

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136648.D
 Acq On : 20 Dec 2023 14:58
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 20 17:15:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 17:02:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	74076	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	283483	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	147564	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	274873	20.000	ng	0.00
76) Chrysene-d12	13.974	240	131976	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	134965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	685916	144.477	ng	0.00
7) Phenol-d6	6.451	99	892017	145.003	ng	0.01
23) Nitrobenzene-d5	7.369	82	847961	153.064	ng	0.01
42) 2,4,6-Tribromophenol	10.628	330	249182	143.382	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1512847	137.890	ng	0.00
79) Terphenyl-d14	12.916	244	1412870	149.606	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	147801	74.717	ng	98
3) Pyridine	3.322	79	363408	75.296	ng	99
4) n-Nitrosodimethylamine	3.310	42	200625	77.840	ng	95
6) Aniline	6.475	93	437951	71.206	ng	99
8) 2-Chlorophenol	6.593	128	376608	72.488	ng	95
9) Benzaldehyde	6.351	77	222393	63.557	ng	97
10) Phenol	6.463	94	476242	72.520	ng	95
11) bis(2-Chloroethyl)ether	6.546	93	368368	73.760	ng	98
12) 1,3-Dichlorobenzene	6.740	146	419107	73.947	ng	98
13) 1,4-Dichlorobenzene	6.816	146	418791	72.316	ng	99
14) 1,2-Dichlorobenzene	6.969	146	380339	70.581	ng	99
15) Benzyl Alcohol	6.946	79	302119	72.796	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	593120	72.641	ng	98
17) 2-Methylphenol	7.063	107	315688	73.346	ng	94
18) Hexachloroethane	7.304	117	152969	72.733	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	273468	73.333	ng	96
20) 3+4-Methylphenols	7.216	107	378255	70.345	ng	# 89
22) Acetophenone	7.216	105	528419	74.368	ng	98
24) Nitrobenzene	7.387	77	422165	76.072	ng	100
25) Isophorone	7.622	82	779622	77.340	ng	100
26) 2-Nitrophenol	7.698	139	210215	79.173	ng	98
27) 2,4-Dimethylphenol	7.740	122	247984	76.716	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	471589	76.964	ng	99
29) 2,4-Dichlorophenol	7.940	162	313150	75.248	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	347836	75.017	ng	99
31) Naphthalene	8.098	128	1152862	74.026	ng	100
32) Benzoic acid	7.904	122	274242m	88.343	ng	
33) 4-Chloroaniline	8.151	127	432481	75.212	ng	99
34) Hexachlorobutadiene	8.210	225	210735	74.805	ng	98
35) Caprolactam	8.557	113	104274m	75.933	ng	
36) 4-Chloro-3-methylphenol	8.645	107	352811	75.307	ng	98
37) 2-Methylnaphthalene	8.787	142	732548	73.088	ng	100
38) 1-Methylnaphthalene	8.887	142	720230	73.244	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	338883	74.154	ng	98
41) Hexachlorocyclopentadiene	8.934	237	116075	79.682	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	223920	76.402	ng	99

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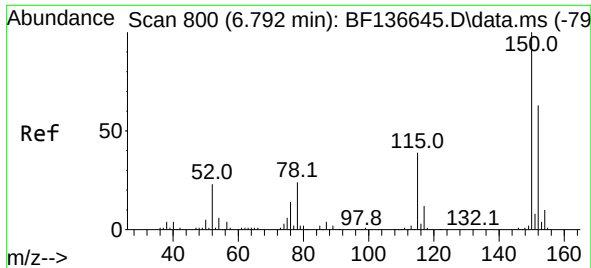
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	247645	75.826	ng	96
46) 1,1'-Biphenyl	9.257	154	892683	72.090	ng	100
47) 2-Chloronaphthalene	9.281	162	687272	73.008	ng	99
48) 2-Nitroaniline	9.381	65	226673	76.894	ng	98
49) Acenaphthylene	9.698	152	1032711	71.773	ng	100
50) Dimethylphthalate	9.569	163	799841	74.208	ng	100
51) 2,6-Dinitrotoluene	9.628	165	181191	74.071	ng	# 84
52) Acenaphthene	9.869	154	645277	72.347	ng	100
53) 3-Nitroaniline	9.798	138	189605	73.171	ng	99
54) 2,4-Dinitrophenol	9.904	184	107946	79.640	ng	91
55) Dibenzofuran	10.039	168	936777	69.286	ng	100
56) 4-Nitrophenol	9.969	139	138047	78.917	ng	99
57) 2,4-Dinitrotoluene	10.034	165	224601	70.727	ng	91
58) Fluorene	10.386	166	745302	69.473	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	183544	72.498	ng	99
60) Diethylphthalate	10.263	149	798569	71.407	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	355936	68.259	ng	100
62) 4-Nitroaniline	10.422	138	178596m	69.770	ng	
63) Azobenzene	10.539	77	760367	72.796	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	136988	86.960	ng	99
66) n-Nitrosodiphenylamine	10.504	169	660984	74.026	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	226193	74.097	ng	98
68) Hexachlorobenzene	10.933	284	253812	74.609	ng	98
70) Pentachlorophenol	11.128	266	129696	81.792	ng	100
71) Phenanthrene	11.351	178	1011675	71.730	ng	99
72) Anthracene	11.404	178	1020780	71.466	ng	100
73) Carbazole	11.557	167	957674	71.114	ng	99
74) Di-n-butylphthalate	11.892	149	1167474	71.046	ng	99
75) Fluoranthene	12.539	202	1021009	67.678	ng	97
77) Benzidine	12.663	184	242957	62.434	ng	97
78) Pyrene	12.769	202	1025577	79.161	ng	100
80) Butylbenzylphthalate	13.392	149	375905	79.739	ng	96
81) Benzo(a)anthracene	13.963	228	685047	74.752	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	198108	76.120	ng	97
83) Chrysene	14.004	228	676108	75.444	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	470720	79.362	ng	# 97
85) Di-n-octyl phthalate	14.574	149	770778	84.010	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	812502	83.379	ng	99
88) Benzo(b)fluoranthene	15.021	252	657365	72.924	ng	100
89) Benzo(k)fluoranthene	15.051	252	617441	72.512	ng	99
90) Benzo(a)pyrene	15.392	252	583713	76.712	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	651056	81.438	ng	98
92) Benzo(g,h,i)perylene	17.427	276	684767	83.630	ng	99

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



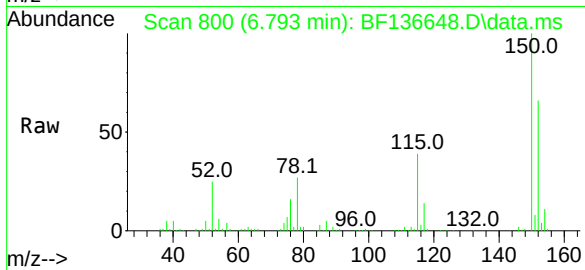
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF136648.D
 Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

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SSTDICC080

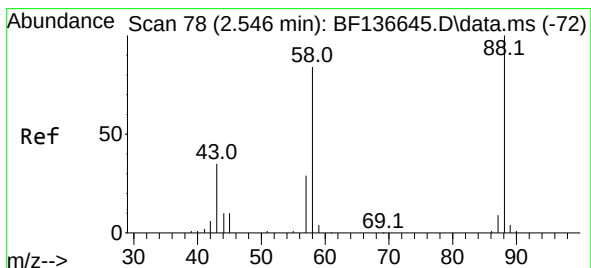
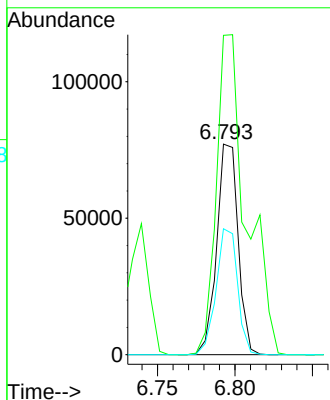
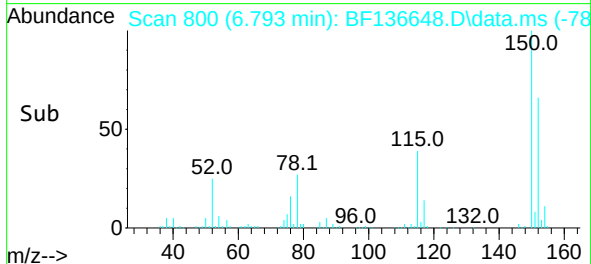


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 Ion Ratio Lower Upper
 152 100
 150 151.7 127.0 190.6
 115 59.8 49.0 73.4

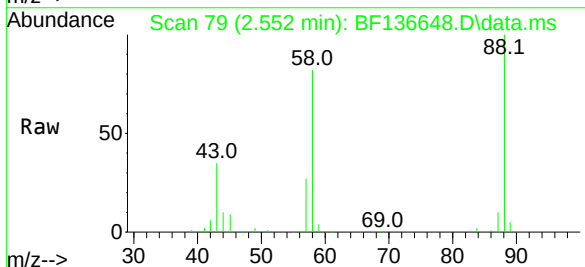
Manual Integrations

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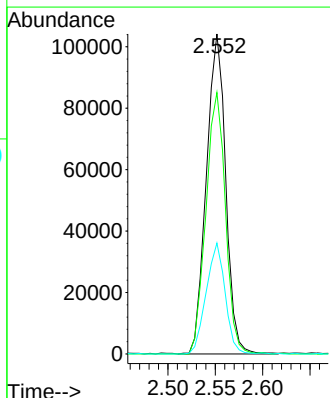
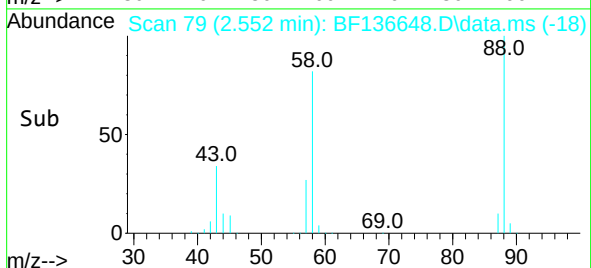
Reviewed By :Yogesh Patel 12/21/2023
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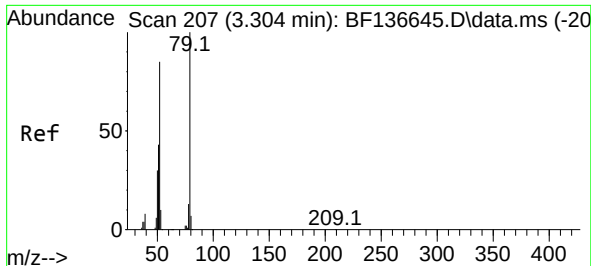


#2
 1,4-Dioxane
 Concen: 74.717 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF136648.D
 Acq: 20 Dec 2023 14:58



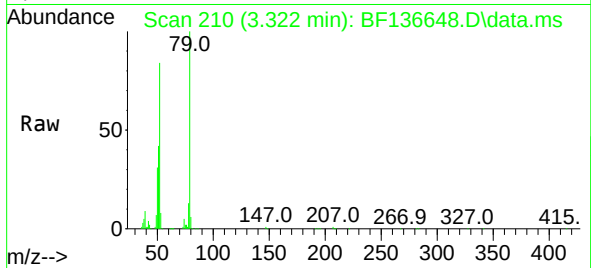
Tgt Ion: 88 Resp: 147801
 Ion Ratio Lower Upper
 88 100
 58 82.3 67.4 101.0
 43 34.1 27.7 41.5





#3
Pyridine
Concen: 75.296 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.018 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

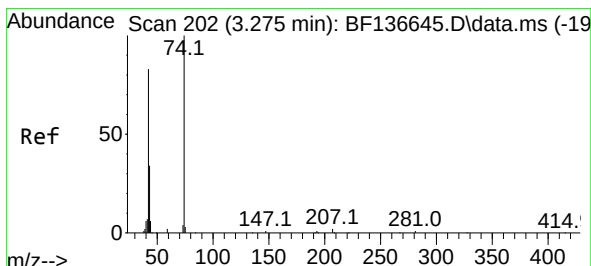
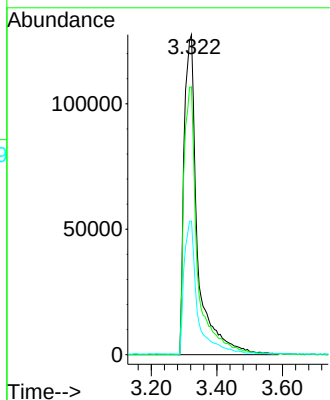
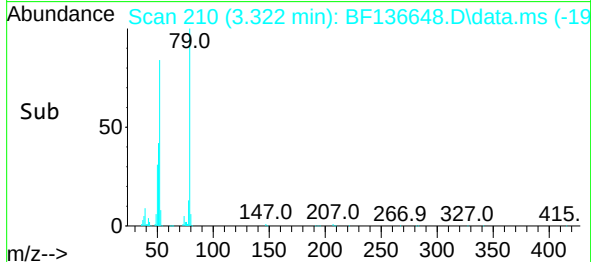
Instrument :
BNA_F
ClientSampleId :
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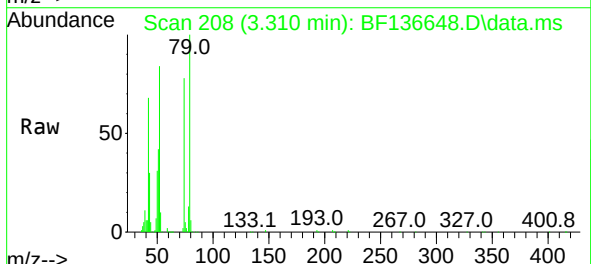
Tgt Ion: 79 Resp: 363408
Ion Ratio Lower Upper
79 100
52 83.7 67.7 101.5
51 41.8 34.0 51.0

Manual Integrations
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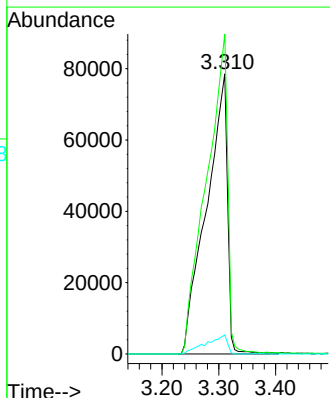
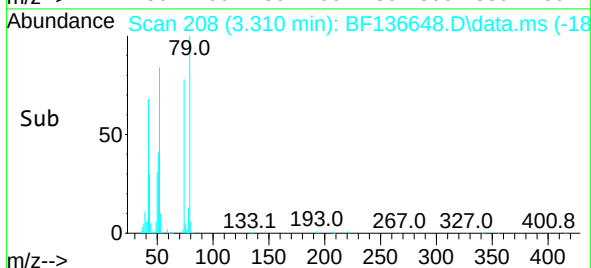
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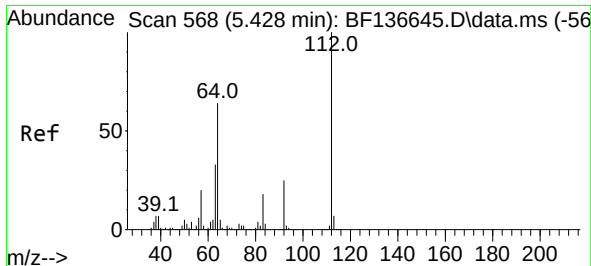


#4
n-Nitrosodimethylamine
Concen: 77.840 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.036 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



Tgt Ion: 42 Resp: 200625
Ion Ratio Lower Upper
42 100
74 114.2 96.0 144.0
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 144.477 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

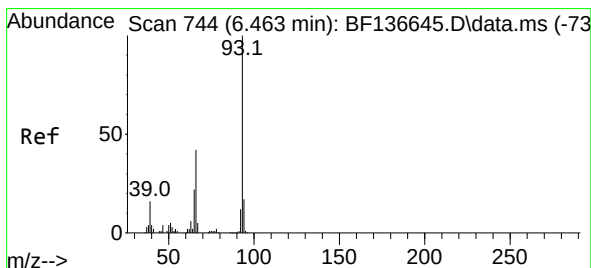
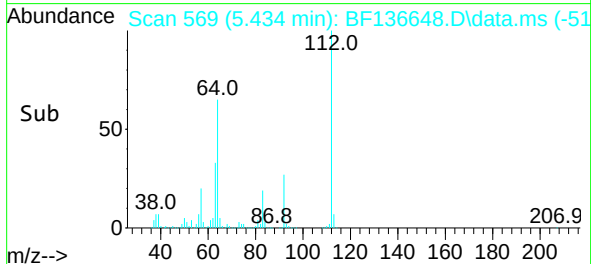
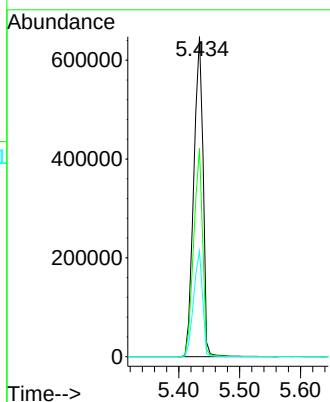
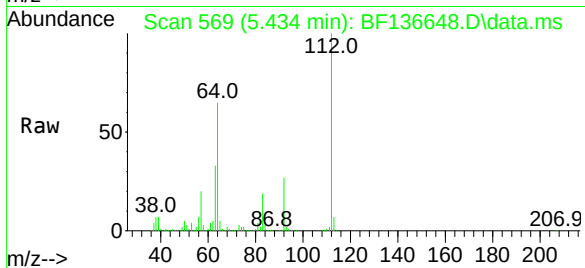
SSTDICC080

Tgt Ion:112 Resp: 685910
Ion Ratio Lower Upper
112 100
64 65.1 51.1 76.7
63 33.0 26.1 39.1

Manual Integrations

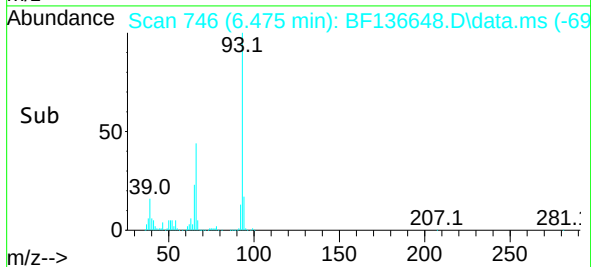
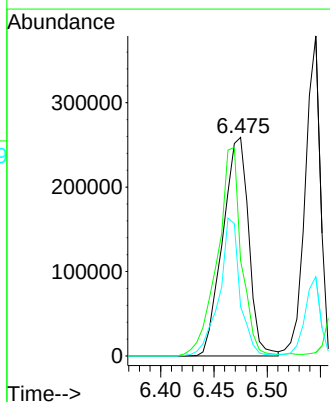
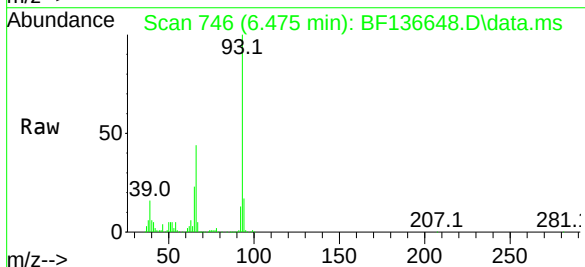
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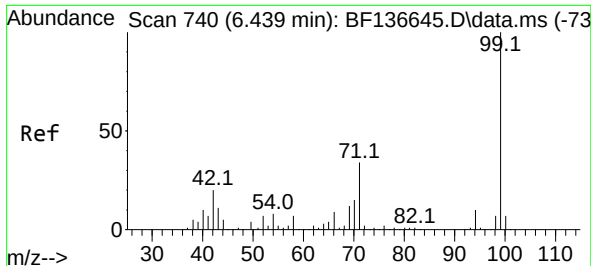
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#6
Aniline
Concen: 71.206 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

