018
Ion Ratio Lower Upper
204 100
206 33.0 27.1 40.7
141 62.8 48.4 72.6

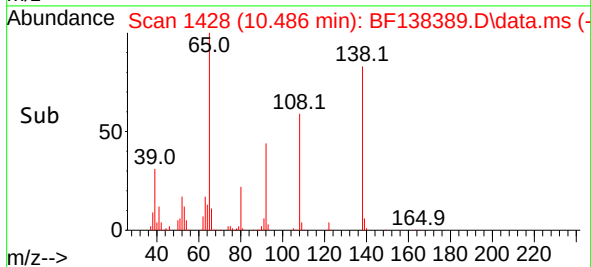
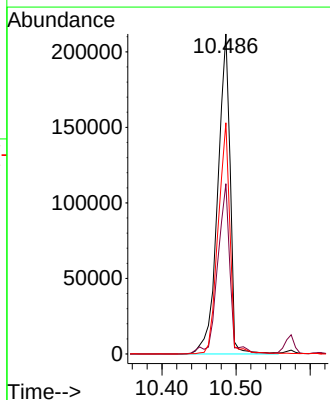
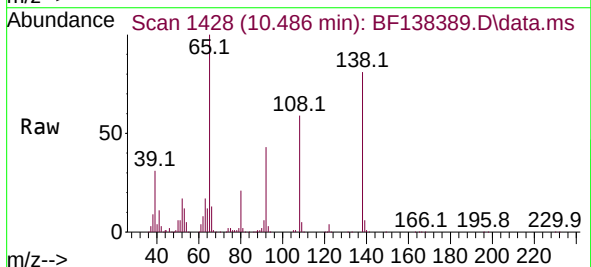
Manual Integrations
APPROVED

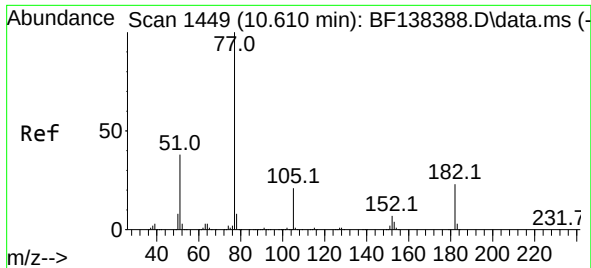
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#62
4-Nitroaniline
Concen: 49.737 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

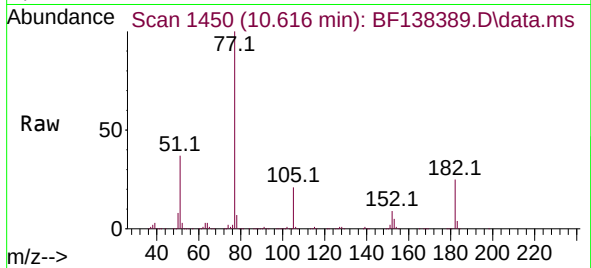
Tgt Ion:138 Resp: 247402
Ion Ratio Lower Upper
138 100
92 53.2 32.6 72.6
108 72.2 50.3 90.3





#63
Azobenzene
Concen: 46.780 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

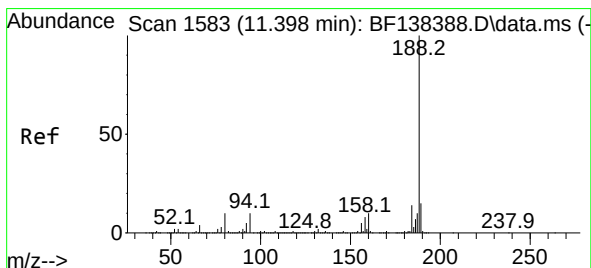
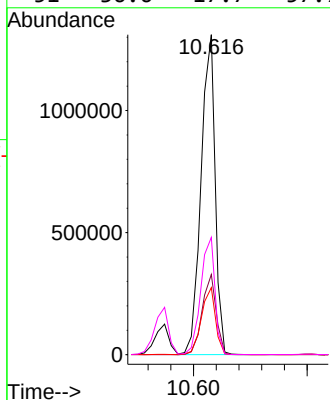
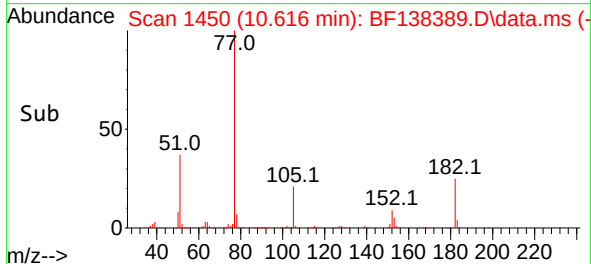
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 113166
Ion Ratio Lower Upper
77 100
182 25.1 2.7 42.7
105 20.9 0.6 40.6
51 36.6 17.7 57.7

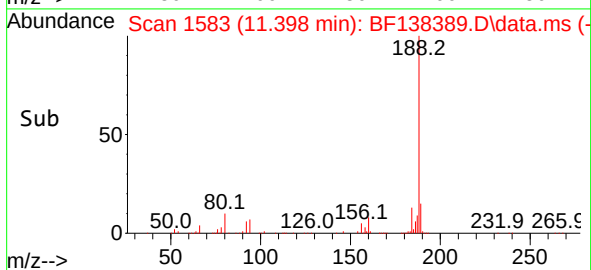
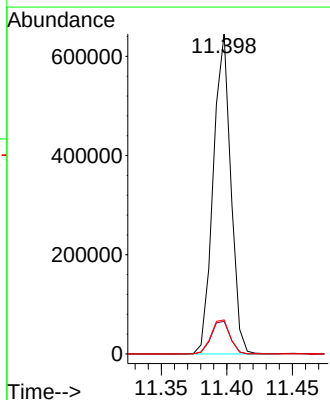
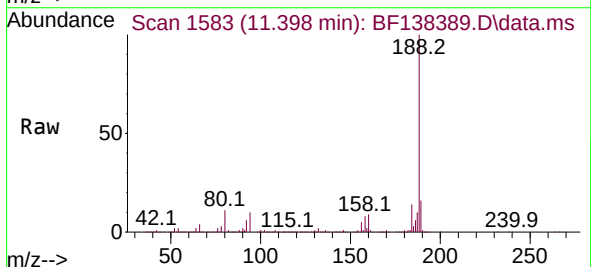
Manual Integrations
APPROVED

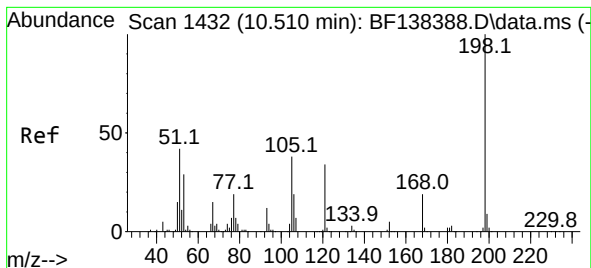
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:188 Resp: 600410
Ion Ratio Lower Upper
188 100
94 10.2 8.0 12.0
80 10.7 8.2 12.4





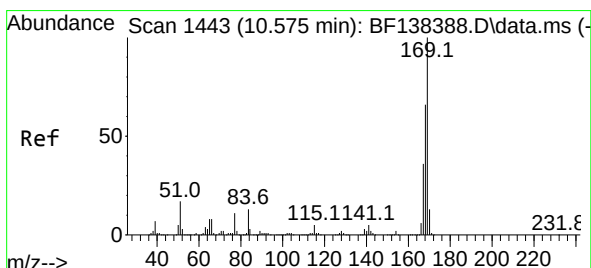
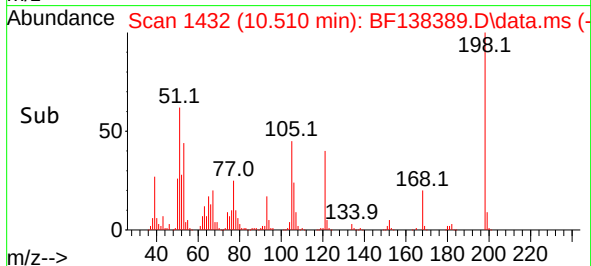
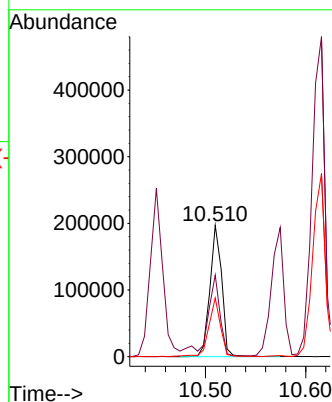
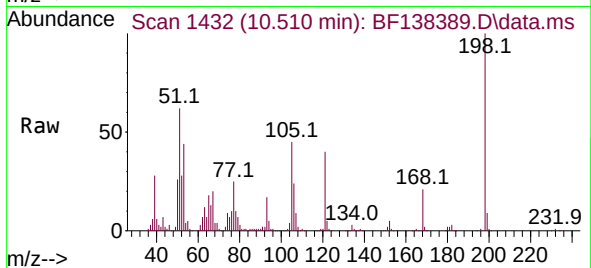
#65
4,6-Dinitro-2-methylphenol
Concen: 50.130 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 16210
Ion Ratio Lower Upper
198 100
51 62.2 27.9 67.9
105 44.7 18.2 58.2

