

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138301.D
 Acq On : 24 Jun 2024 10:39
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 24 11:51:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	279647	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1098371	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	603510	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1031433	20.000	ng	0.00
76) Chrysene-d12	14.045	240	518782	20.000	ng	0.00
86) Perylene-d12	15.516	264	545401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1271834	76.080	ng	0.00
7) Phenol-d6	6.516	99	1579148	74.496	ng	0.00
23) Nitrobenzene-d5	7.451	82	1438698	76.255	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	488428	81.295	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2657241	70.014	ng	0.00
79) Terphenyl-d14	12.992	244	2735923	83.527	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	282817	36.968	ng	96
3) Pyridine	3.428	79	639403	35.166	ng	96
4) n-Nitrosodimethylamine	3.393	42	294476	34.995	ng	89
6) Aniline	6.551	93	764255	36.847	ng	97
8) 2-Chlorophenol	6.675	128	697367	38.585	ng	98
9) Benzaldehyde	6.440	77	456540	40.550	ng	96
10) Phenol	6.528	94	831378m	38.647	ng	
11) bis(2-Chloroethyl)ether	6.622	93	660170	38.344	ng	99
12) 1,3-Dichlorobenzene	6.828	146	774710	37.718	ng	99
13) 1,4-Dichlorobenzene	6.904	146	786318	38.041	ng	99
14) 1,2-Dichlorobenzene	7.057	146	734185	37.836	ng	100
15) Benzyl Alcohol	7.028	79	551627	38.594	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	867012	35.681	ng	97
17) 2-Methylphenol	7.140	107	552613	38.754	ng	97
18) Hexachloroethane	7.398	117	279409	39.900	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	460511	36.650	ng	99
20) 3+4-Methylphenols	7.293	107	665790	37.096	ng	96
22) Acetophenone	7.298	105	890622	35.495	ng	# 97
24) Nitrobenzene	7.469	77	729276	37.399	ng	97
25) Isophorone	7.704	82	1276327	37.400	ng	97
26) 2-Nitrophenol	7.781	139	378496	48.271	ng	95
27) 2,4-Dimethylphenol	7.816	122	441562	37.015	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	811184	37.972	ng	100
29) 2,4-Dichlorophenol	8.022	162	594173	38.687	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	686007	37.874	ng	98
31) Naphthalene	8.192	128	2006822	36.950	ng	99
32) Benzoic acid	7.934	122	465138m	44.240	ng	
33) 4-Chloroaniline	8.240	127	737527	36.332	ng	97
34) Hexachlorobutadiene	8.304	225	415238	39.199	ng	98
35) Caprolactam	8.616	113	176322	38.027	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	586737	38.369	ng	97
37) 2-Methylnaphthalene	8.881	142	1329932	37.311	ng	100
38) 1-Methylnaphthalene	8.981	142	1313242	37.597	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	664590	37.684	ng	99
41) Hexachlorocyclopentadiene	9.034	237	238072	41.401	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	434247	39.325	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	477221	39.353	ng	97
46) 1,1'-Biphenyl	9.345	154	1642886	37.098	ng	98
47) 2-Chloronaphthalene	9.369	162	1312095	37.490	ng	99
48) 2-Nitroaniline	9.463	65	346366	41.094	ng	96
49) Acenaphthylene	9.787	152	1815067	36.985	ng	99
50) Dimethylphthalate	9.645	163	1430173	38.677	ng	100
51) 2,6-Dinitrotoluene	9.704	165	352580	43.952	ng	96
52) Acenaphthene	9.957	154	1246599	37.251	ng	99
53) 3-Nitroaniline	9.875	138	345738	40.344	ng	97
54) 2,4-Dinitrophenol	9.981	184	148789	44.770	ng	# 87
55) Dibenzofuran	10.128	168	1717228	36.707	ng	100
56) 4-Nitrophenol	10.028	139	242016	35.736	ng	96
57) 2,4-Dinitrotoluene	10.110	165	444331	44.908	ng	99
58) Fluorene	10.475	166	1335968	36.321	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	376351	39.711	ng	99
60) Diethylphthalate	10.345	149	1391221	39.642	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	686432	37.471	ng	99
62) 4-Nitroaniline	10.492	138	335072	39.133	ng	93
63) Azobenzene	10.622	77	1290755	36.711	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	222922	43.221	ng	83
66) n-Nitrosodiphenylamine	10.581	169	1181778	37.425	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	454520	39.107	ng	# 91
68) Hexachlorobenzene	11.016	284	520438	38.371	ng	99
69) Atrazine	11.104	200	329811	36.669	ng	98
70) Pentachlorophenol	11.210	266	305311	38.597	ng	98
71) Phenanthrene	11.433	178	1854552	36.358	ng	100
72) Anthracene	11.486	178	1849960	36.529	ng	99
73) Carbazole	11.639	167	1645137	35.418	ng	99
74) Di-n-butylphthalate	11.969	149	1938753	40.317	ng	99
75) Fluoranthene	12.622	202	1851648	35.599	ng	99
77) Benzidine	12.739	184	403774	67.289	ng	99
78) Pyrene	12.851	202	1842129	41.167	ng	99
80) Butylbenzylphthalate	13.469	149	586681	48.200	ng	98
81) Benzo(a)anthracene	14.033	228	1256738	37.760	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	420001	45.825	ng	100
83) Chrysene	14.074	228	1215449	38.313	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	717802	50.704	ng	98
85) Di-n-octyl phthalate	14.639	149	1154829	54.910	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1479607	41.615	ng	100
88) Benzo(b)fluoranthene	15.086	252	1150317	35.765	ng	99
89) Benzo(k)fluoranthene	15.116	252	1174423	37.259	ng	100
90) Benzo(a)pyrene	15.457	252	1048090	37.932	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	1219091	41.773	ng	98
92) Benzo(g,h,i)perylene	17.451	276	1250308	41.413	ng	99

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

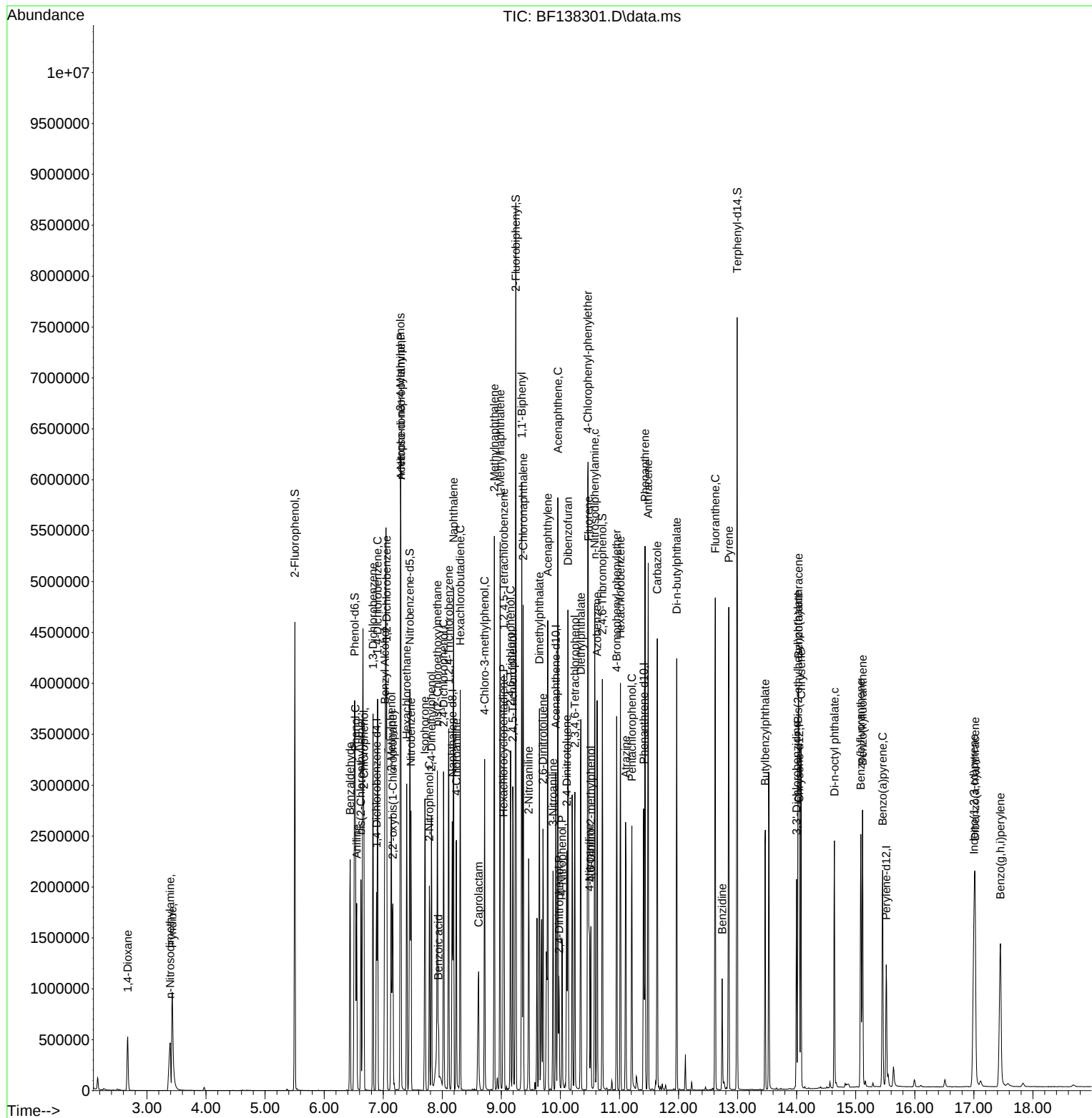
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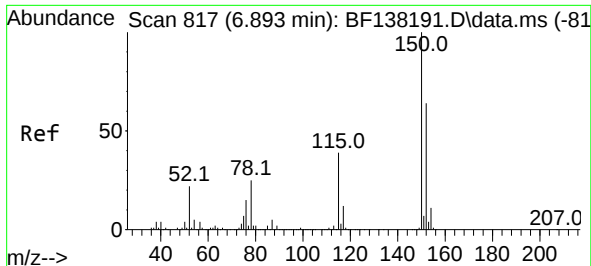
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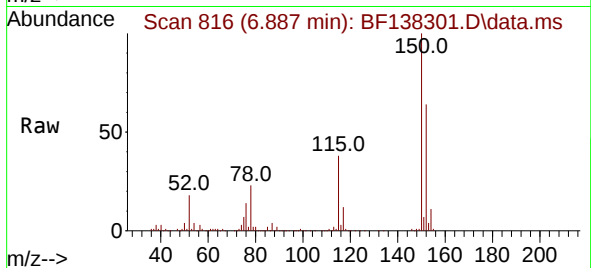
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

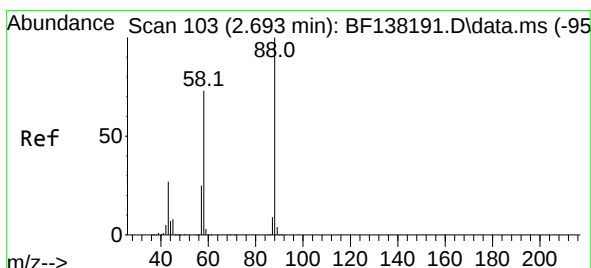
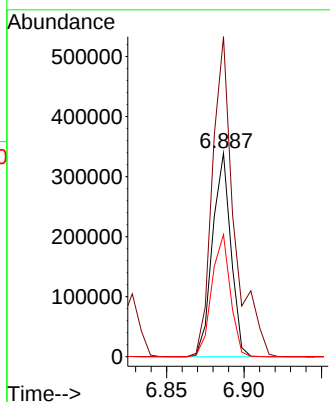
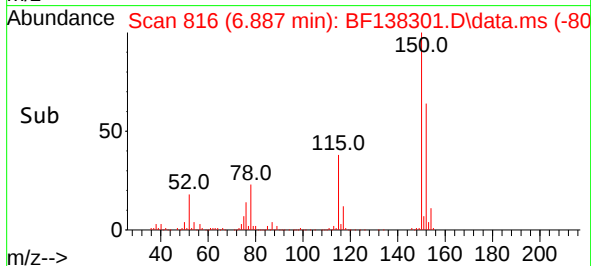
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



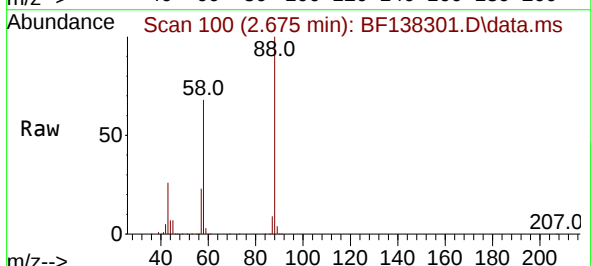
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Ion Ratio Lower Upper
152 100
150 157.2 125.0 187.4
115 60.0 48.4 72.6

Manual Integrations
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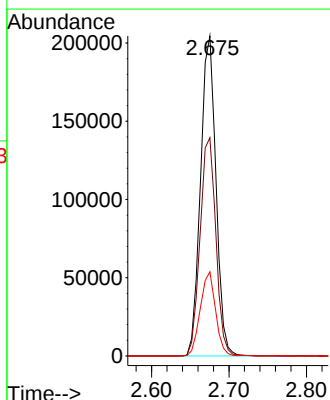
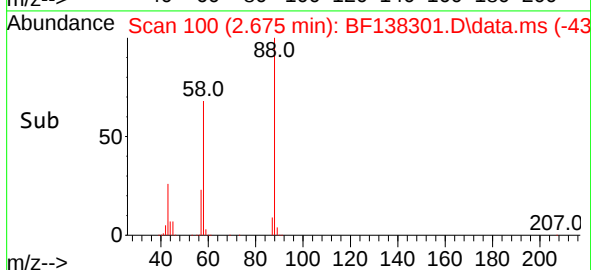
Reviewed By :Yogesh Patel 06/25/2024
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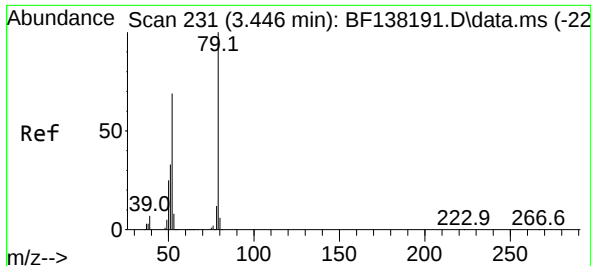


#2
1,4-Dioxane
Concen: 36.968 ng
RT: 2.675 min Scan# 100
Delta R.T. -0.018 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



Tgt Ion: 88 Resp: 282817
Ion Ratio Lower Upper
88 100
58 69.8 58.6 87.8
43 26.1 22.4 33.6





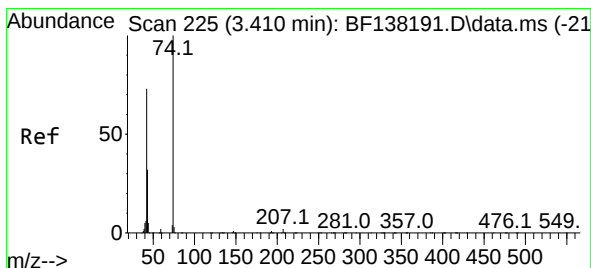
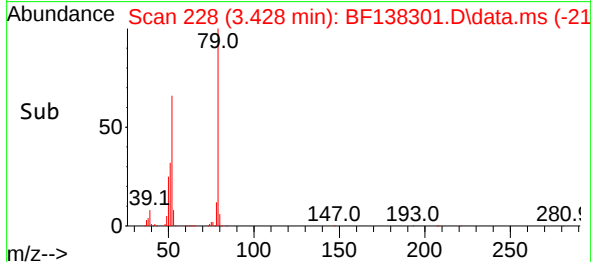
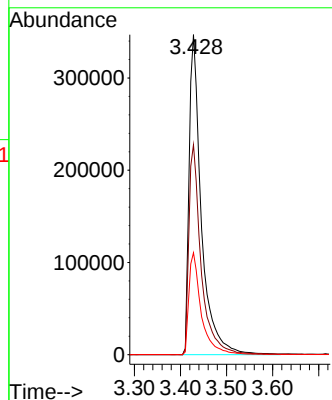
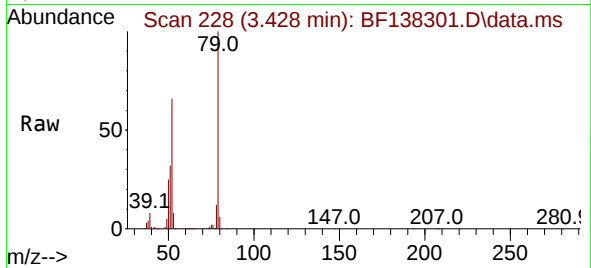
#3
Pyridine
Concen: 35.166 ng
RT: 3.428 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 63940
Ion Ratio Lower Upper
79 100
52 65.6 55.0 82.4
51 31.9 26.9 40.3

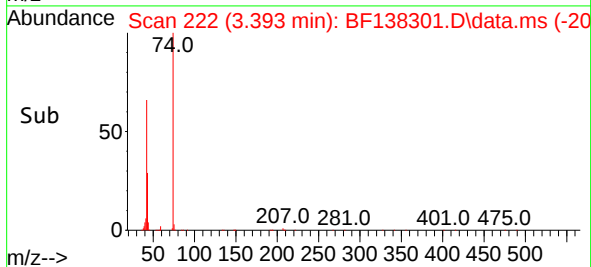
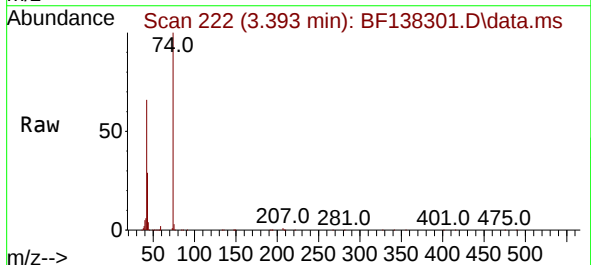
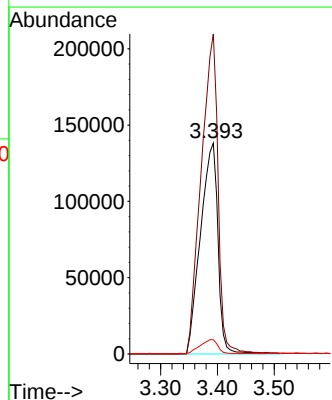
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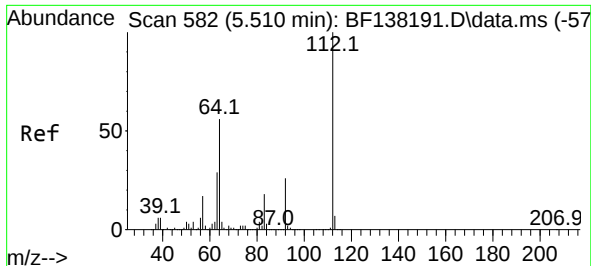
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#4
n-Nitrosodimethylamine
Concen: 34.995 ng
RT: 3.393 min Scan# 222
Delta R.T. -0.018 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion: 42 Resp: 294476
Ion Ratio Lower Upper
42 100
74 151.7 109.9 164.9
44 6.8 5.2 7.8





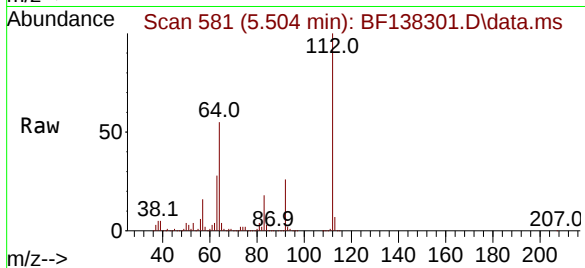
#5
2-Fluorophenol
Concen: 76.080 ng
RT: 5.504 min Scan# 582
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



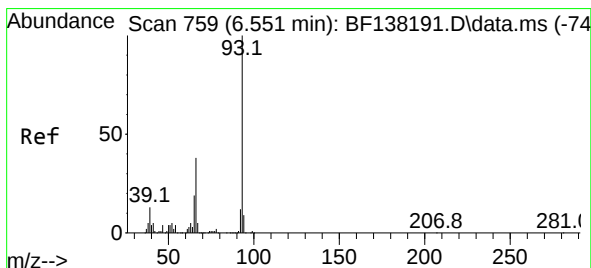
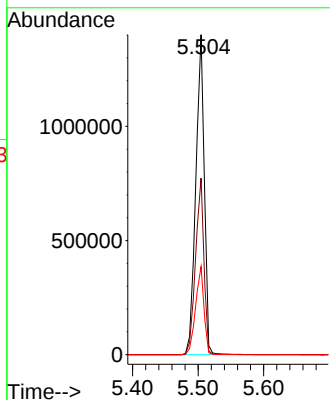
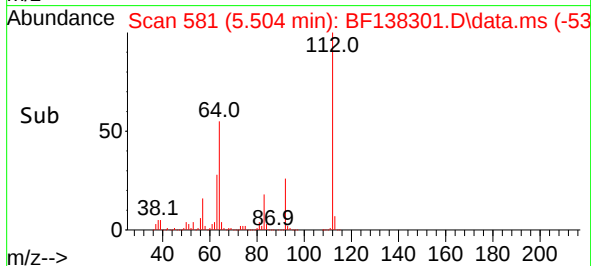
Tgt Ion:112 Resp: 1271834
Ion Ratio Lower Upper
112 100
64 55.2 45.2 67.8
63 27.5 22.9 34.3

Manual Integrations

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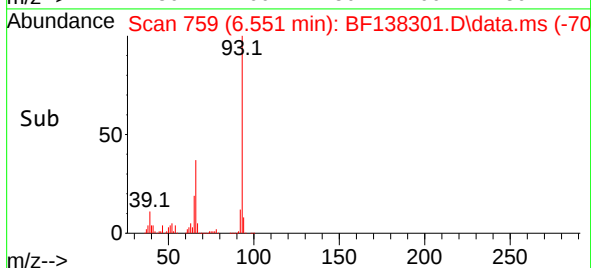
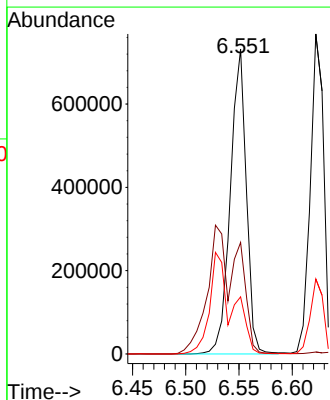
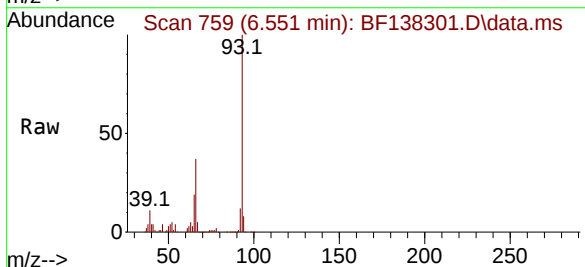
Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#6
Aniline
Concen: 36.847 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion: 93 Resp: 764255
Ion Ratio Lower Upper
93 100
66 36.6 30.8 46.2
65 18.8 15.5 23.3





#7

Phenol-d6

Concen: 74.496 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 157914

Ion Ratio Lower Upper

99 100

42 16.4 13.7 20.5

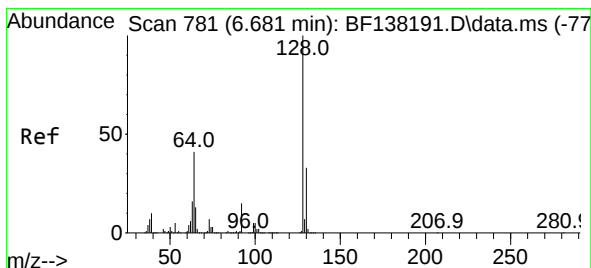
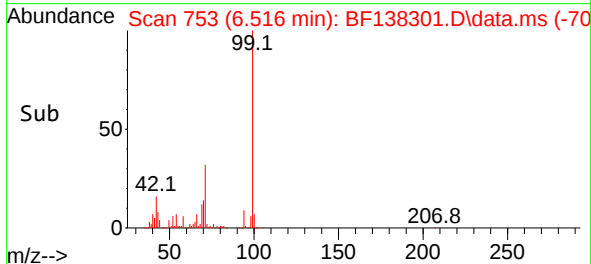
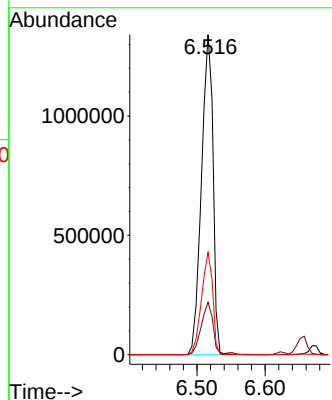
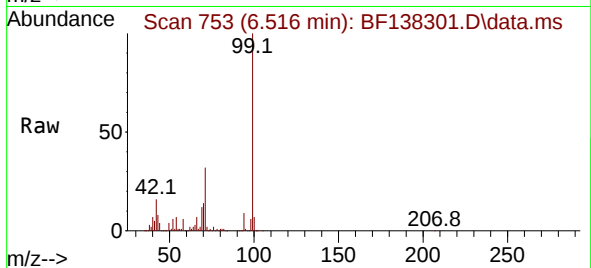
71 32.0 25.0 37.6

Manual Integrations

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#8

2-Chlorophenol

Concen: 38.585 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

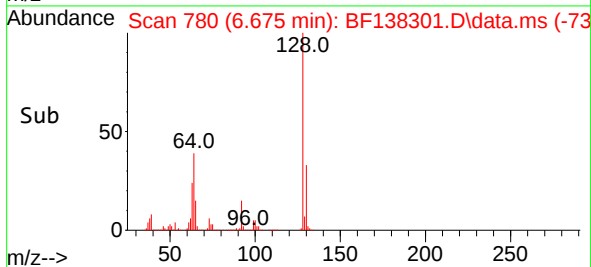
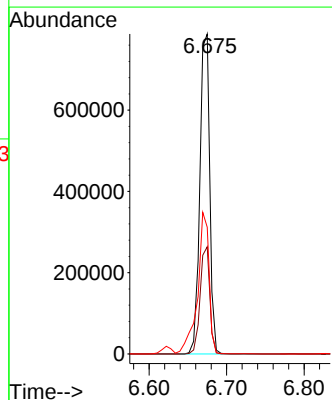
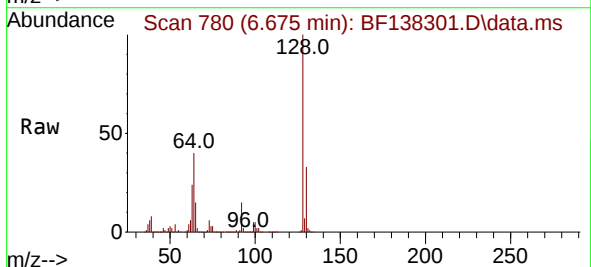
Tgt Ion:128 Resp: 697367