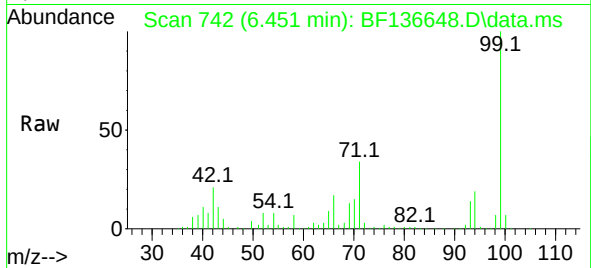
Tgt Ion: 93 Resp: 437951
Ion Ratio Lower Upper
93 100
66 43.6 34.6 51.8
65 22.6 17.8 26.8





#7
Phenol-d6
Concen: 145.003 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

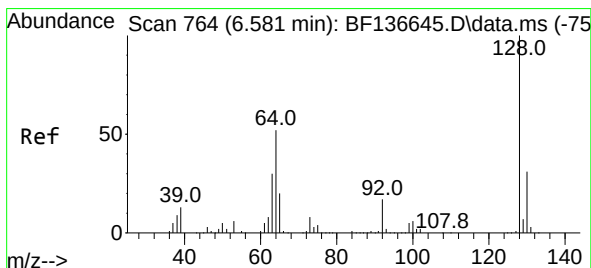
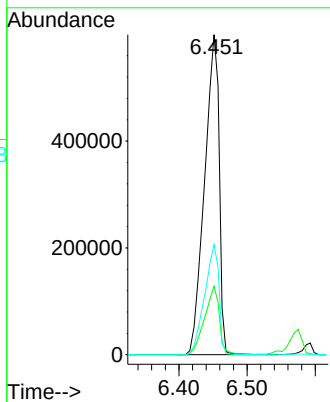
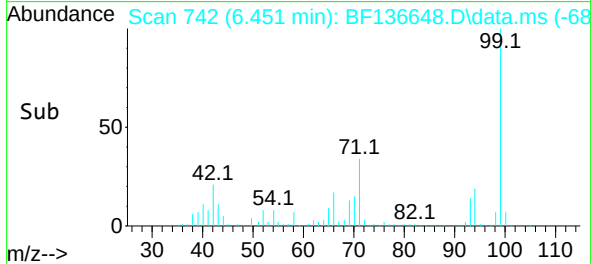
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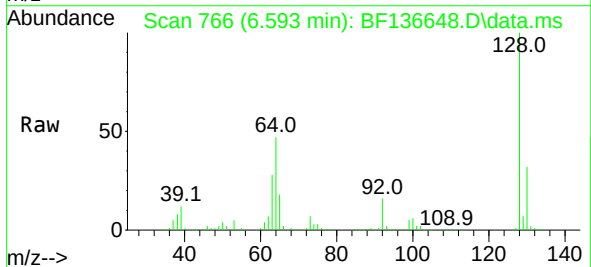
Tgt Ion: 99 Resp: 89201
Ion Ratio Lower Upper
99 100
42 21.4 16.1 24.1
71 34.4 27.4 41.2

Manual Integrations
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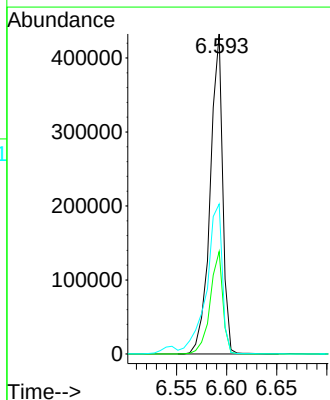
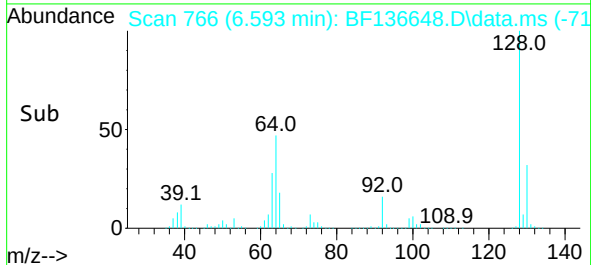
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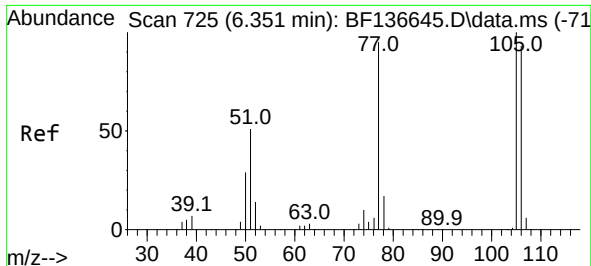


#8
2-Chlorophenol
Concen: 72.488 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



Tgt Ion:128 Resp: 376608
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 46.9 32.5 72.5





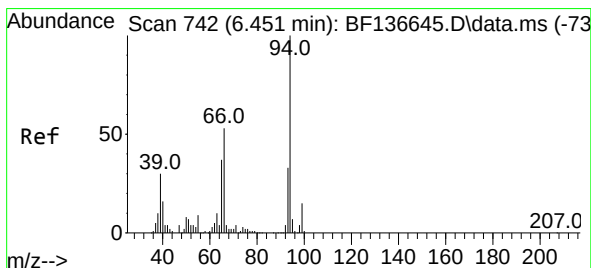
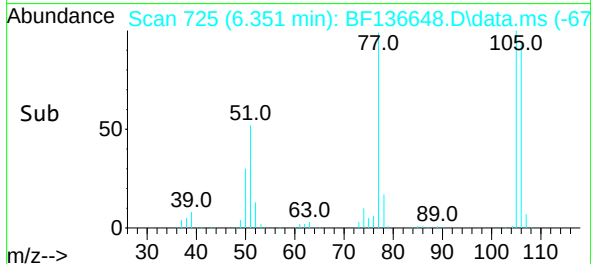
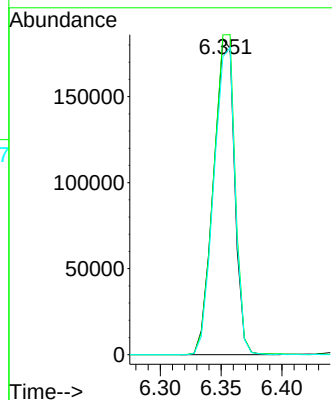
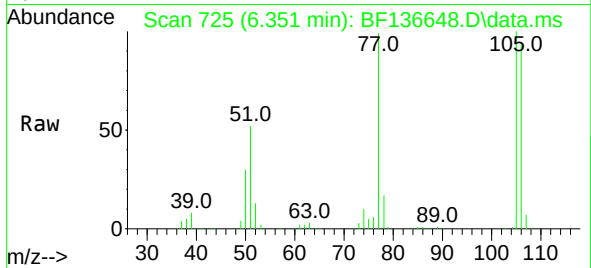
#9
Benzaldehyde
Concen: 63.557 ng
RT: 6.351 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 22239
Ion Ratio Lower Upper
77 100
105 101.3 84.8 124.8
106 94.4 77.8 117.8

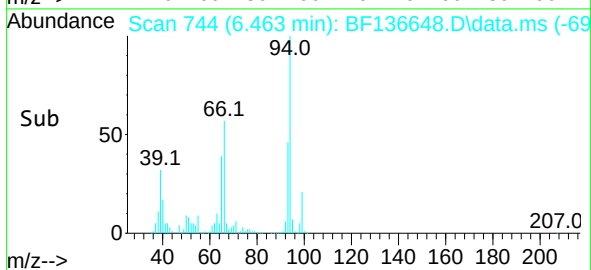
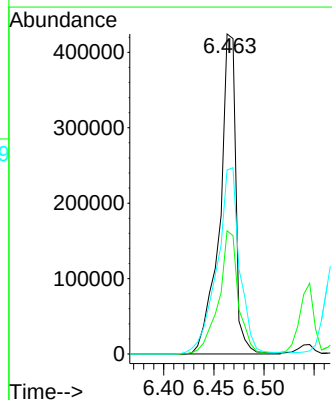
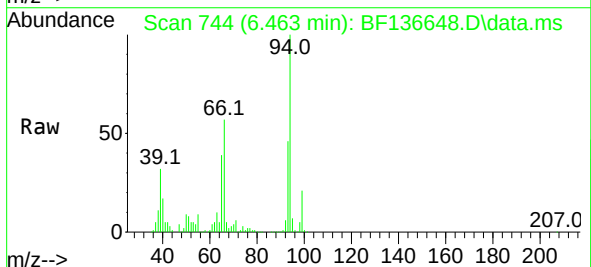
Manual Integrations
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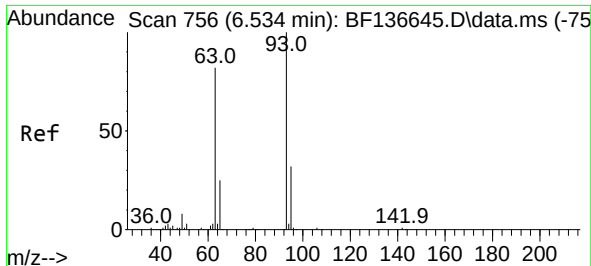
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#10
Phenol
Concen: 72.520 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Tgt Ion: 94 Resp: 476242
Ion Ratio Lower Upper
94 100
65 38.5 16.6 56.6
66 57.5 32.6 72.6





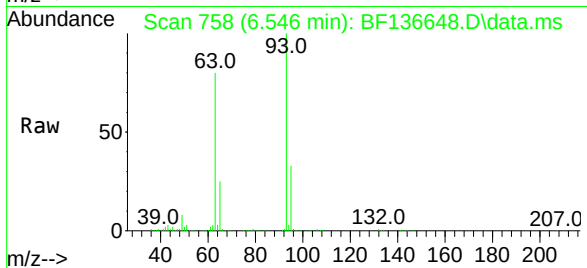
#11
bis(2-Chloroethyl)ether
Concen: 73.760 ng
RT: 6.546 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

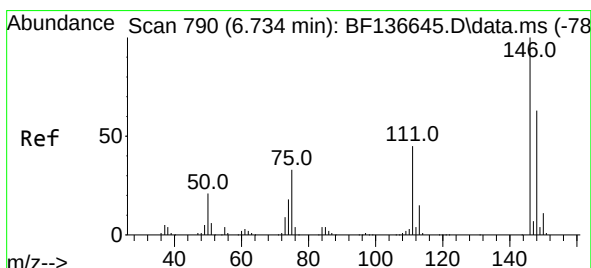
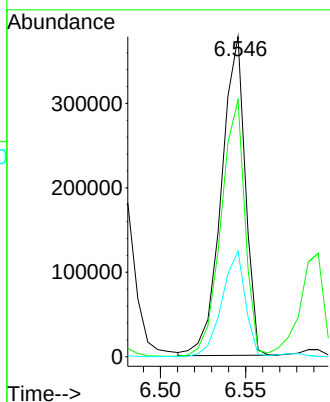
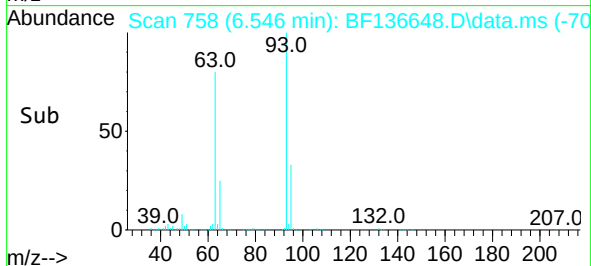
SSTDICC080



Tgt Ion: 93 Resp: 368368
Ion Ratio Lower Upper
93 100
63 80.2 61.2 101.2
95 33.0 11.6 51.6

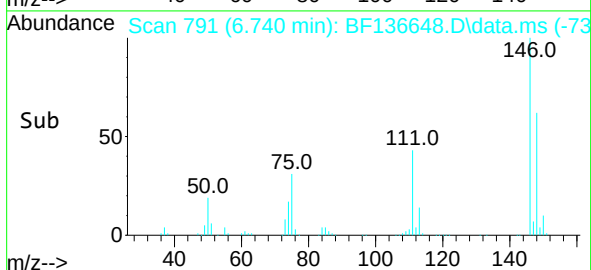
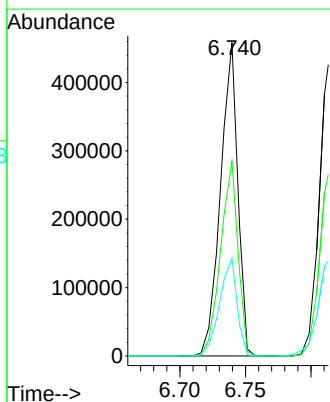
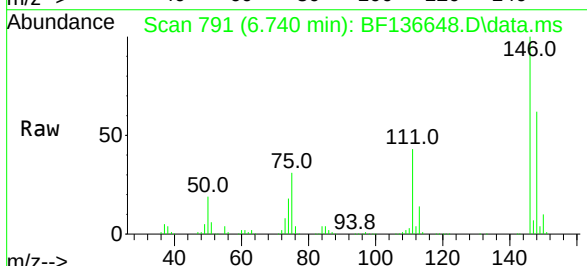
Manual Integrations
APPROVED

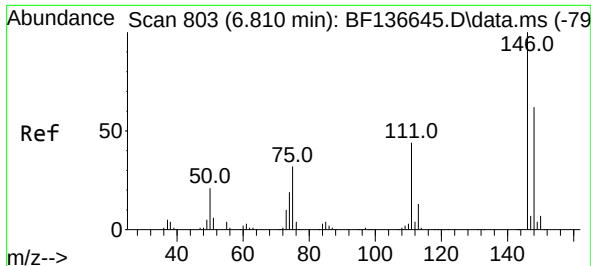
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#12
1,3-Dichlorobenzene
Concen: 73.947 ng
RT: 6.740 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Tgt Ion:146 Resp: 419107
Ion Ratio Lower Upper
146 100
148 62.1 50.5 75.7
75 31.1 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 72.316 ng

RT: 6.816 min Scan# 803

Delta R.T. 0.006 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 41879

Ion Ratio Lower Upper

146 100

148 62.5 49.2 73.8

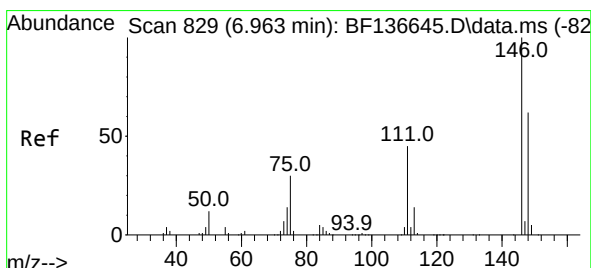
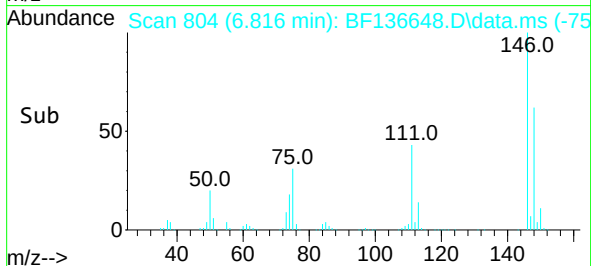
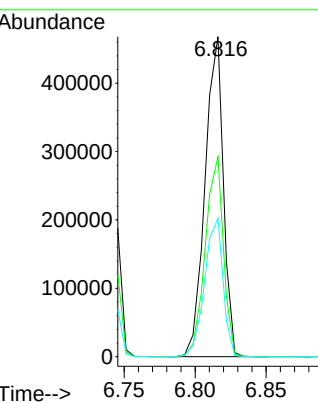
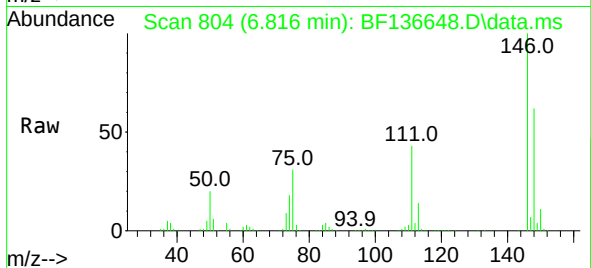
111 43.2 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#14

1,2-Dichlorobenzene

Concen: 70.581 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.006 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

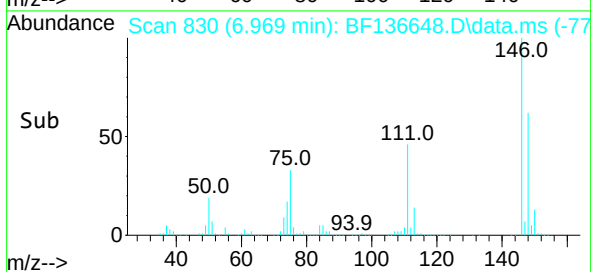
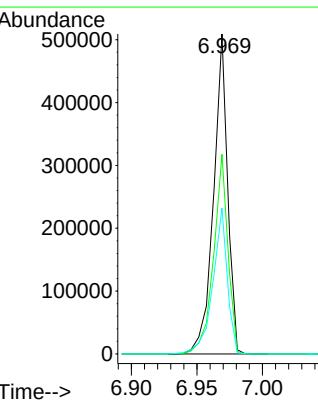
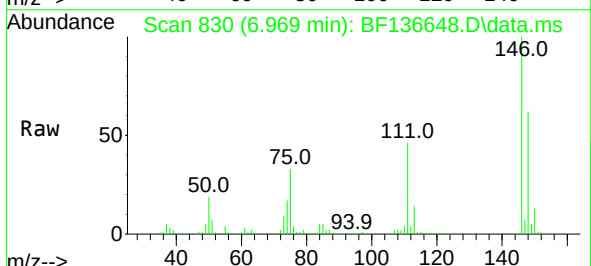
Tgt Ion:146 Resp: 380339

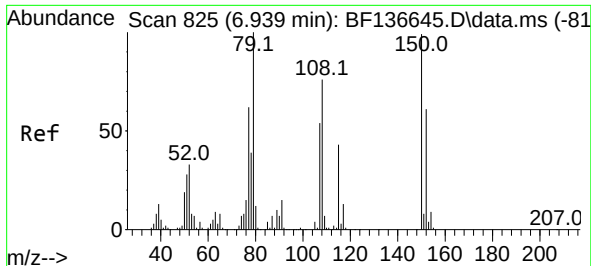
Ion Ratio Lower Upper

146 100

148 62.4 49.6 74.4

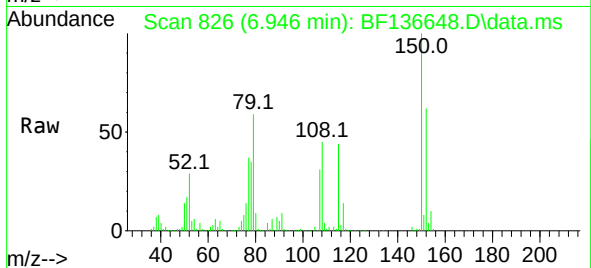
111 45.5 36.2 54.2





#15
Benzyl Alcohol
Concen: 72.796 ng
RT: 6.946 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