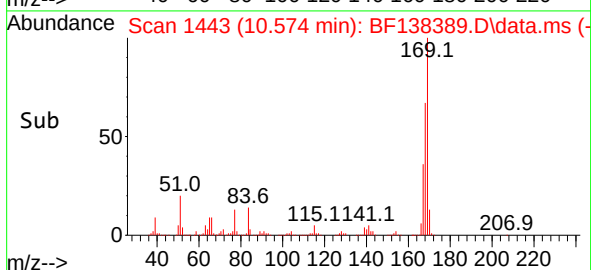
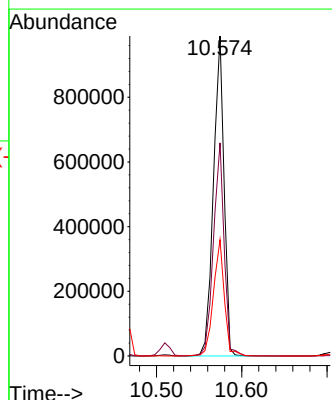
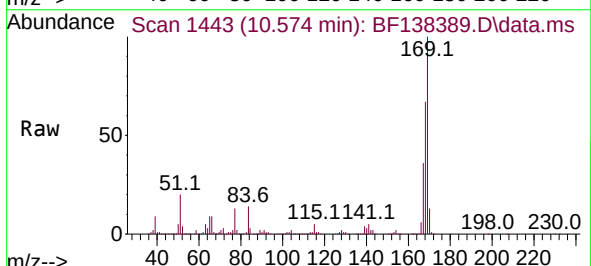
Manual Integrations
APPROVED

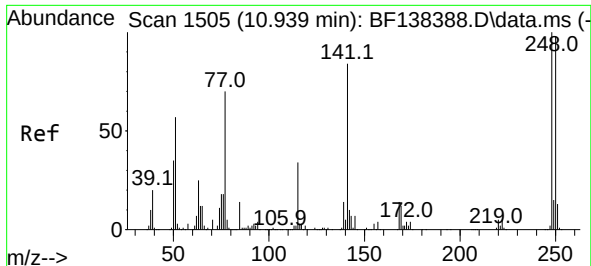
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#66
n-Nitrosodiphenylamine
Concen: 45.937 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:169 Resp: 856241
Ion Ratio Lower Upper
169 100
168 66.6 52.5 78.7
167 36.4 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 46.903 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

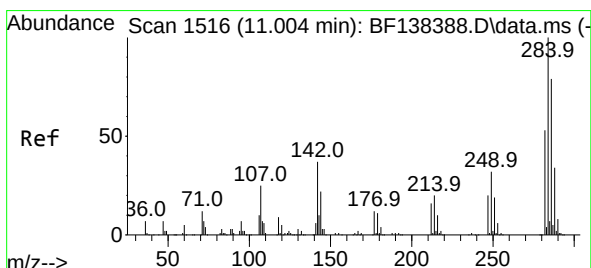
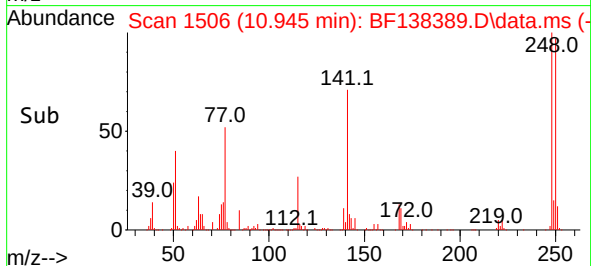
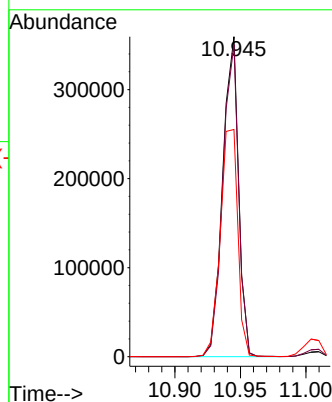
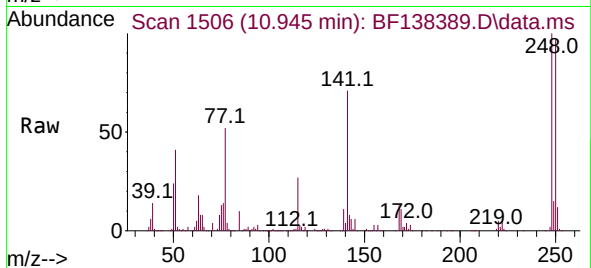
SSTDICC050

Tgt Ion:248 Resp: 302690
Ion Ratio Lower Upper
248 100
250 97.5 78.2 117.4
141 71.0 67.6 101.4

Manual Integrations

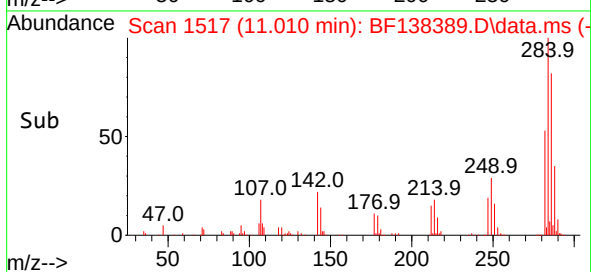
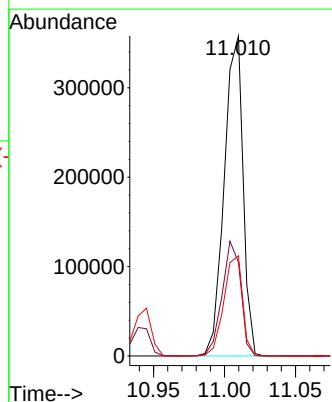
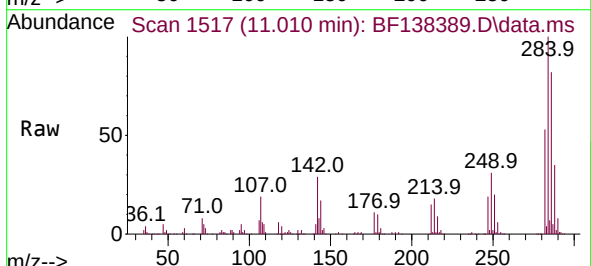
APPROVED

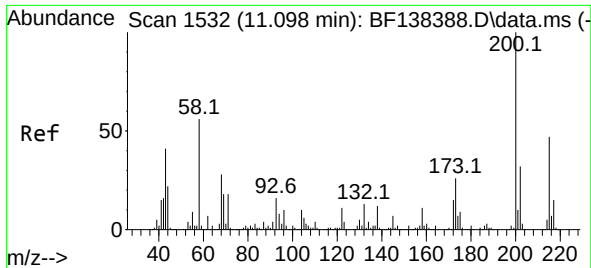
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#68
Hexachlorobenzene
Concen: 46.271 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

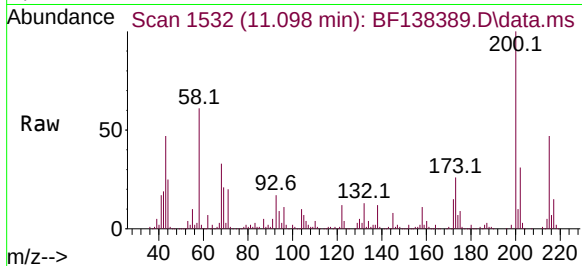
Tgt Ion:284 Resp: 329137
Ion Ratio Lower Upper
284 100
142 29.3 29.2 43.8
249 31.3 25.8 38.6





#69
 Atrazine
 Concen: 44.914 ng
 RT: 11.098 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: BF138389.D
 Acq: 28 Jun 2024 15:30