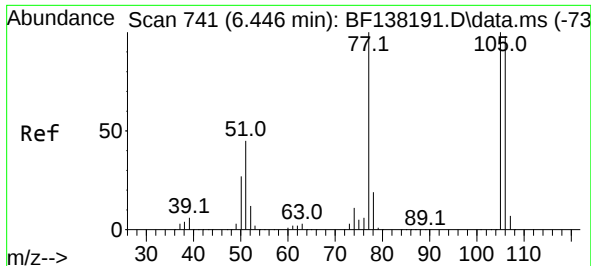
Ion Ratio Lower Upper

128 100

130 33.5 13.1 53.1

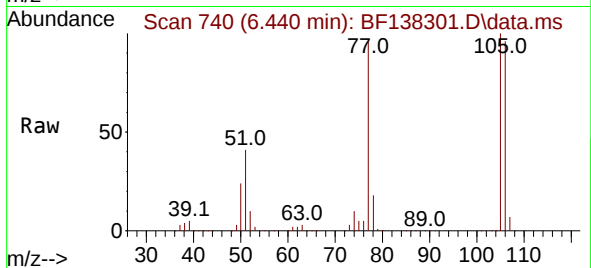
64 39.6 21.8 61.8





#9
Benzaldehyde
Concen: 40.550 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF138301.D
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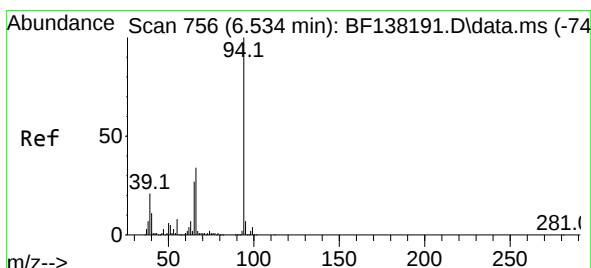
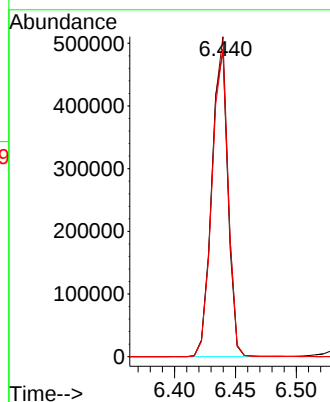
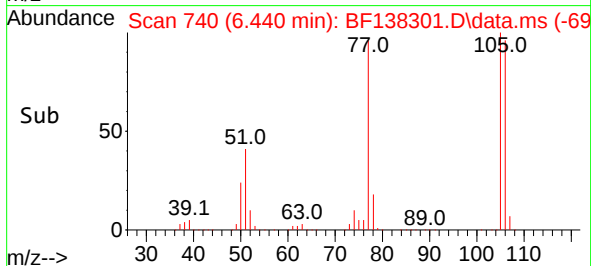
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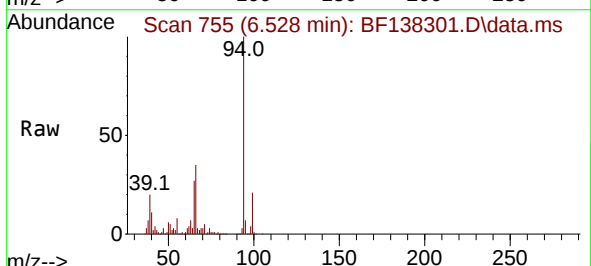
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Ion Ratio Lower Upper
77 100
105 104.5 80.1 120.1
106 100.6 77.8 117.8

Manual Integrations
APPROVED

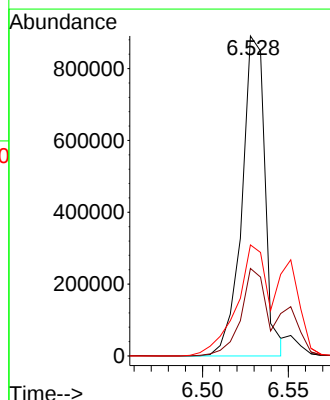
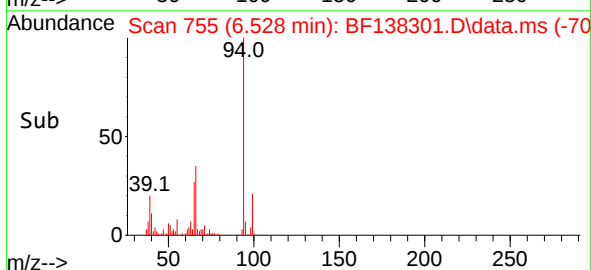
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

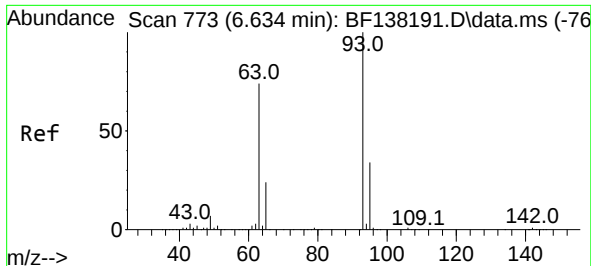


#10
Phenol
Concen: 38.647 ng m
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



Tgt Ion: 94 Resp: 831378
Ion Ratio Lower Upper
94 100
65 27.4 6.8 46.8
66 34.7 14.2 54.2





#11
bis(2-Chloroethyl)ether
Concen: 38.344 ng
RT: 6.622 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

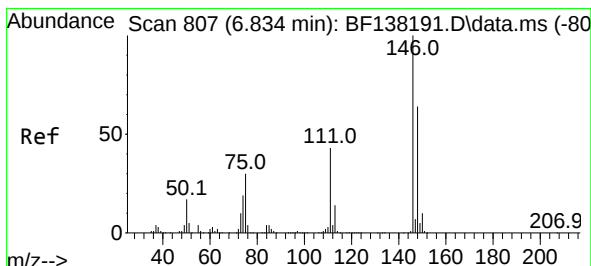
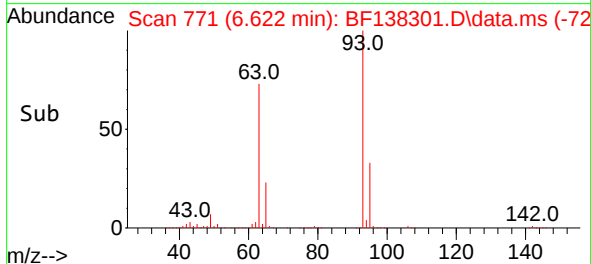
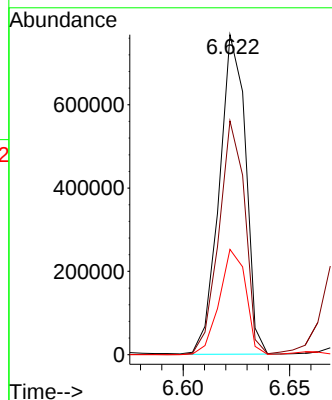
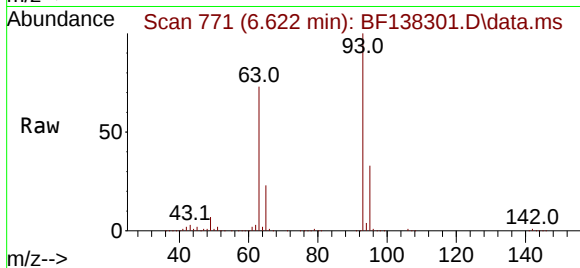
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 660170
Ion Ratio Lower Upper
93 100
63 73.0 52.5 92.5
95 32.9 13.2 53.2

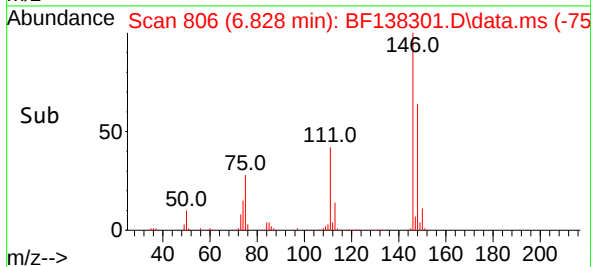
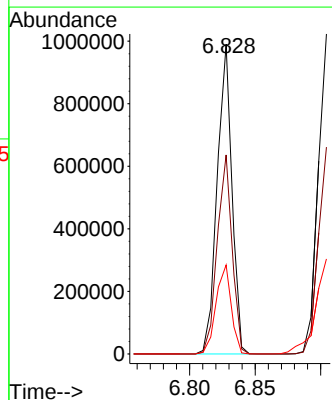
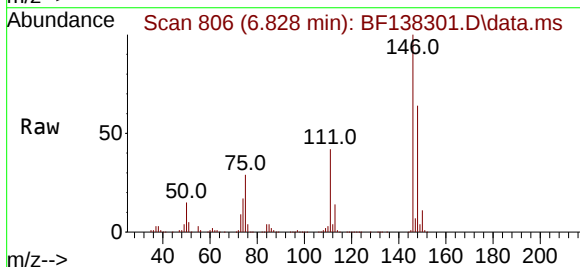
Manual Integrations
APPROVED

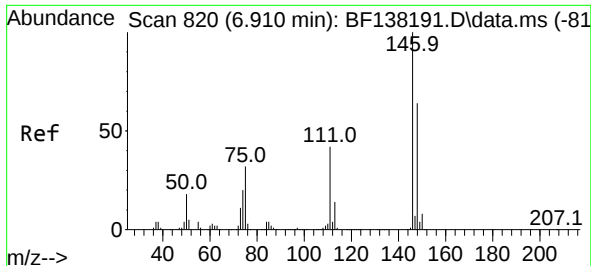
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#12
1,3-Dichlorobenzene
Concen: 37.718 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

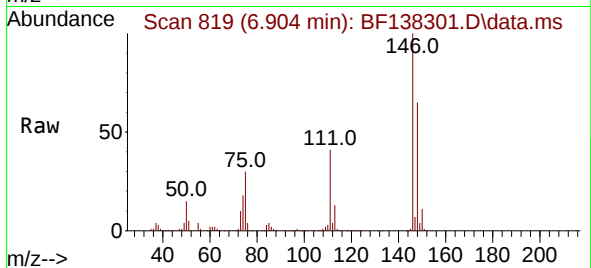
Tgt Ion:146 Resp: 774710
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
75 28.7 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 38.041 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

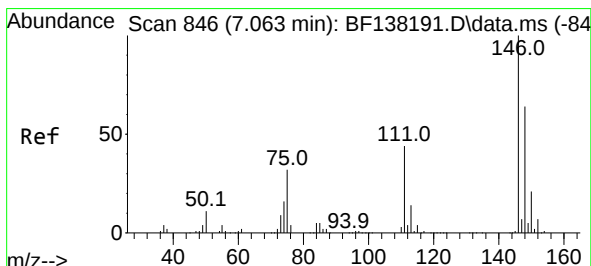
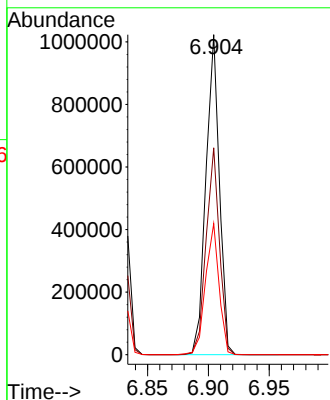
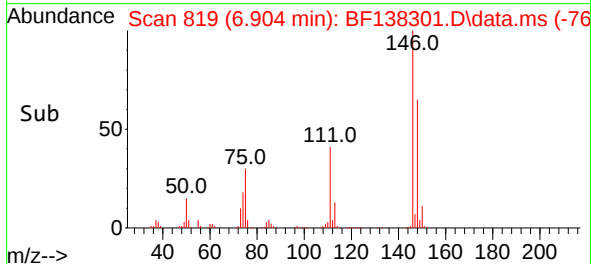
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



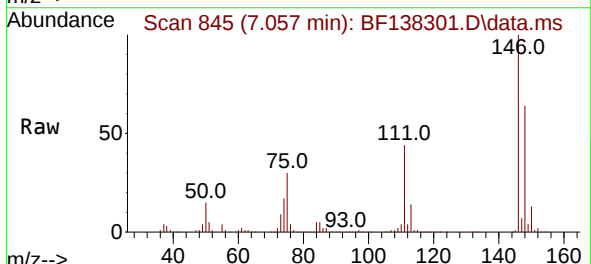
Tgt Ion:146 Resp: 786318
Ion Ratio Lower Upper
146 100
148 64.7 51.1 76.7
111 40.9 33.7 50.5

Manual Integrations
APPROVED

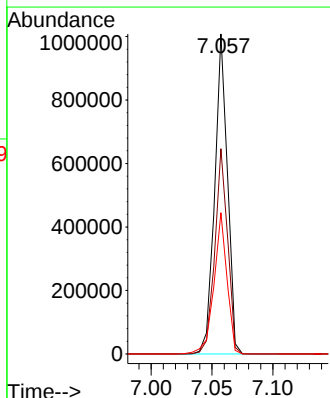
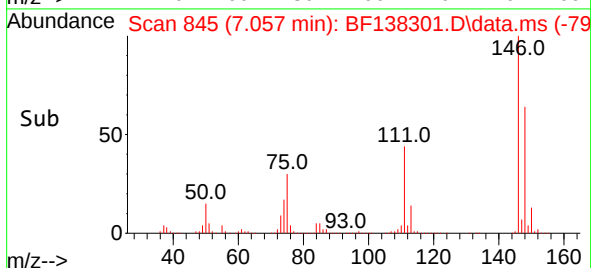
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#14
1,2-Dichlorobenzene
Concen: 37.836 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



Tgt Ion:146 Resp: 734185
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 44.1 35.4 53.2





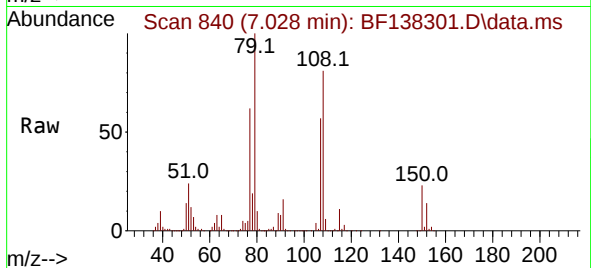
#15
Benzyl Alcohol
Concen: 38.594 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

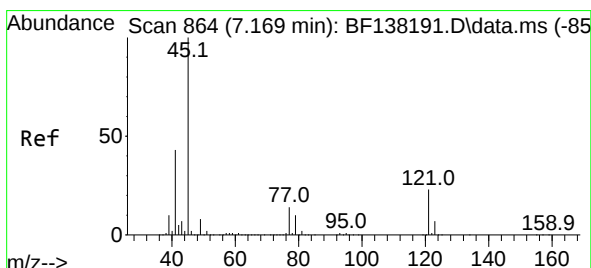
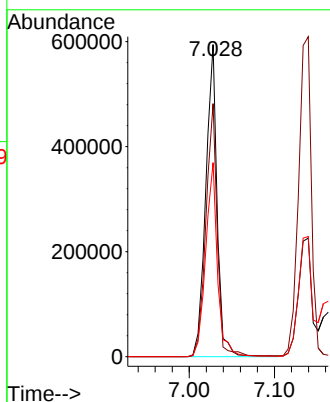
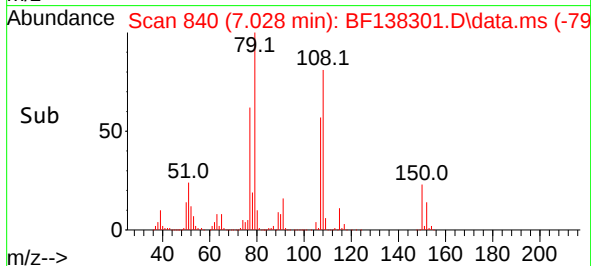
SSTDCCC040



Tgt Ion: 79 Resp: 55162
Ion Ratio Lower Upper
79 100
108 81.1 65.9 98.9
77 62.2 50.3 75.5

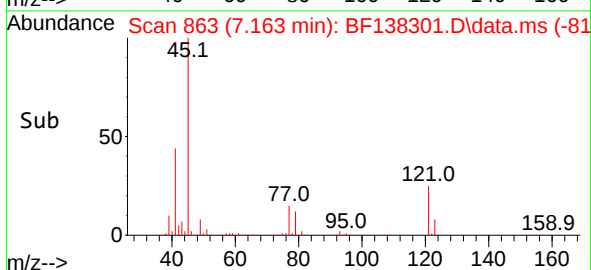
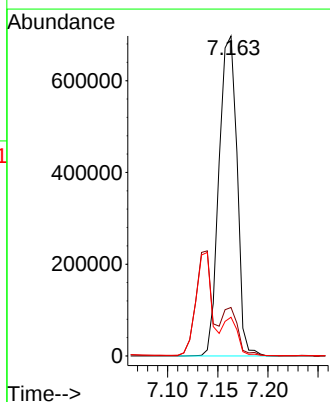
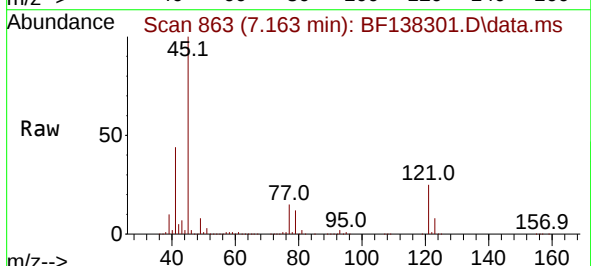
Manual Integrations
APPROVED

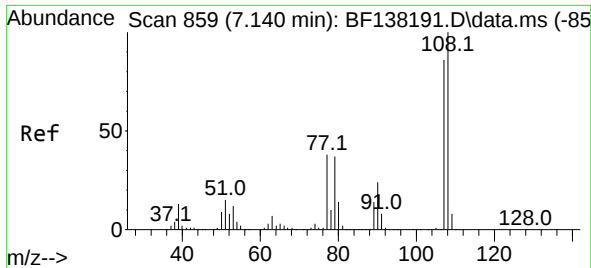
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.681 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion: 45 Resp: 867012
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.9
79 12.1 0.0 30.7





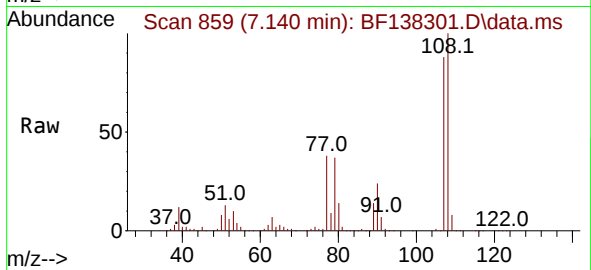
#17
2-Methylphenol
Concen: 38.754 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

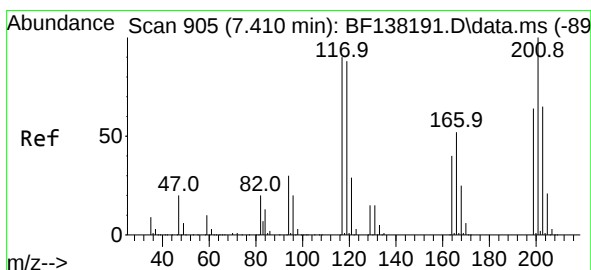
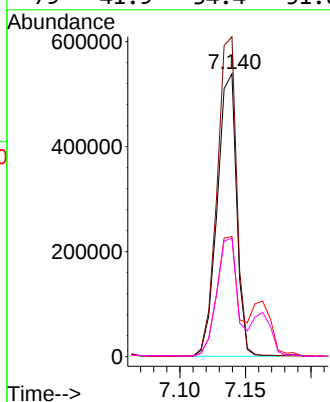
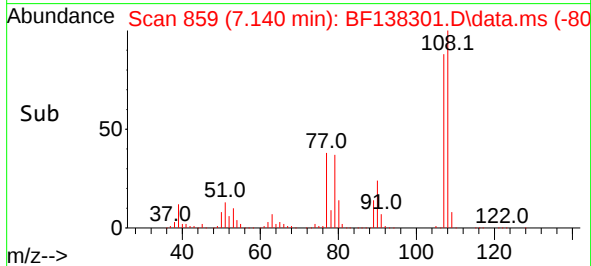


Tgt Ion:107 Resp: 55261
Ion Ratio Lower Upper
107 100
108 113.1 92.7 139.1
77 42.5 35.7 53.5
79 41.9 34.4 51.6

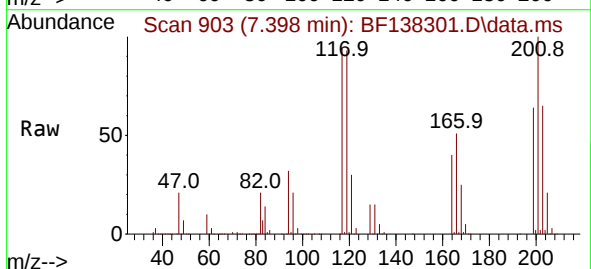
Manual Integrations

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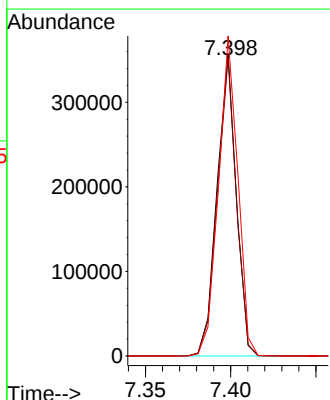
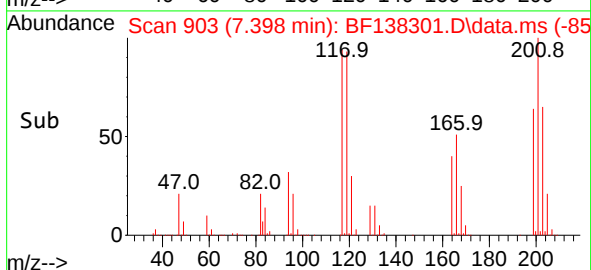
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

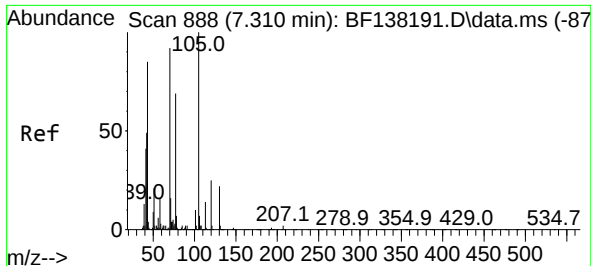


#18
Hexachloroethane
Concen: 39.900 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



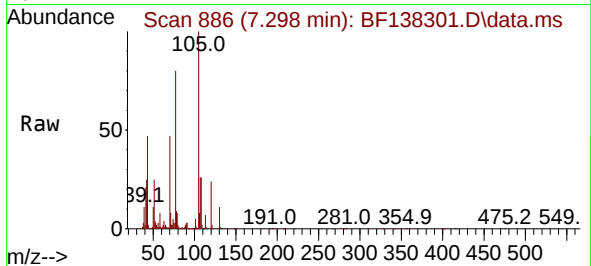
Tgt Ion:117 Resp: 279409
Ion Ratio Lower Upper
117 100
119 98.5 78.4 117.6
201 105.8 89.0 133.6





#19
n-Nitroso-di-n-propylamine
Concen: 36.650 ng
RT: 7.298 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

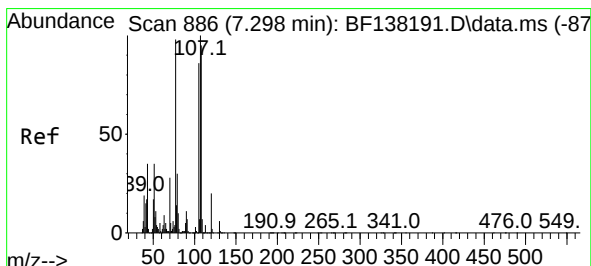
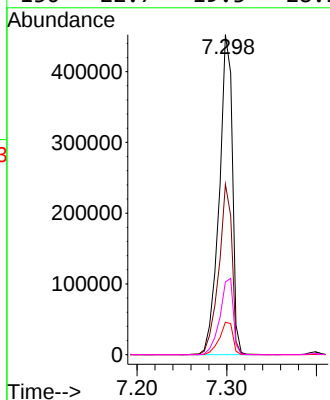
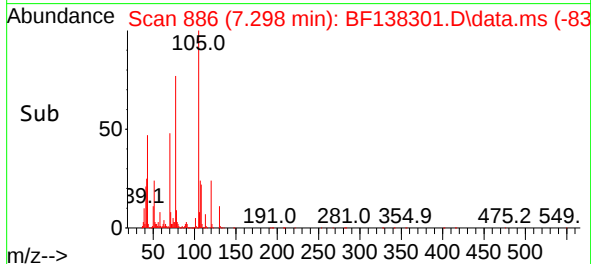
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



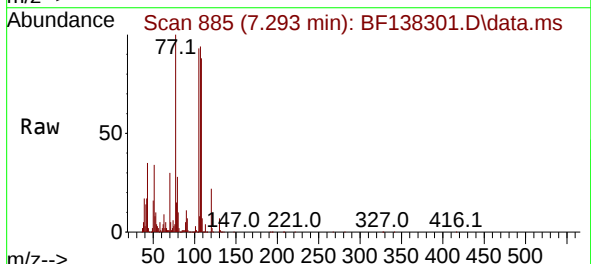
Tgt Ion: 70 Resp: 46051
Ion Ratio Lower Upper
70 100
42 53.3 42.8 64.2
101 10.1 8.4 12.6
130 22.7 19.3 28.9