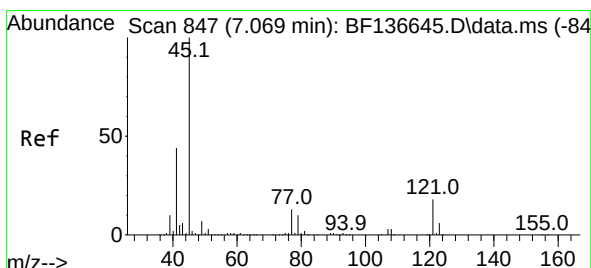
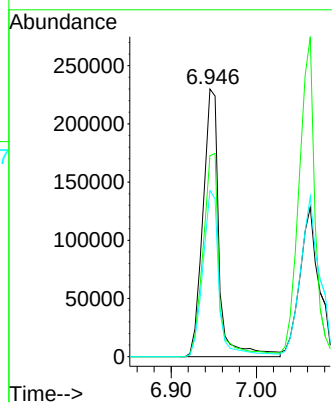
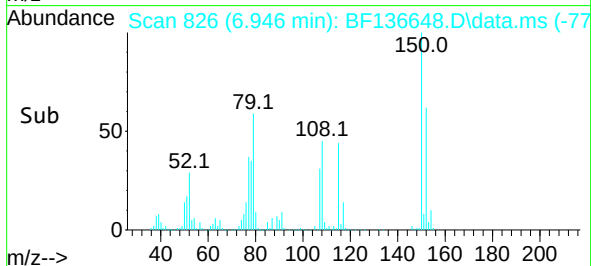
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 302119
Ion Ratio Lower Upper
79 100
108 75.2 61.0 91.6
77 62.1 49.8 74.8

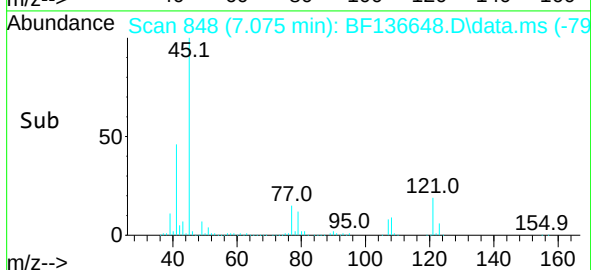
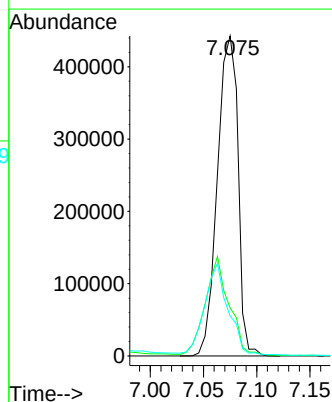
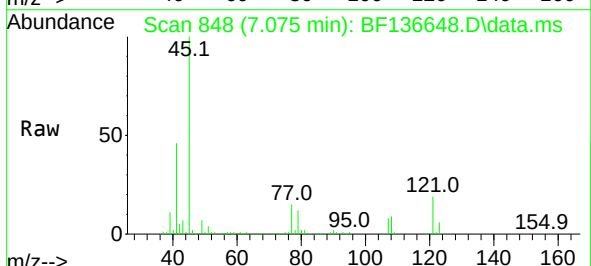
Manual Integrations
APPROVED

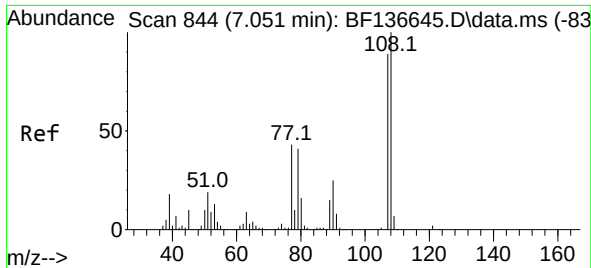
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.641 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Tgt Ion: 45 Resp: 593120
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.3
79 12.4 0.0 31.4





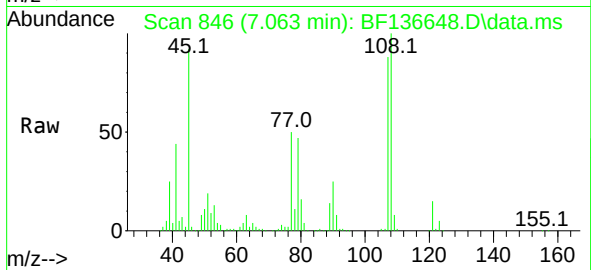
#17
2-Methylphenol
Concen: 73.346 ng
RT: 7.063 min Scan# 844
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

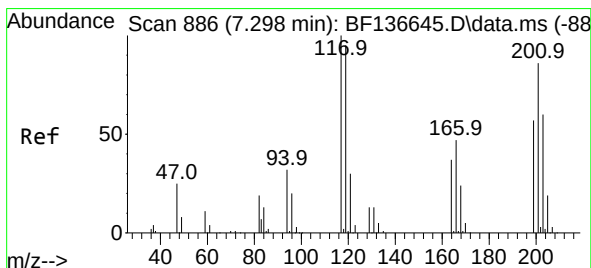
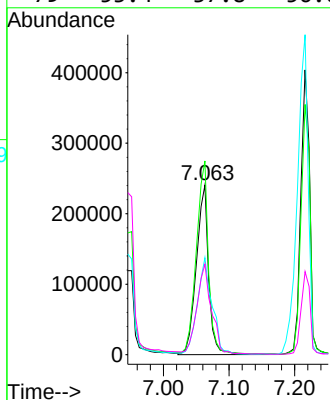
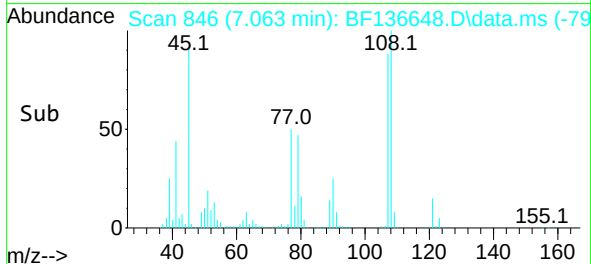


Tgt Ion:107 Resp: 31568
Ion Ratio Lower Upper
107 100
108 114.3 90.3 135.5
77 57.2 38.7 58.1
79 53.4 37.8 56.6

Manual Integrations

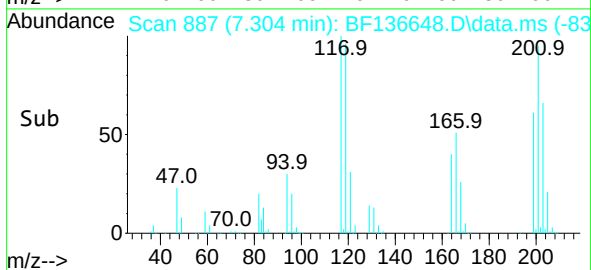
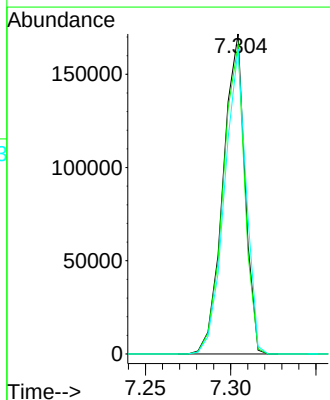
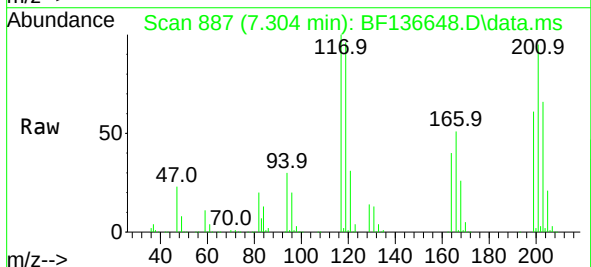
APPROVED

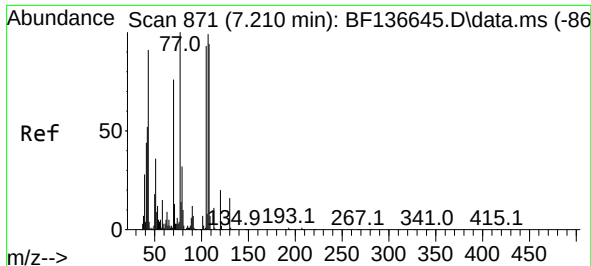
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#18
Hexachloroethane
Concen: 72.733 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

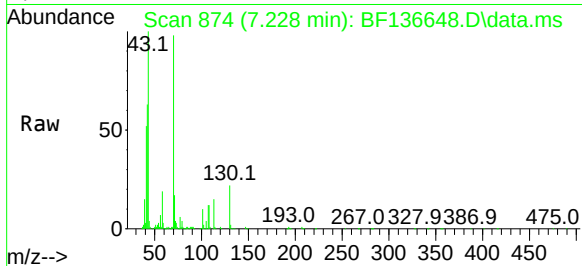
Tgt Ion:117 Resp: 152969
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.6
201 95.4 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 73.333 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

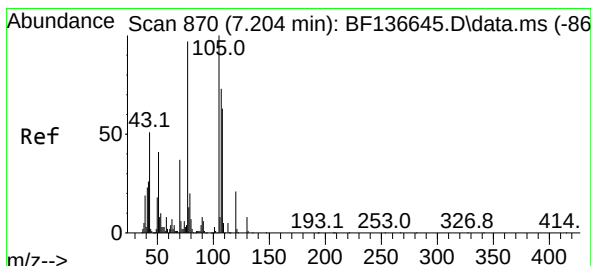
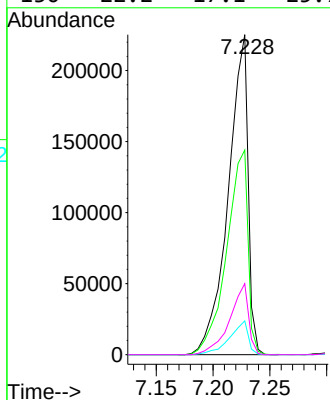
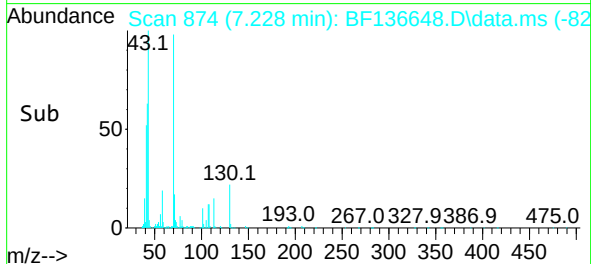
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



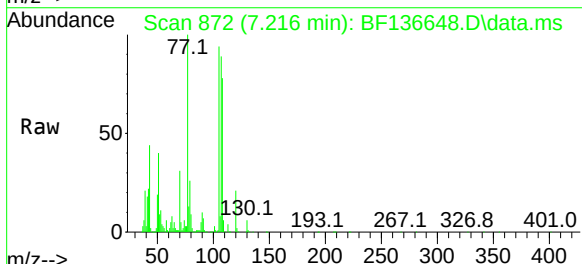
Tgt Ion: 70 Resp: 273468
Ion Ratio Lower Upper
70 100
42 63.9 54.2 81.4
101 10.6 7.6 11.4
130 22.2 17.1 25.7

Manual Integrations
APPROVED

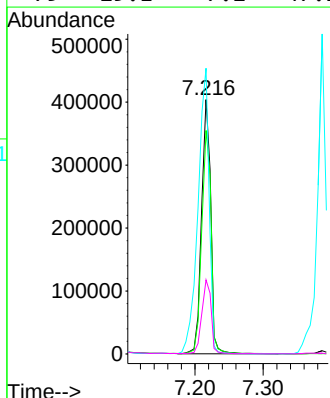
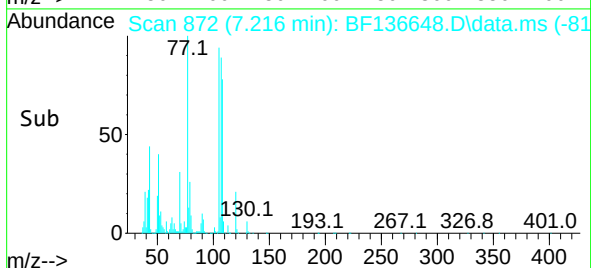
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

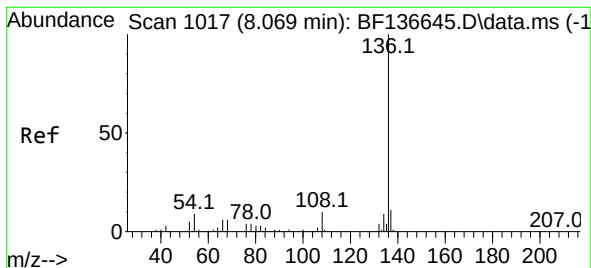


#20
3+4-Methylphenols
Concen: 70.345 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



Tgt Ion:107 Resp: 378255
Ion Ratio Lower Upper
107 100
108 87.9 66.0 106.0
77 112.3 114.2 154.2#
79 29.1 7.2 47.2





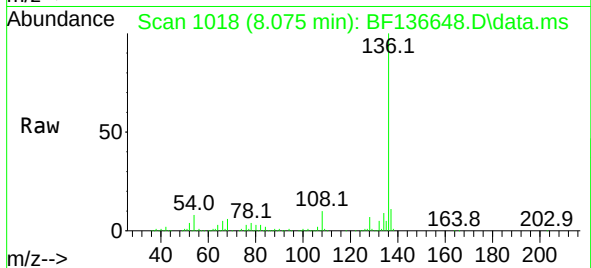
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

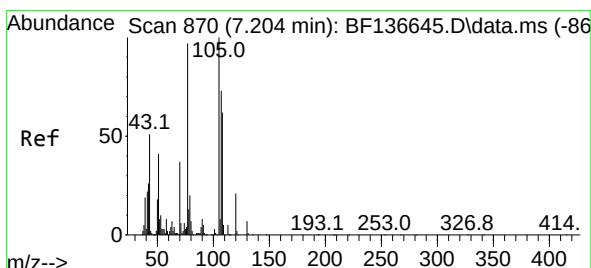
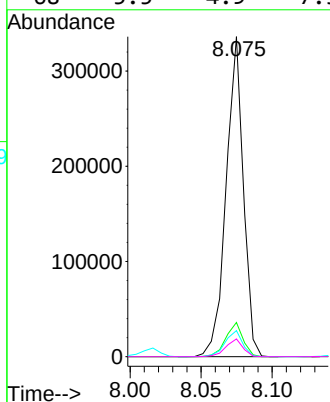
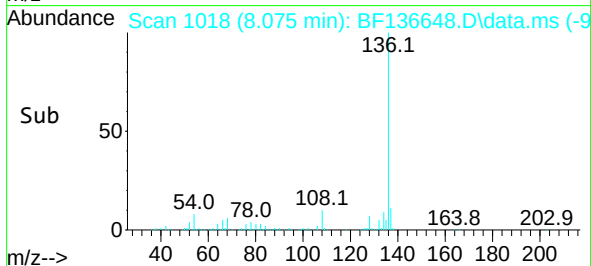


Tgt Ion:136 Resp: 28348
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.1 7.2 10.8
68 5.5 4.9 7.3

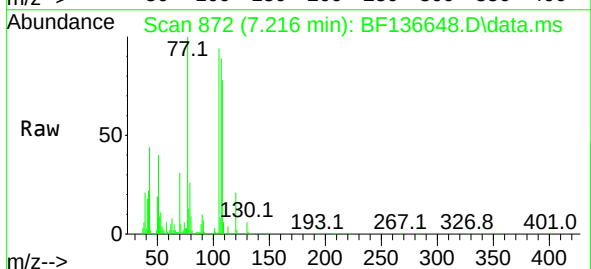
Manual Integrations

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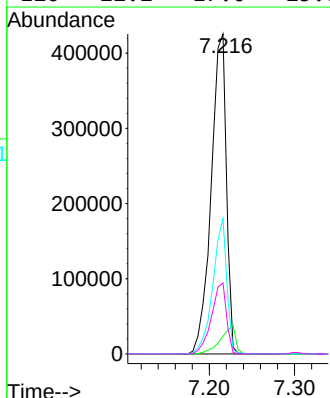
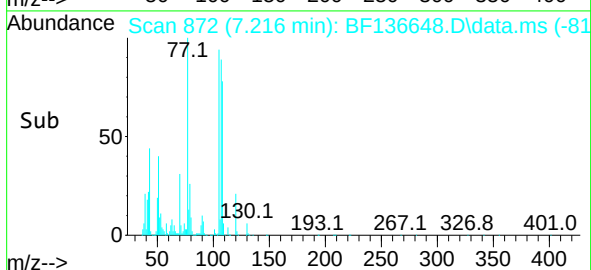
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

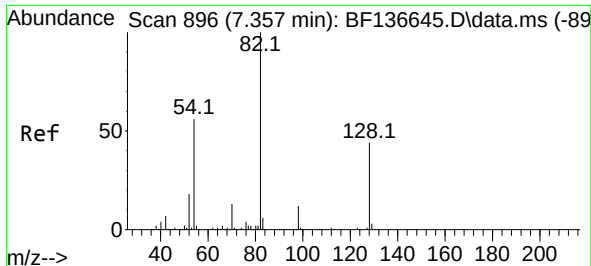


#22
Acetophenone
Concen: 74.368 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



Tgt Ion:105 Resp: 528419
Ion Ratio Lower Upper
105 100
71 5.6 4.8 7.2
51 42.3 32.8 49.2
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 153.064 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.012 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 84796

Ion Ratio Lower Upper

82 100

128 45.6 35.3 52.9

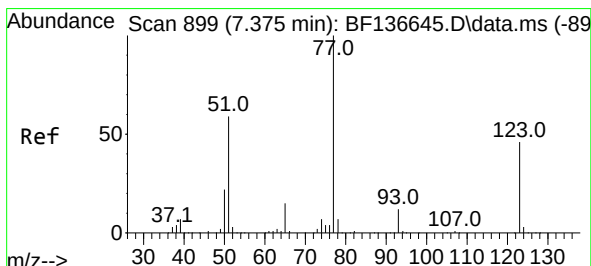
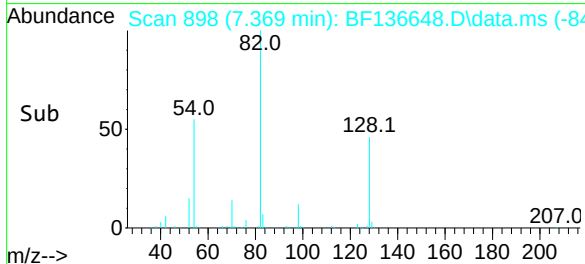
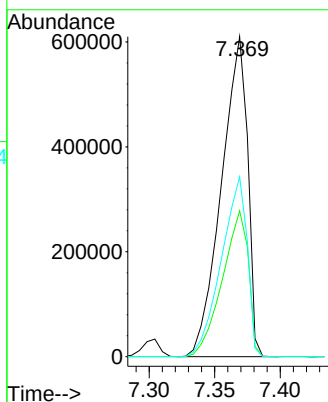
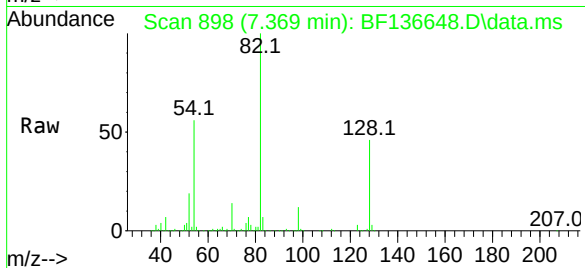
54 56.2 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#24