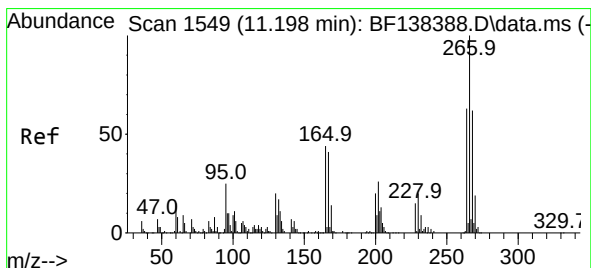
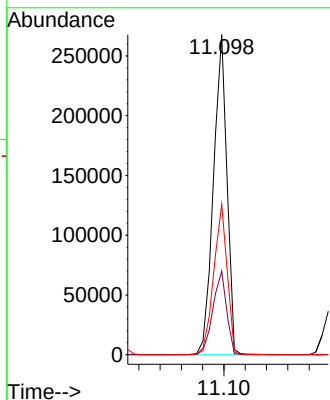
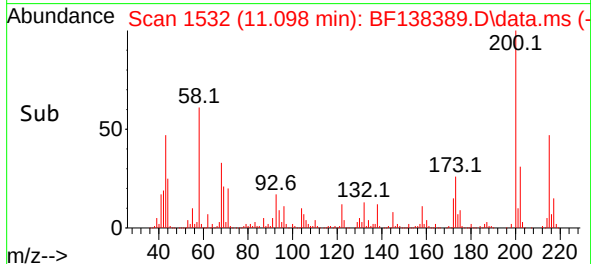
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



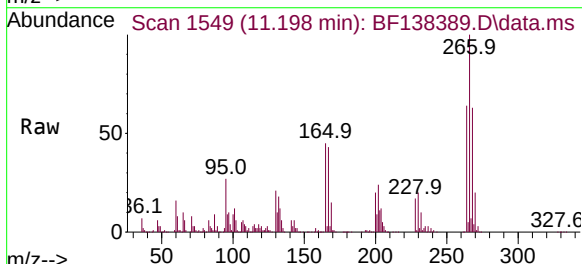
Tgt Ion:200 Resp: 23473
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.2 46.2
 215 46.9 27.4 67.4

Manual Integrations
 APPROVED

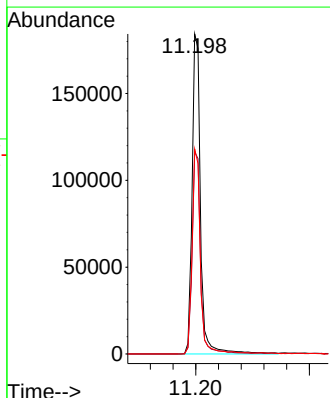
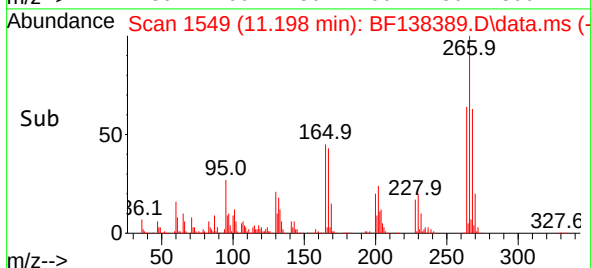
Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

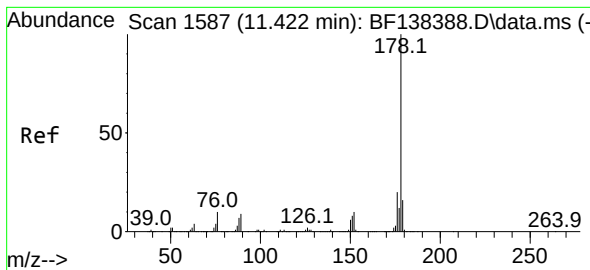


#70
 Pentachlorophenol
 Concen: 52.778 ng
 RT: 11.198 min Scan# 1549
 Delta R.T. -0.000 min
 Lab File: BF138389.D
 Acq: 28 Jun 2024 15:30



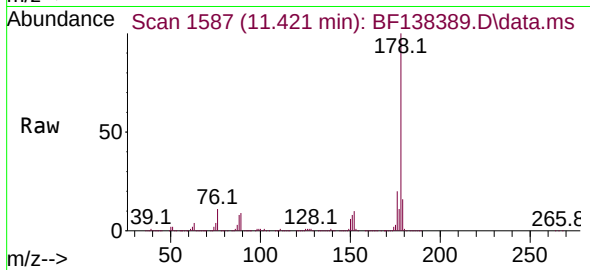
Tgt Ion:266 Resp: 190069
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.9 74.9
 264 64.1 50.0 75.0





#71
Phenanthrene
Concen: 46.640 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

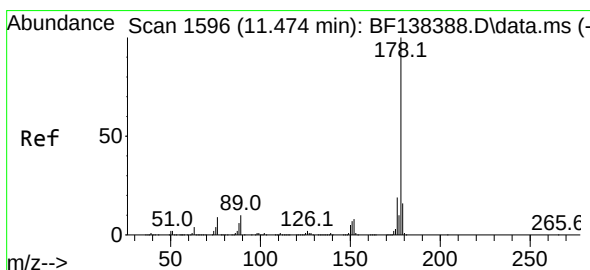
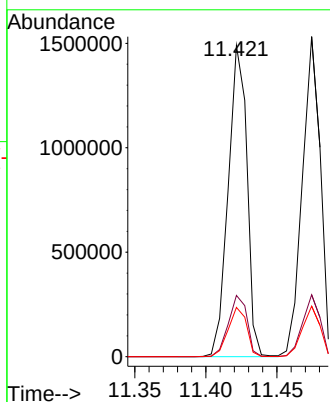
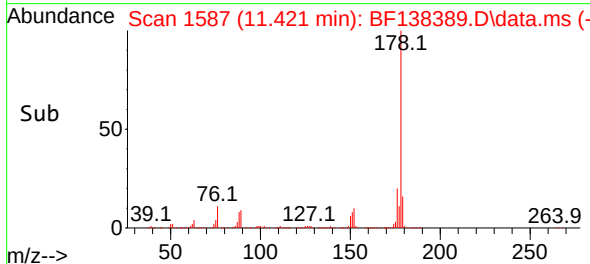
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 1367220
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 15.8 12.6 18.8

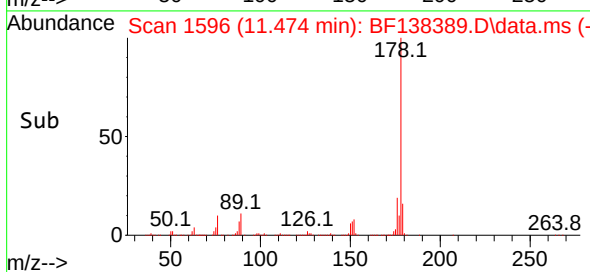
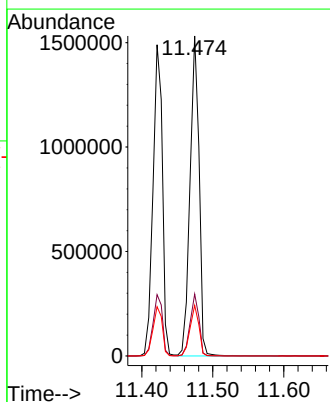
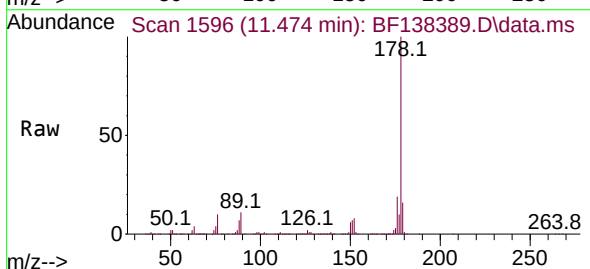
Manual Integrations
APPROVED

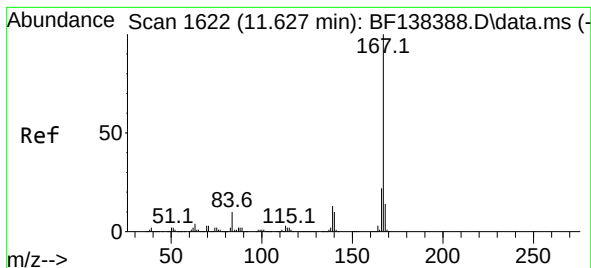
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#72
Anthracene
Concen: 46.494 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:178 Resp: 1359218
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 15.8 12.7 19.1





#73
 Carbazole
 Concen: 47.288 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF138389.D
 Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