Manual Integrations
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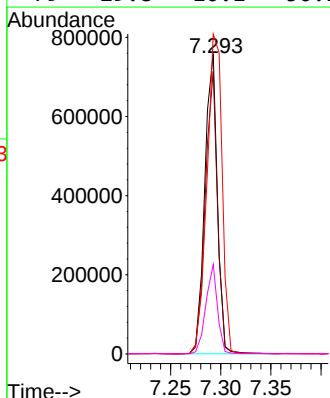
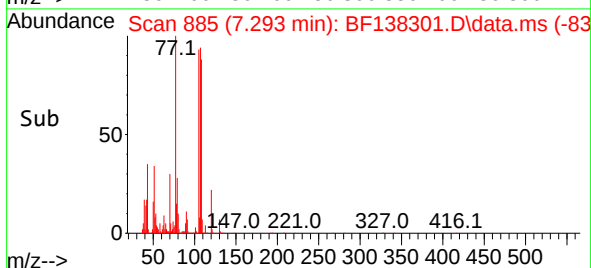
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

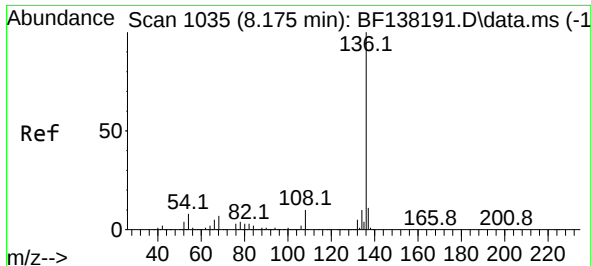


#20
3+4-Methylphenols
Concen: 37.096 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



Tgt Ion:107 Resp: 665790
Ion Ratio Lower Upper
107 100
108 94.1 74.9 114.9
77 106.5 78.2 118.2
79 29.8 10.1 50.1





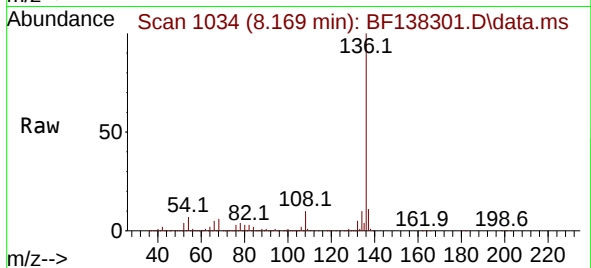
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



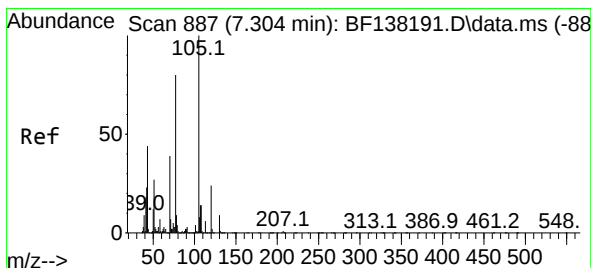
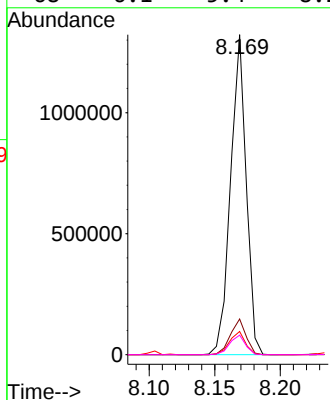
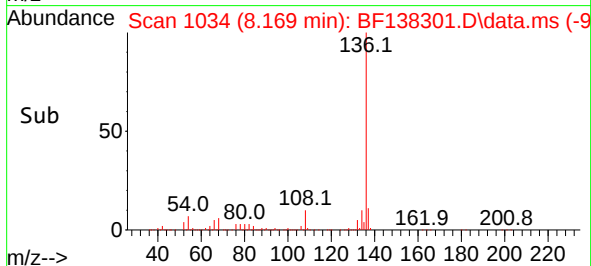
Tgt Ion:136 Resp: 109837
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.2 6.6 10.0
68 6.1 5.4 8.2

Manual Integrations

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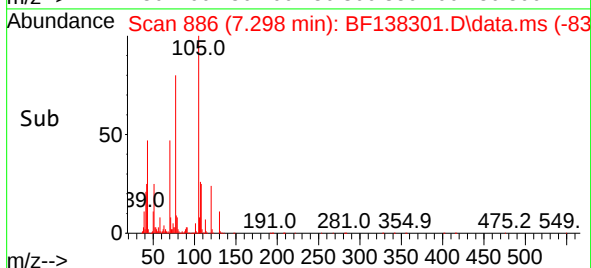
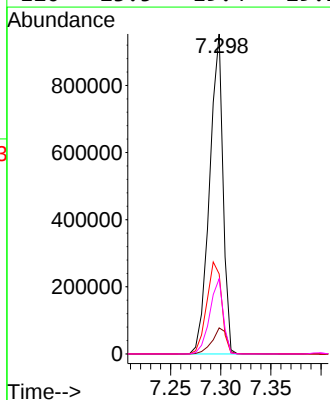
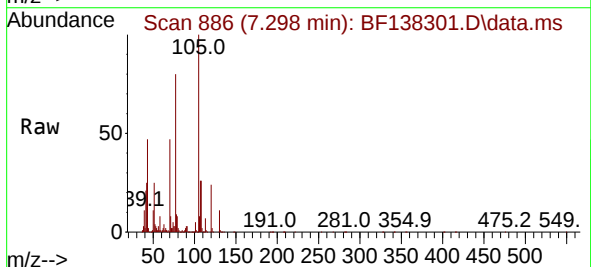
Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#22
Acetophenone
Concen: 35.495 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion:105 Resp: 890622
Ion Ratio Lower Upper
105 100
71 8.2 5.4 8.2#
51 25.0 21.4 32.0
120 23.5 19.4 29.2





#23

Nitrobenzene-d5

Concen: 76.255 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 143869

Ion Ratio Lower Upper

82 100

128 48.4 37.2 55.8

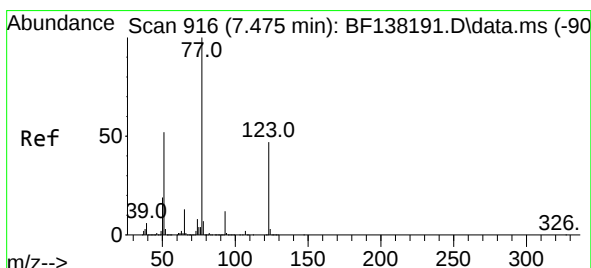
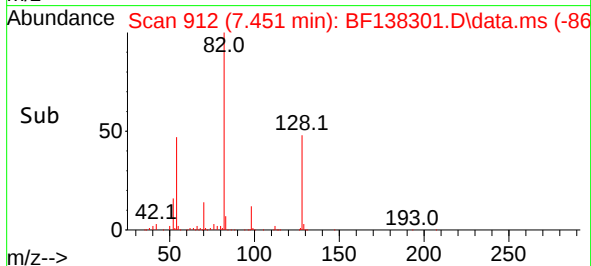
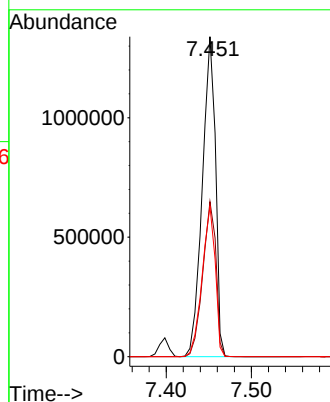
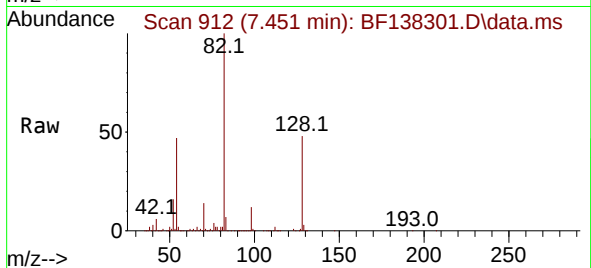
54 47.0 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#24

Nitrobenzene

Concen: 37.399 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

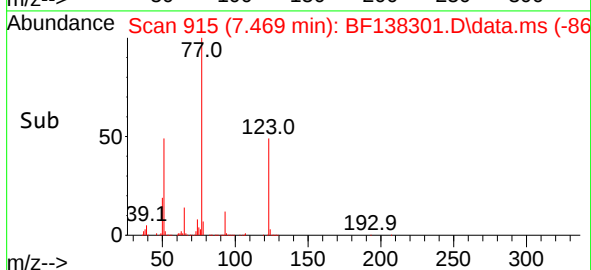
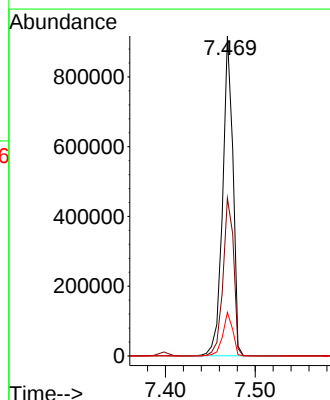
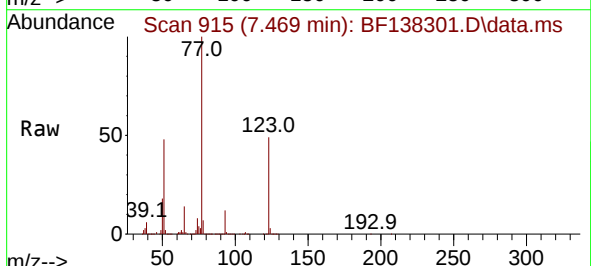
Tgt Ion: 77 Resp: 729276

Ion Ratio Lower Upper

77 100

123 49.3 37.3 55.9

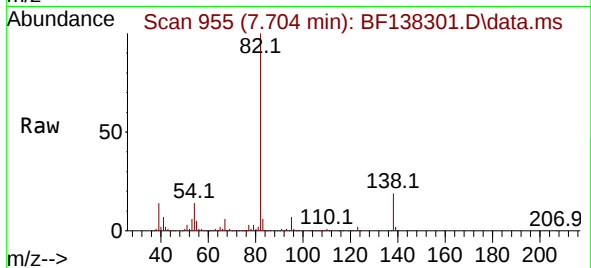
65 13.6 10.6 15.8





#25
Isophorone
Concen: 37.400 ng
RT: 7.704 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

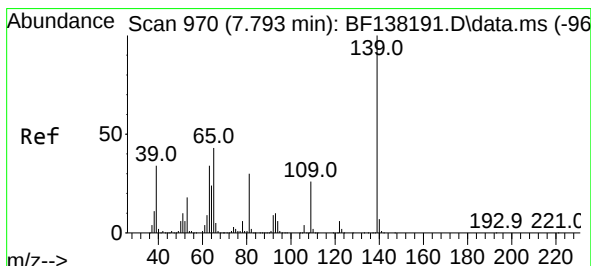
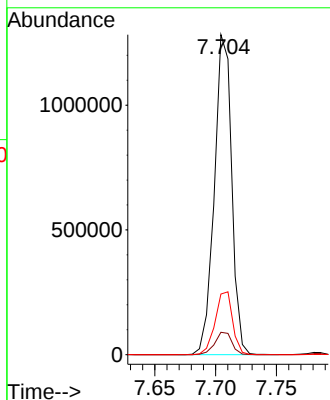
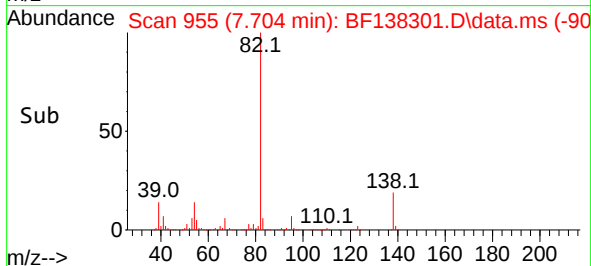
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 127632
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.9 16.4 24.6

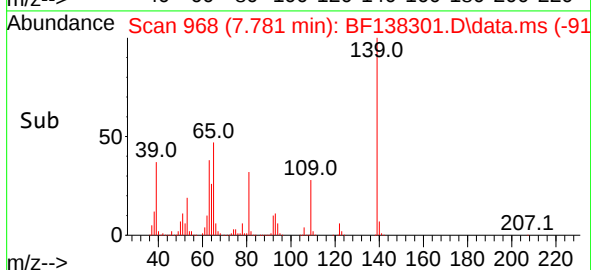
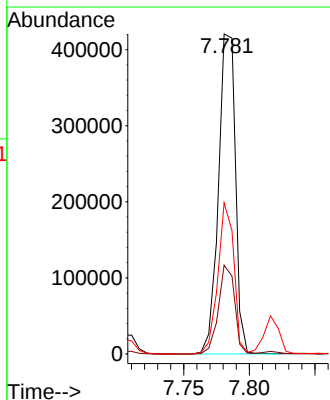
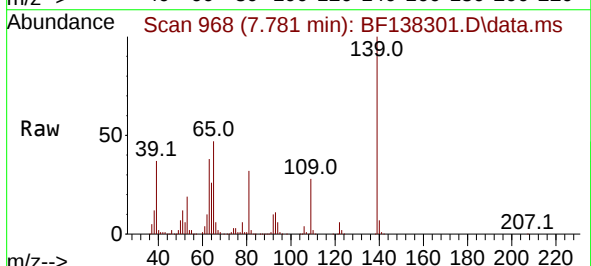
Manual Integrations
APPROVED

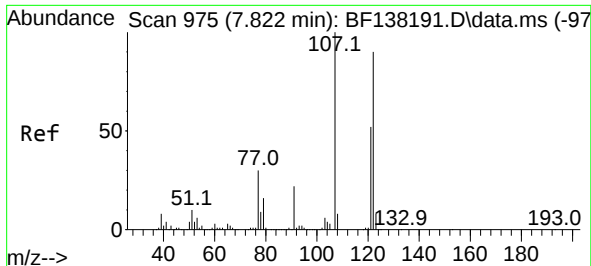
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#26
2-Nitrophenol
Concen: 48.271 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion:139 Resp: 378496
Ion Ratio Lower Upper
139 100
109 27.7 20.7 31.1
65 47.2 34.5 51.7





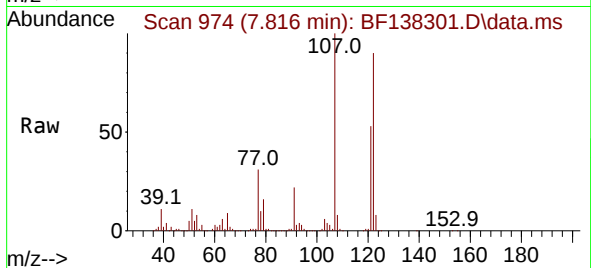
#27
2,4-Dimethylphenol
Concen: 37.015 ng
RT: 7.816 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

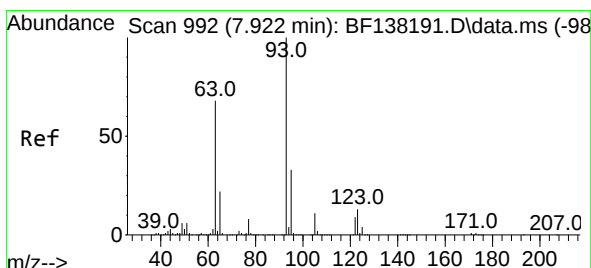
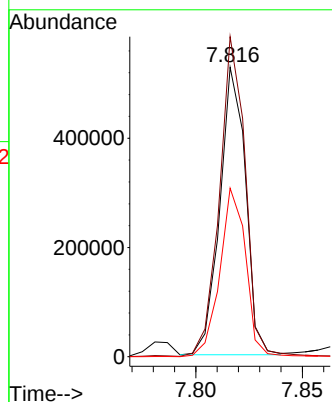
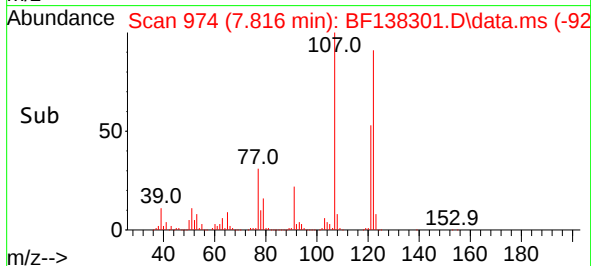


Tgt Ion:122 Resp: 441562
Ion Ratio Lower Upper
122 100
107 110.5 87.7 131.5
121 58.2 45.8 68.8

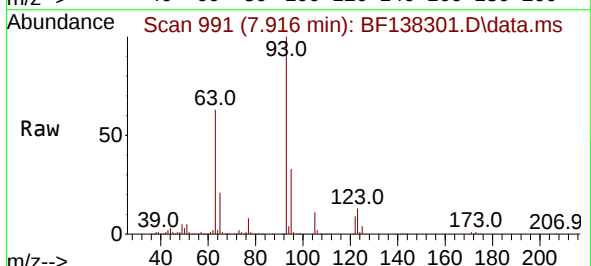
Manual Integrations

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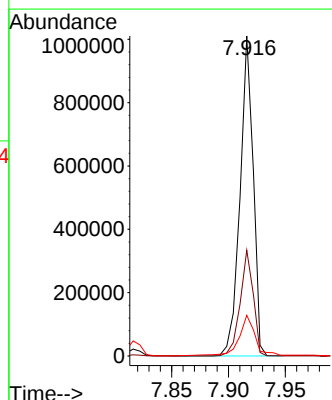
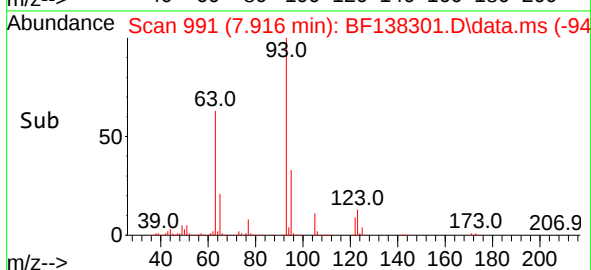
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#28
bis(2-Chloroethoxy)methane
Concen: 37.972 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



Tgt Ion: 93 Resp: 811184
Ion Ratio Lower Upper
93 100
95 33.1 26.6 39.8
123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.687 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

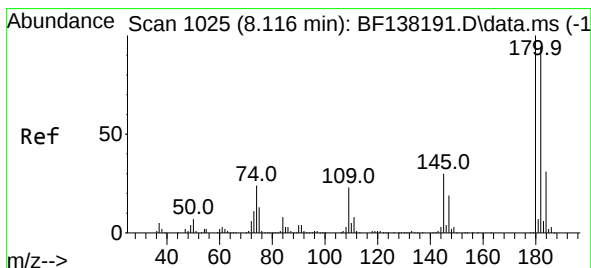
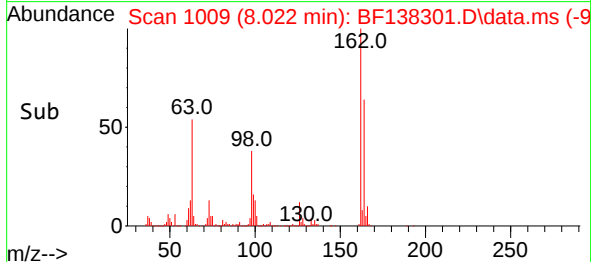
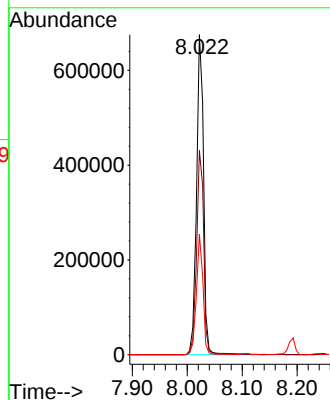
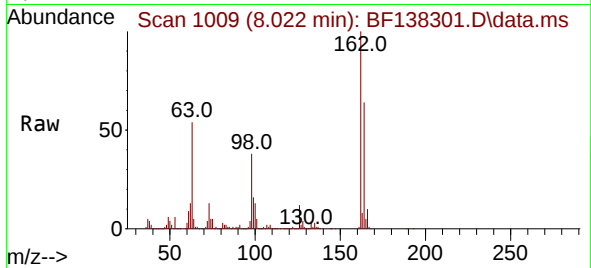
Tgt Ion:162 Resp: 59417
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.3 84.3
 98 37.7 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#30

1,2,4-Trichlorobenzene

Concen: 37.874 ng

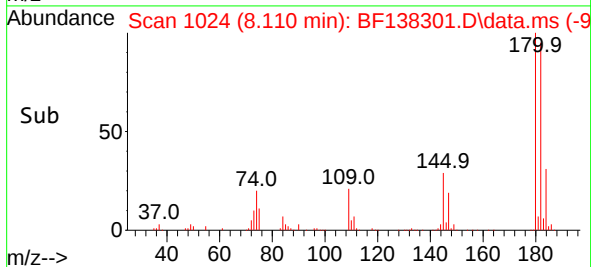
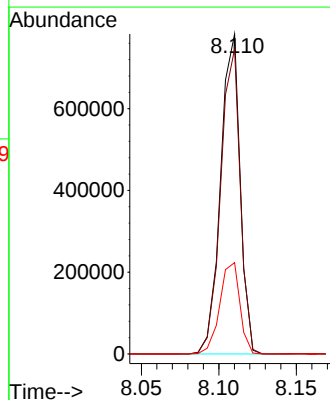
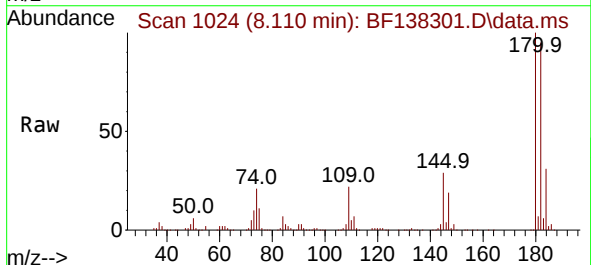
RT: 8.110 min Scan# 1024

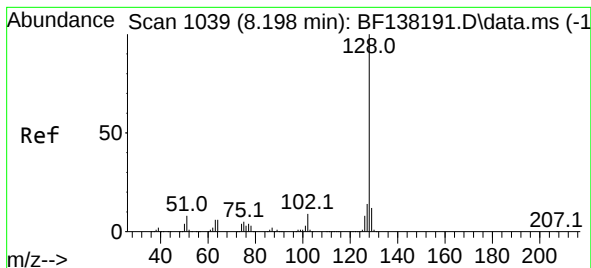
Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

Tgt Ion:180 Resp: 686007
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.0 112.6
 145 28.6 23.8 35.6





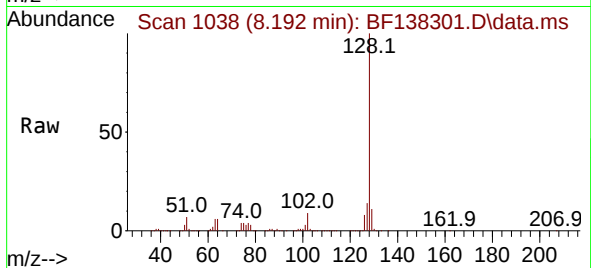
#31
Naphthalene
Concen: 36.950 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



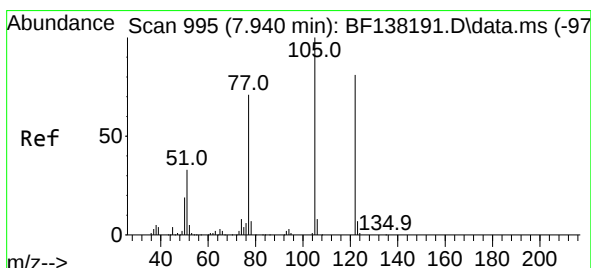
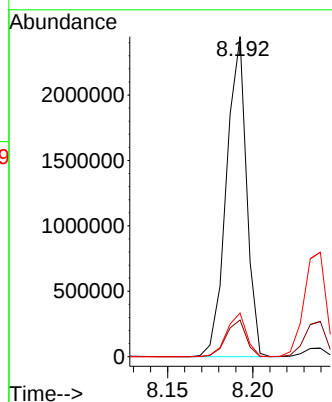
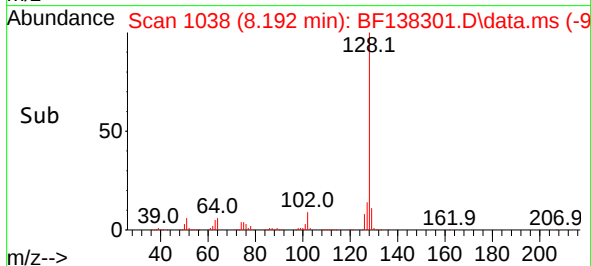
Tgt Ion:128 Resp: 200682
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.7 11.0 16.6

Manual Integrations

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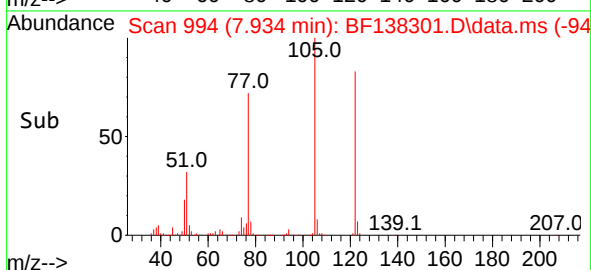
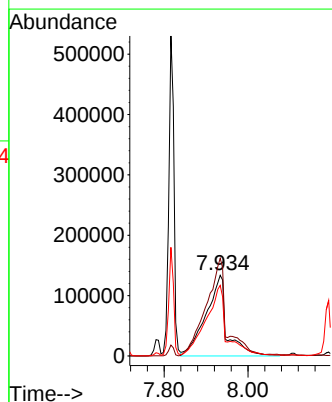
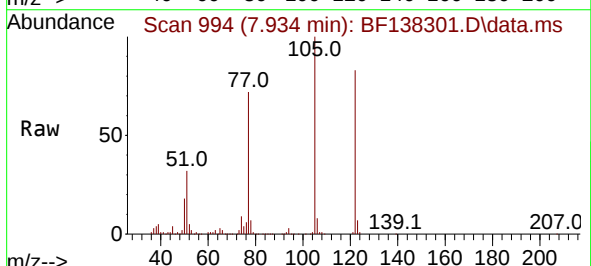
Reviewed By :Yogesh Patel 06/25/2024

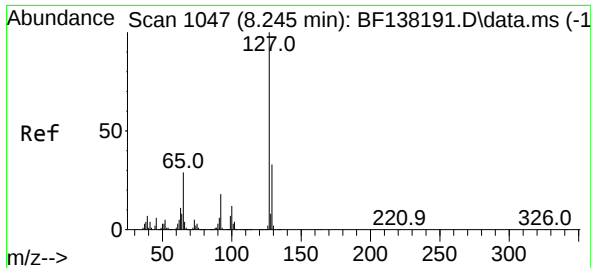
Supervised By :mohammad ahmed 06/26/2024