Nitrobenzene

Concen: 76.072 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.012 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

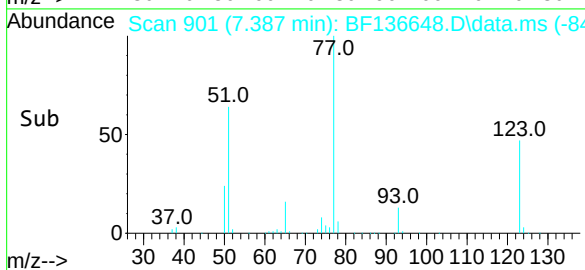
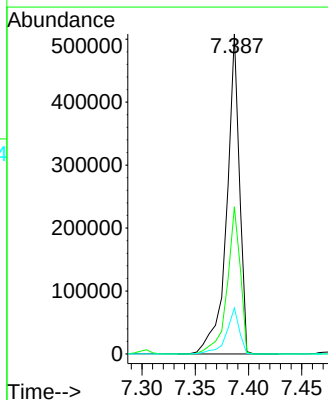
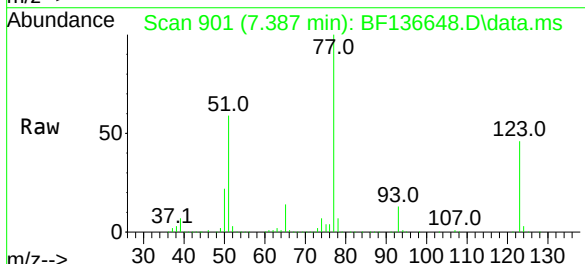
Tgt Ion: 77 Resp: 422165

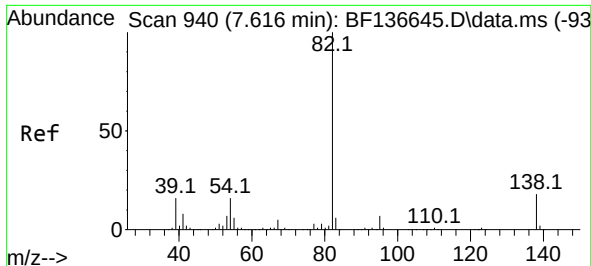
Ion Ratio Lower Upper

77 100

123 46.0 36.7 55.1

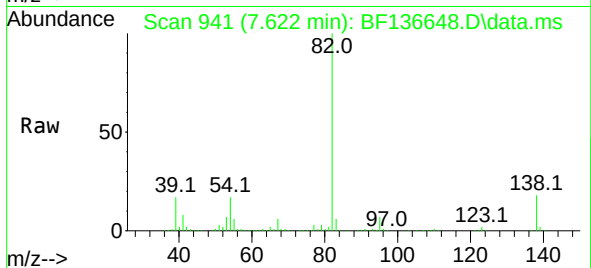
65 14.4 11.8 17.6





#25
Isophorone
Concen: 77.340 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

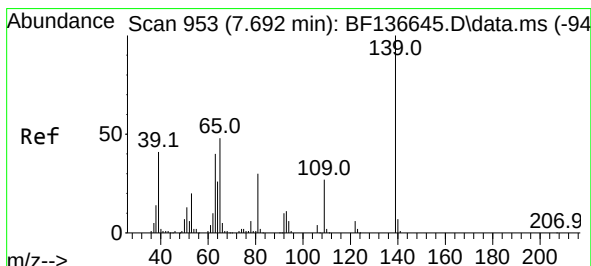
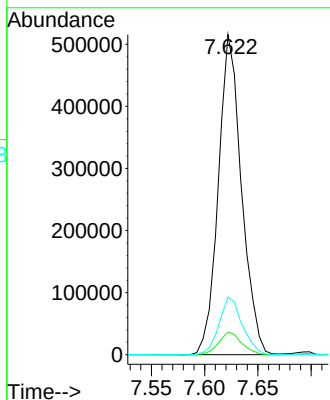
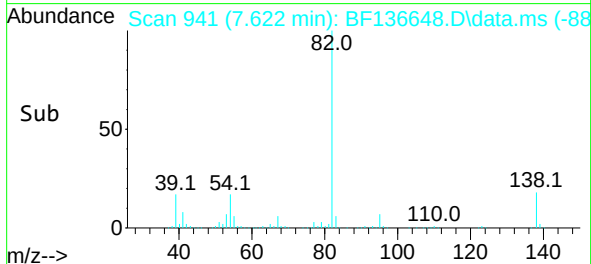
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



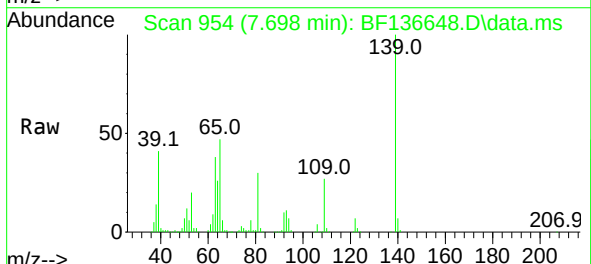
Tgt Ion: 82 Resp: 779622
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.0 14.5 21.7

Manual Integrations
APPROVED

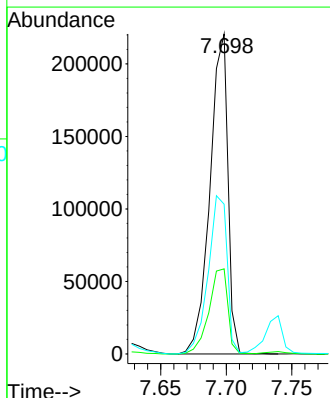
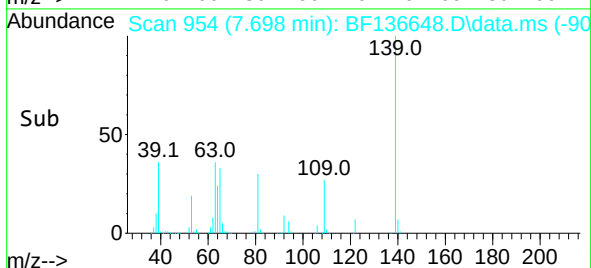
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

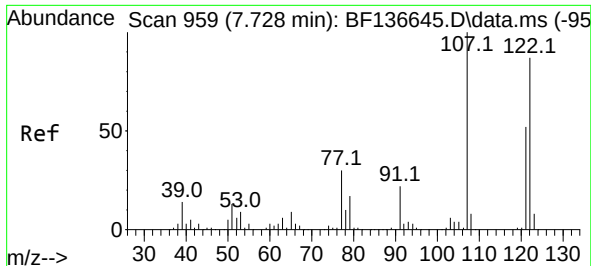


#26
2-Nitrophenol
Concen: 79.173 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



Tgt Ion:139 Resp: 210215
Ion Ratio Lower Upper
139 100
109 26.6 21.9 32.9
65 46.8 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 76.716 ng

RT: 7.740 min Scan# 90

Delta R.T. 0.012 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

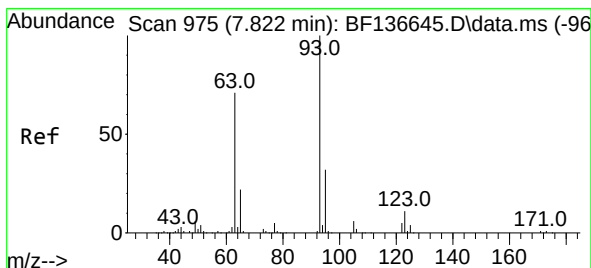
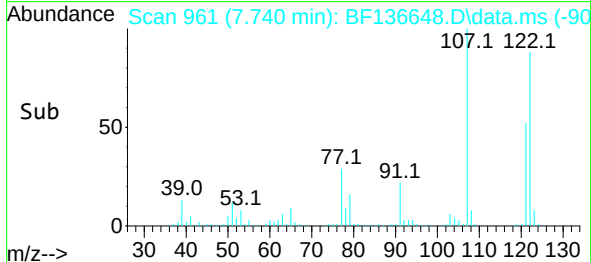
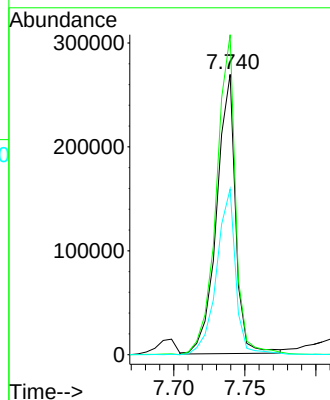
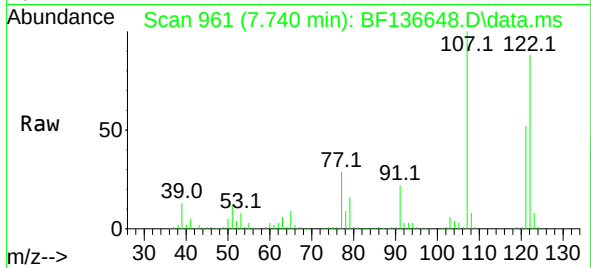
SSTDICC080

Tgt Ion:122 Resp: 247984
 Ion Ratio Lower Upper
 122 100
 107 114.1 92.0 138.0
 121 59.1 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 76.964 ng

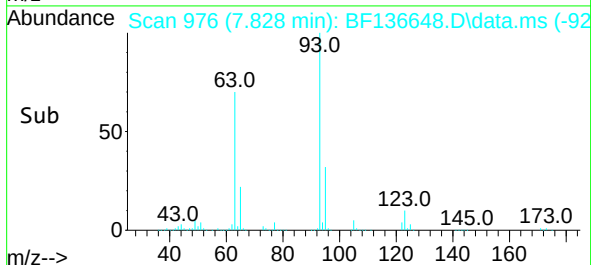
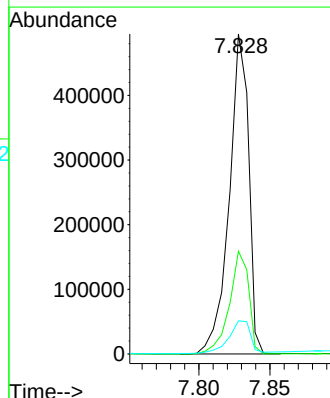
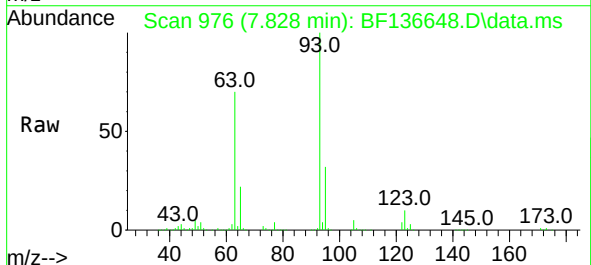
RT: 7.828 min Scan# 976

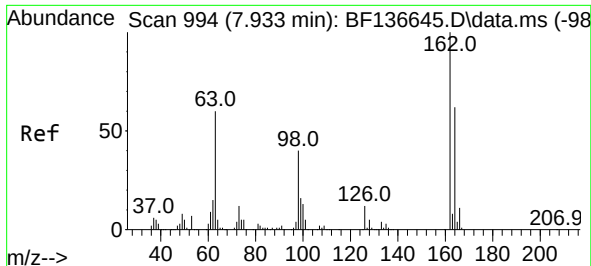
Delta R.T. 0.006 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Tgt Ion: 93 Resp: 471589
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.5 38.3
 123 10.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 75.248 ng

RT: 7.940 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF136648.D

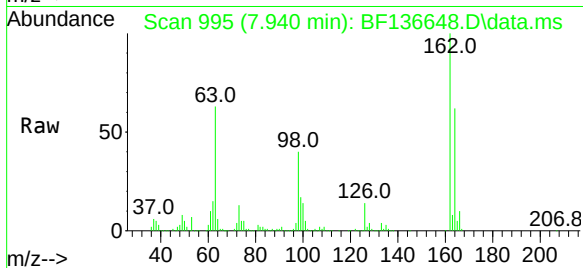
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:162 Resp: 313150

Ion Ratio Lower Upper

162 100

164 62.3 41.7 81.7

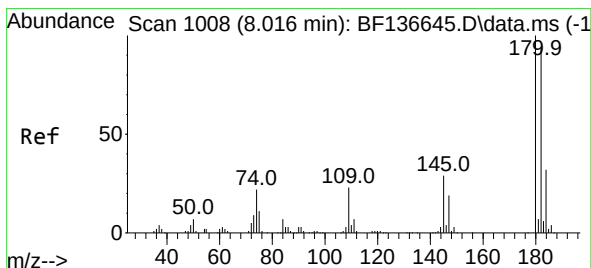
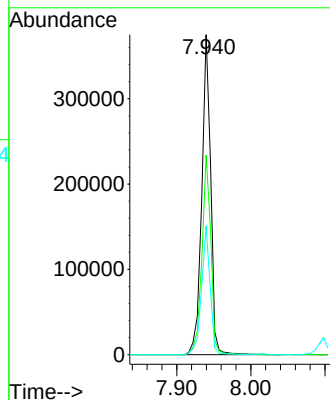
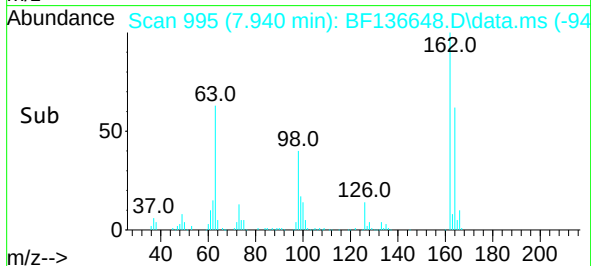
98 40.3 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 75.017 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

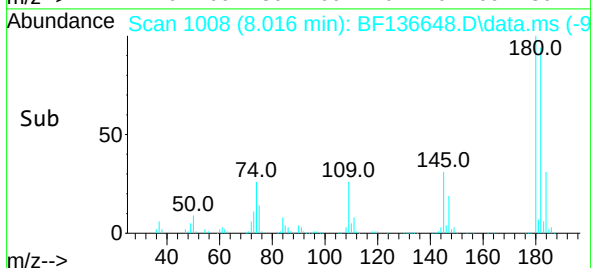
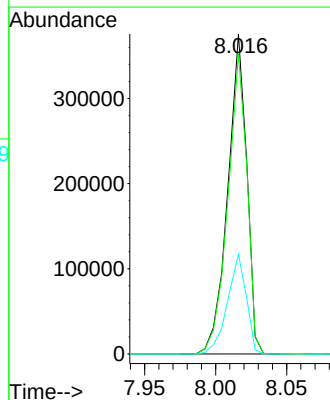
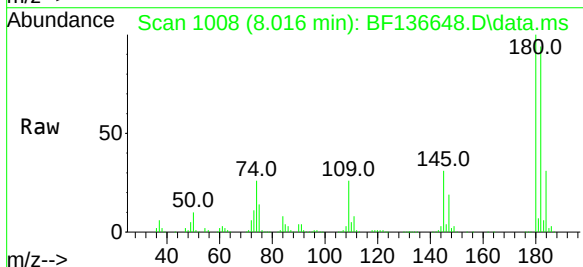
Tgt Ion:180 Resp: 347836

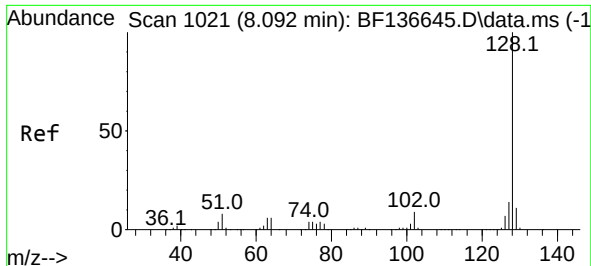
Ion Ratio Lower Upper

180 100

182 93.7 75.4 113.0

145 31.1 23.1 34.7





#31
Naphthalene
Concen: 74.026 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

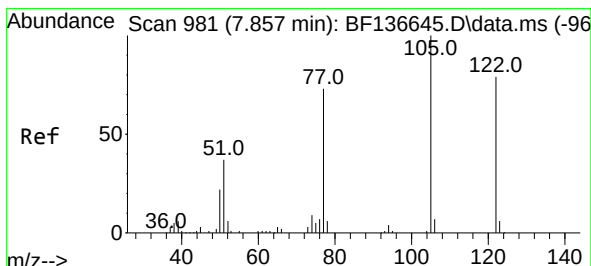
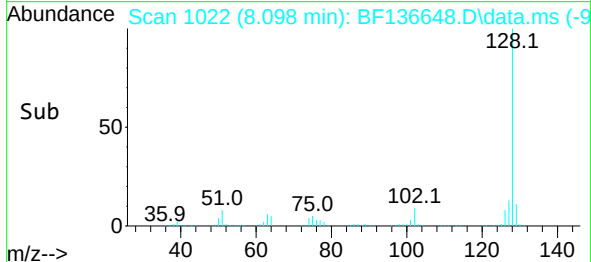
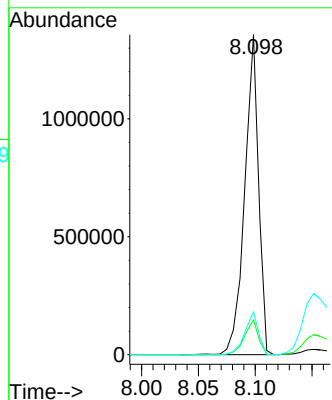
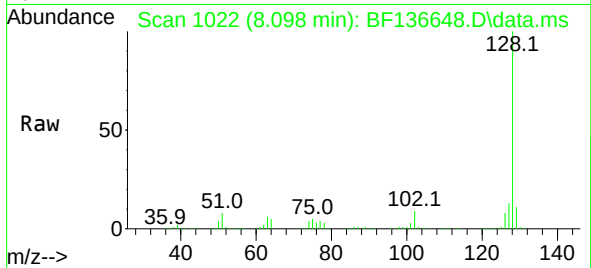
SSTDICC080

Tgt Ion:128 Resp: 115286
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.8 16.2