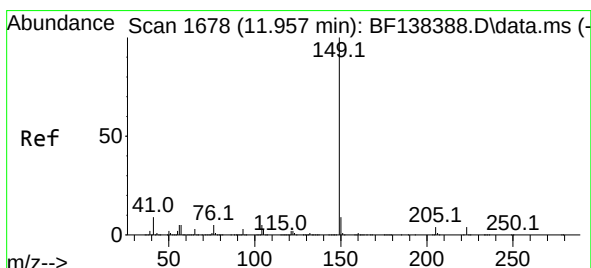
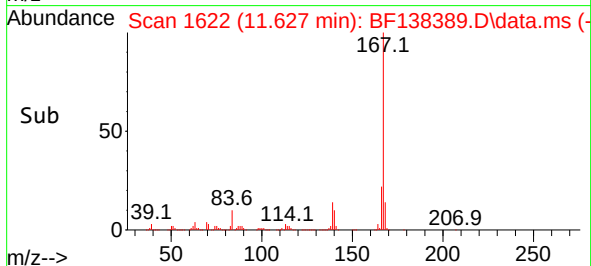
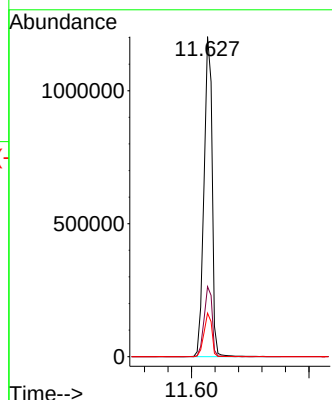
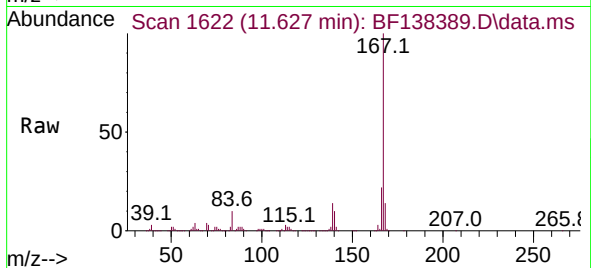
SSTDICC050

Tgt Ion:167 Resp: 1147724
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.6 10.7 16.1

Manual Integrations

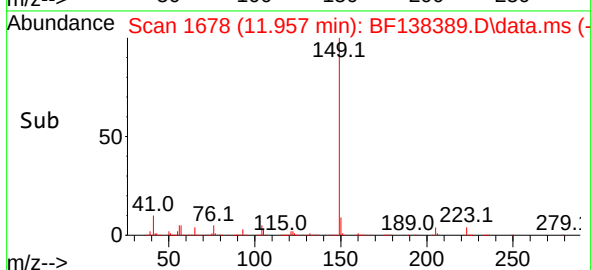
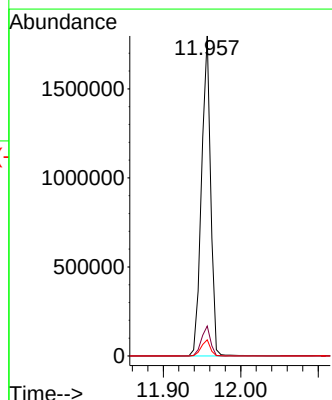
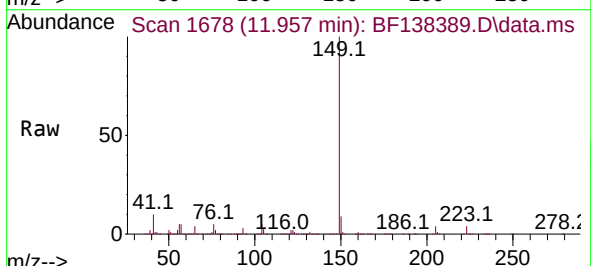
APPROVED

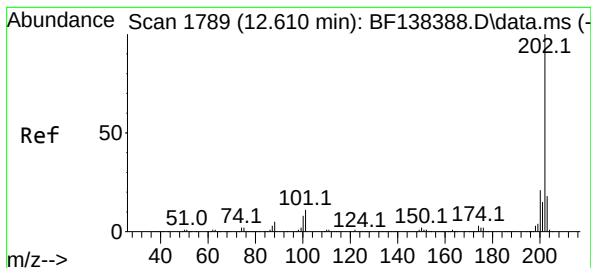
Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024



#74
 Di-n-butylphthalate
 Concen: 47.754 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. -0.000 min
 Lab File: BF138389.D
 Acq: 28 Jun 2024 15:30

Tgt Ion:149 Resp: 1468848
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.1 3.8 5.8





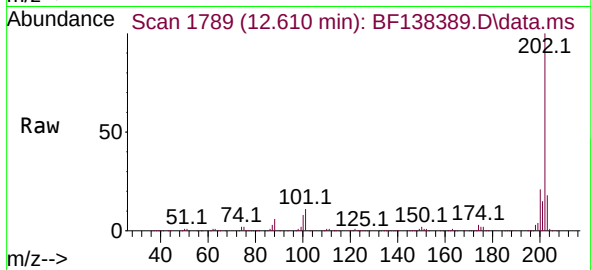
#75
Fluoranthene
Concen: 46.810 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



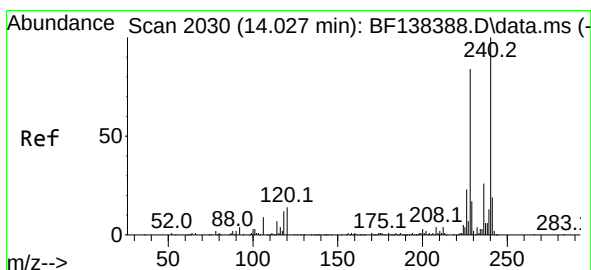
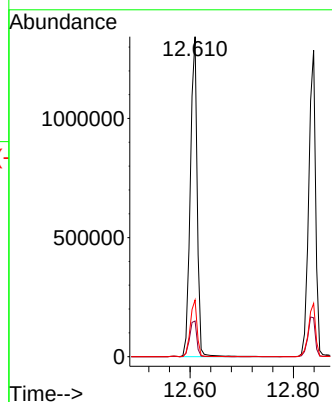
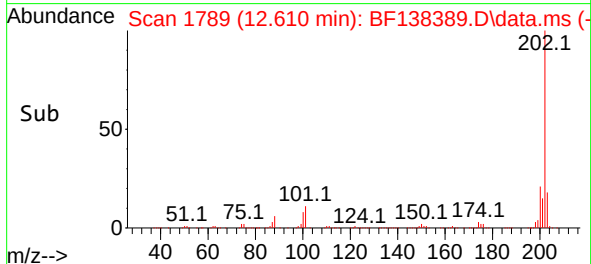
Tgt Ion:202 Resp: 123021
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.5
203 17.7 0.0 37.6

Manual Integrations

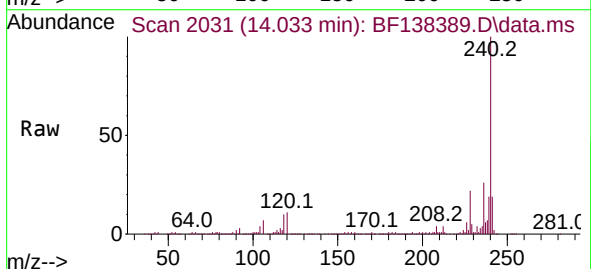
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

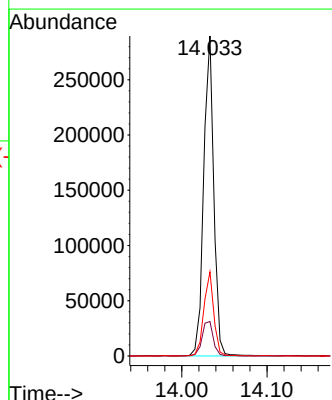
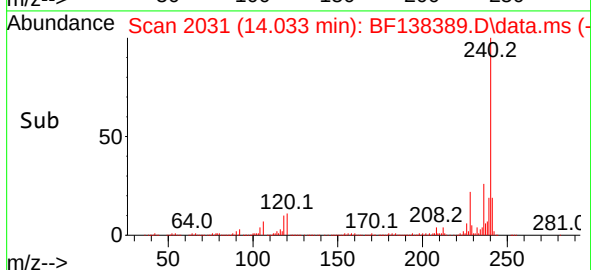
Supervised By :mohammad ahmed 06/29/2024

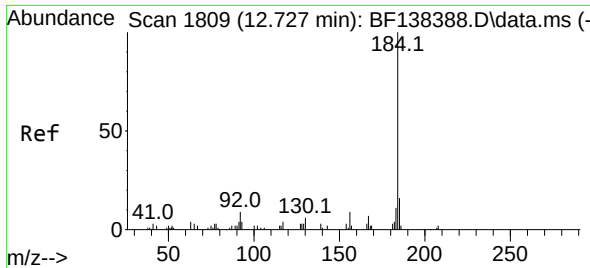


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30



Tgt Ion:240 Resp: 238187
Ion Ratio Lower Upper
240 100
120 10.8 10.9 16.3#
236 26.3 20.6 30.8