#32
Benzoic acid
Concen: 44.240 ng m
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion:122 Resp: 465138
Ion Ratio Lower Upper
122 100
105 120.9 100.1 140.1
77 87.4 66.5 106.5





#33
4-Chloroaniline
Concen: 36.332 ng
RT: 8.240 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

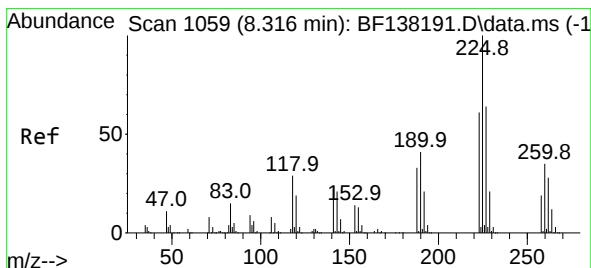
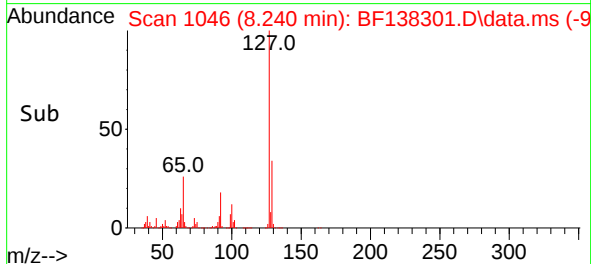
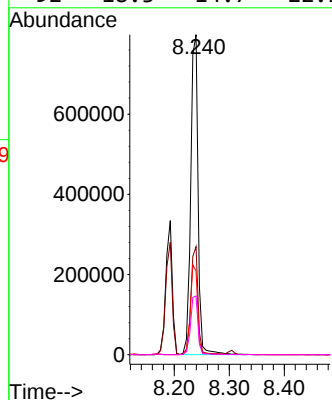
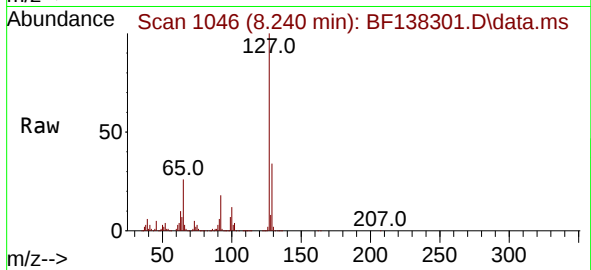
SSTDCCC040

Tgt Ion:127 Resp: 73752
Ion Ratio Lower Upper
127 100
129 33.8 26.1 39.1
65 26.2 23.6 35.4
92 18.3 14.7 22.1

Manual Integrations

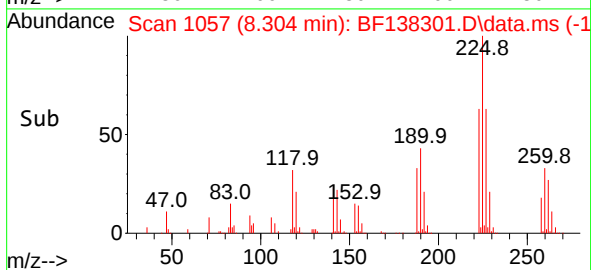
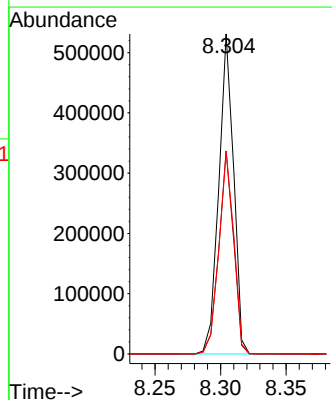
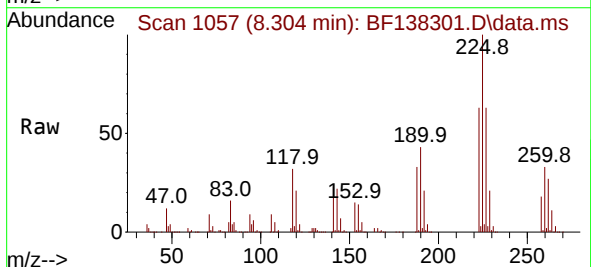
APPROVED

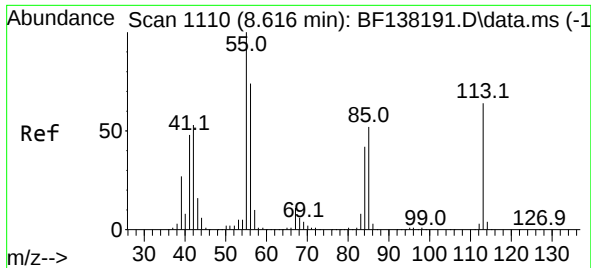
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#34
Hexachlorobutadiene
Concen: 39.199 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

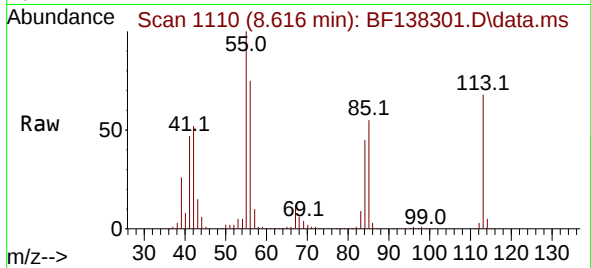
Tgt Ion:225 Resp: 415238
Ion Ratio Lower Upper
225 100
223 63.5 49.0 73.6
227 63.4 51.2 76.8





#35
Caprolactam
Concen: 38.027 ng
RT: 8.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

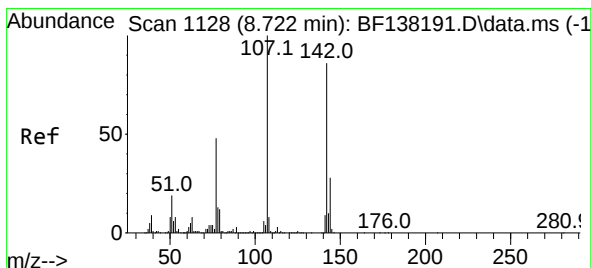
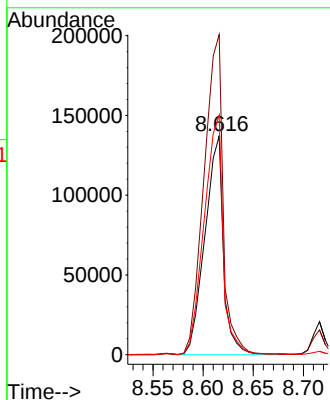
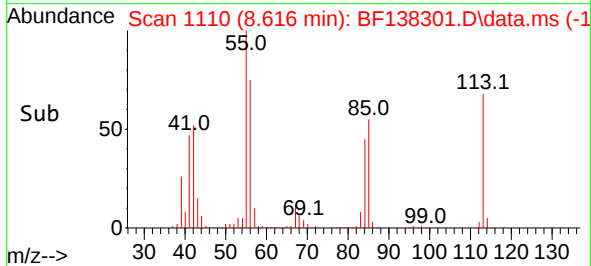
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



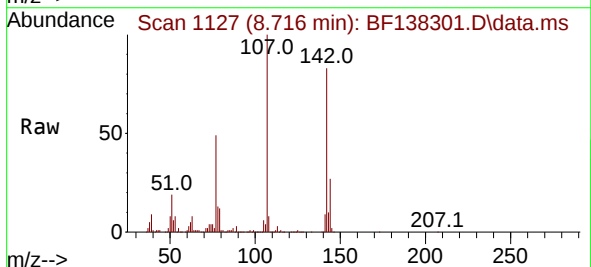
Tgt Ion:113 Resp: 17632
Ion Ratio Lower Upper
113 100
55 146.4 135.4 175.4
56 109.6 95.5 135.5

Manual Integrations
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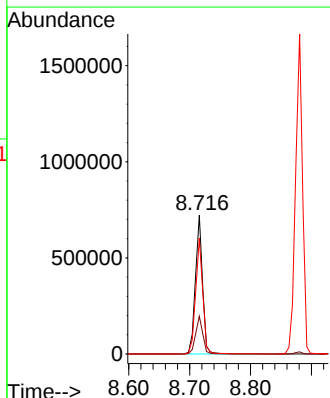
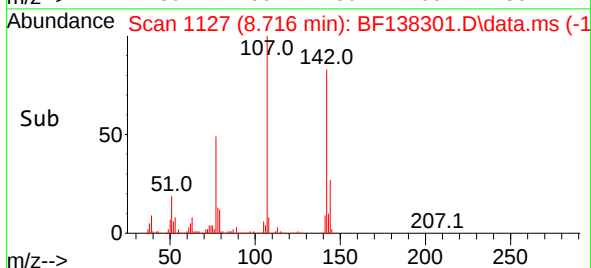
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

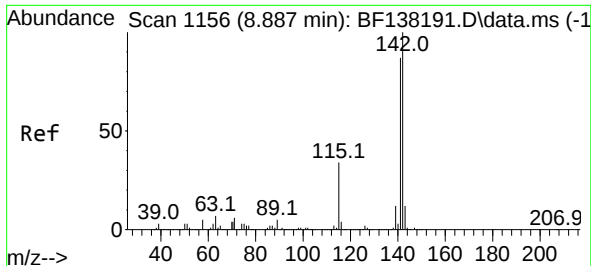


#36
4-Chloro-3-methylphenol
Concen: 38.369 ng
RT: 8.716 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



Tgt Ion:107 Resp: 586737
Ion Ratio Lower Upper
107 100
144 27.2 22.6 34.0
142 83.5 69.0 103.4





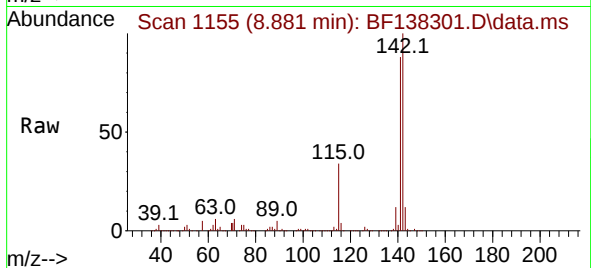
#37
2-Methylnaphthalene
Concen: 37.311 ng
RT: 8.881 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



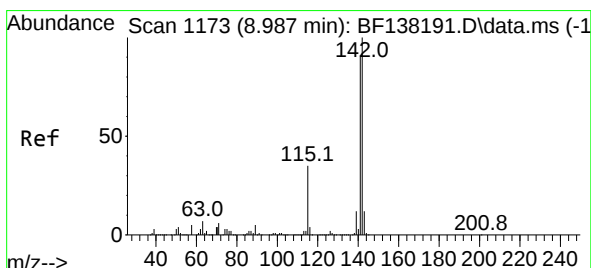
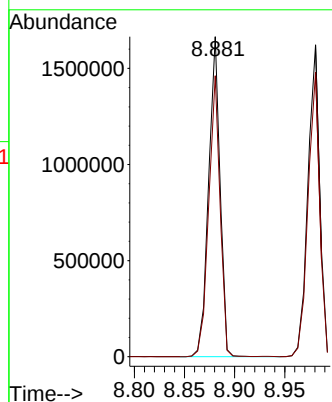
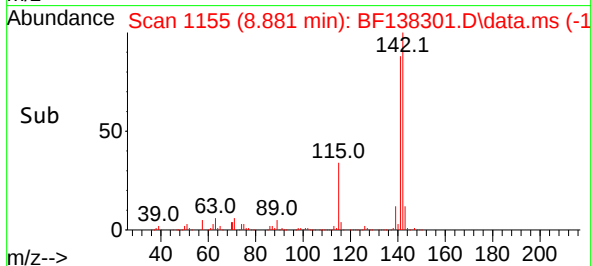
Tgt Ion:142 Resp: 132993
Ion Ratio Lower Upper
142 100
141 87.8 69.9 104.9

Manual Integrations

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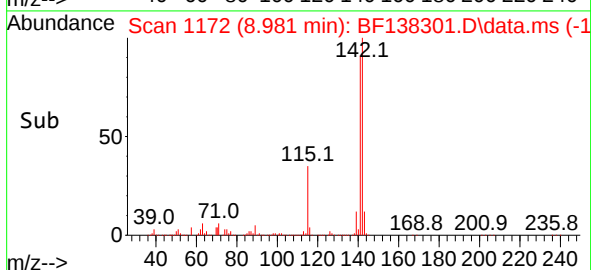
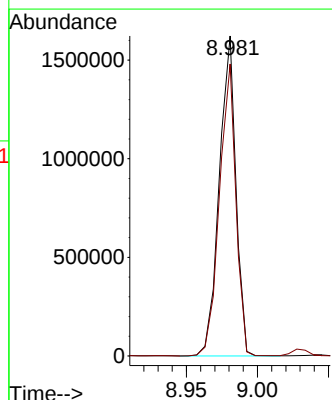
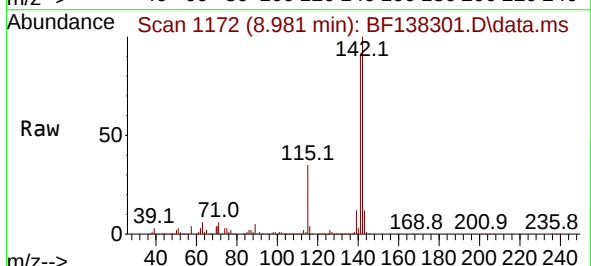
Reviewed By :Yogesh Patel 06/25/2024

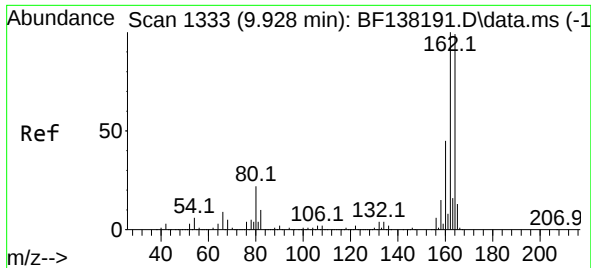
Supervised By :mohammad ahmed 06/26/2024



#38
1-Methylnaphthalene
Concen: 37.597 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion:142 Resp: 1313242
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2





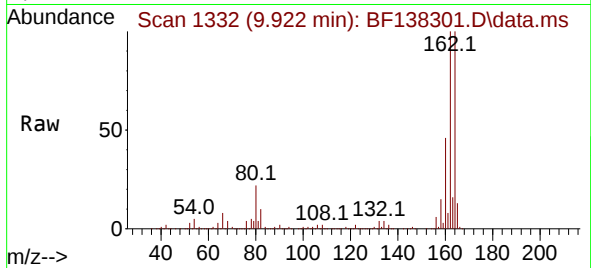
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



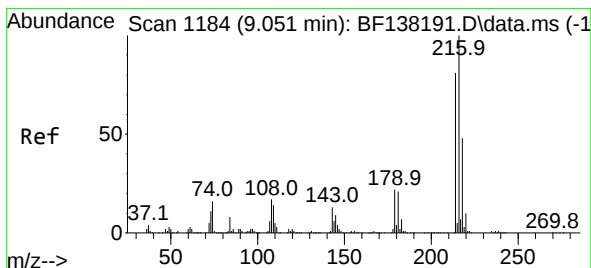
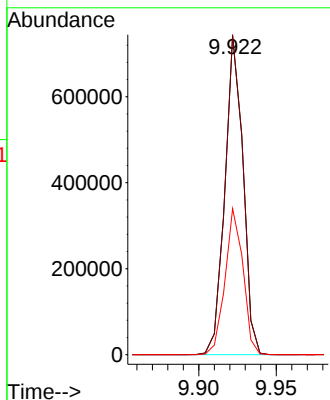
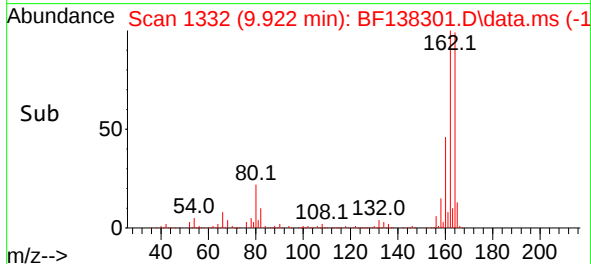
Tgt Ion:164 Resp: 603510
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 45.8 36.3 54.5

Manual Integrations

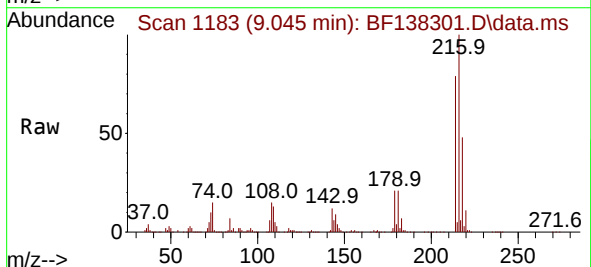
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

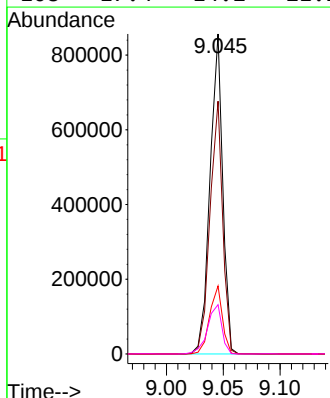
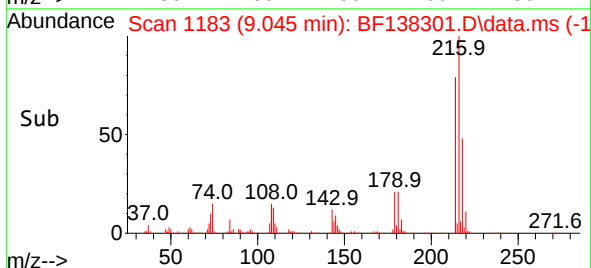
Supervised By :mohammad ahmed 06/26/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.684 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



Tgt Ion:216 Resp: 664590
Ion Ratio Lower Upper
216 100
214 79.0 63.7 95.5
179 21.3 16.9 25.3
108 17.4 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 41.401 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

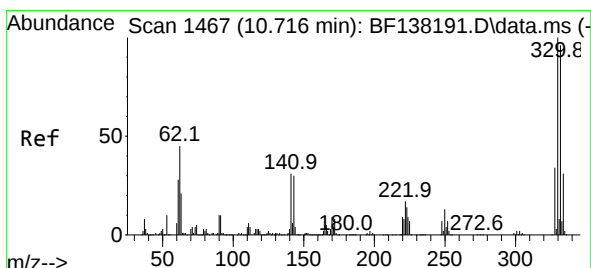
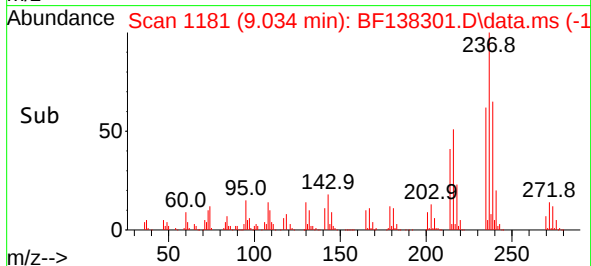
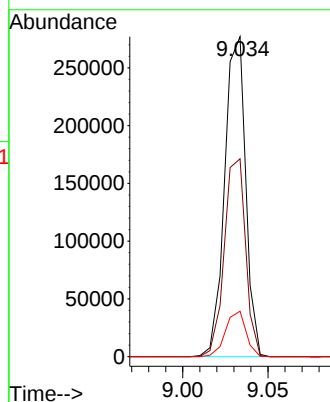
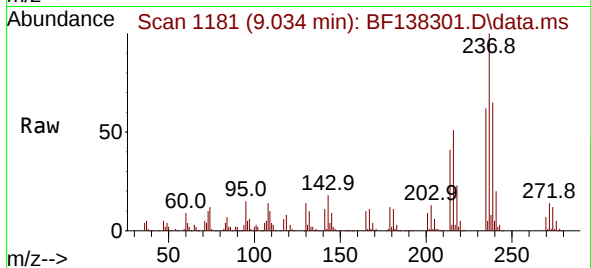
SSTDCCC040

Tgt Ion:237 Resp: 238072
Ion Ratio Lower Upper
237 100
235 61.9 43.3 83.3
272 14.2 0.0 34.0

Manual Integrations

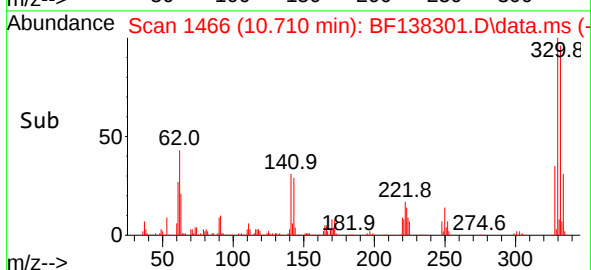
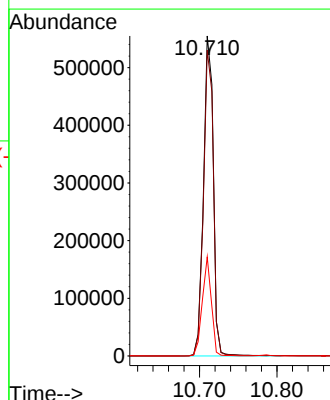
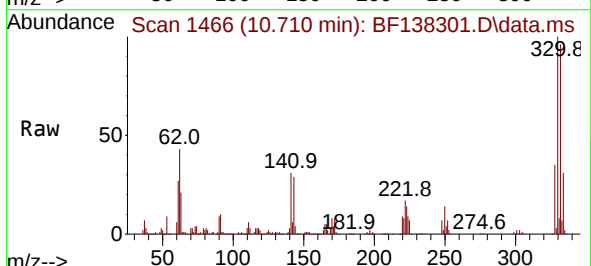
APPROVED

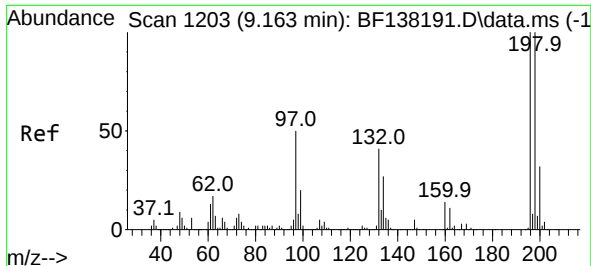
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#42
2,4,6-Tribromophenol
Concen: 81.295 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

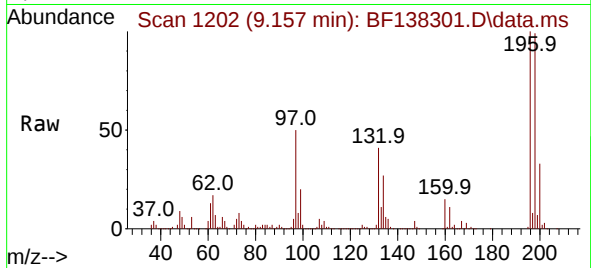
Tgt Ion:330 Resp: 488428
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 28.8 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 39.325 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

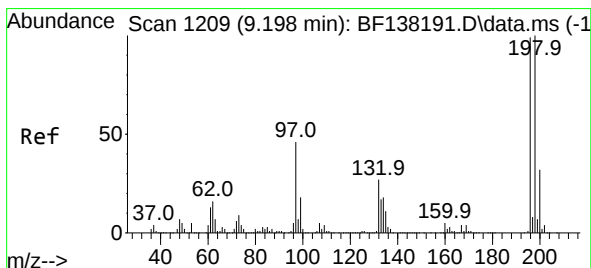
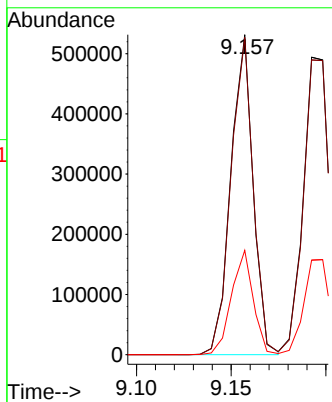
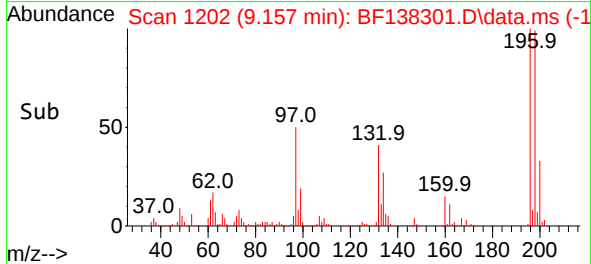
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



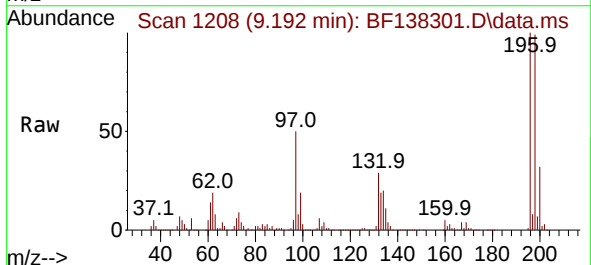
Tgt Ion:196 Resp: 43424
Ion Ratio Lower Upper
196 100
198 99.1 79.8 119.6
200 32.6 25.9 38.9

Manual Integrations
APPROVED

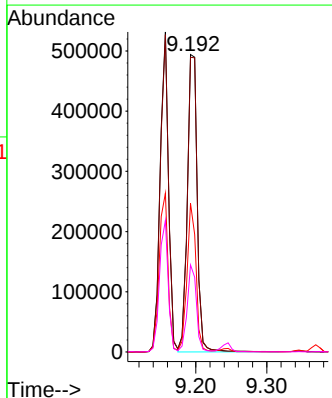
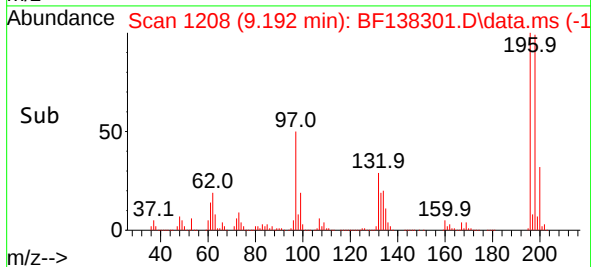
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