Manual Integrations

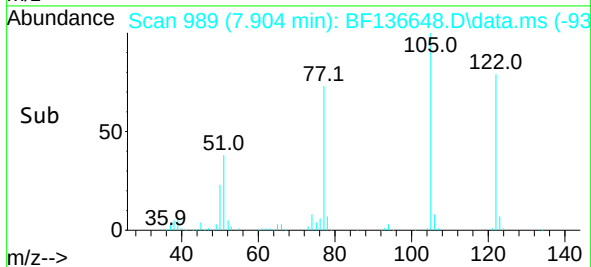
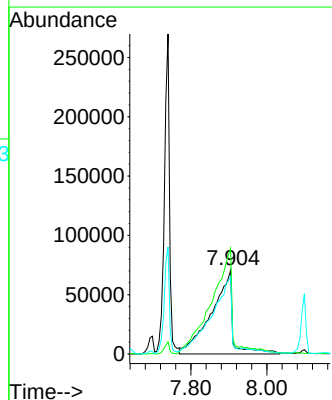
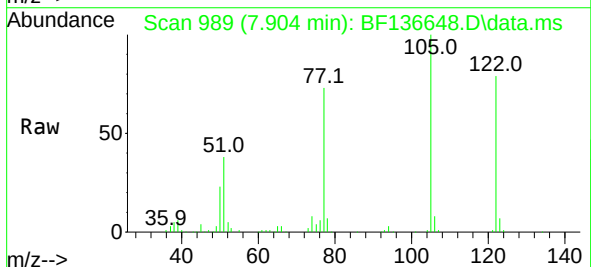
APPROVED

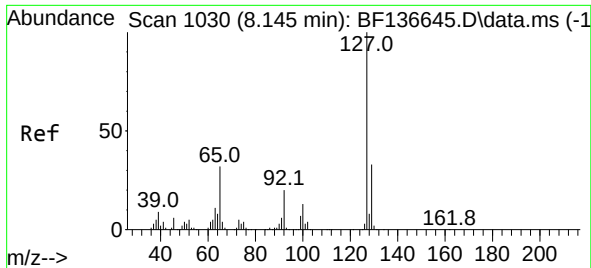
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#32
Benzoic acid
Concen: 88.343 ng m
RT: 7.904 min Scan# 989
Delta R.T. 0.047 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Tgt Ion:122 Resp: 274242
Ion Ratio Lower Upper
122 100
105 126.5 100.8 140.8
77 92.2 70.9 110.9





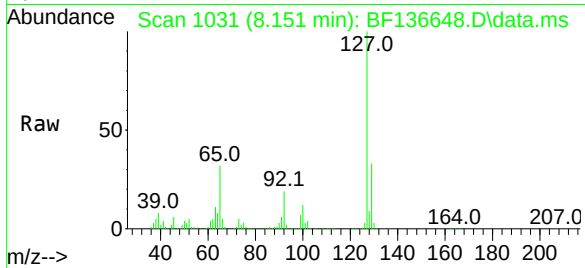
#33
4-Chloroaniline
Concen: 75.212 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

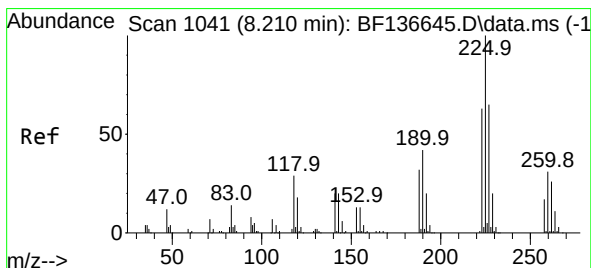
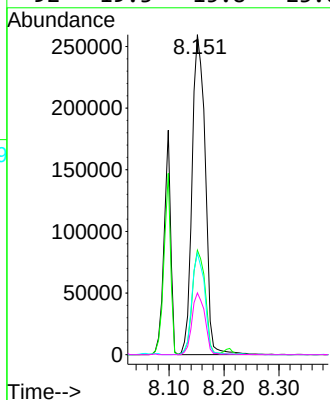
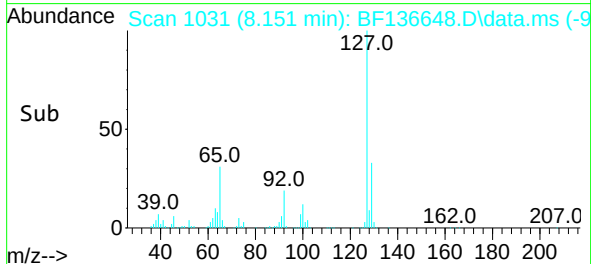


Tgt Ion:127 Resp: 43248
Ion Ratio Lower Upper
127 100
129 32.7 26.3 39.5
65 31.7 25.8 38.8
92 19.3 15.8 23.6

Manual Integrations

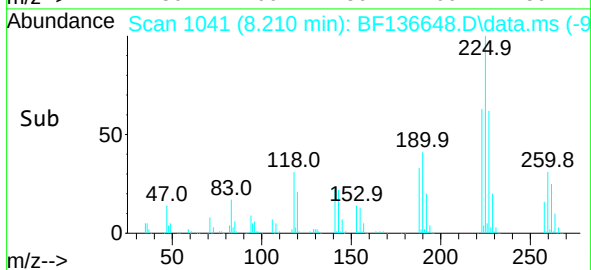
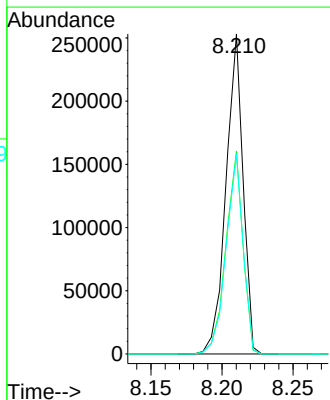
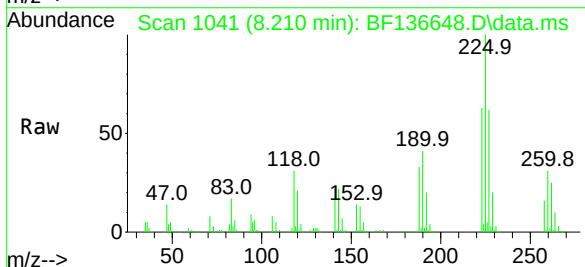
APPROVED

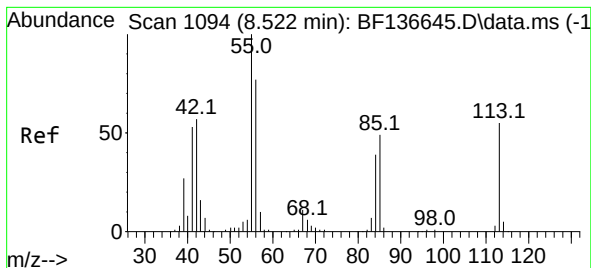
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#34
Hexachlorobutadiene
Concen: 74.805 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Tgt Ion:225 Resp: 210735
Ion Ratio Lower Upper
225 100
223 63.4 50.6 76.0
227 62.4 51.9 77.9





#35

Caprolactam

Concen: 75.933 ng m

RT: 8.557 min Scan# 1110

Delta R.T. 0.036 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:113 Resp: 104274

Ion Ratio Lower Upper

113 100

55 172.2 163.1 203.1

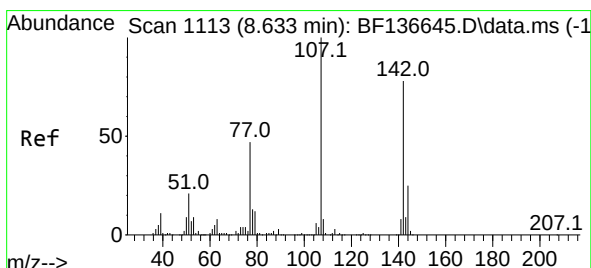
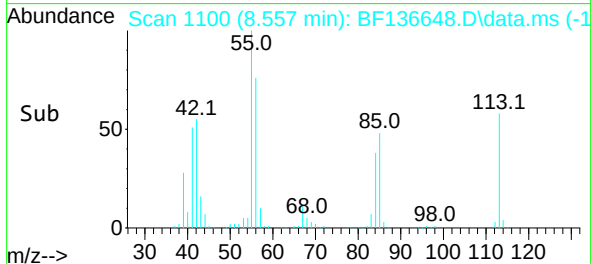
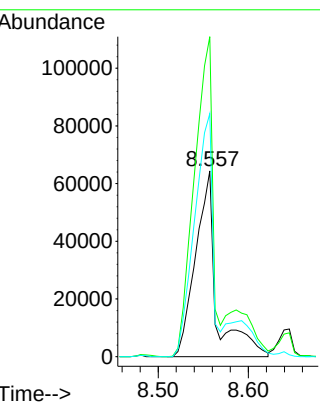
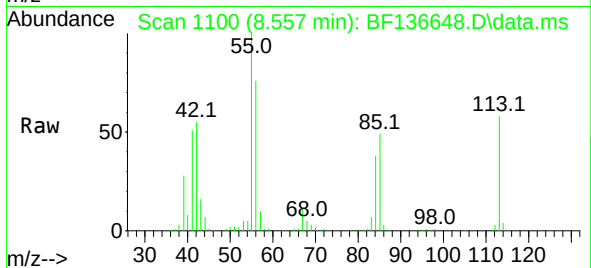
56 130.8 121.7 161.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#36

4-Chloro-3-methylphenol

Concen: 75.307 ng

RT: 8.645 min Scan# 1115

Delta R.T. 0.012 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

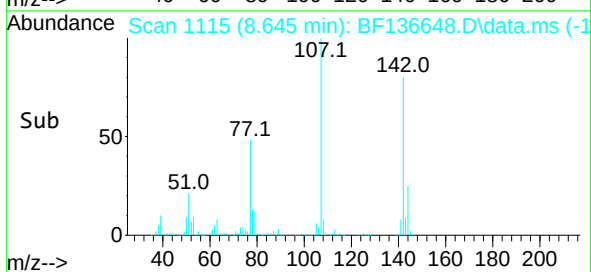
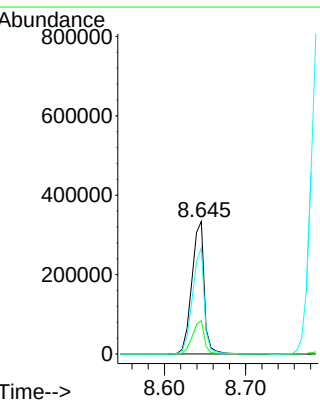
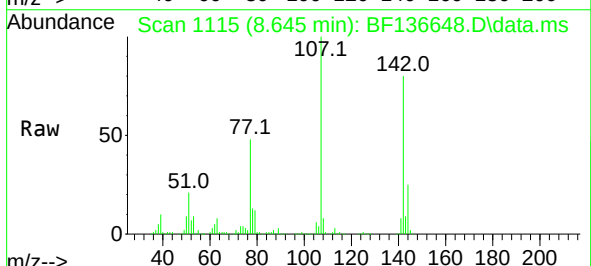
Tgt Ion:107 Resp: 352811

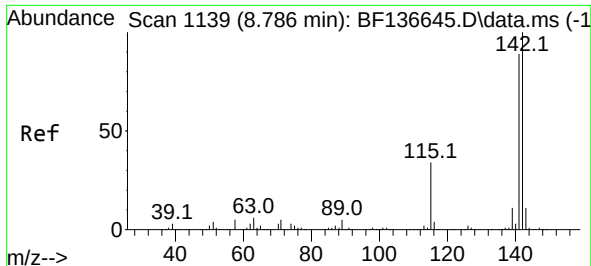
Ion Ratio Lower Upper

107 100

144 25.1 20.2 30.2

142 80.1 62.3 93.5





#37

2-Methylnaphthalene

Concen: 73.088 ng

RT: 8.787 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 732548

Ion Ratio Lower Upper

142 100

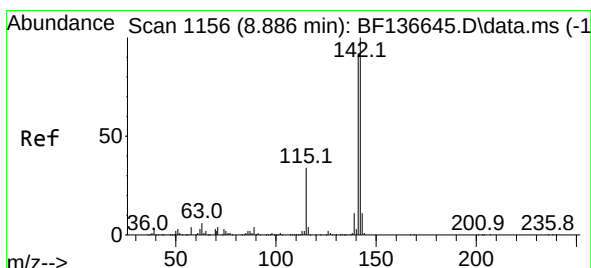
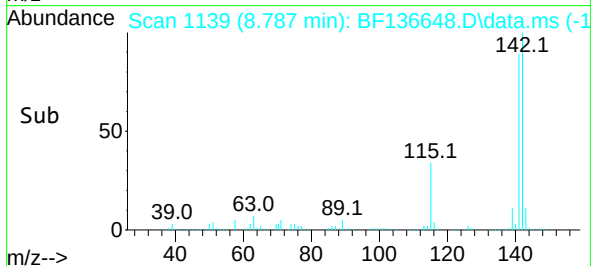
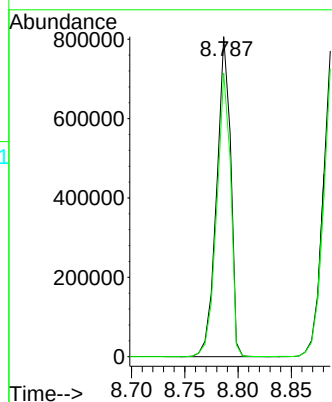
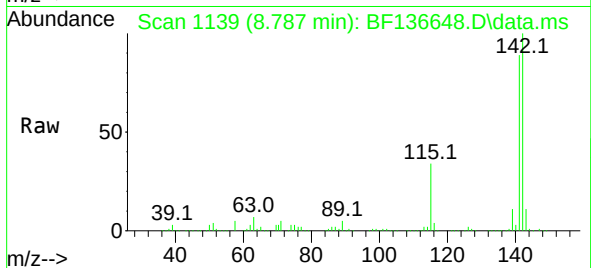
141 88.6 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#38

1-Methylnaphthalene

Concen: 73.244 ng

RT: 8.887 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF136648.D

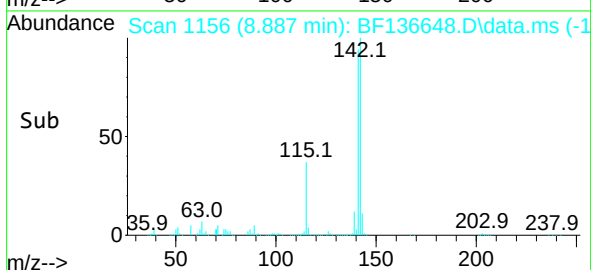
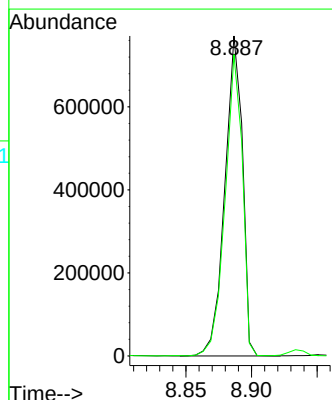
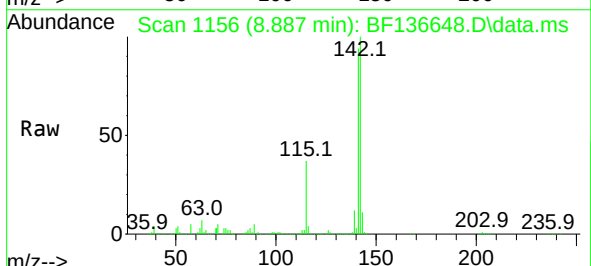
Acq: 20 Dec 2023 14:58

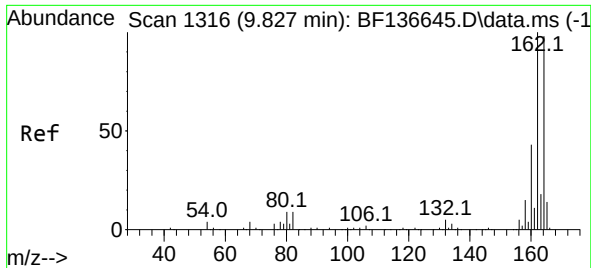
Tgt Ion:142 Resp: 720230

Ion Ratio Lower Upper

142 100

141 94.2 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136648.D

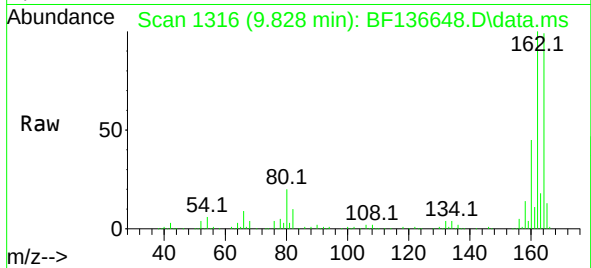
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:164 Resp: 147564

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

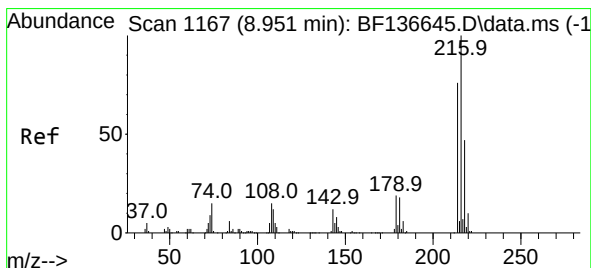
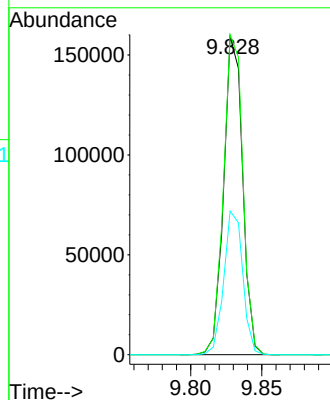
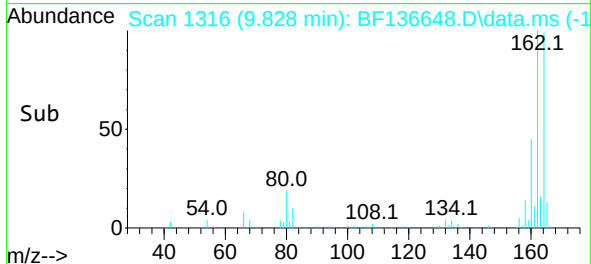
160 45.2 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 74.154 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Tgt Ion:216 Resp: 338883

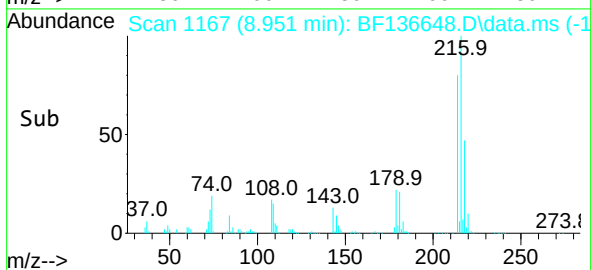
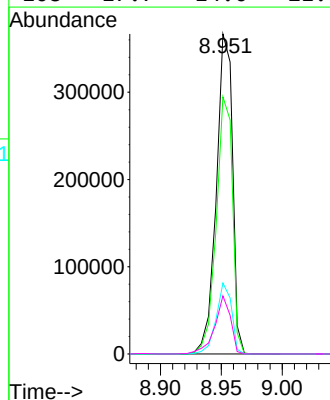
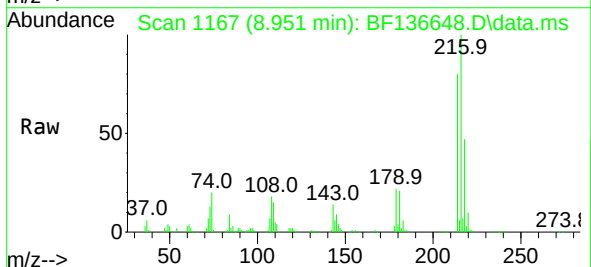
Ion Ratio Lower Upper