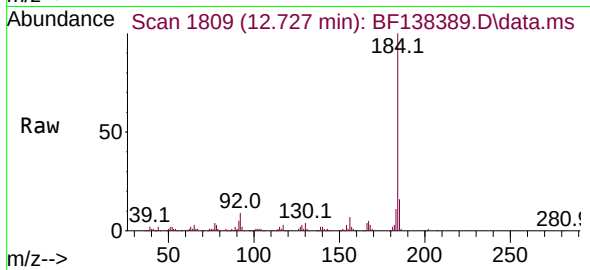
#77
Benzidine
Concen: 63.503 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



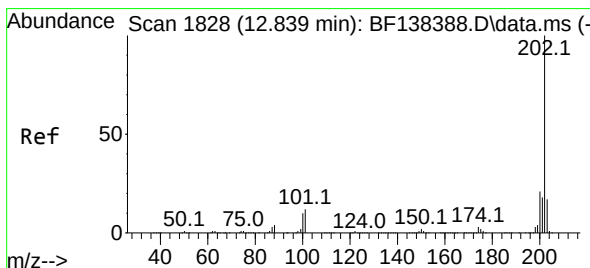
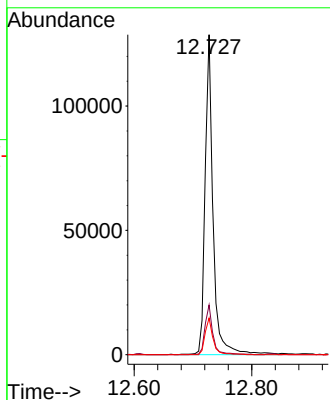
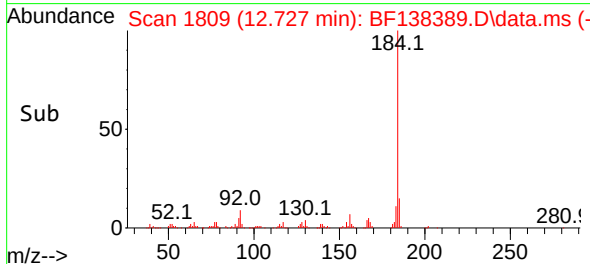
Tgt Ion:184 Resp: 120950
Ion Ratio Lower Upper
184 100
185 15.6 13.0 19.4
183 11.4 9.0 13.6

Manual Integrations

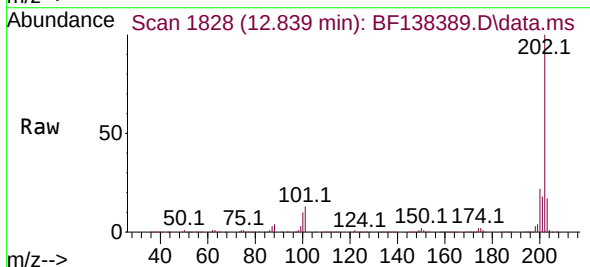
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

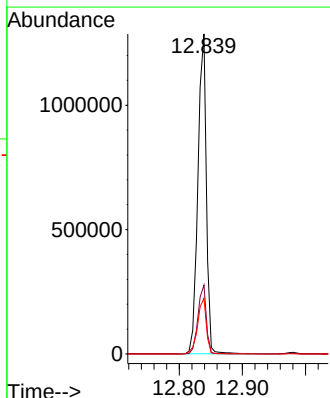
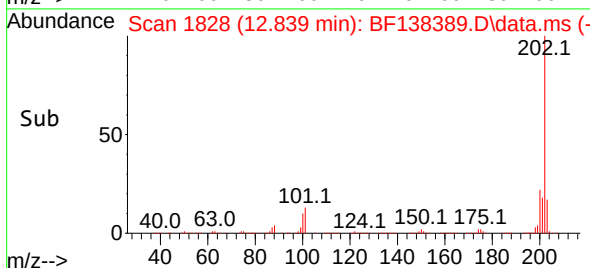
Supervised By :mohammad ahmed 06/29/2024

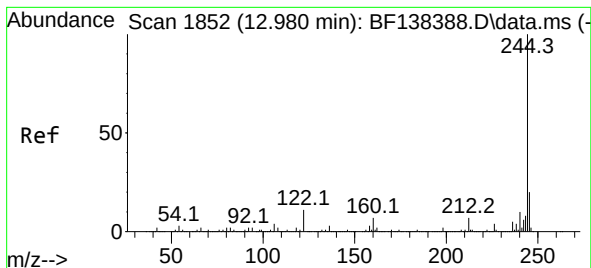


#78
Pyrene
Concen: 46.668 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30



Tgt Ion:202 Resp: 1188034
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 91.744 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138389.D

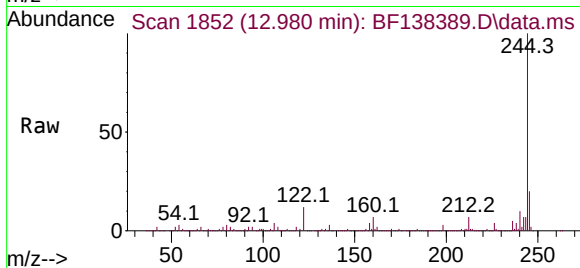
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:244 Resp: 1594570

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

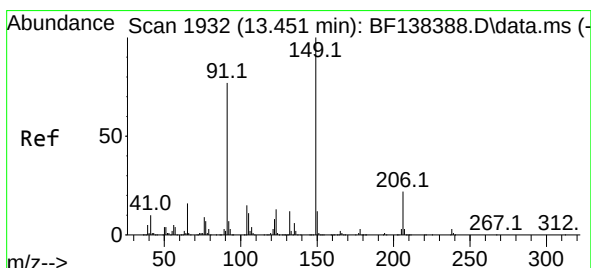
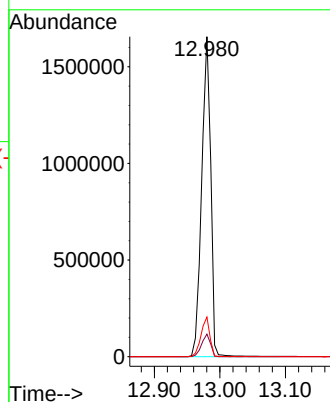
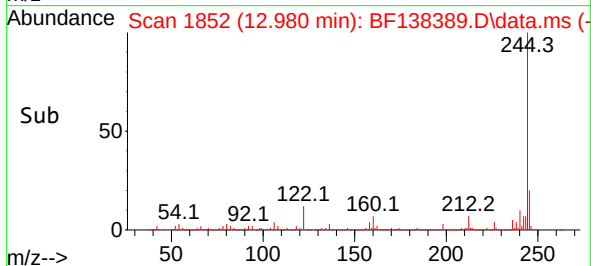
122 12.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#80

Butylbenzylphthalate

Concen: 50.457 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

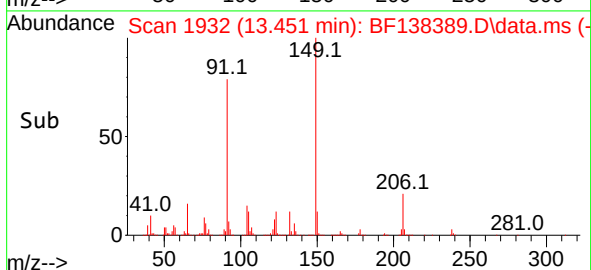
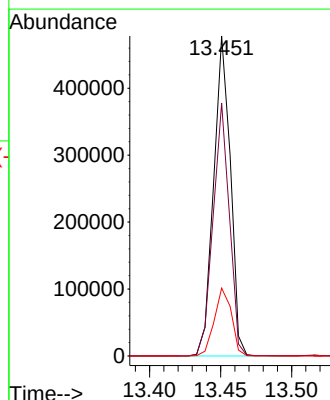
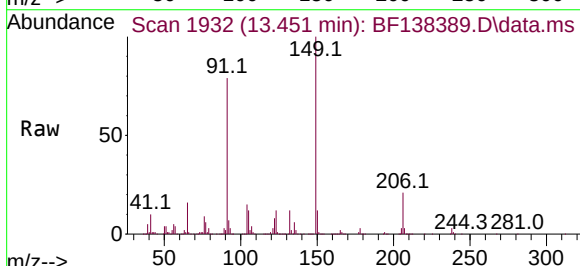
Tgt Ion:149 Resp: 390864