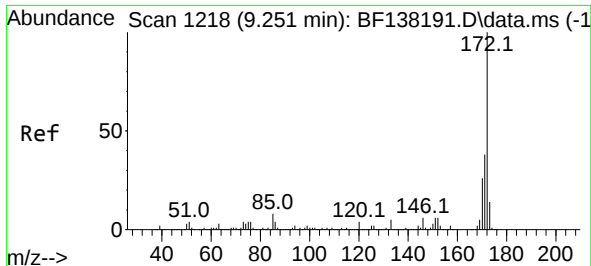


#44
2,4,5-Trichlorophenol
Concen: 39.353 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



Tgt Ion:196 Resp: 477221
Ion Ratio Lower Upper
196 100
198 99.1 80.4 120.6
97 49.9 37.4 56.2
132 29.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 70.014 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 265724

Ion Ratio Lower Upper

172 100

171 37.4 30.3 45.5

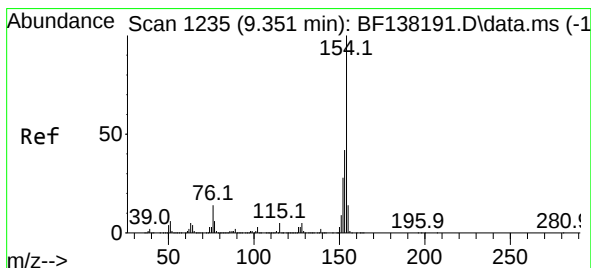
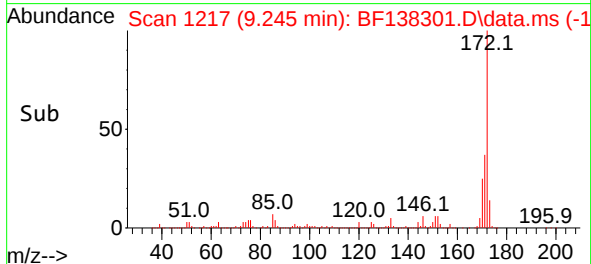
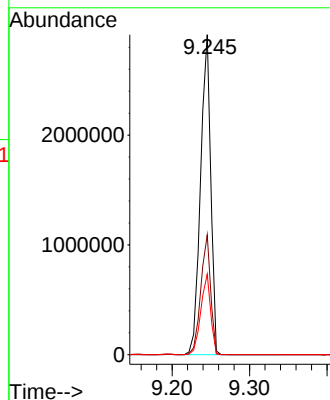
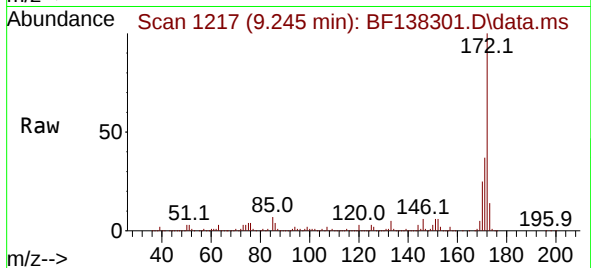
170 25.2 20.6 30.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#46

1,1'-Biphenyl

Concen: 37.098 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

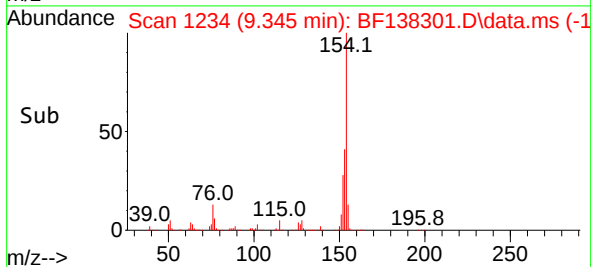
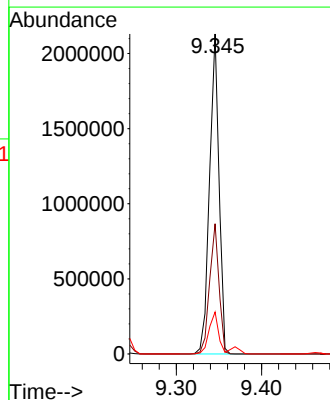
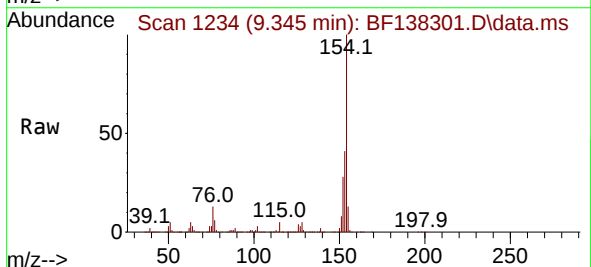
Tgt Ion:154 Resp: 1642886

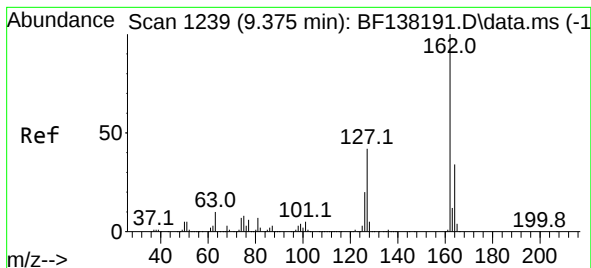
Ion Ratio Lower Upper

154 100

153 40.7 22.1 62.1

76 13.1 0.0 34.3





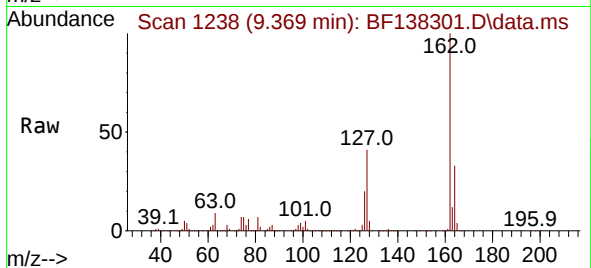
#47
2-Chloronaphthalene
Concen: 37.490 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

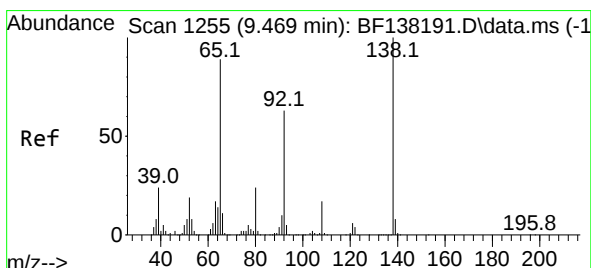
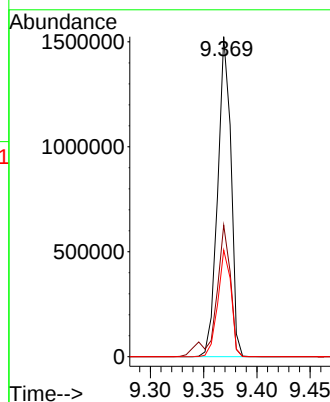
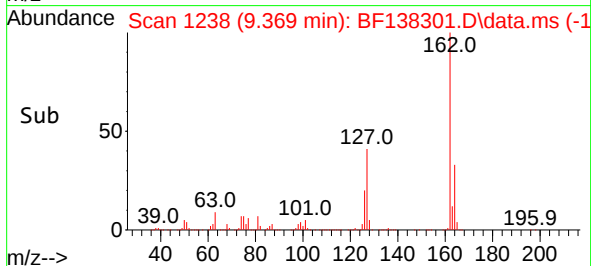


Tgt Ion:162 Resp: 131209
Ion Ratio Lower Upper
162 100
127 41.1 33.6 50.4
164 33.3 27.2 40.8

Manual Integrations

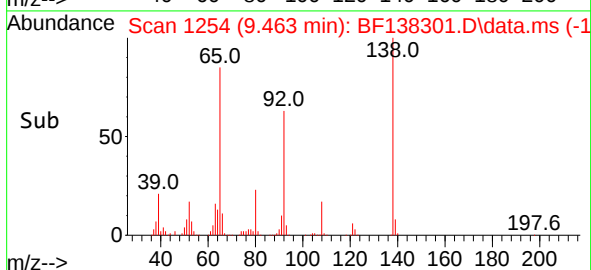
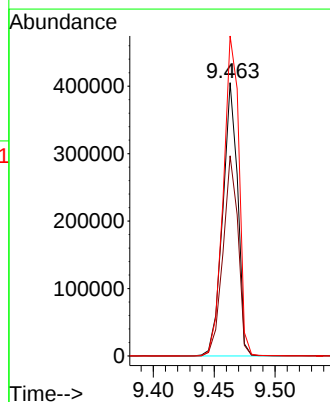
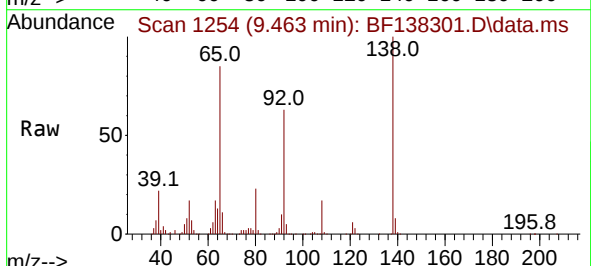
APPROVED

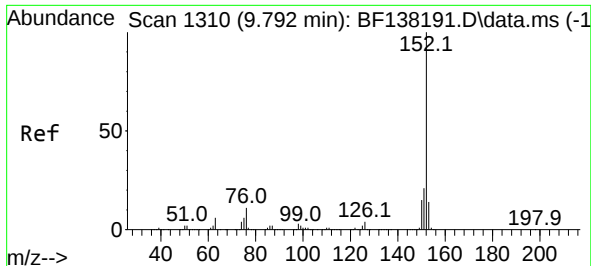
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#48
2-Nitroaniline
Concen: 41.094 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion: 65 Resp: 346366
Ion Ratio Lower Upper
65 100
92 73.2 56.6 85.0
138 117.1 90.1 135.1





#49

Acenaphthylene

Concen: 36.985 ng

RT: 9.787 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 181506

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

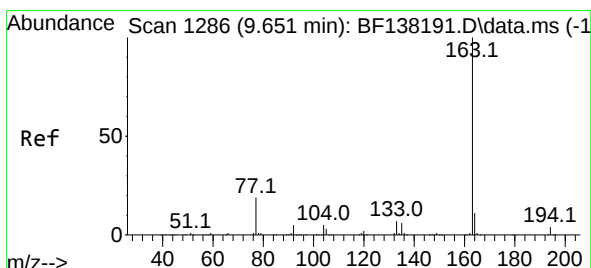
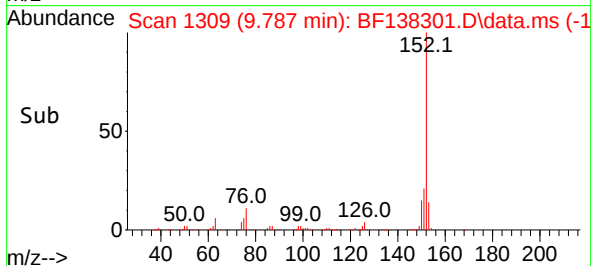
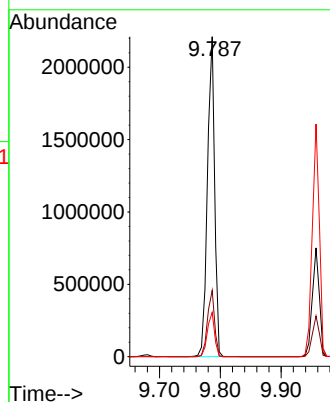
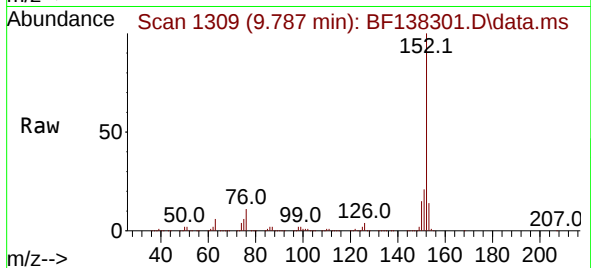
153 13.9 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#50

Dimethylphthalate

Concen: 38.677 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

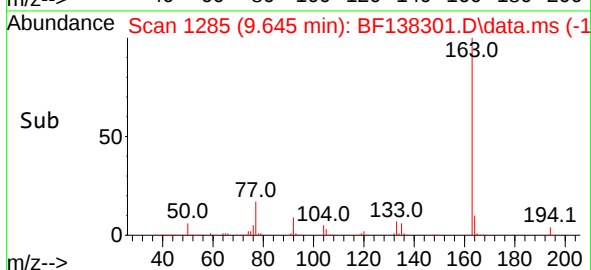
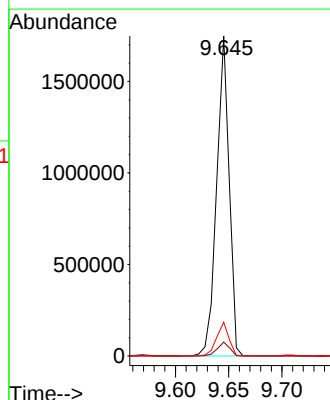
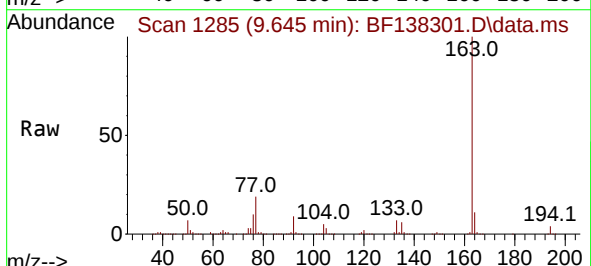
Tgt Ion:163 Resp: 1430173

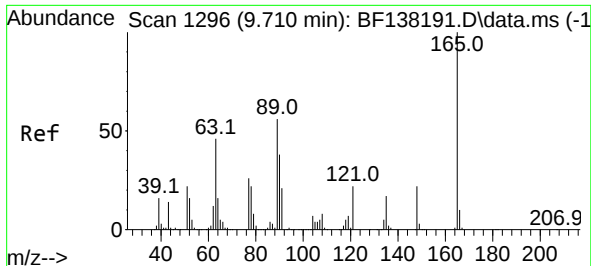
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.5 8.5 12.7





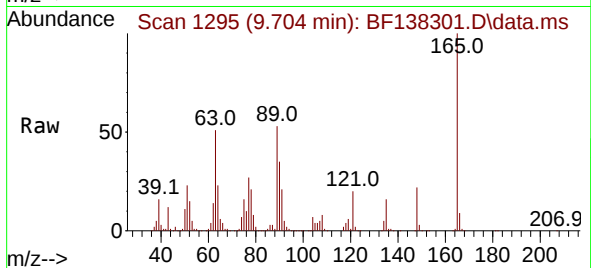
#51
2,6-Dinitrotoluene
Concen: 43.952 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

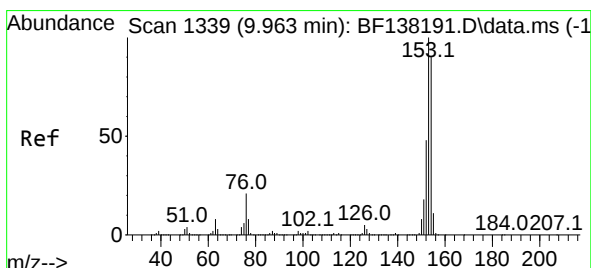
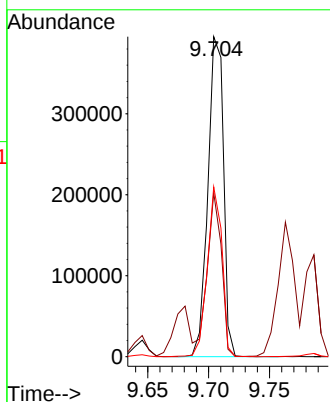
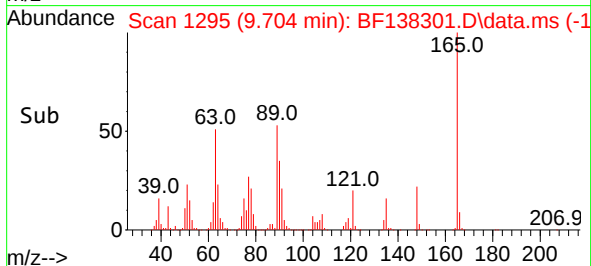


Tgt Ion:165 Resp: 352580
Ion Ratio Lower Upper
165 100
63 51.2 43.7 65.5
89 53.0 44.9 67.3

Manual Integrations

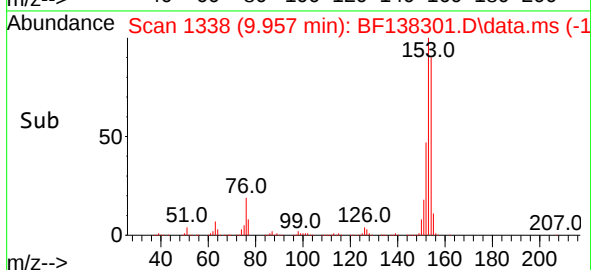
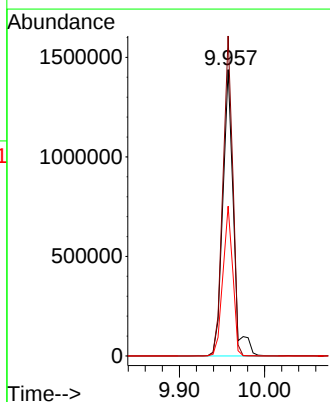
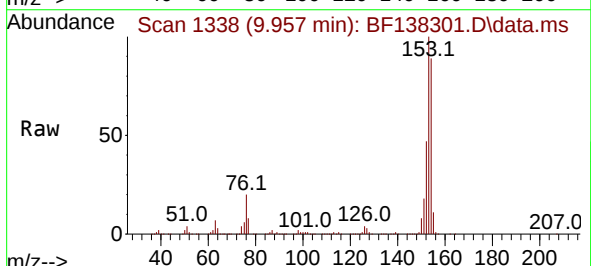
APPROVED

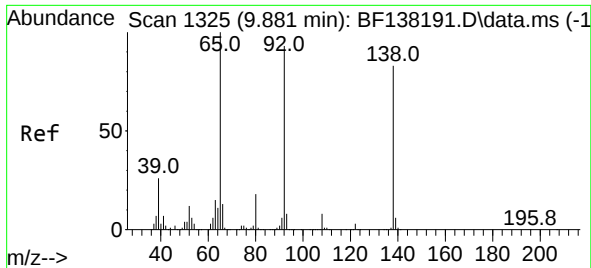
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#52
Acenaphthene
Concen: 37.251 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion:154 Resp: 1246599
Ion Ratio Lower Upper
154 100
153 111.7 89.1 133.7
152 52.3 42.4 63.6





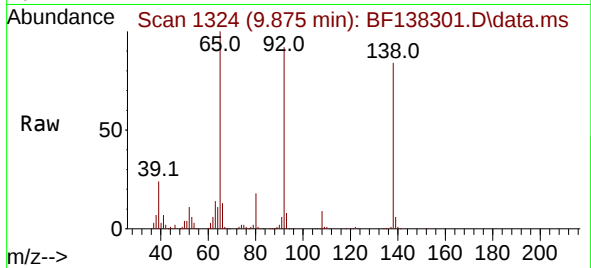
#53
3-Nitroaniline
Concen: 40.344 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



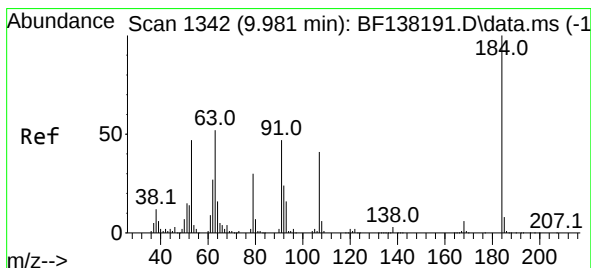
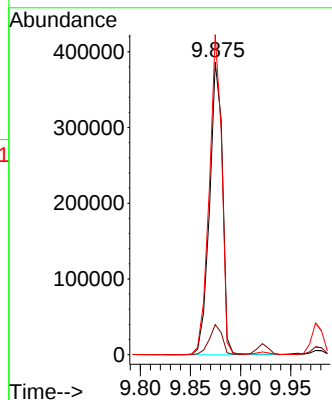
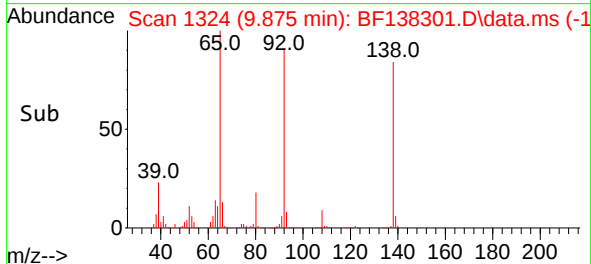
Tgt Ion:138 Resp: 345738
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 109.4 90.0 135.0

Manual Integrations

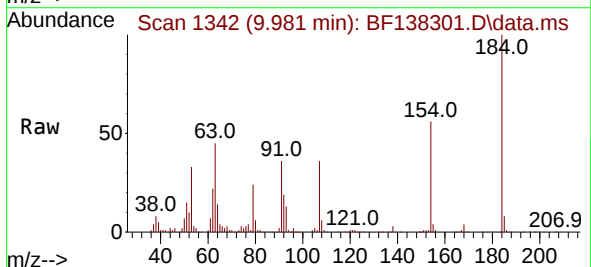
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

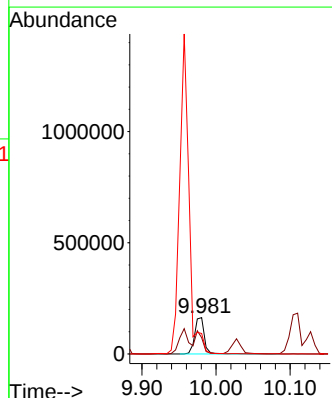
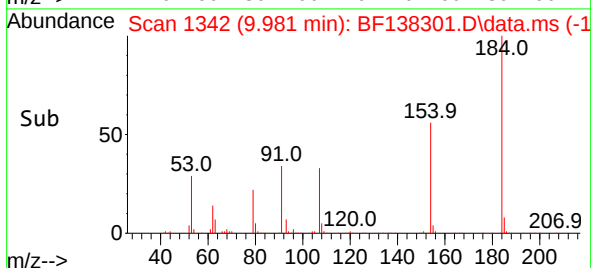
Supervised By :mohammad ahmed 06/26/2024

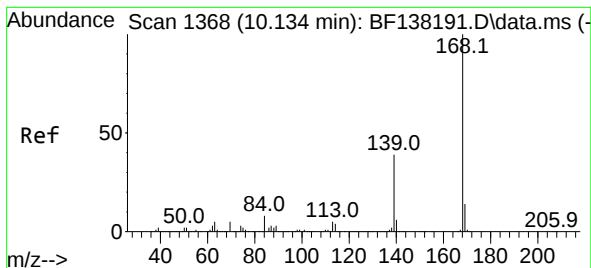


#54
2,4-Dinitrophenol
Concen: 44.770 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



Tgt Ion:184 Resp: 148789
Ion Ratio Lower Upper
184 100
63 44.8 49.2 73.8#
154 56.2 46.7 70.1





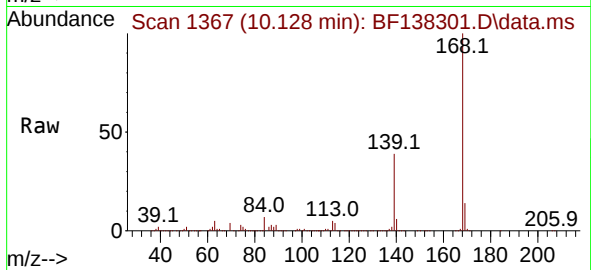
#55
Dibenzenofuran
Concen: 36.707 ng
RT: 10.128 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

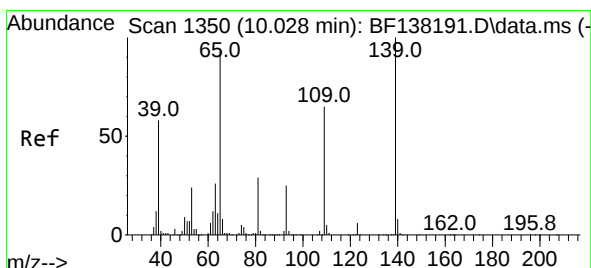
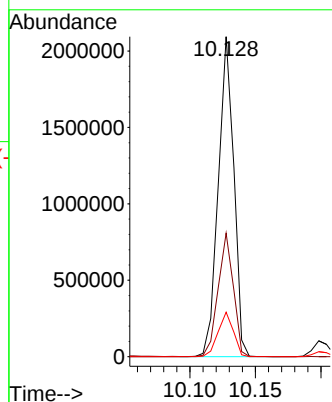
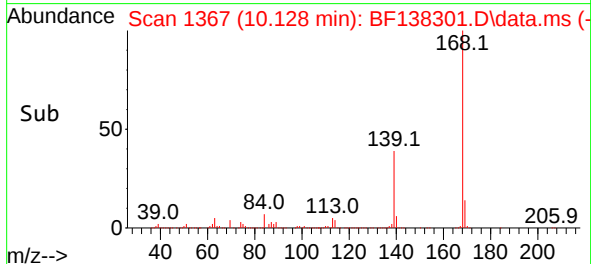


Tgt Ion:168 Resp: 1717228
Ion Ratio Lower Upper
168 100
139 38.6 31.0 46.4
169 13.9 11.4 17.0

Manual Integrations

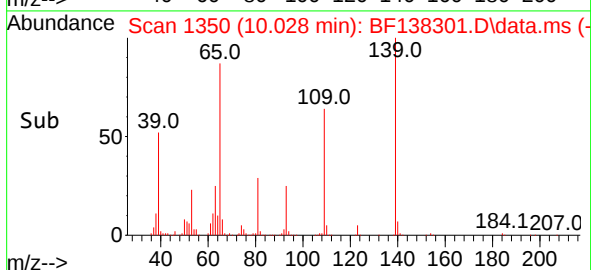
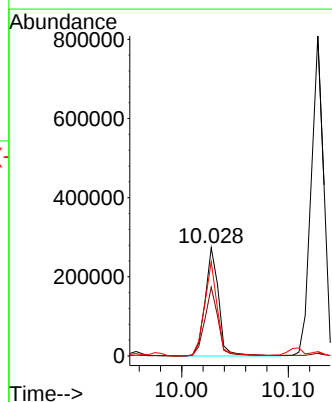
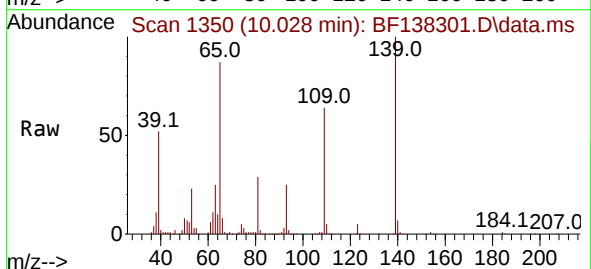
APPROVED