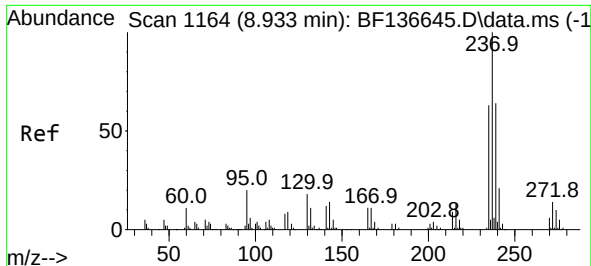
216 100

214 80.4 62.3 93.5

179 21.1 16.4 24.6

108 17.7 14.0 21.0





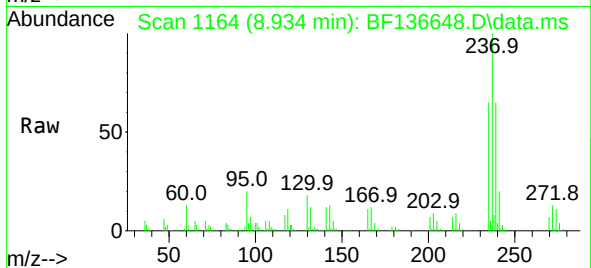
#41
Hexachlorocyclopentadiene
Concen: 79.682 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

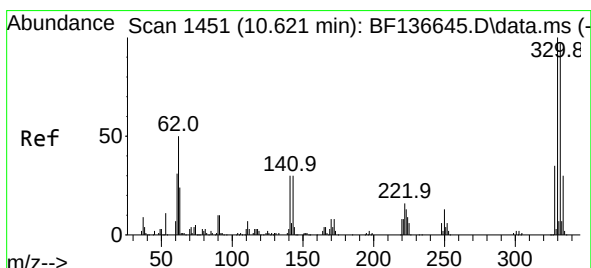
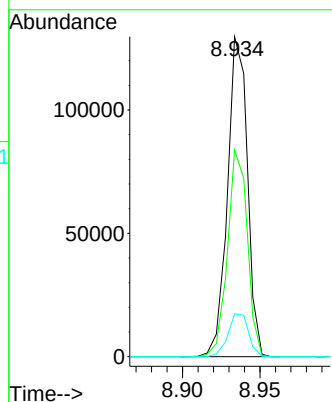
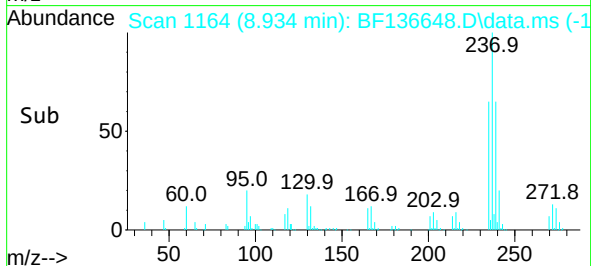


Tgt Ion:237 Resp: 116079
Ion Ratio Lower Upper
237 100
235 64.6 43.2 83.2
272 13.4 0.0 34.2

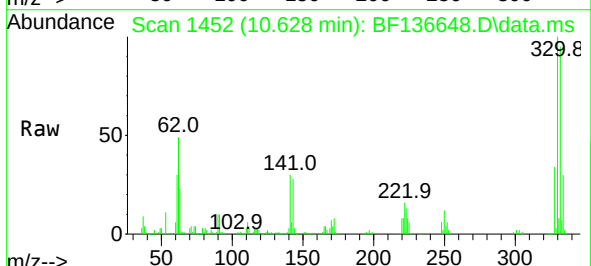
Manual Integrations

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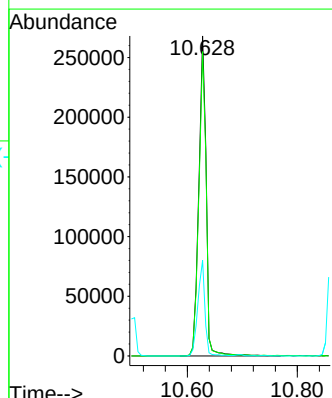
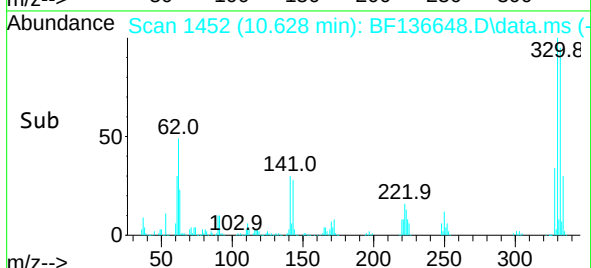
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

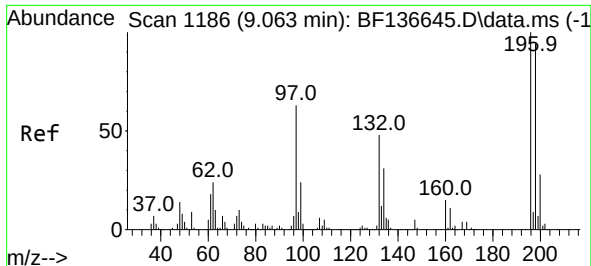


#42
2,4,6-Tribromophenol
Concen: 143.382 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



Tgt Ion:330 Resp: 249182
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 28.8 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 76.402 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF136648.D

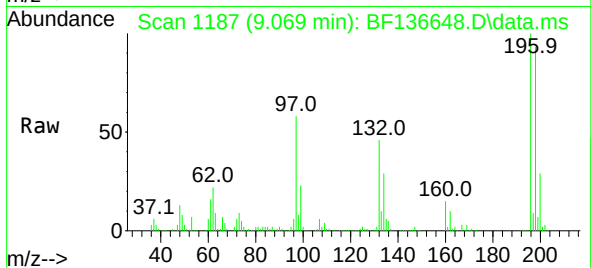
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 223920

Ion Ratio Lower Upper

196 100

198 93.1 75.1 112.7

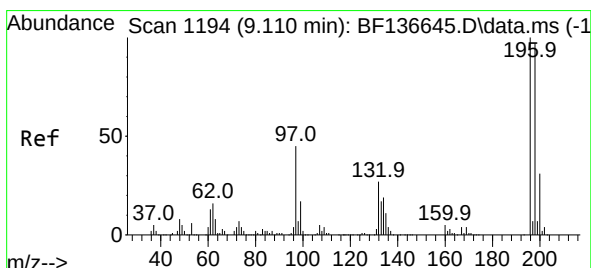
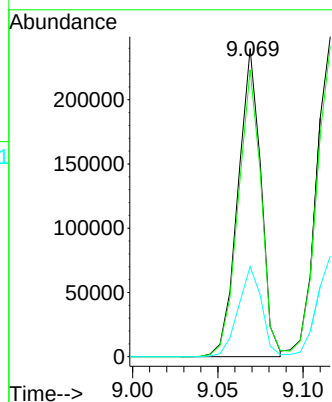
200 29.2 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#44

2,4,5-Trichlorophenol

Concen: 75.826 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Tgt Ion:196 Resp: 247645

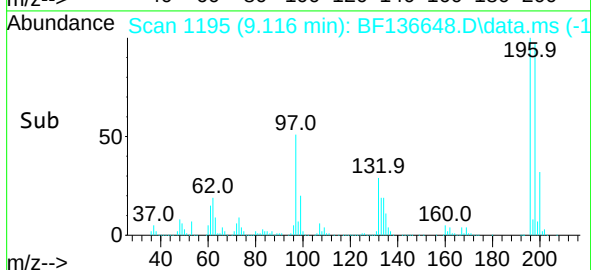
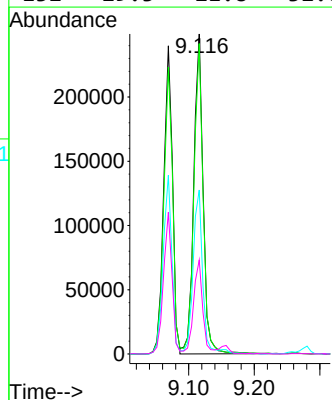
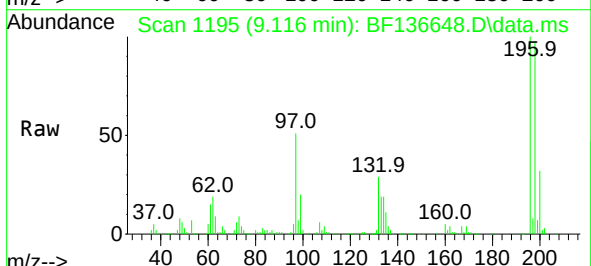
Ion Ratio Lower Upper

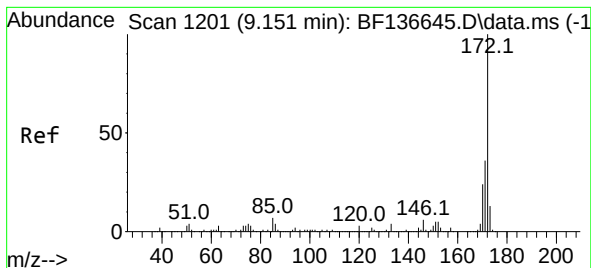
196 100

198 97.0 77.0 115.6

97 51.2 36.1 54.1

132 29.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 137.890 ng

RT: 9.157 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:172 Resp: 151284

Ion Ratio Lower Upper

172 100

171 37.0 29.0 43.6

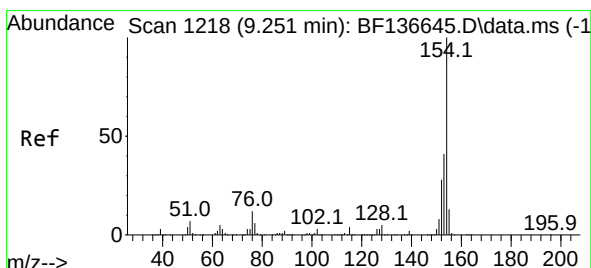
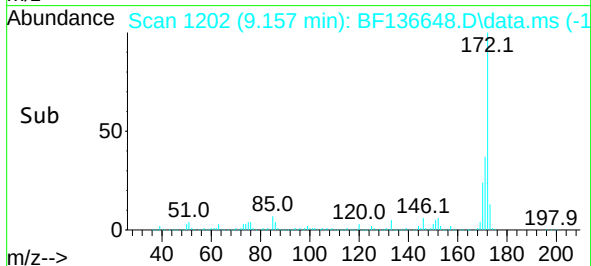
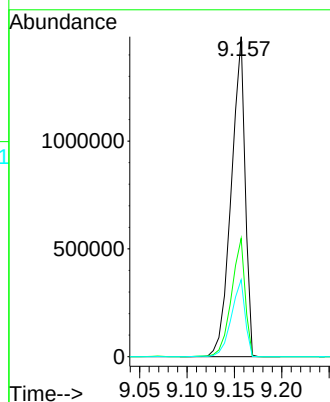
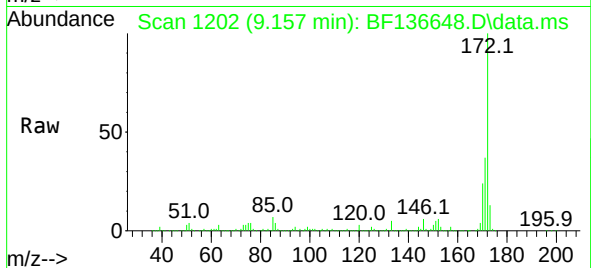
170 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#46

1,1'-Biphenyl

Concen: 72.090 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

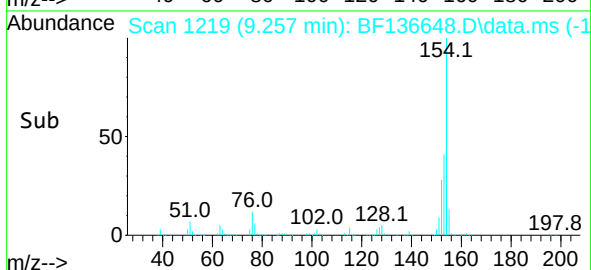
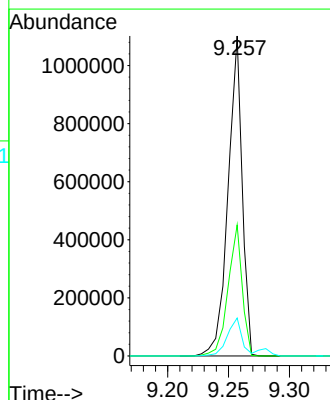
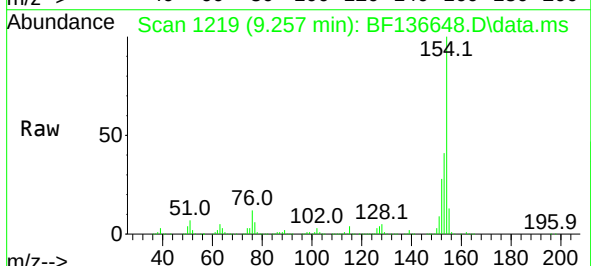
Tgt Ion:154 Resp: 892683

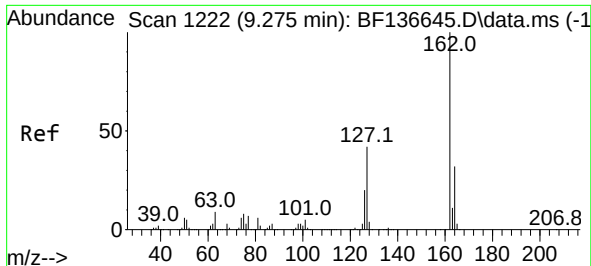
Ion Ratio Lower Upper

154 100

153 41.0 21.1 61.1

76 11.8 0.0 31.7





#47

2-Chloronaphthalene

Concen: 73.008 ng

RT: 9.281 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

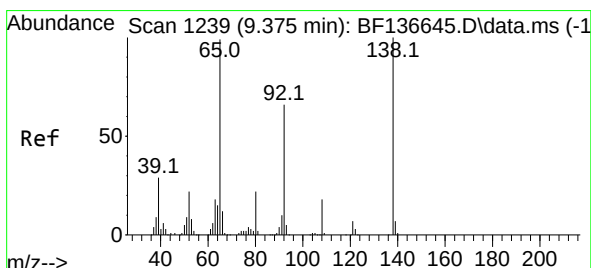
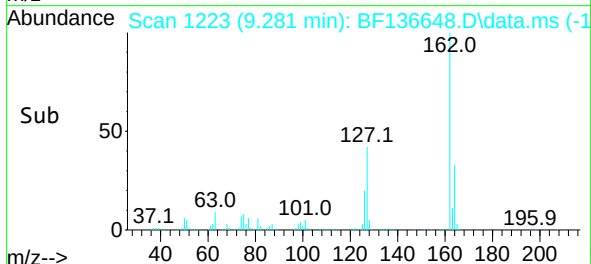
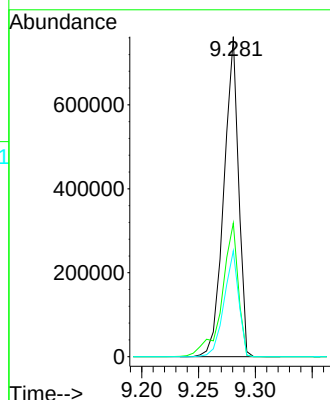
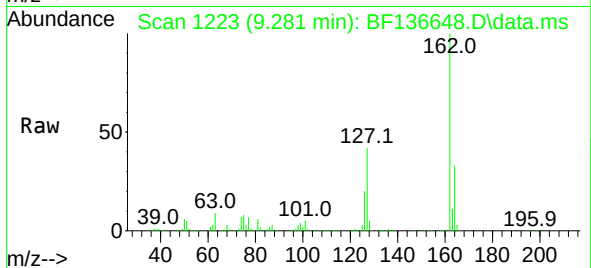
SSTDICC080

Tgt Ion:162 Resp: 687272
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.6 50.4
 164 33.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023



#48

2-Nitroaniline

Concen: 76.894 ng

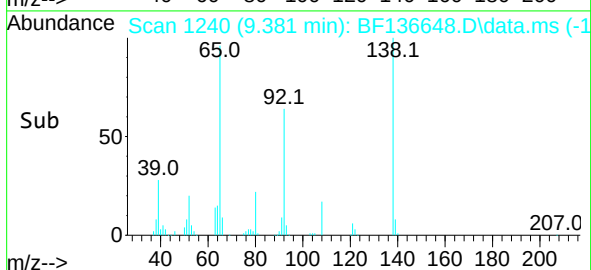
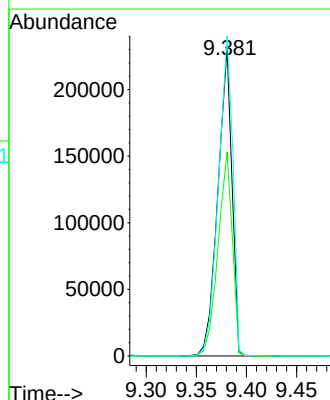
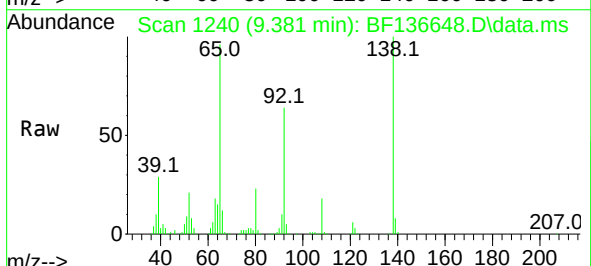
RT: 9.381 min Scan# 1240

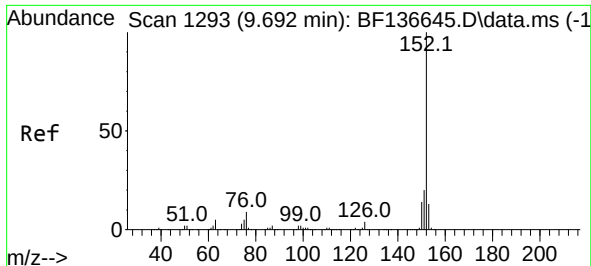
Delta R.T. 0.006 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Tgt Ion: 65 Resp: 226673
 Ion Ratio Lower Upper
 65 100
 92 66.3 53.2 79.8
 138 104.0 81.1 121.7





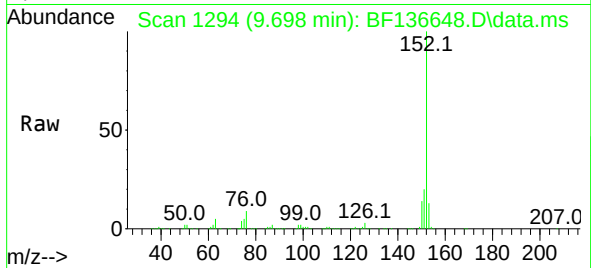
#49
Acenaphthylene
Concen: 71.773 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