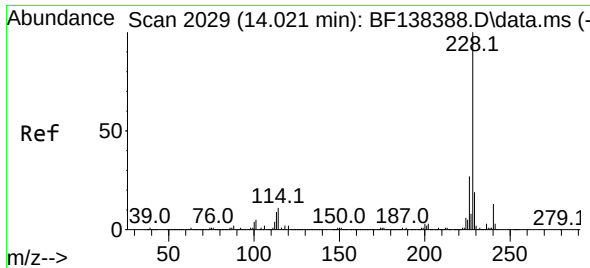
Ion Ratio Lower Upper

149 100

91 79.0 62.0 93.0

206 21.2 17.6 26.4





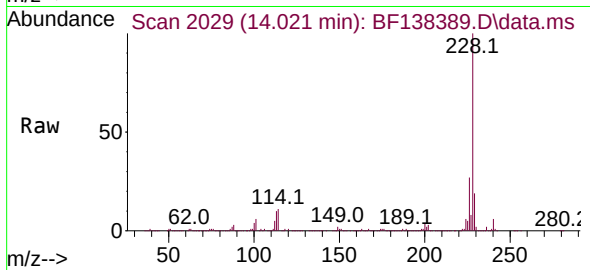
#81
Benzo(a)anthracene
Concen: 48.133 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



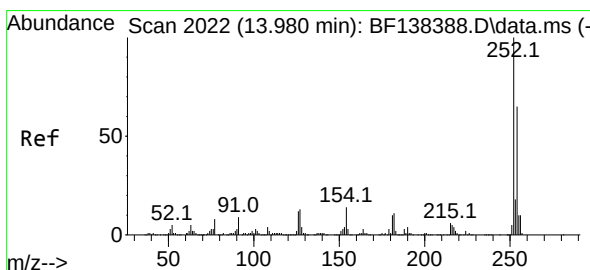
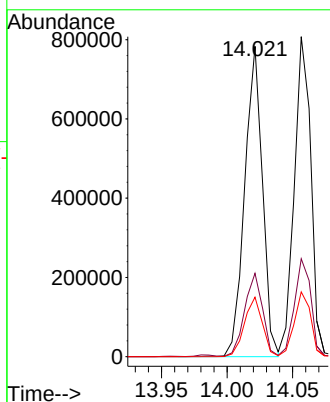
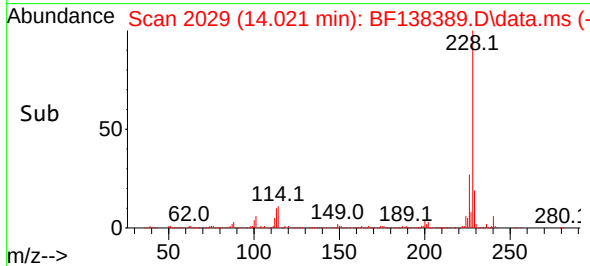
Tgt Ion:228 Resp: 737924
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.2 15.5 23.3

Manual Integrations

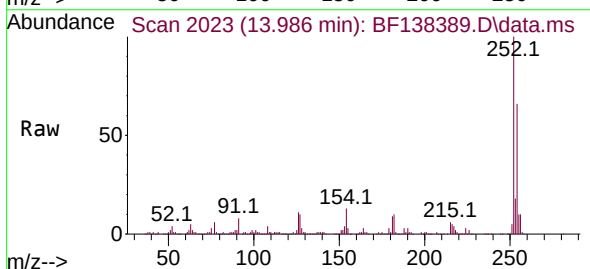
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

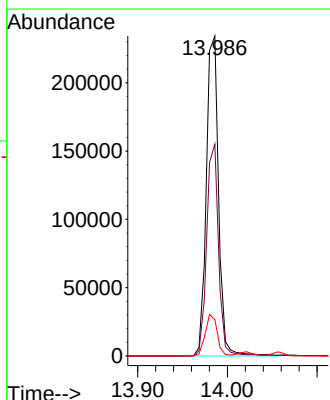
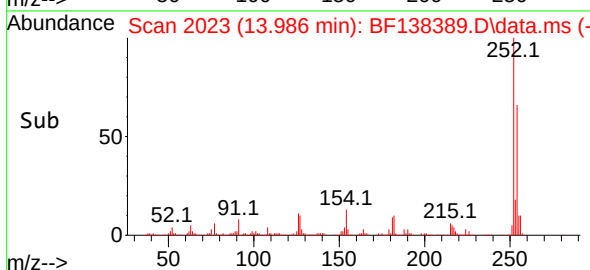
Supervised By :mohammad ahmed 06/29/2024

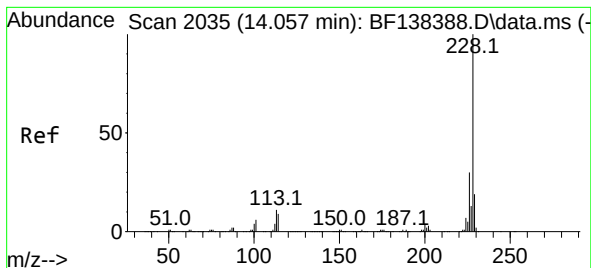


#82
3,3'-Dichlorobenzidine
Concen: 49.154 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30



Tgt Ion:252 Resp: 222486
Ion Ratio Lower Upper
252 100
254 66.2 51.8 77.6
126 11.3 9.5 14.3





#83

Chrysene

Concen: 47.886 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 71436

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.6

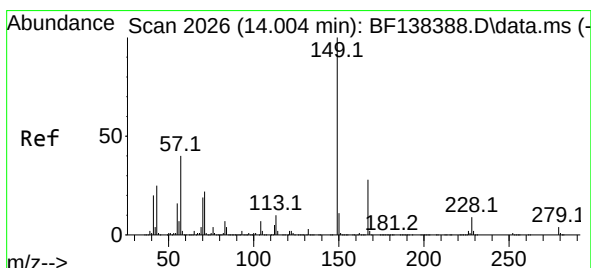
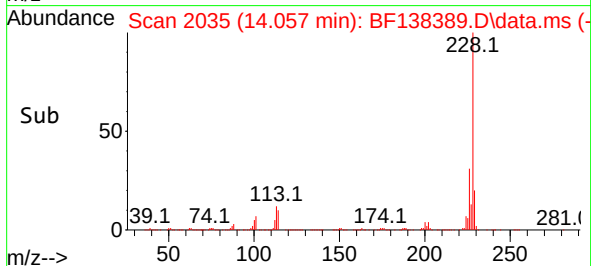
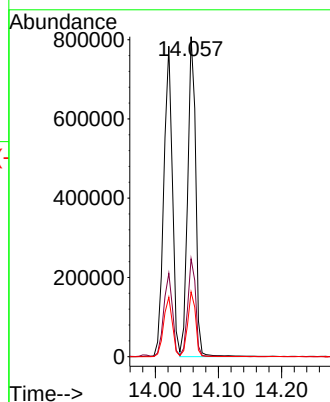
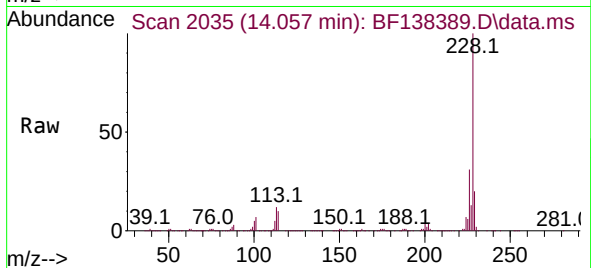
229 20.3 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.266 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

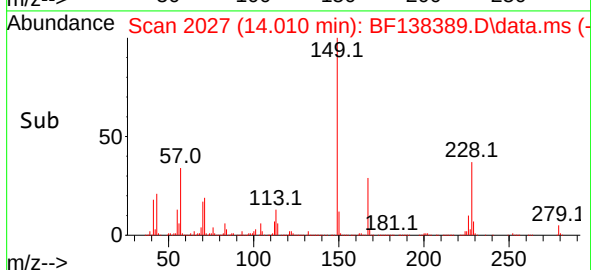
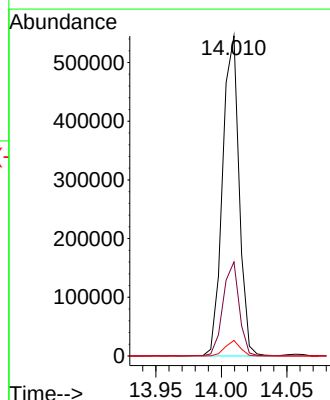
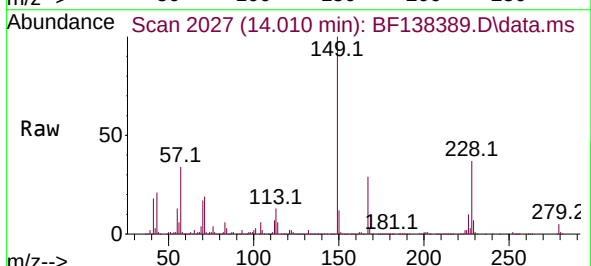
Tgt Ion:149 Resp: 478611