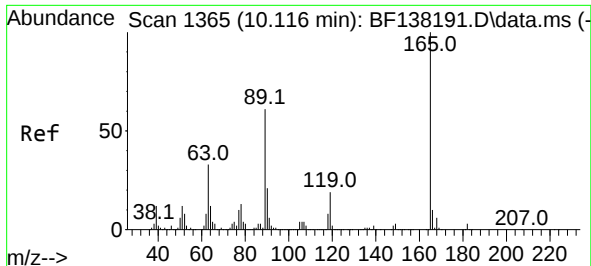
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#56
4-Nitrophenol
Concen: 35.736 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion:139 Resp: 242016
Ion Ratio Lower Upper
139 100
109 63.6 44.6 84.6
65 86.8 73.1 113.1





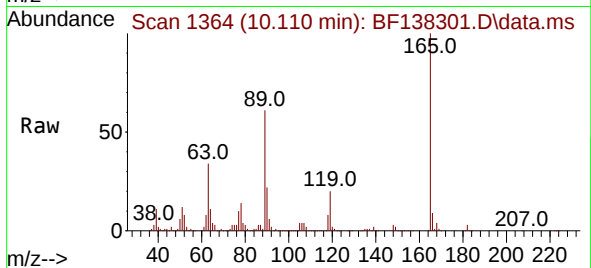
#57
2,4-Dinitrotoluene
Concen: 44.908 ng
RT: 10.110 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



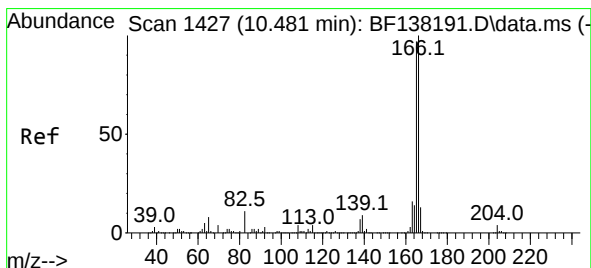
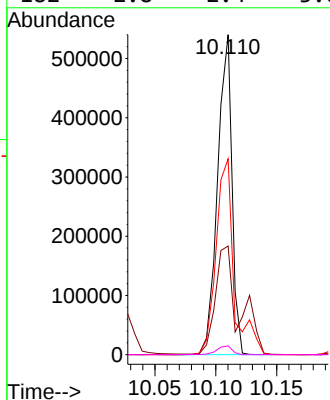
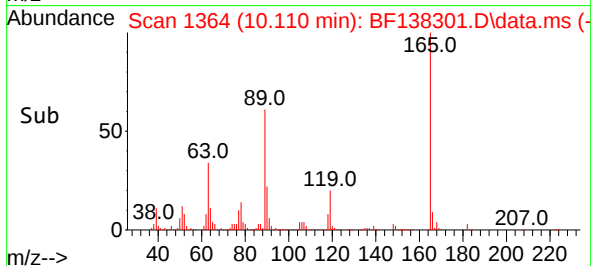
Tgt Ion:165 Resp: 44433
Ion Ratio Lower Upper
165 100
63 33.9 26.6 39.8
89 61.2 48.7 73.1
182 2.8 2.4 3.6

Manual Integrations

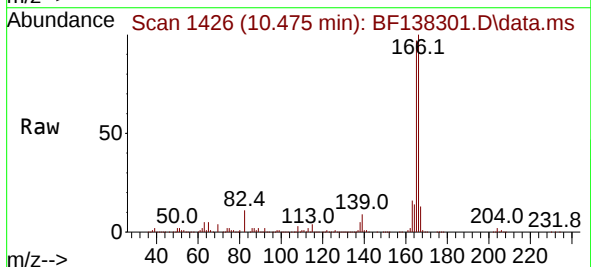
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

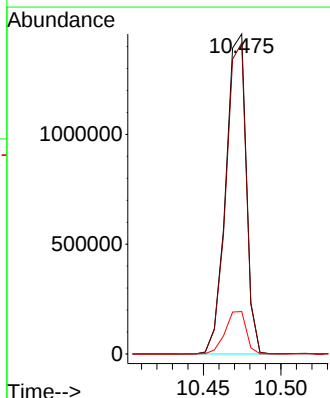
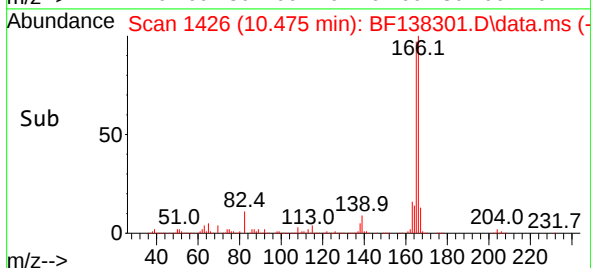
Supervised By :mohammad ahmed 06/26/2024

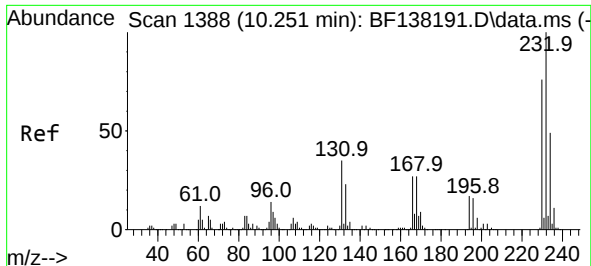


#58
Fluorene
Concen: 36.321 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



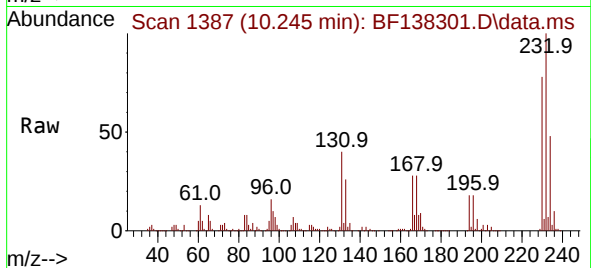
Tgt Ion:166 Resp: 1335968
Ion Ratio Lower Upper
166 100
165 97.2 77.9 116.9
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.711 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

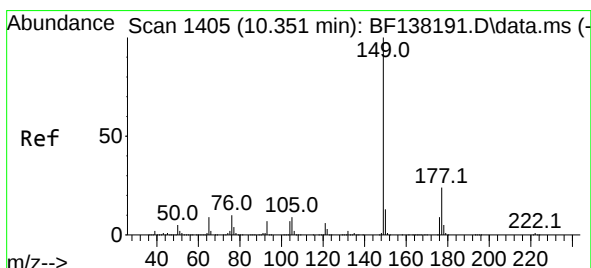
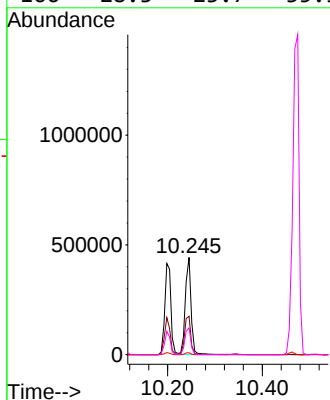
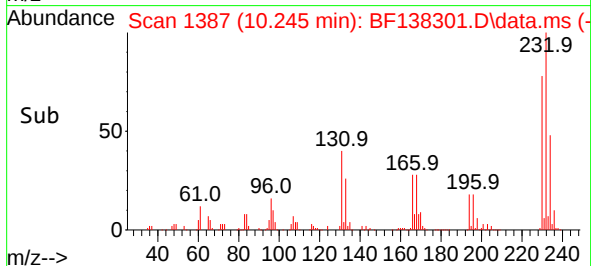
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



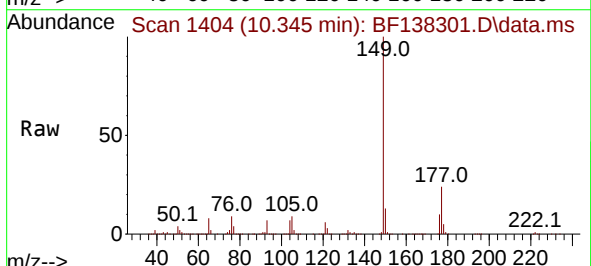
Tgt Ion:232 Resp: 37635
Ion Ratio Lower Upper
232 100
131 41.8 33.6 50.4
130 2.1 1.7 2.5
166 28.3 23.7 35.5

Manual Integrations
APPROVED

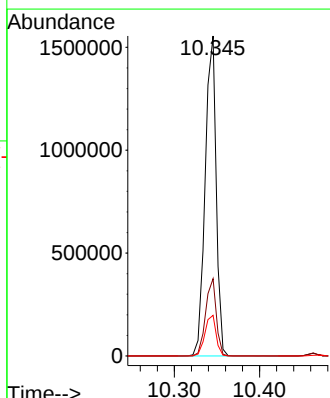
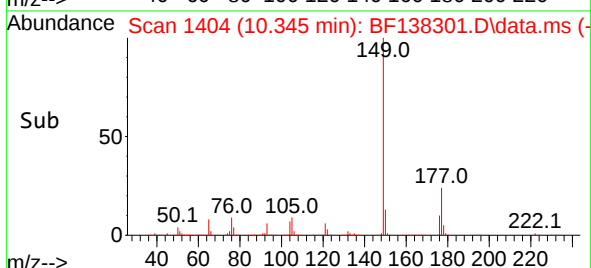
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

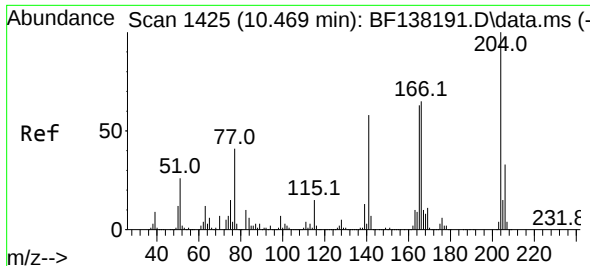


#60
Diethylphthalate
Concen: 39.642 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



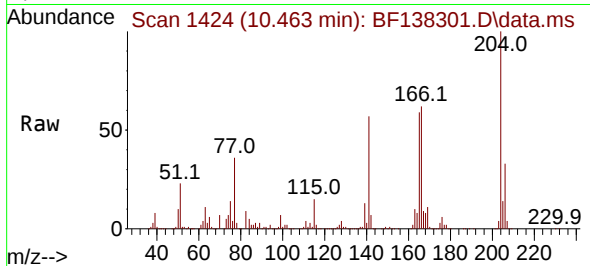
Tgt Ion:149 Resp: 1391221
Ion Ratio Lower Upper
149 100
177 24.2 19.4 29.0
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 37.471 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

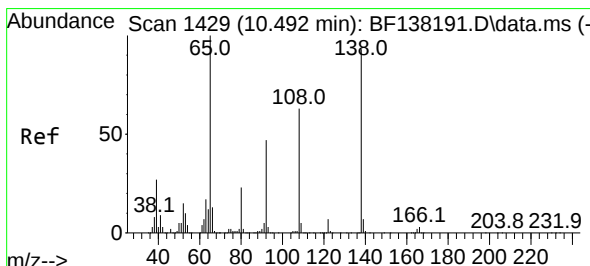
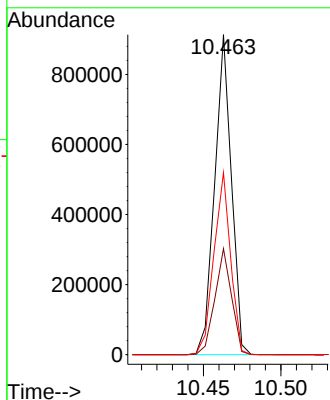
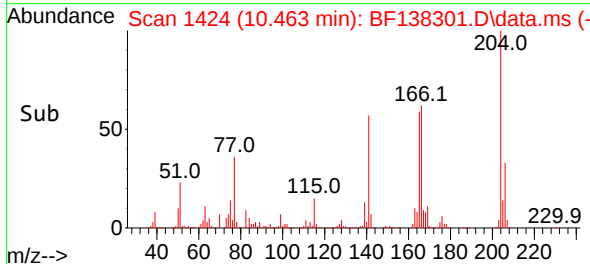
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



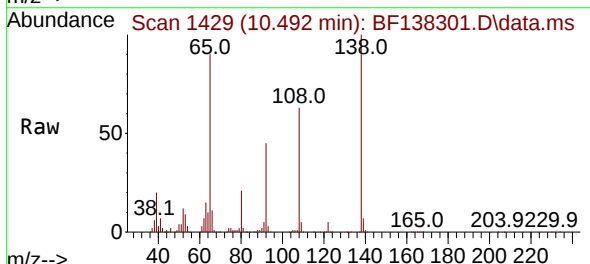
Tgt Ion:204 Resp: 686432
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 56.9 46.3 69.5

Manual Integrations
APPROVED

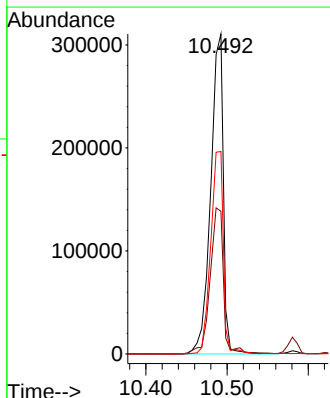
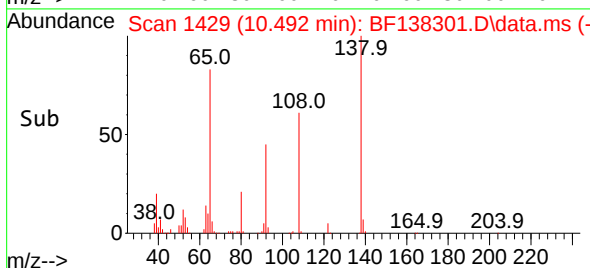
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

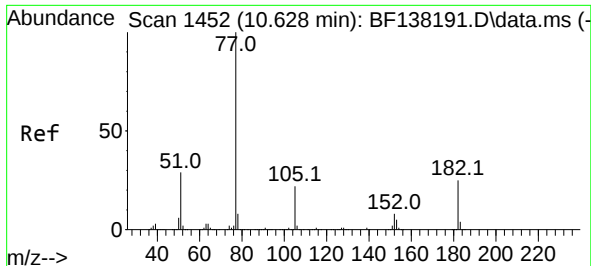


#62
4-Nitroaniline
Concen: 39.133 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



Tgt Ion:138 Resp: 335072
Ion Ratio Lower Upper
138 100
92 44.6 30.9 70.9
108 63.3 47.8 87.8





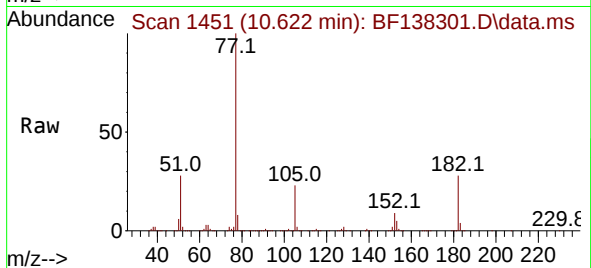
#63
Azobenzene
Concen: 36.711 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

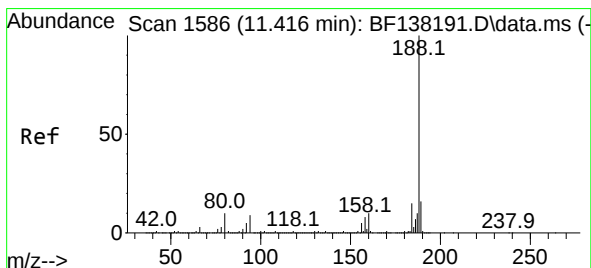
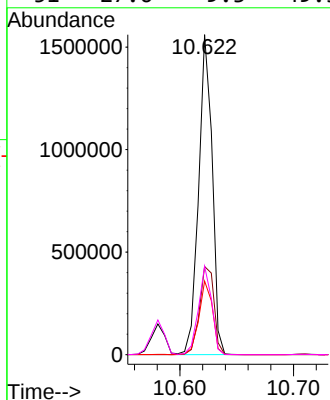
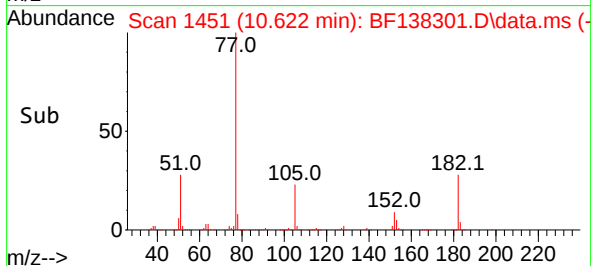


Tgt Ion: 77 Resp: 129075
Ion Ratio Lower Upper
77 100
182 27.6 5.5 45.5
105 23.0 1.8 41.8
51 27.6 9.3 49.3

Manual Integrations

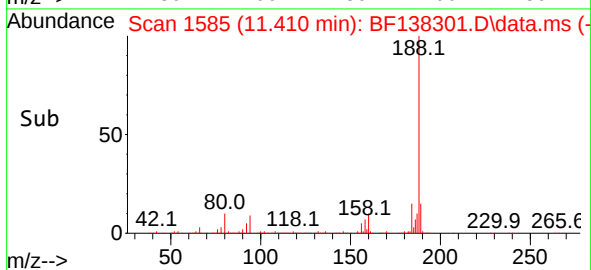
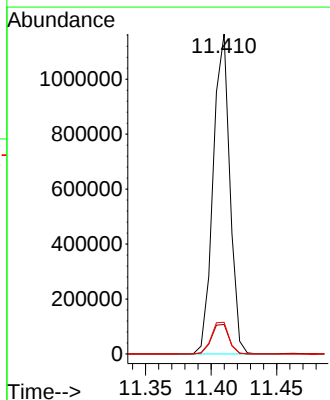
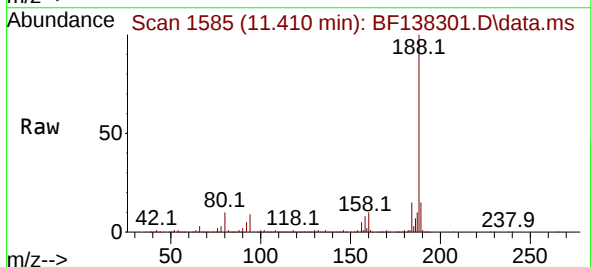
APPROVED

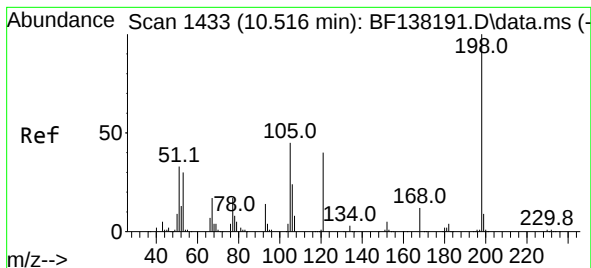
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion:188 Resp: 1031433
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 9.9 8.1 12.1





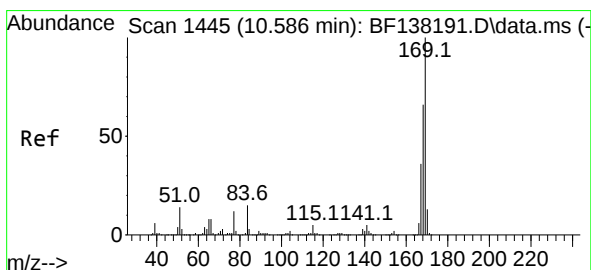
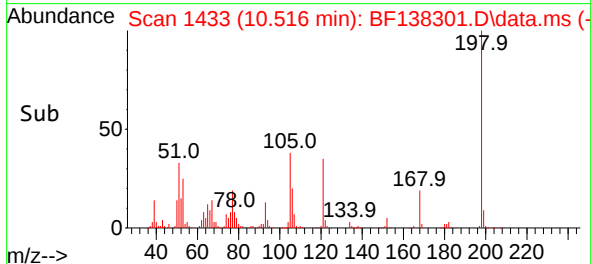
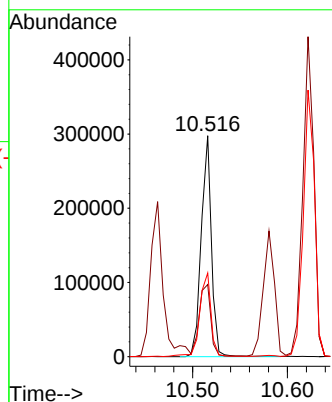
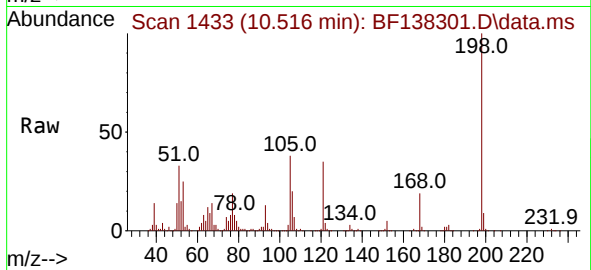
#65
4,6-Dinitro-2-methylphenol
Concen: 43.221 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 22292
Ion Ratio Lower Upper
198 100
51 32.7 26.9 66.9
105 37.9 26.0 66.0

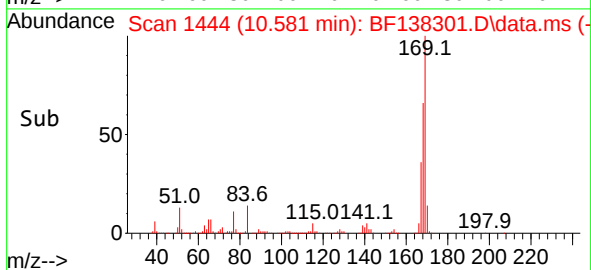
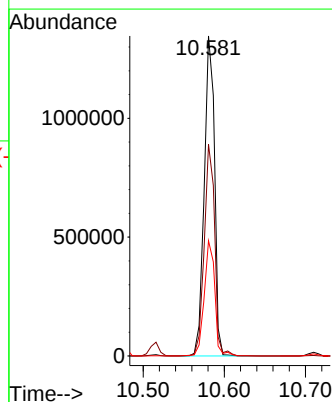
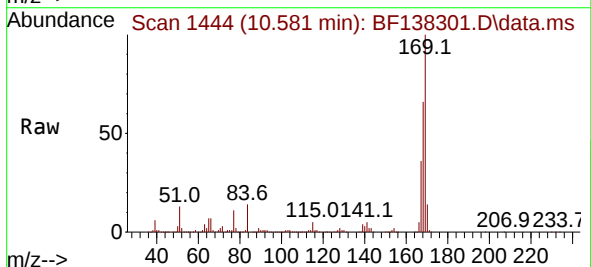
Manual Integrations
APPROVED

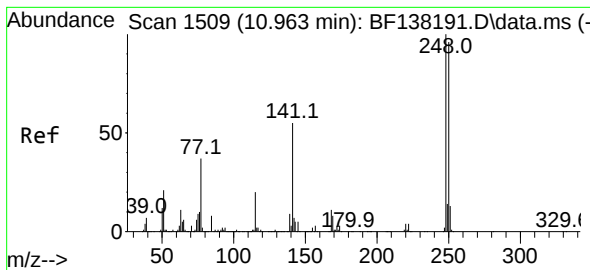
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#66
n-Nitrosodiphenylamine
Concen: 37.425 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion:169 Resp: 1181778
Ion Ratio Lower Upper
169 100
168 66.1 52.9 79.3
167 36.0 29.0 43.6





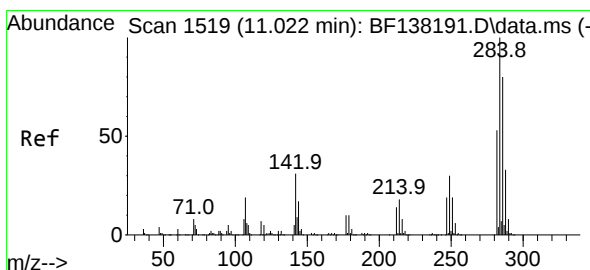
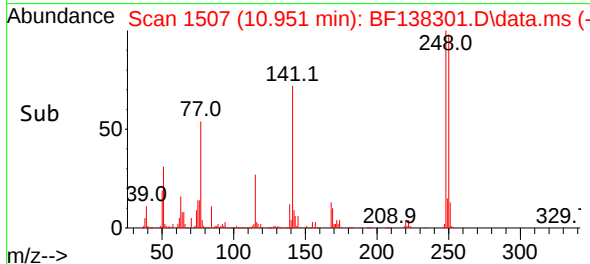
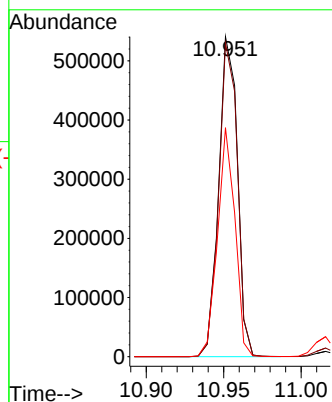
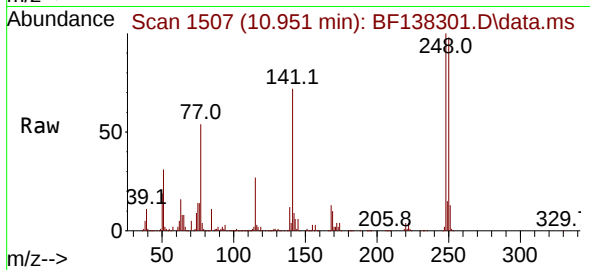
#67
4-Bromophenyl-phenylether
Concen: 39.107 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.012 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 454520
Ion Ratio Lower Upper
248 100
250 98.0 77.2 115.8
141 71.6 44.1 66.1