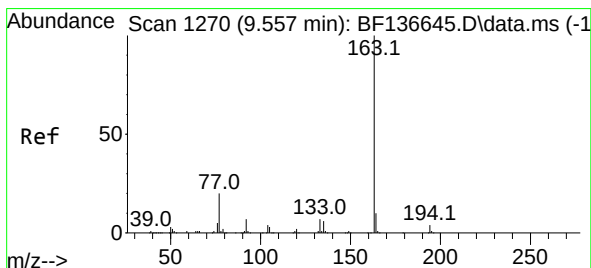
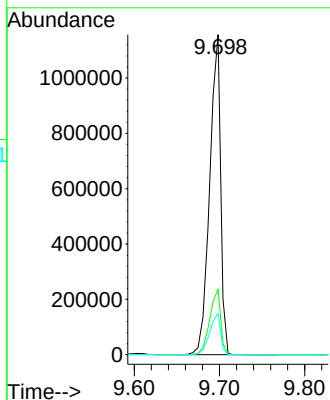
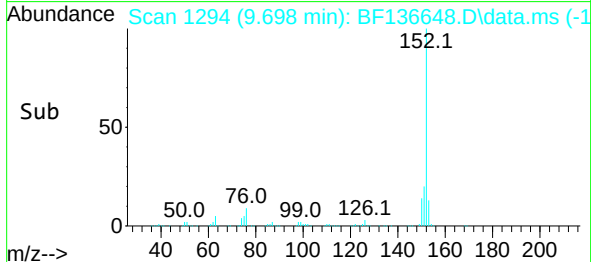
Tgt Ion:152 Resp: 103271
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 12.9 10.2 15.2

Manual Integrations

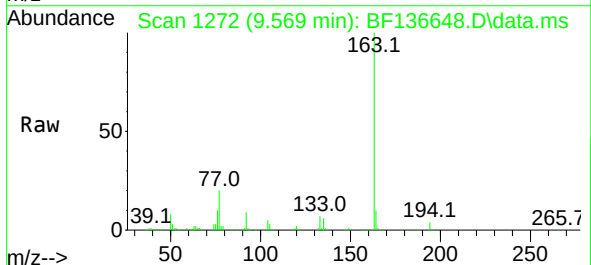
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

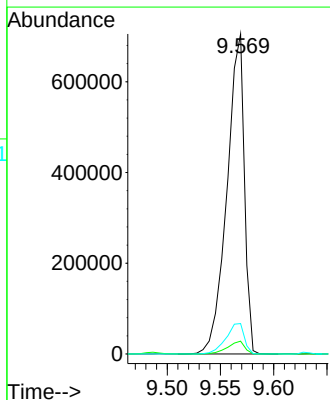
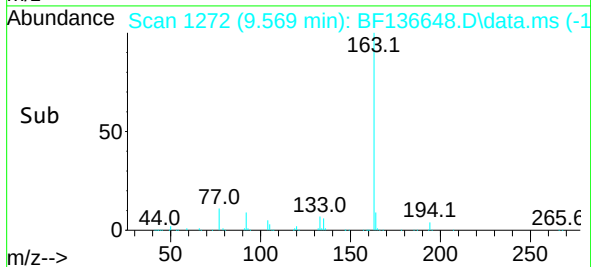
Supervised By :mohammad ahmed 12/21/2023

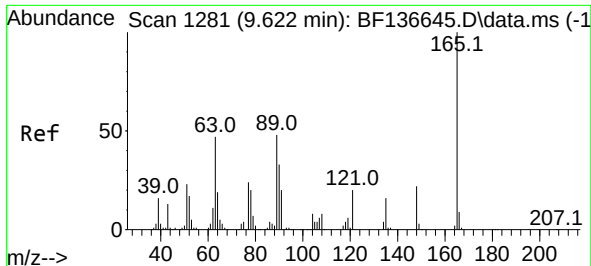


#50
Dimethylphthalate
Concen: 74.208 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



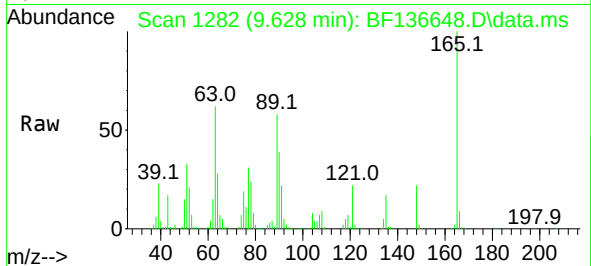
Tgt Ion:163 Resp: 799841
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.5 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 74.071 ng
RT: 9.628 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

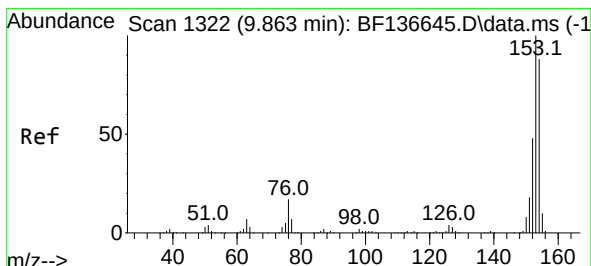
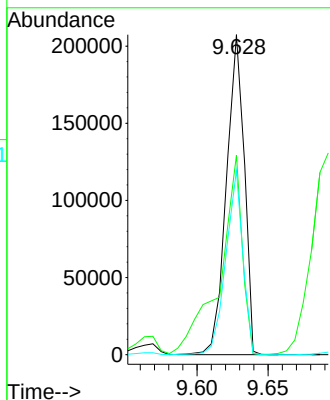
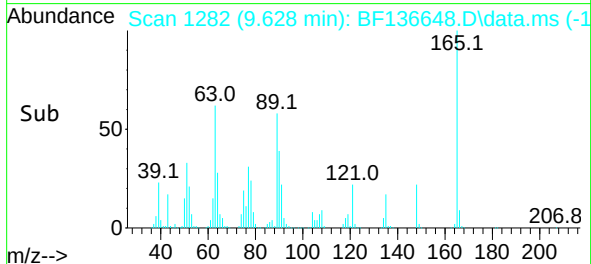
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



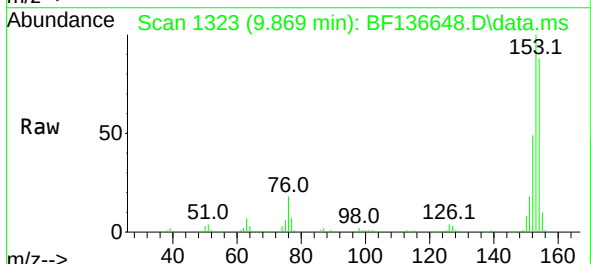
Tgt Ion:165 Resp: 18119
Ion Ratio Lower Upper
165 100
63 62.3 39.8 59.6
89 57.5 38.8 58.2

Manual Integrations
APPROVED

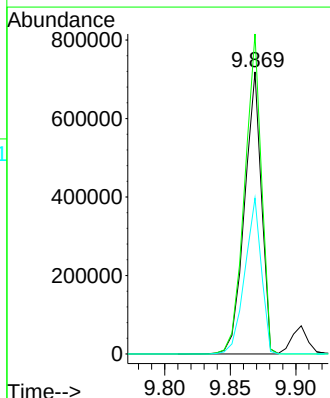
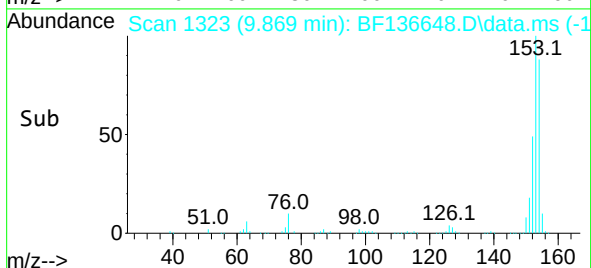
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

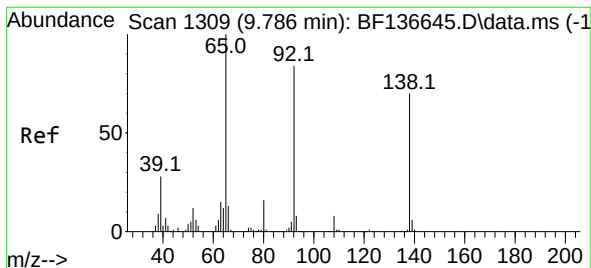


#52
Acenaphthene
Concen: 72.347 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



Tgt Ion:154 Resp: 645277
Ion Ratio Lower Upper
154 100
153 113.4 90.7 136.1
152 55.2 43.7 65.5





#53
3-Nitroaniline
Concen: 73.171 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

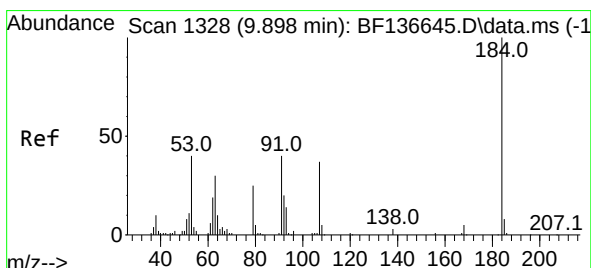
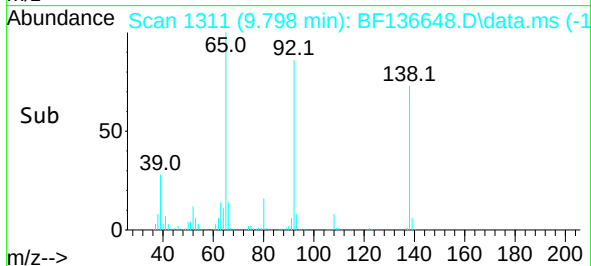
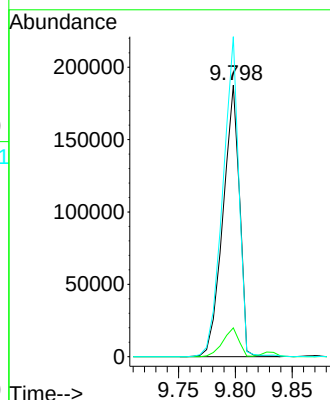
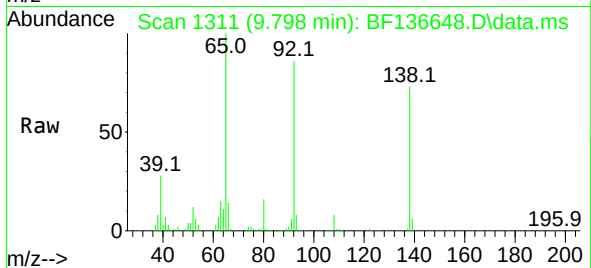
SSTDICC080

Tgt Ion:138 Resp: 18960
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 117.9 95.2 142.8

Manual Integrations

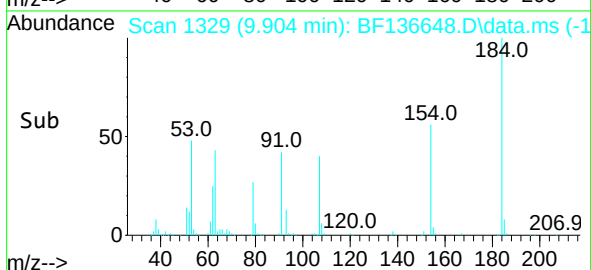
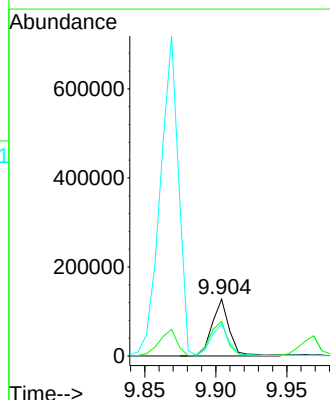
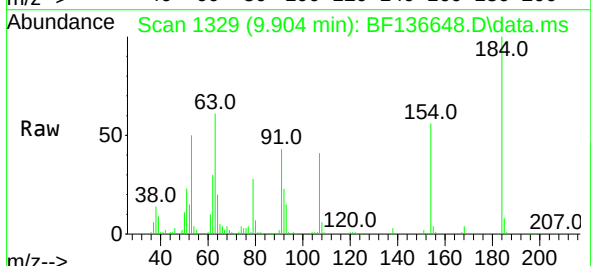
APPROVED

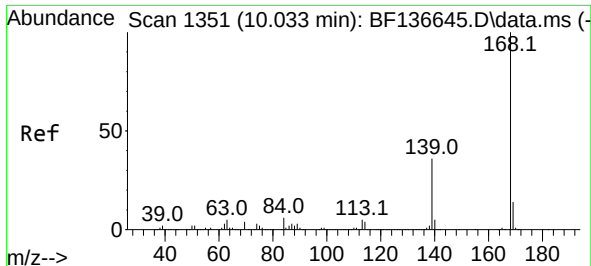
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#54
2,4-Dinitrophenol
Concen: 79.640 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

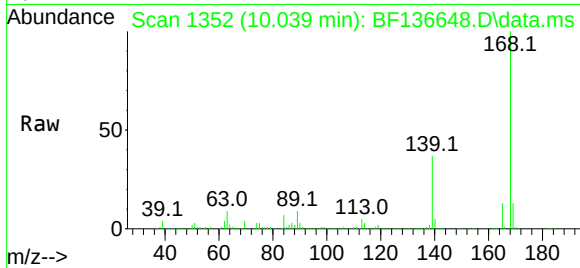
Tgt Ion:184 Resp: 107946
Ion Ratio Lower Upper
184 100
63 60.9 40.9 61.3
154 56.2 42.7 64.1





#55
Dibenzenofuran
Concen: 69.286 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

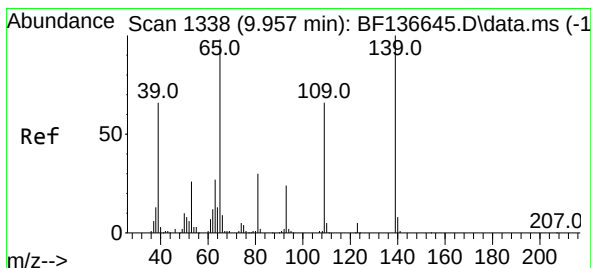
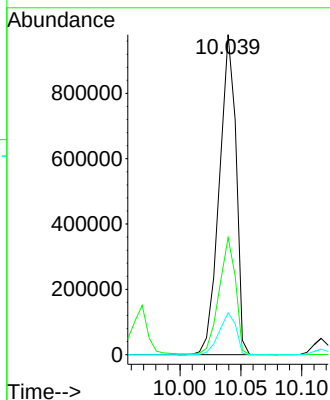
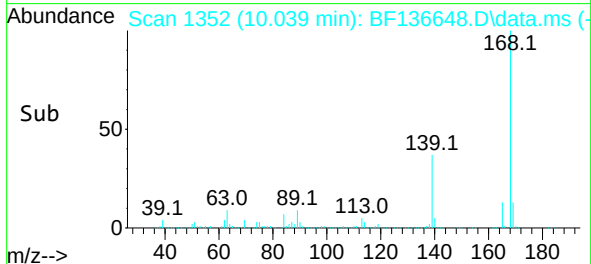
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 93677
Ion Ratio Lower Upper
168 100
139 36.6 29.3 43.9
169 13.1 11.0 16.4

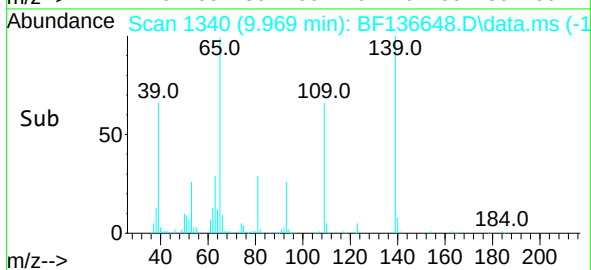
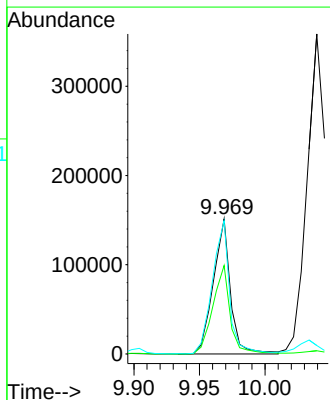
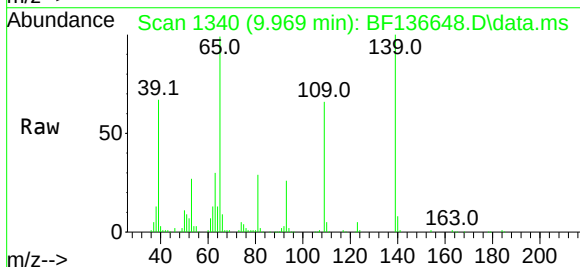
Manual Integrations
APPROVED

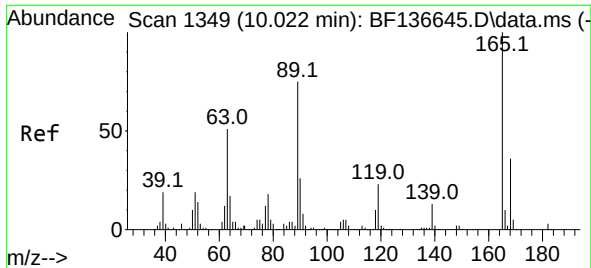
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#56
4-Nitrophenol
Concen: 78.917 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Tgt Ion:139 Resp: 138047
Ion Ratio Lower Upper
139 100
109 65.5 45.8 85.8
65 98.6 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 70.727 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

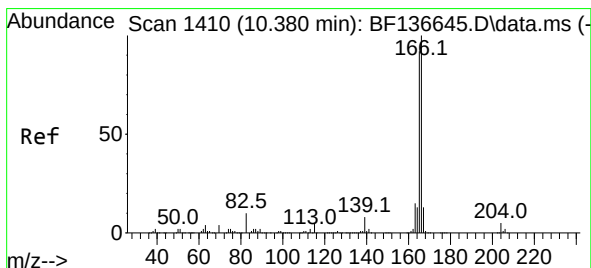
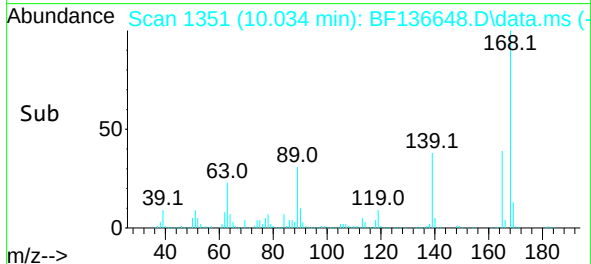
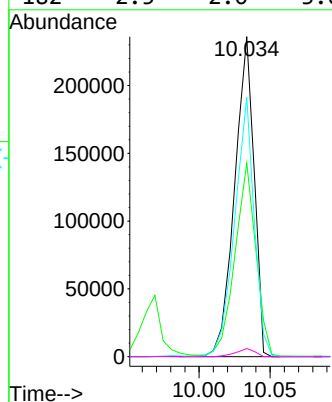
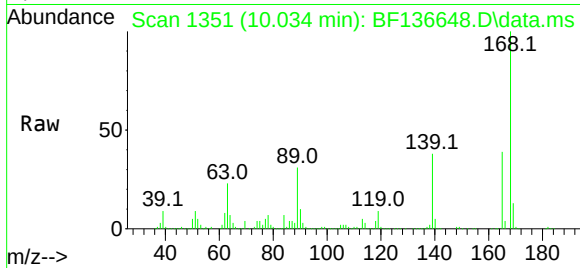
SSTDICC080