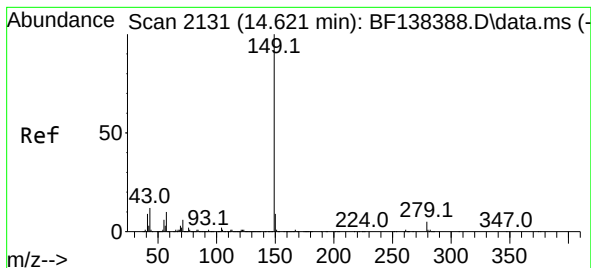
Ion Ratio Lower Upper

149 100

167 29.4 22.6 33.8

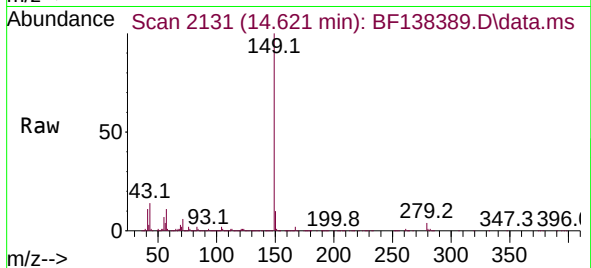
279 4.9 3.2 4.8#





#85
Di-n-octyl phthalate
Concen: 49.730 ng
RT: 14.621 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

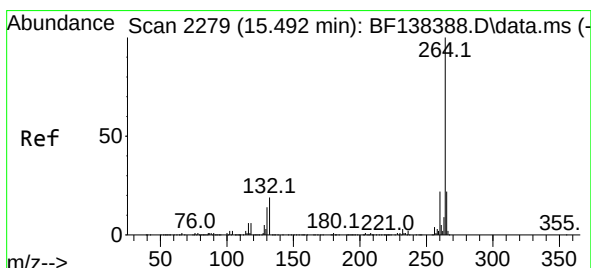
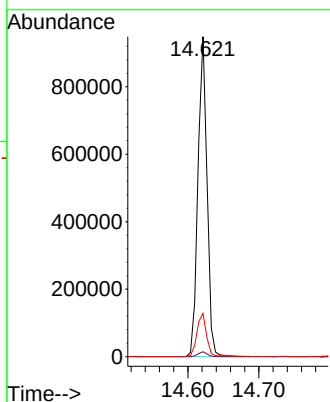
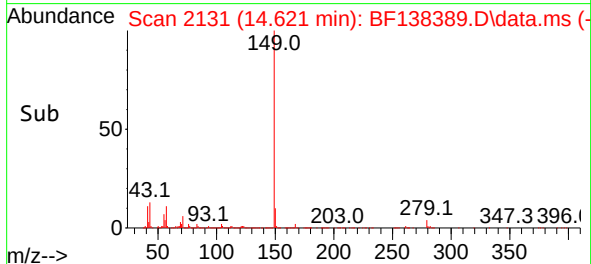
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 84561
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.9 10.9 16.3

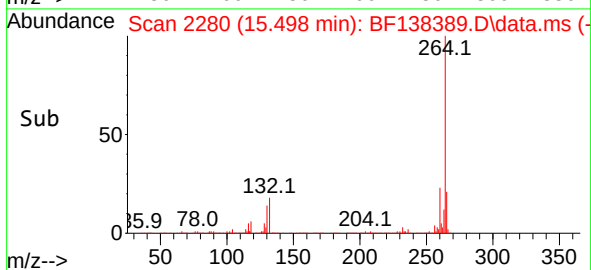
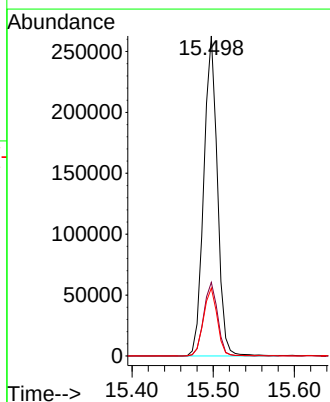
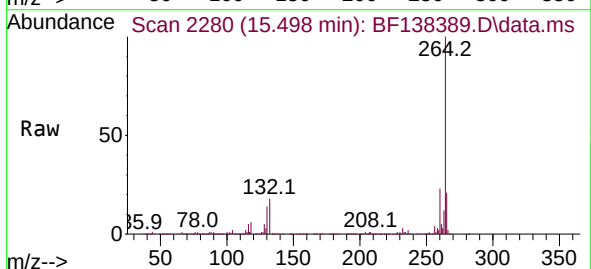
Manual Integrations
APPROVED

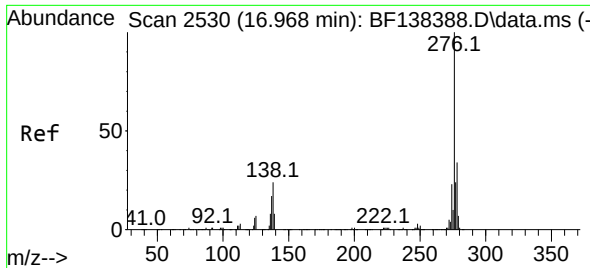
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:264 Resp: 305877
Ion Ratio Lower Upper
264 100
260 23.0 17.8 26.6
265 21.2 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.949 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

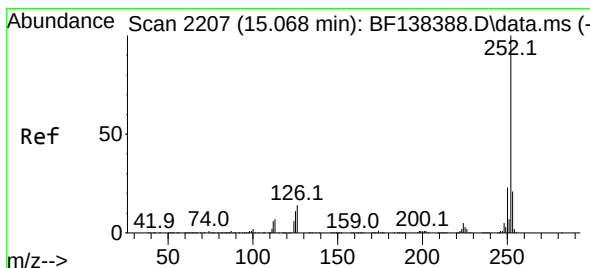
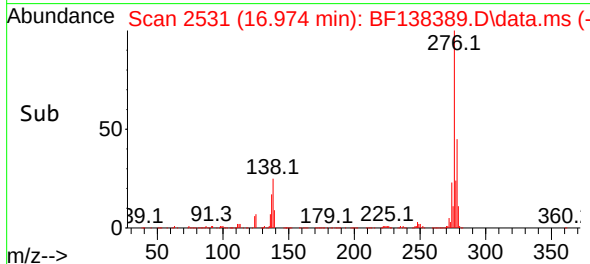
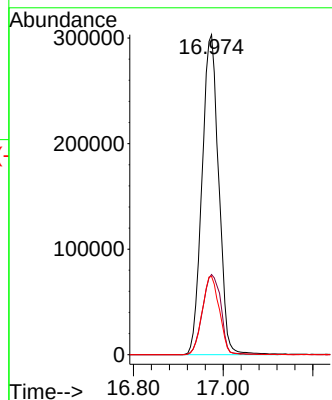
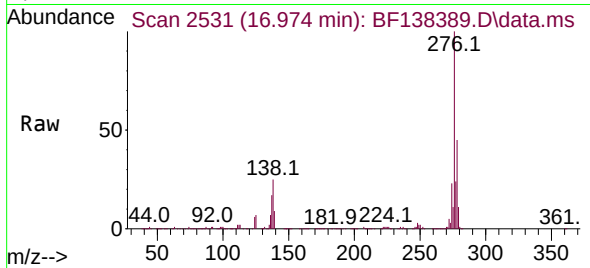
ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 78303
Ion Ratio Lower Upper
276 100
138 27.5 22.1 33.1
277 25.0 20.4 30.6