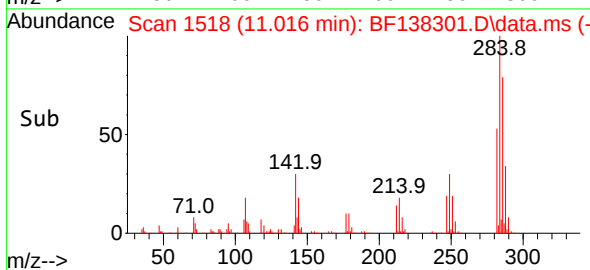
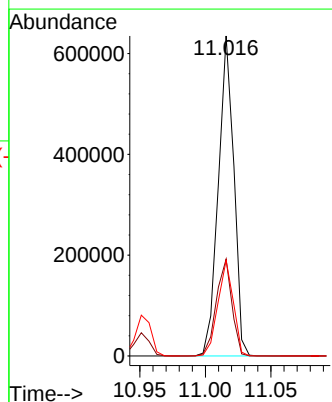
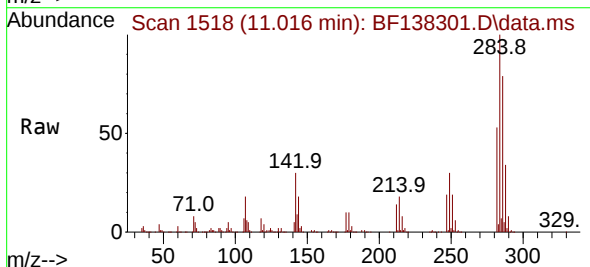
Manual Integrations
APPROVED

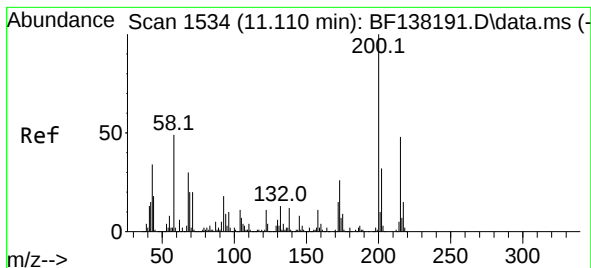
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#68
Hexachlorobenzene
Concen: 38.371 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion:284 Resp: 520438
Ion Ratio Lower Upper
284 100
142 30.3 24.8 37.2
249 29.9 23.8 35.6





#69

Atrazine

Concen: 36.669 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

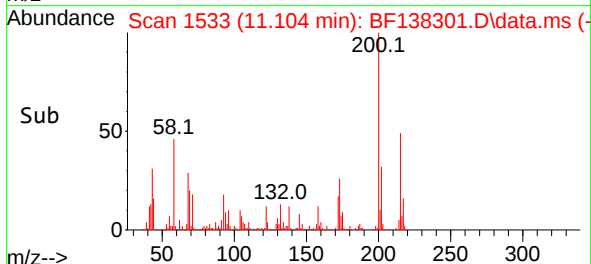
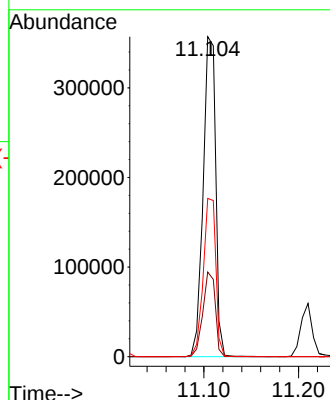
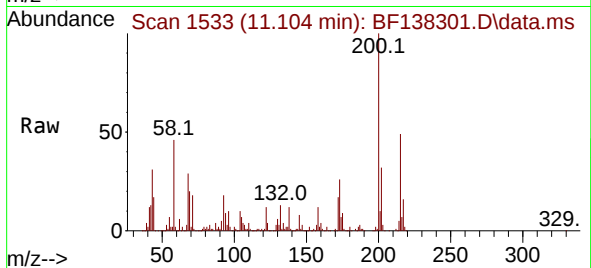
Tgt Ion:200 Resp: 329811
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.3 46.3
 215 49.5 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#70

Pentachlorophenol

Concen: 38.597 ng

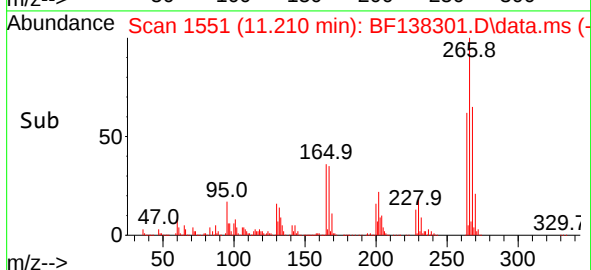
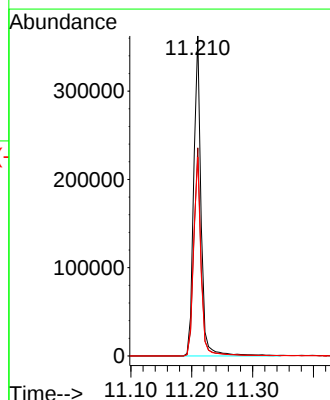
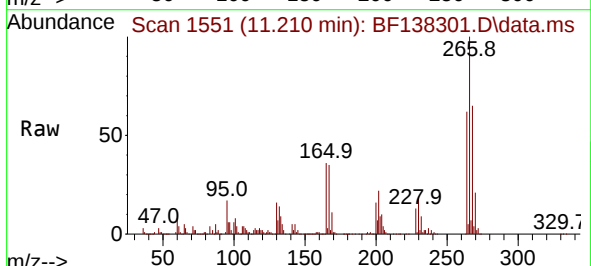
RT: 11.210 min Scan# 1551

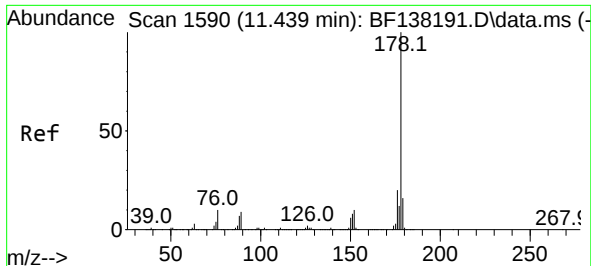
Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

Tgt Ion:266 Resp: 305311
 Ion Ratio Lower Upper
 266 100
 268 65.1 49.5 74.3
 264 62.2 49.2 73.8





#71
Phenanthrene
Concen: 36.358 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

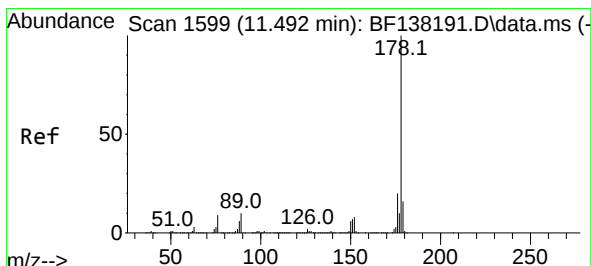
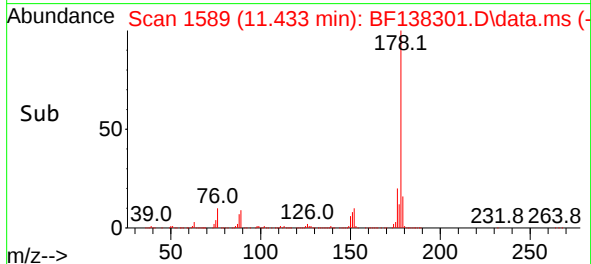
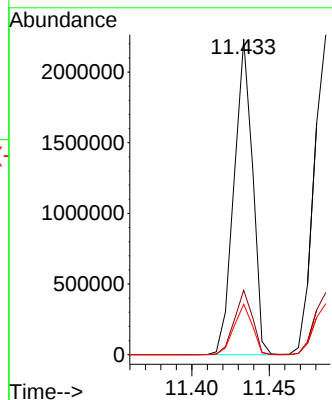
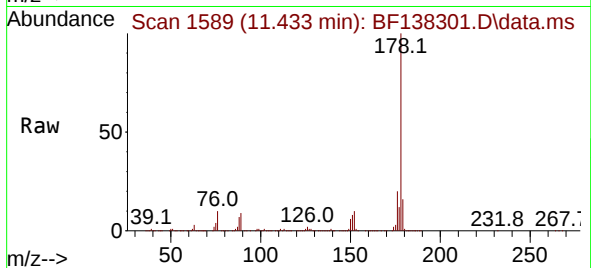
SSTDCCC040

Tgt Ion:178 Resp: 1854552
Ion Ratio Lower Upper
178 100
176 20.5 16.4 24.6
179 16.0 13.1 19.7

Manual Integrations

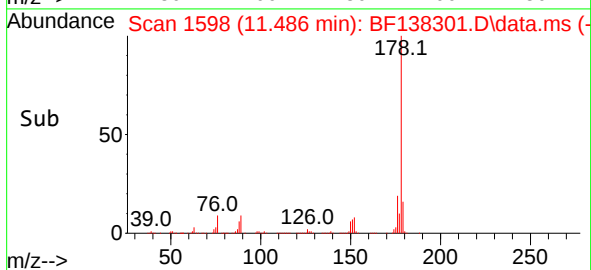
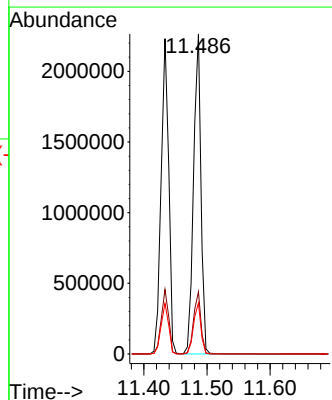
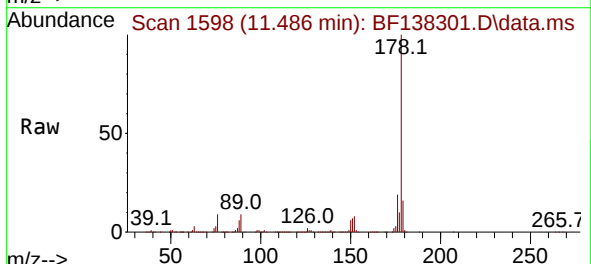
APPROVED

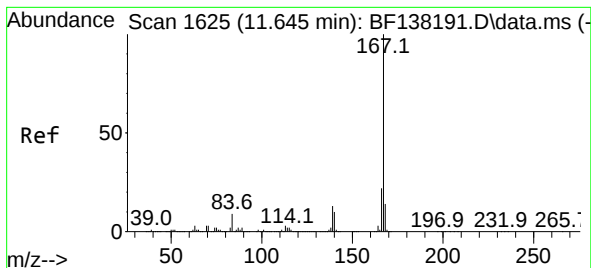
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#72
Anthracene
Concen: 36.529 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion:178 Resp: 1849960
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 16.0 13.0 19.6





#73

Carbazole

Concen: 35.418 ng

RT: 11.639 min Scan# 1624

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 164513

Ion Ratio Lower Upper

167 100

166 22.0 18.0 27.0

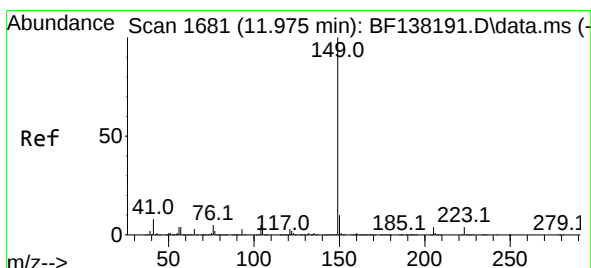
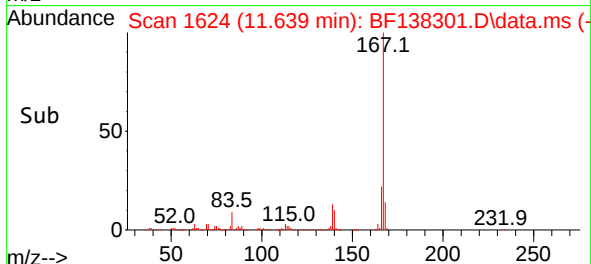
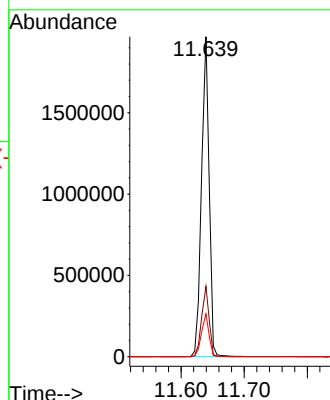
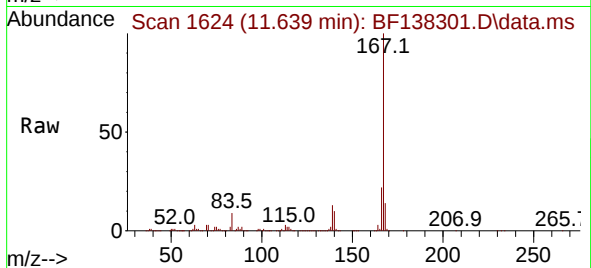
139 13.4 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#74

Di-n-butylphthalate

Concen: 40.317 ng

RT: 11.969 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

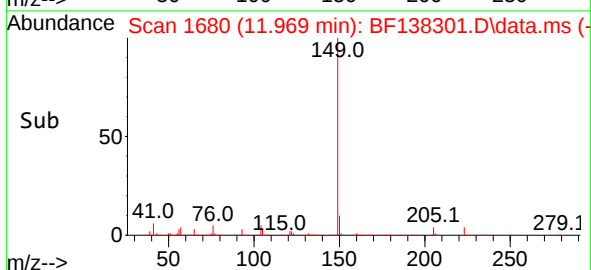
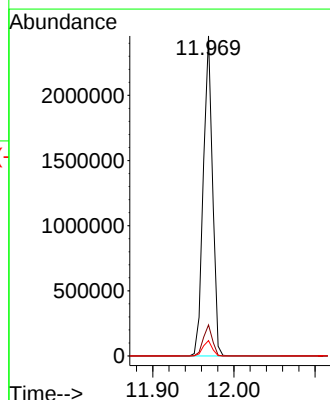
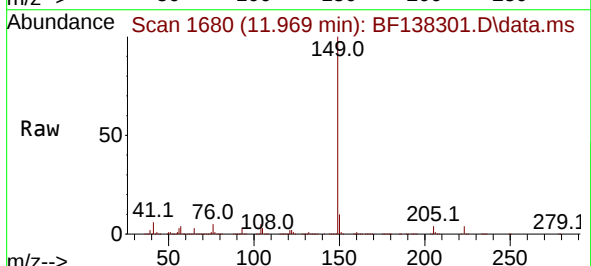
Tgt Ion:149 Resp: 1938753

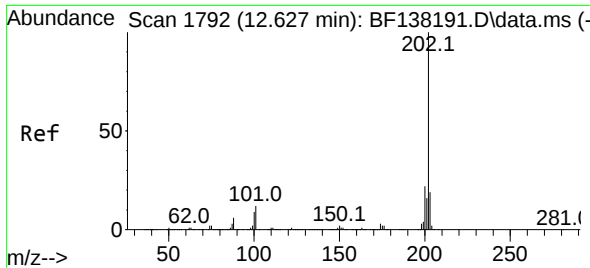
Ion Ratio Lower Upper

149 100

150 9.7 8.2 12.2

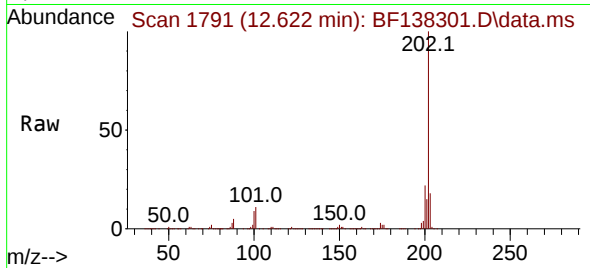
104 4.8 4.1 6.1





#75
Fluoranthene
Concen: 35.599 ng
RT: 12.622 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

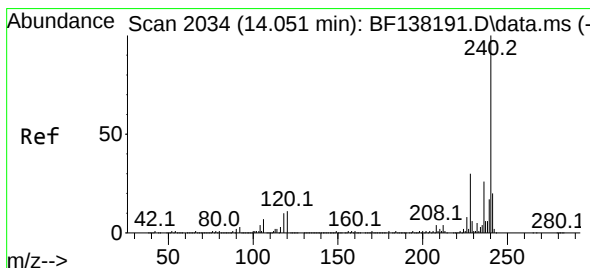
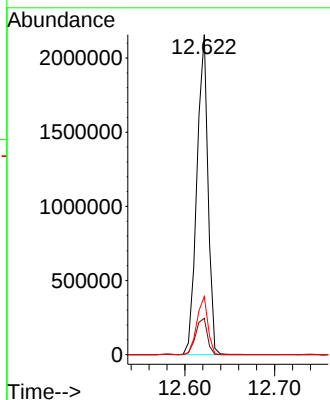
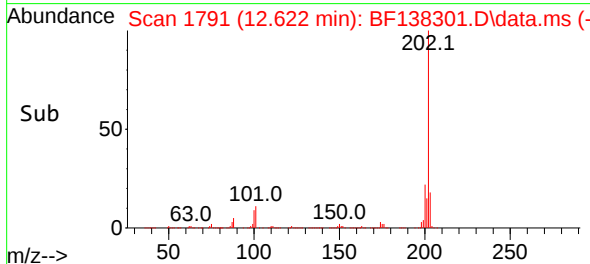
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 185164
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.8
203 18.1 0.0 38.6

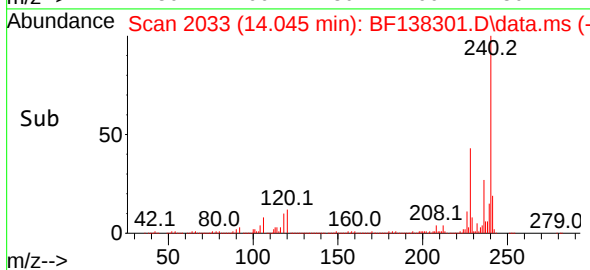
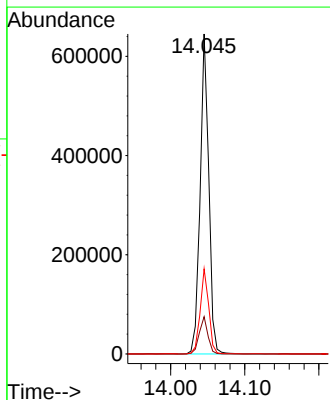
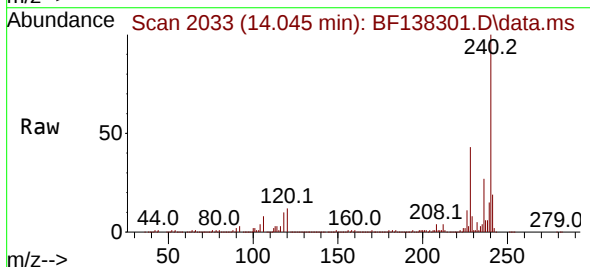
Manual Integrations
APPROVED

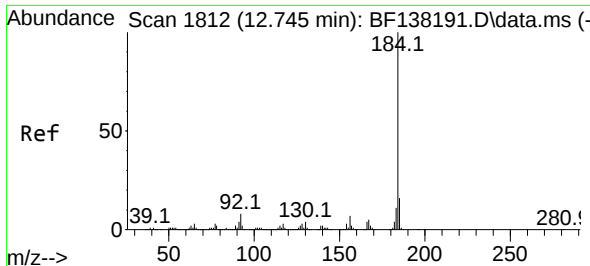
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

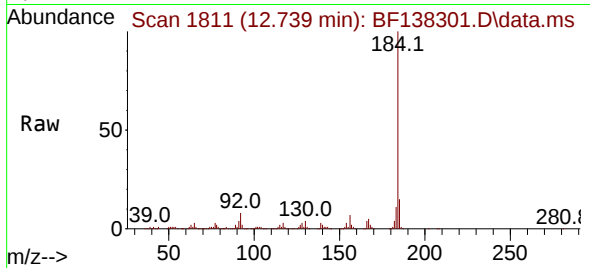
Tgt Ion:240 Resp: 518782
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.6 21.0 31.6





#77
Benzidine
Concen: 67.289 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

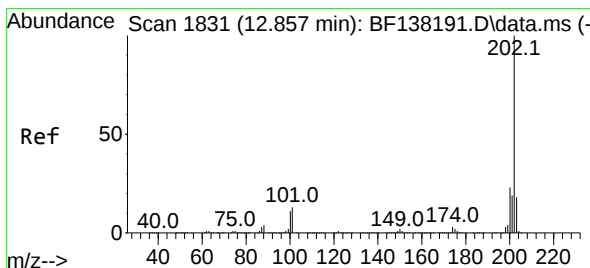
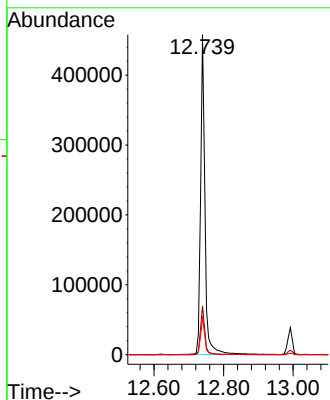
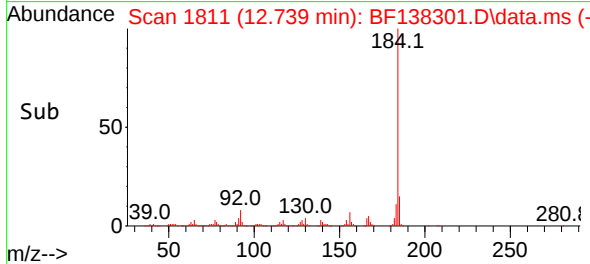
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 403774
Ion Ratio Lower Upper
184 100
185 15.2 12.6 19.0
183 11.5 9.0 13.6

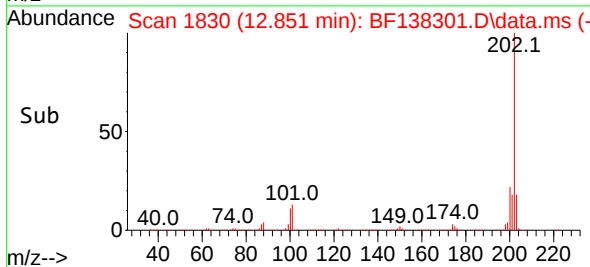
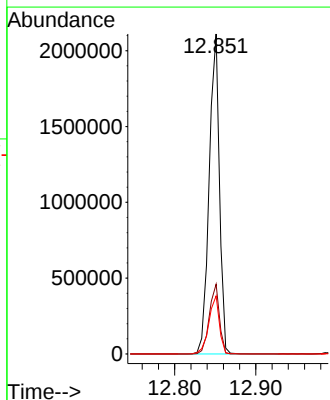
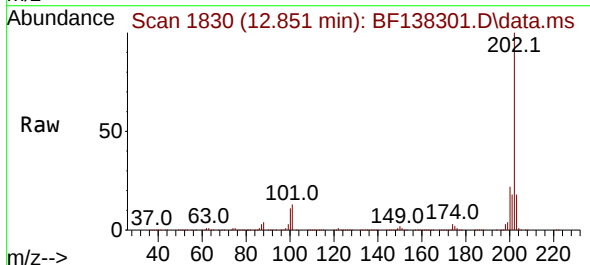
Manual Integrations
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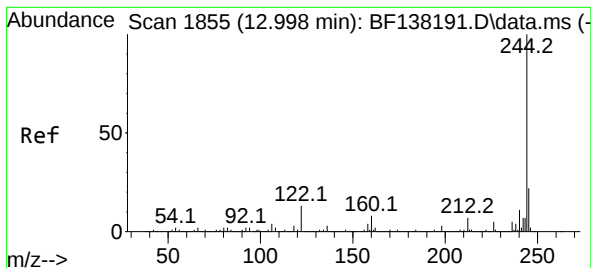
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#78
Pyrene
Concen: 41.167 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion:202 Resp: 1842129
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 18.1 14.7 22.1





#79

Terphenyl-d14

Concen: 83.527 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138301.D

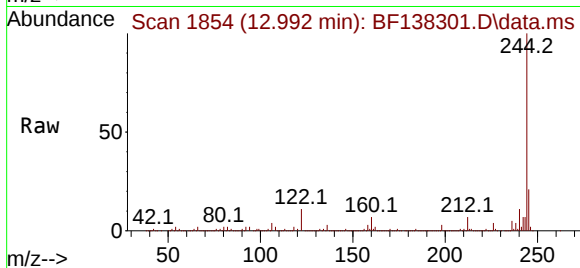
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 273592

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

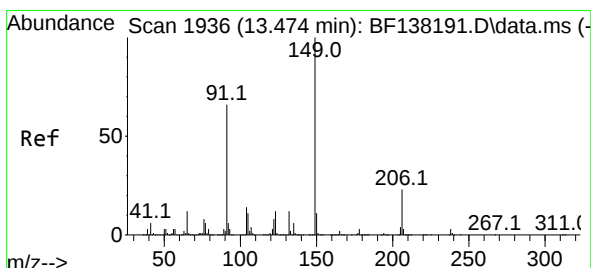
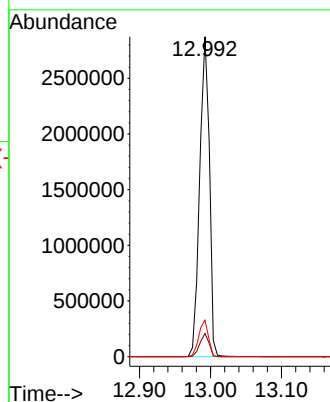
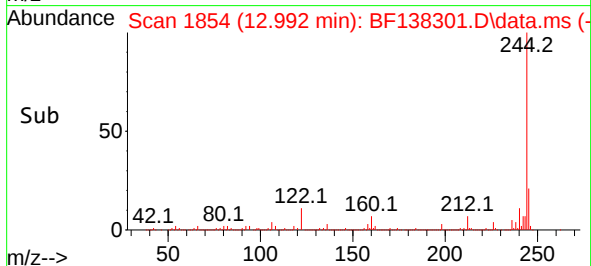
122 11.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#80

Butylbenzylphthalate

Concen: 48.200 ng

RT: 13.469 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

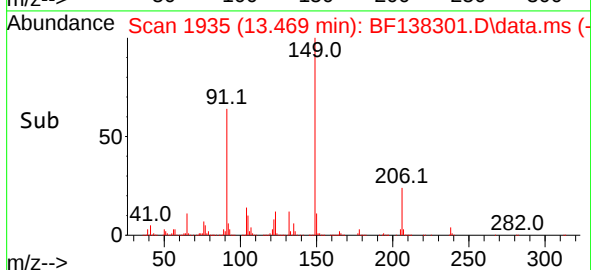
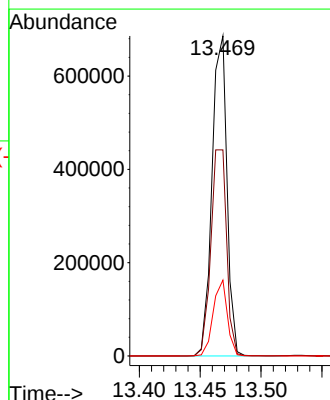
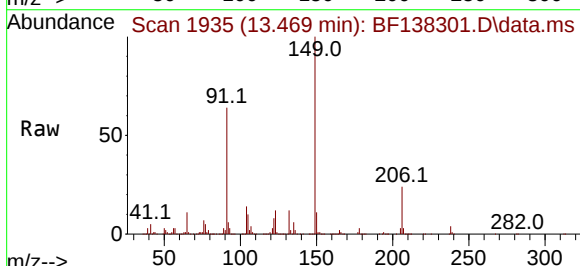
Tgt Ion:149 Resp: 586681

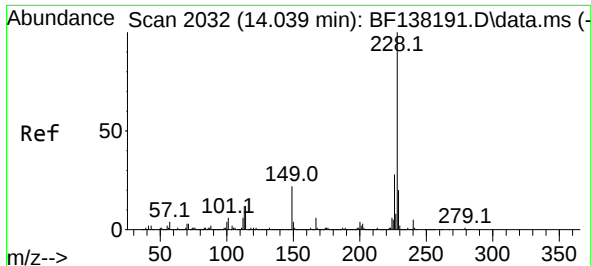
Ion Ratio Lower Upper

149 100

91 64.4 53.2 79.8

206 23.7 18.6 27.8





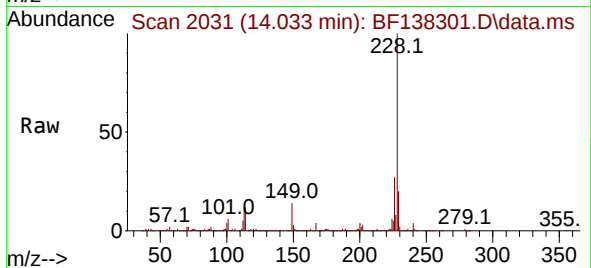
#81
Benzo(a)anthracene
Concen: 37.760 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



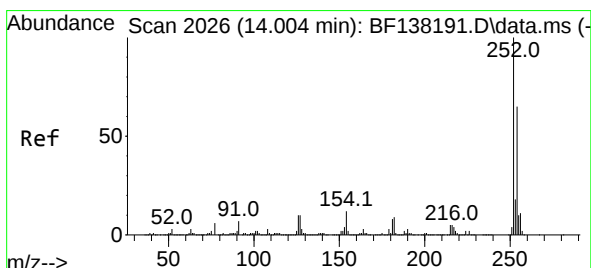
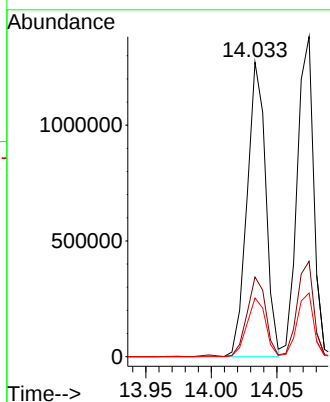
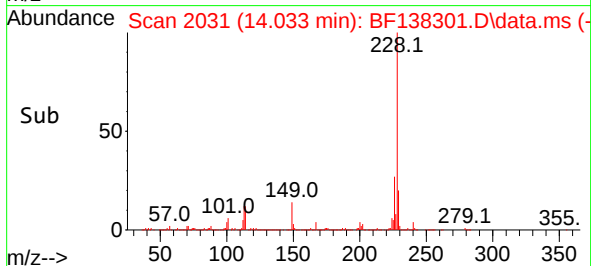
Tgt Ion:228 Resp: 1256738
Ion Ratio Lower Upper
228 100
226 27.0 22.5 33.7
229 19.9 16.3 24.5

Manual Integrations

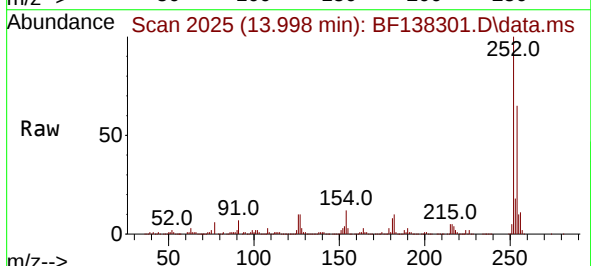
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

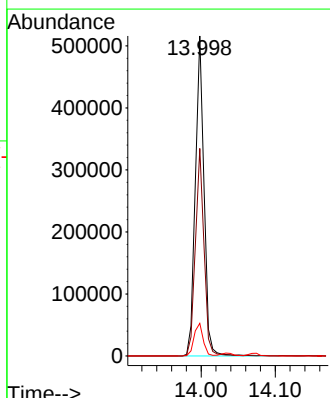
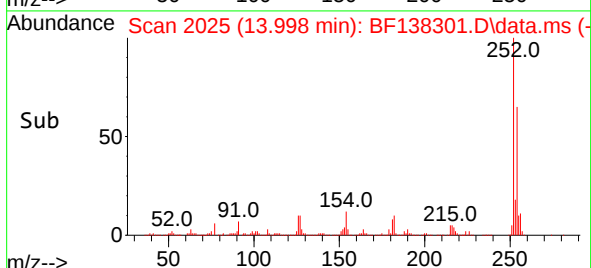
Supervised By :mohammad ahmed 06/26/2024

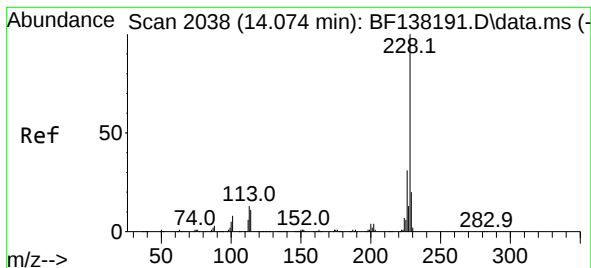


#82
3,3'-Dichlorobenzidine
Concen: 45.825 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39



Tgt Ion:252 Resp: 420001
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 10.2 8.3 12.5





#83

Chrysene

Concen: 38.313 ng

RT: 14.074 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1215449

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

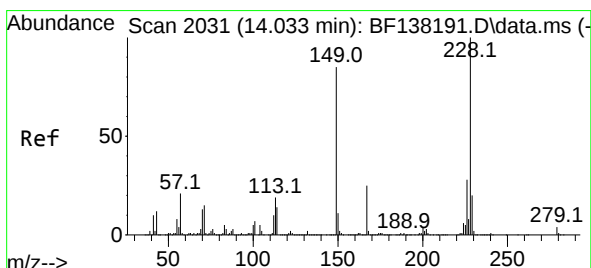
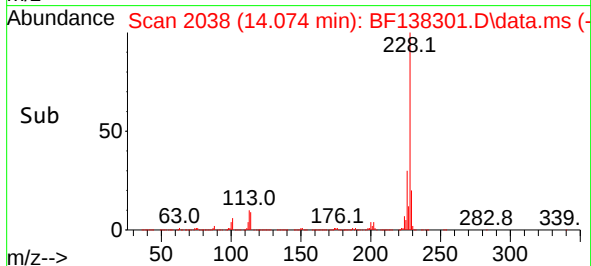
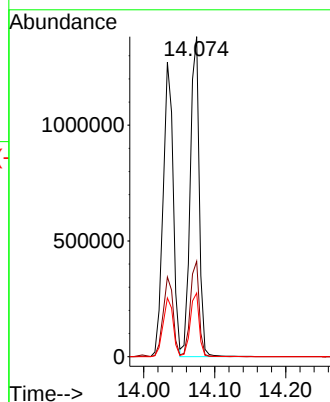
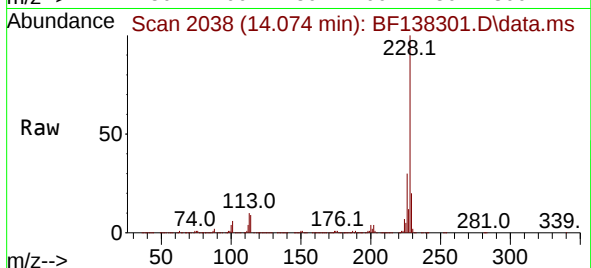
229 19.9 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.704 ng

RT: 14.022 min Scan# 2029

Delta R.T. -0.011 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

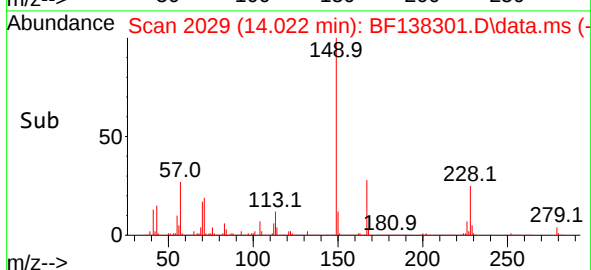
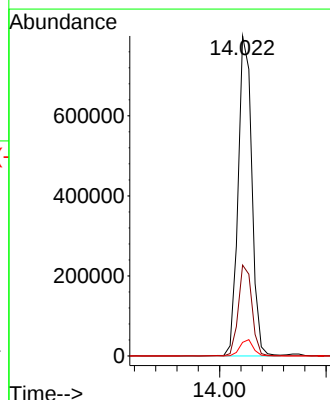
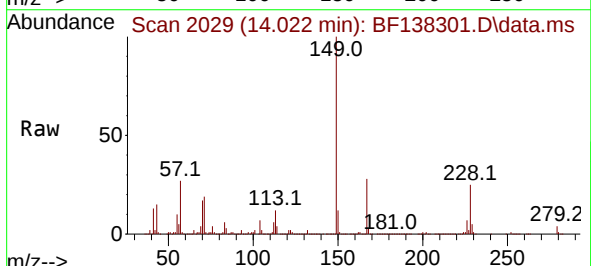
Tgt Ion:149 Resp: 717802

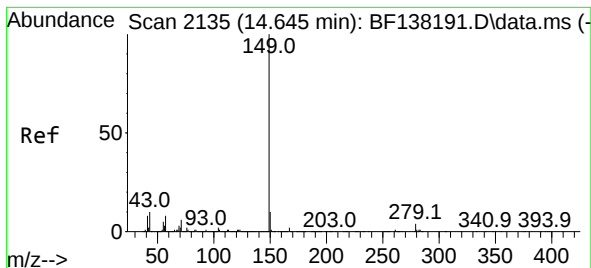
Ion Ratio Lower Upper

149 100

167 28.4 23.5 35.3

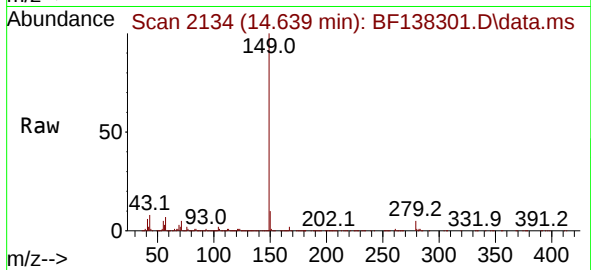
279 4.3 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 54.910 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

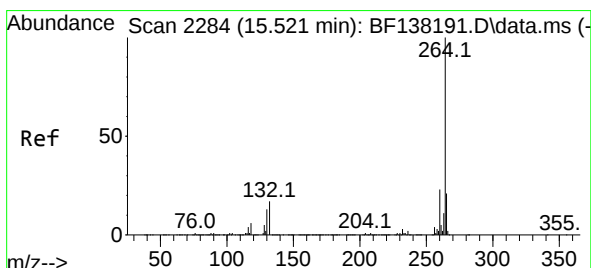
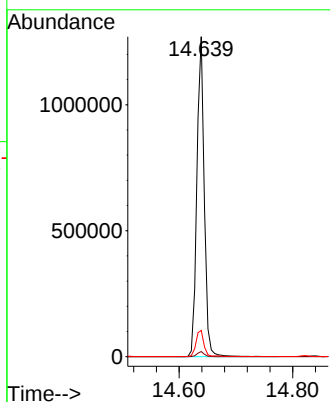
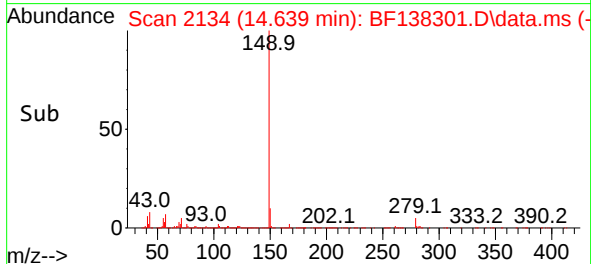
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 1154829
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.8 11.6

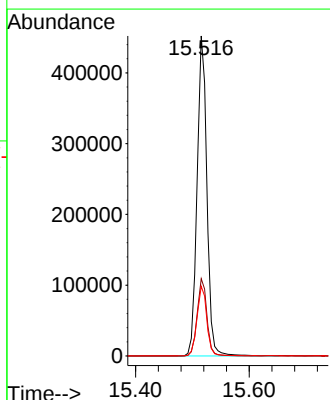
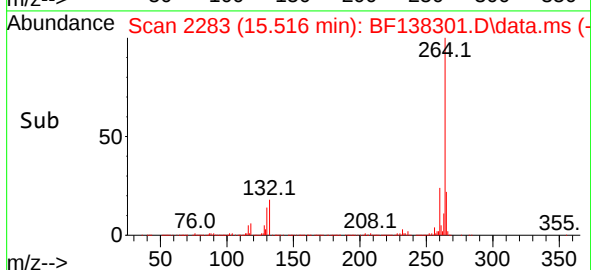
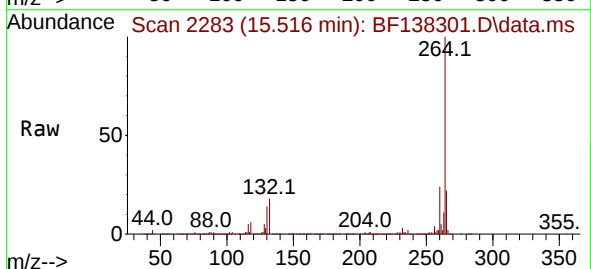
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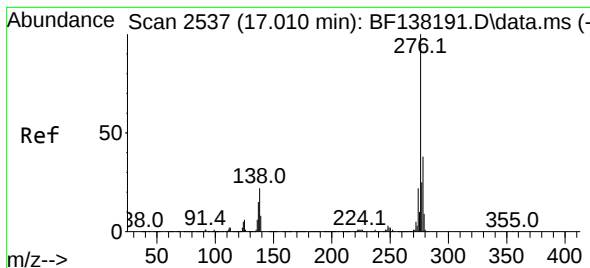
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion:264 Resp: 545401
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.615 ng

RT: 17.004 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 147960

Ion Ratio Lower Upper

276 100

138 24.1 19.3 28.9

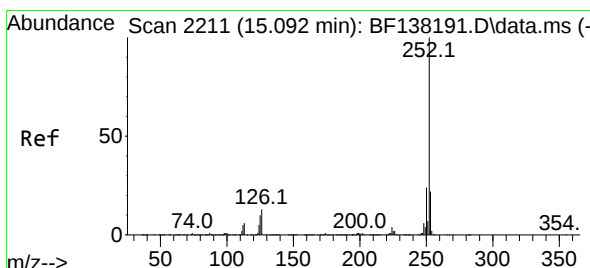
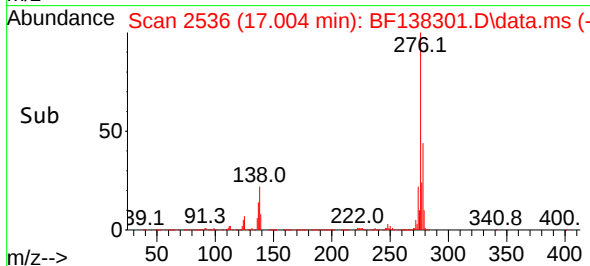
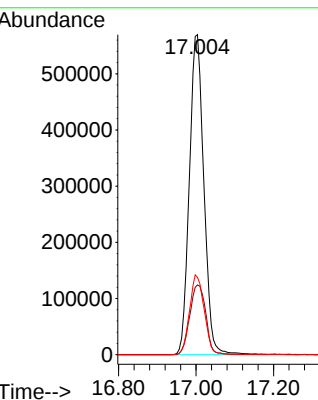
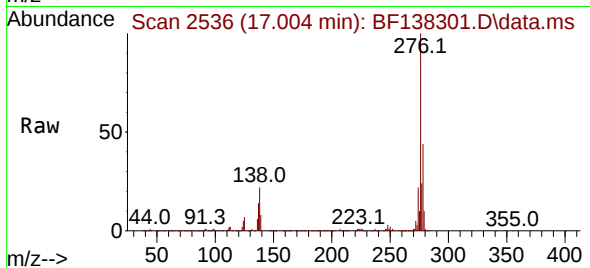
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#88

Benzo(b)fluoranthene

Concen: 35.765 ng

RT: 15.086 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

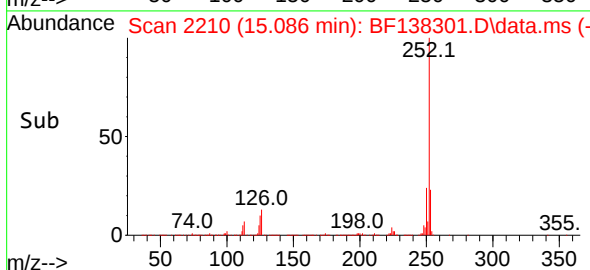
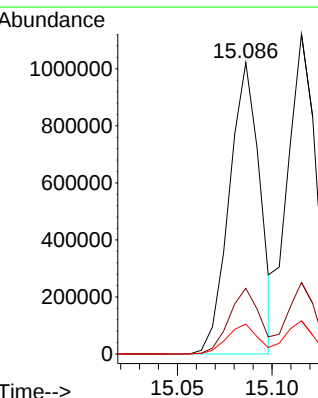
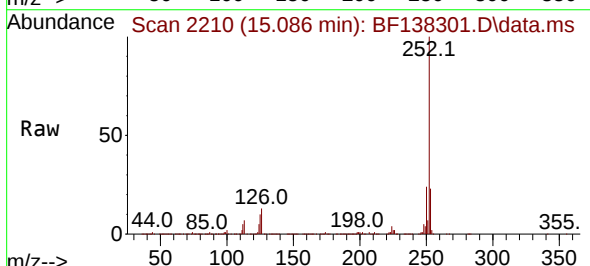
Tgt Ion:252 Resp: 1150317

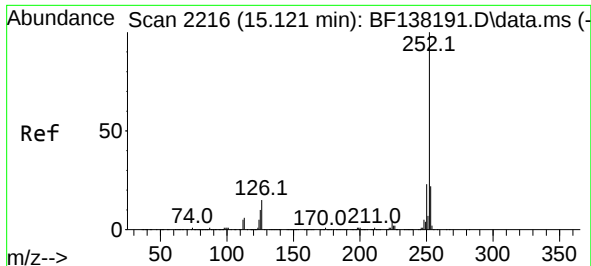
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 10.3 7.8 11.8





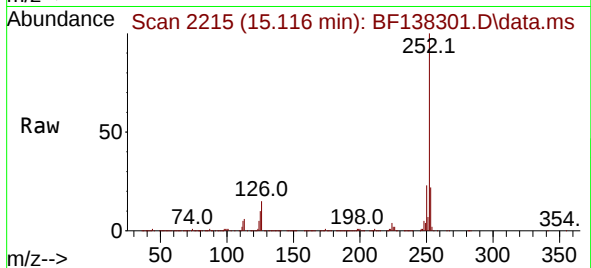
#89
Benzo(k)fluoranthene
Concen: 37.259 ng
RT: 15.116 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



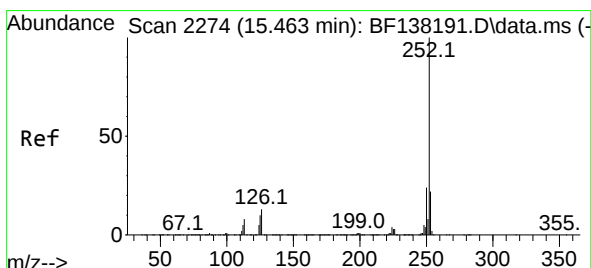
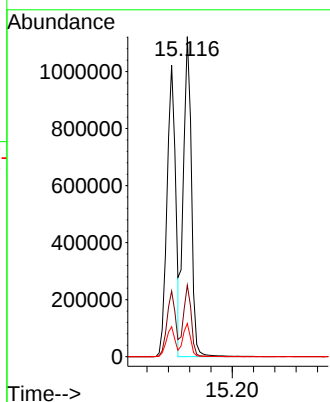
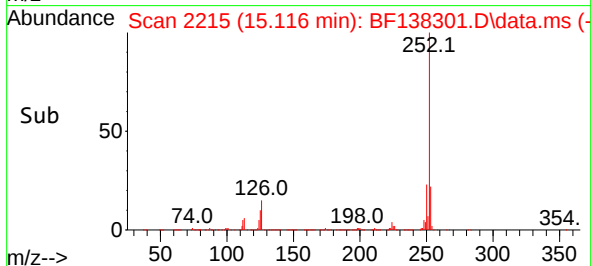
Tgt Ion:252 Resp: 117442
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.4 8.0 12.0

Manual Integrations

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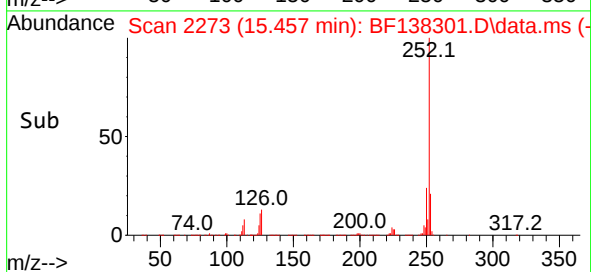
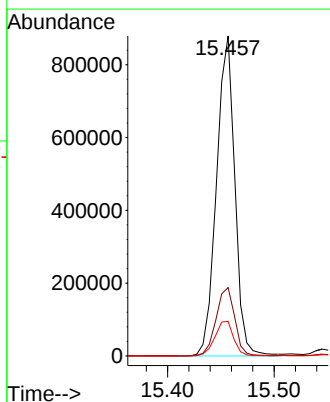
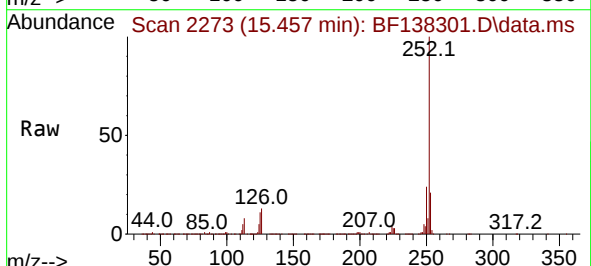
Reviewed By :Yogesh Patel 06/25/2024

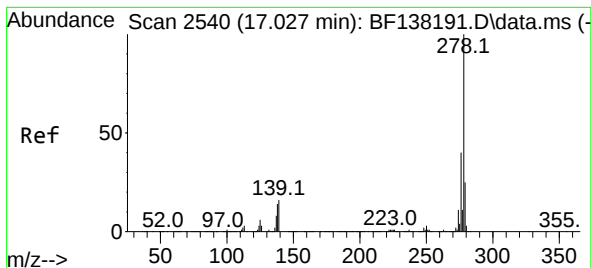
Supervised By :mohammad ahmed 06/26/2024



#90
Benzo(a)pyrene
Concen: 37.932 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138301.D
Acq: 24 Jun 2024 10:39

Tgt Ion:252 Resp: 1048090
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 10.8 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 41.773 ng

RT: 17.021 min Scan# 2539

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 121909

Ion Ratio Lower Upper

278 100

139 15.3 12.9 19.3

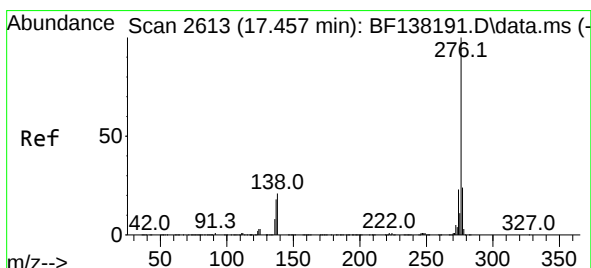
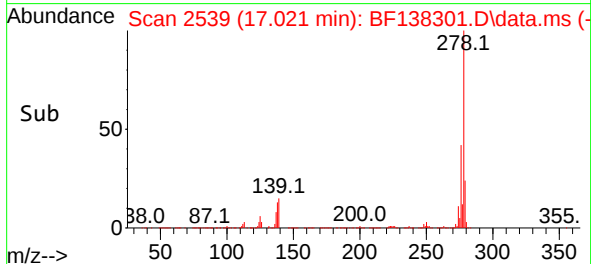
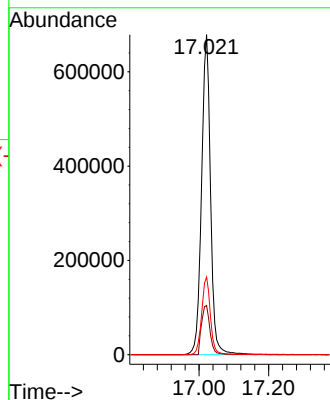
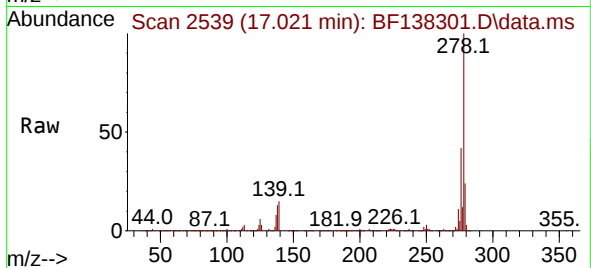
279 24.2 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#92

Benzo(g,h,i)perylene

Concen: 41.413 ng

RT: 17.451 min Scan# 2612

Delta R.T. -0.006 min

Lab File: BF138301.D

Acq: 24 Jun 2024 10:39

Tgt Ion:276 Resp: 1250308

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 20.7 16.6 24.8