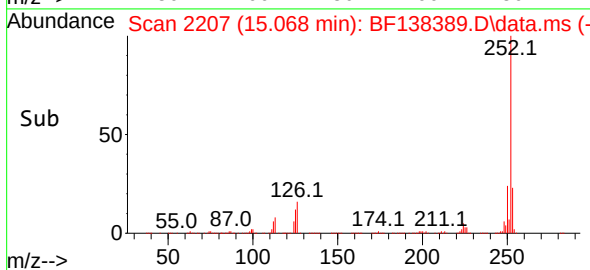
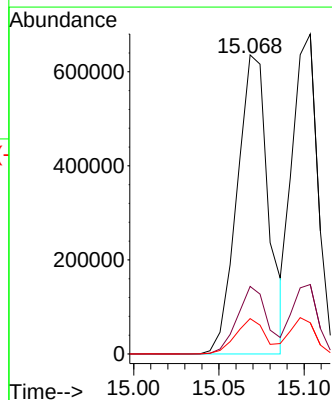
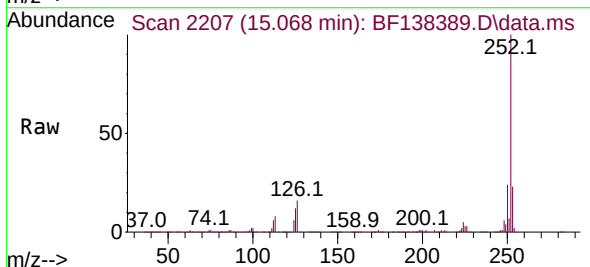
Manual Integrations
APPROVED

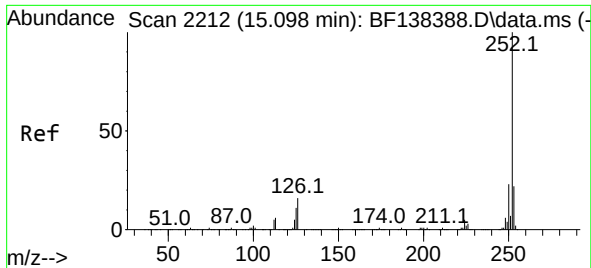
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#88
Benzo(b)fluoranthene
Concen: 48.609 ng
RT: 15.068 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:252 Resp: 815776
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 11.8 8.6 12.8





#89
Benzo(k)fluoranthene
Concen: 46.165 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

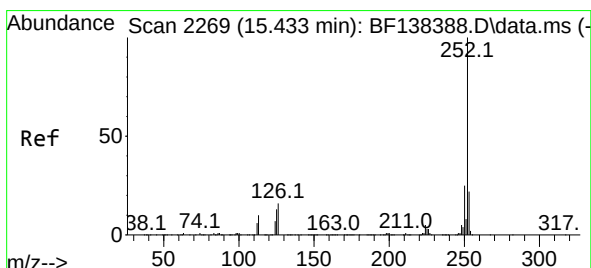
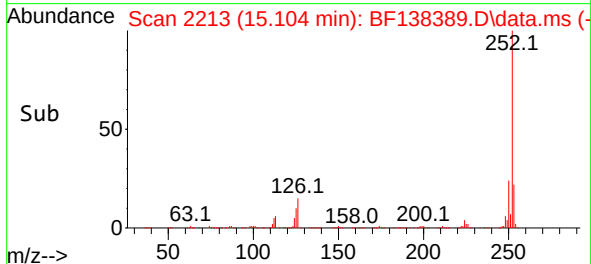
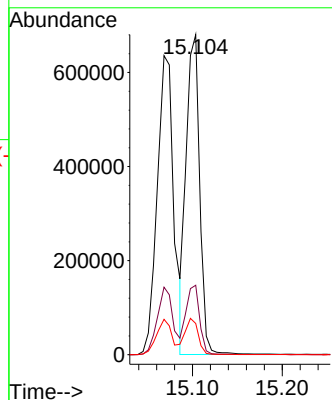
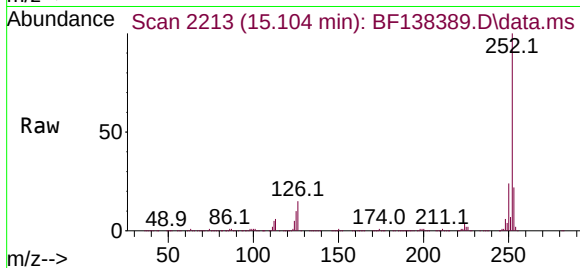
SSTDICC050

Tgt Ion:252 Resp: 713604
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.8 8.7 13.1

Manual Integrations

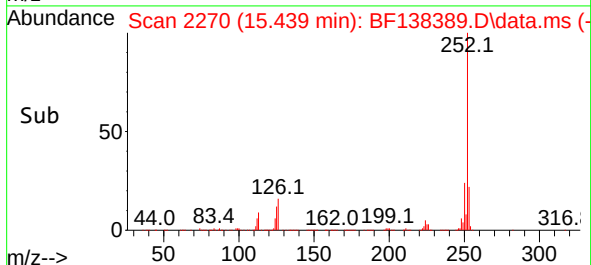
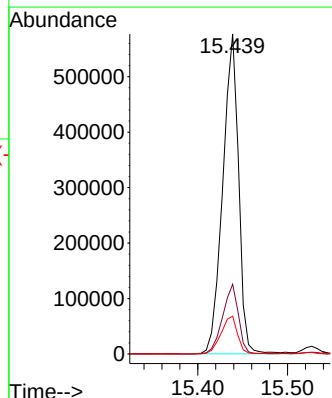
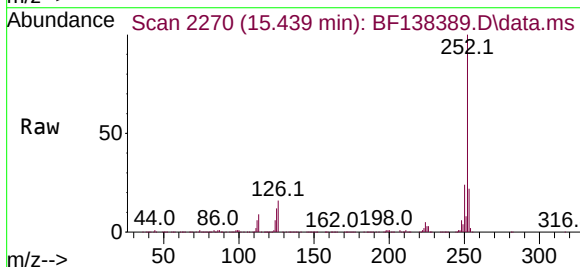
APPROVED

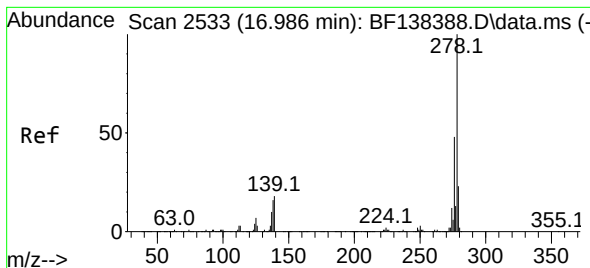
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#90
Benzo(a)pyrene
Concen: 48.004 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF138389.D
Acq: 28 Jun 2024 15:30

Tgt Ion:252 Resp: 706132
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.8 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 50.497 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 62646

Ion Ratio Lower Upper

278 100

139 17.8 14.3 21.5

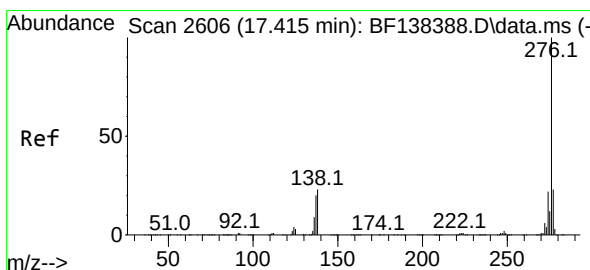
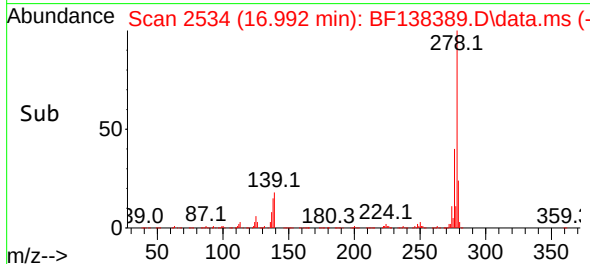
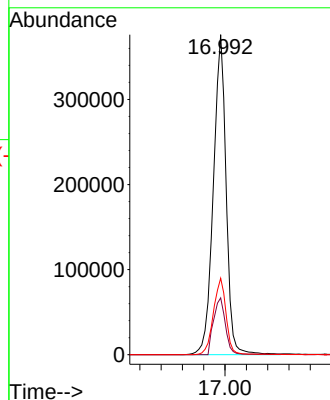
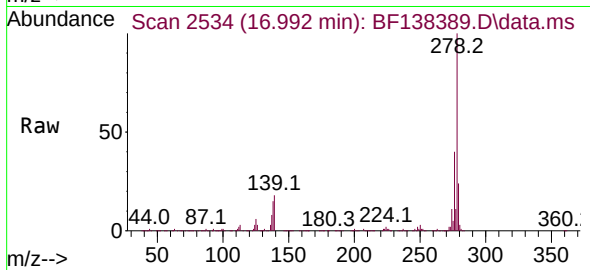
279 23.9 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#92

Benzo(g,h,i)perylene

Concen: 51.068 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.006 min

Lab File: BF138389.D

Acq: 28 Jun 2024 15:30

Tgt Ion:276 Resp: 619777

Ion Ratio Lower Upper

276 100

277 23.1 18.3 27.5

138 24.0 18.3 27.5