Tgt Ion:165 Resp: 22460
Ion Ratio Lower Upper
165 100
63 60.5 41.0 61.6
89 81.0 59.9 89.9
182 2.5 2.0 3.0

Manual Integrations

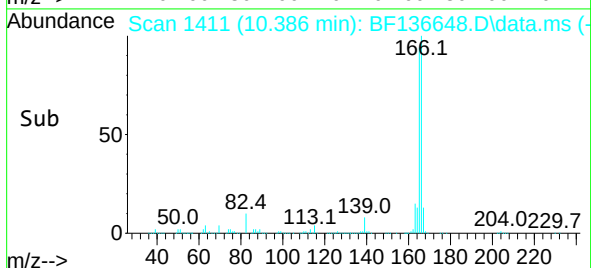
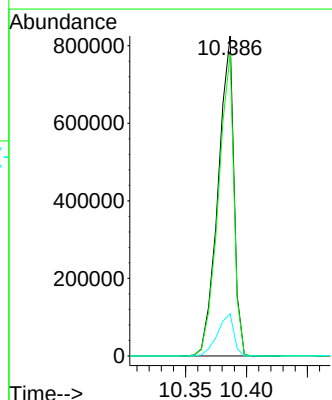
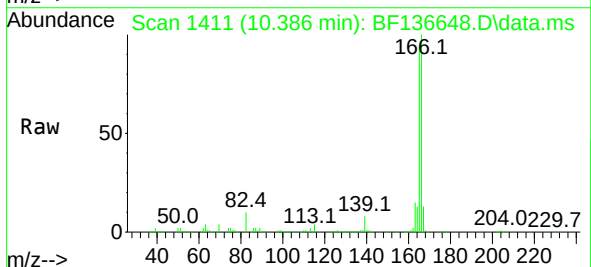
APPROVED

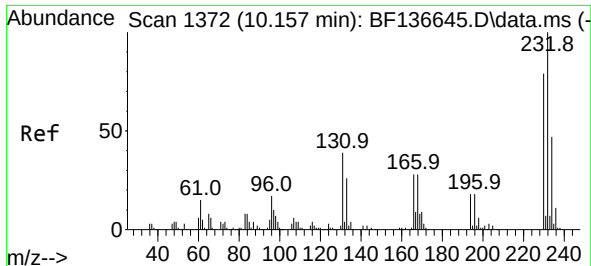
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#58
Fluorene
Concen: 69.473 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Tgt Ion:166 Resp: 745302
Ion Ratio Lower Upper
166 100
165 94.2 73.7 110.5
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 72.498 ng
RT: 10.163 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

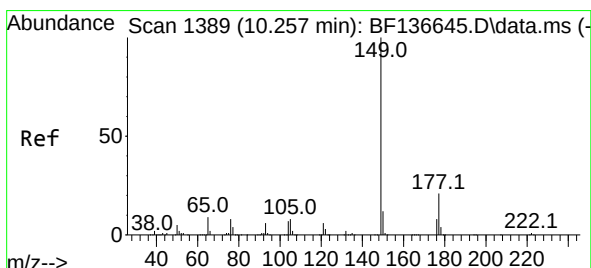
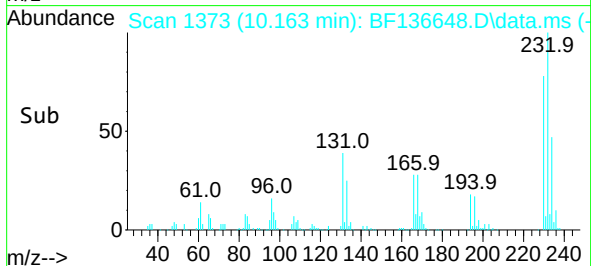
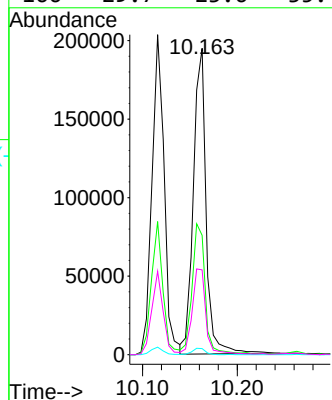
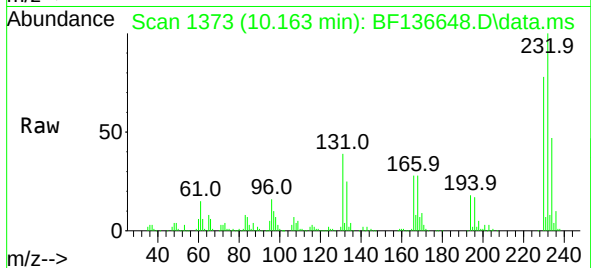
SSTDICC080

Tgt Ion:232 Resp: 18354
Ion Ratio Lower Upper
232 100
131 43.3 35.1 52.7
130 2.2 1.6 2.4
166 29.7 23.6 35.4

Manual Integrations

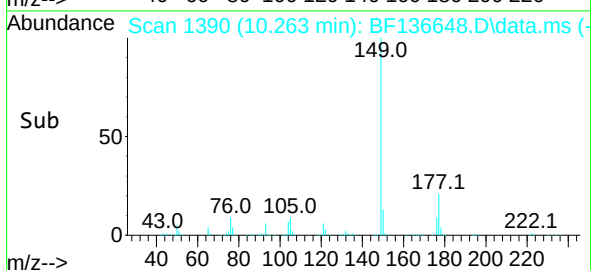
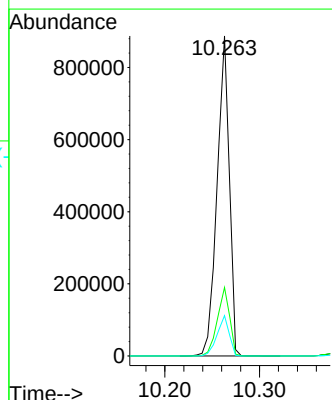
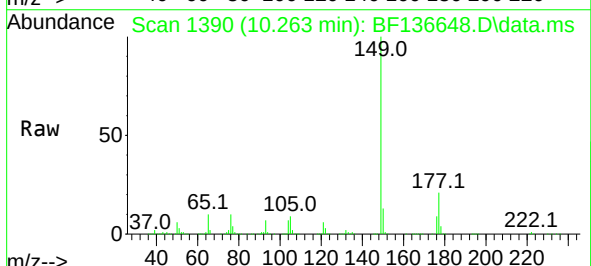
APPROVED

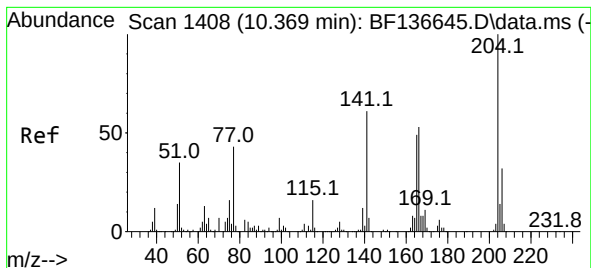
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#60
Diethylphthalate
Concen: 71.407 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

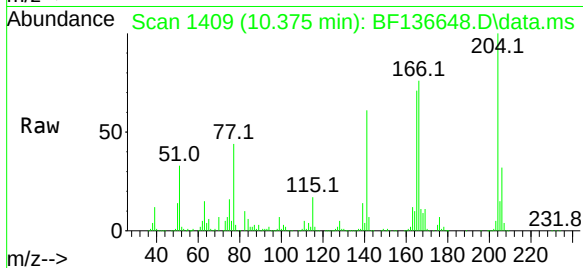
Tgt Ion:149 Resp: 798569
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.6 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 68.259 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

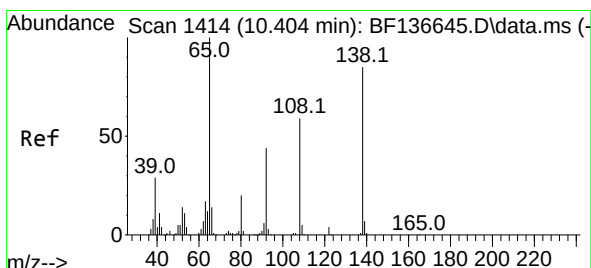
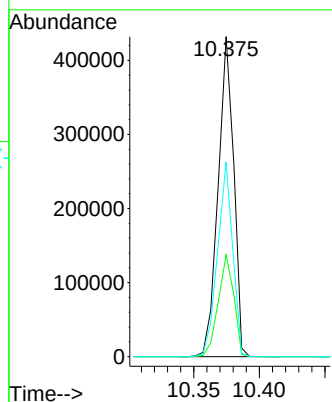
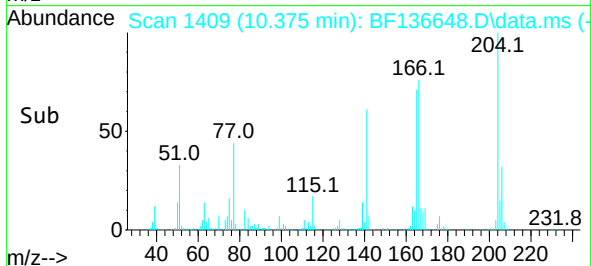
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



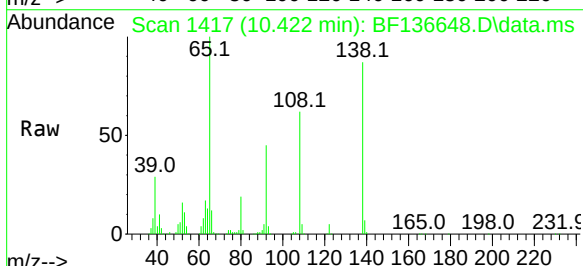
Tgt Ion:204 Resp: 355930
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 60.9 48.4 72.6

Manual Integrations
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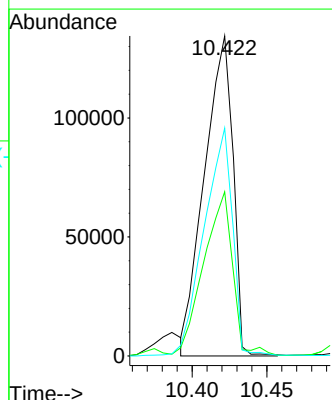
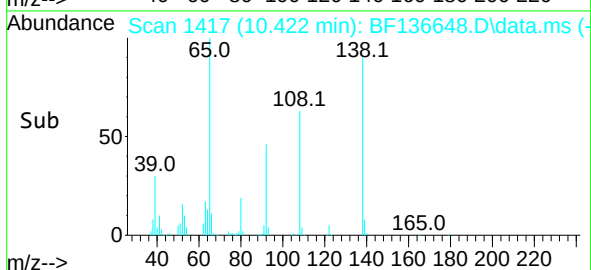
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

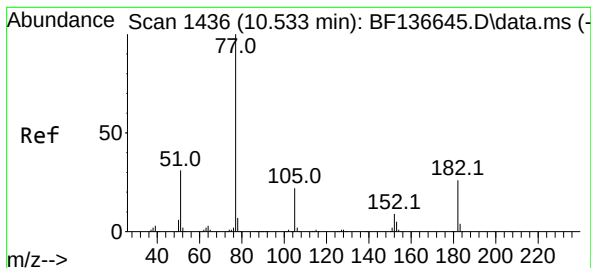


#62
4-Nitroaniline
Concen: 69.770 ng m
RT: 10.422 min Scan# 1417
Delta R.T. 0.018 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



Tgt Ion:138 Resp: 178596
Ion Ratio Lower Upper
138 100
92 51.3 32.1 72.1
108 71.2 50.1 90.1





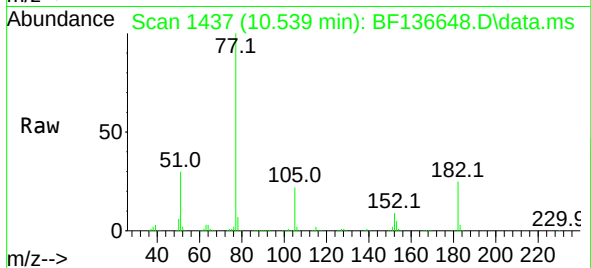
#63
Azobenzene
Concen: 72.796 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

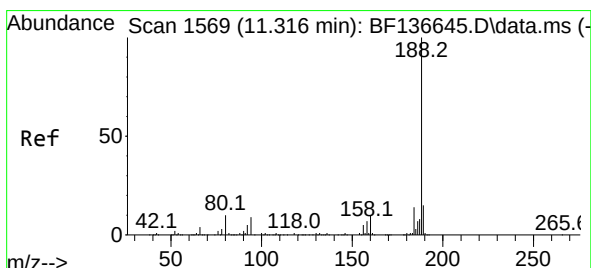
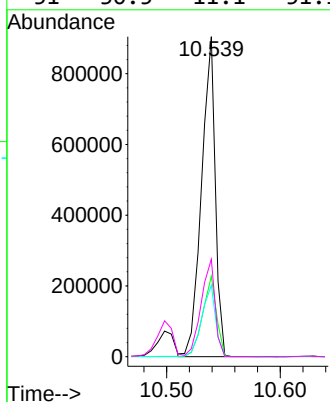
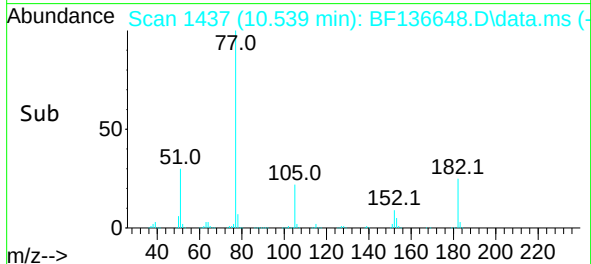


Tgt Ion: 77 Resp: 76036
Ion Ratio Lower Upper
77 100
182 25.1 6.0 46.0
105 22.2 2.3 42.3
51 30.5 11.1 51.1

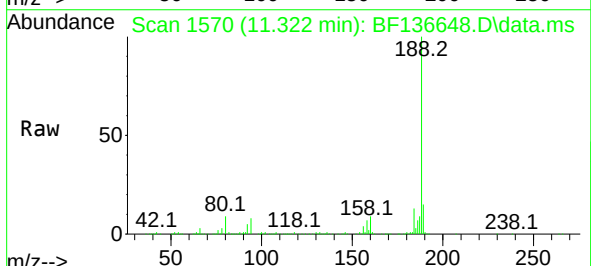
Manual Integrations

APPROVED

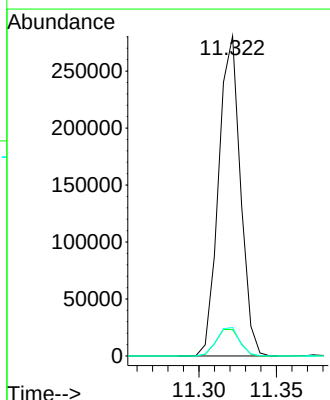
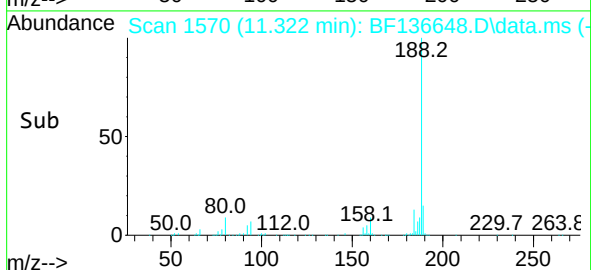
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

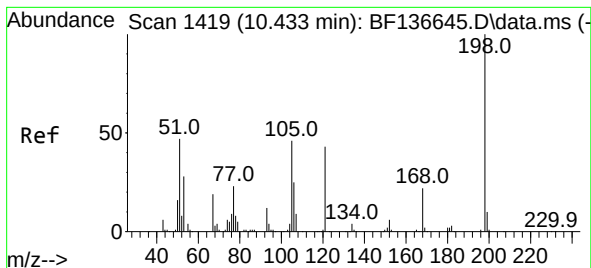


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



Tgt Ion:188 Resp: 274873
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 8.9 8.1 12.1





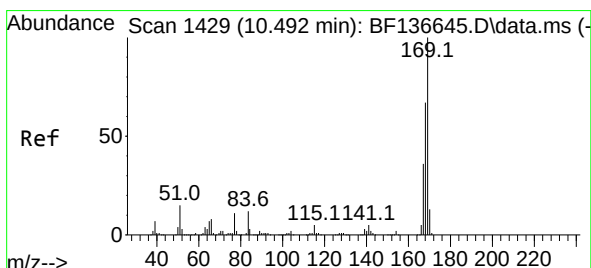
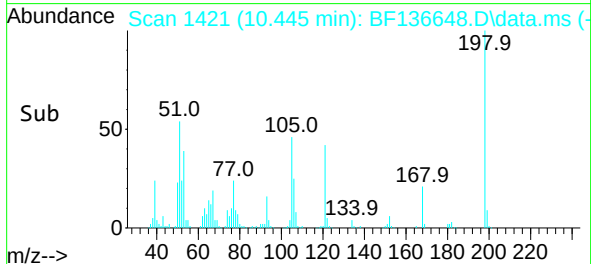
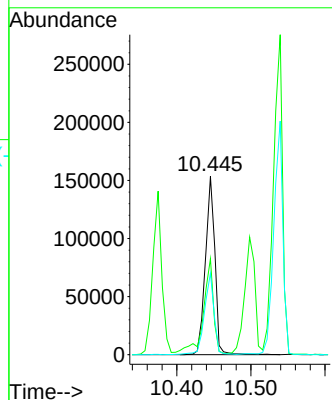
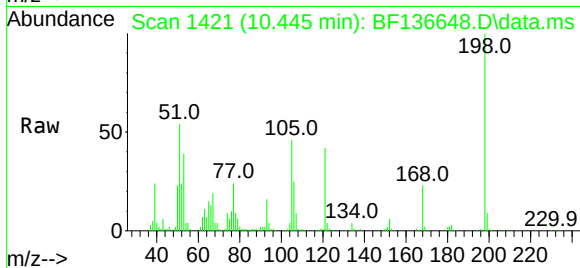
#65
4,6-Dinitro-2-methylphenol
Concen: 86.960 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 136984
Ion Ratio Lower Upper
198 100
51 53.8 34.1 74.1
105 45.8 27.3 67.3

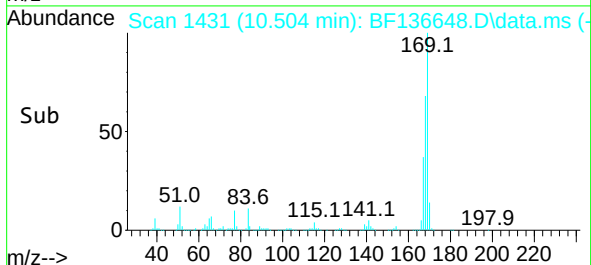
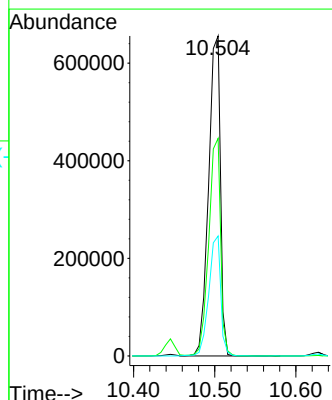
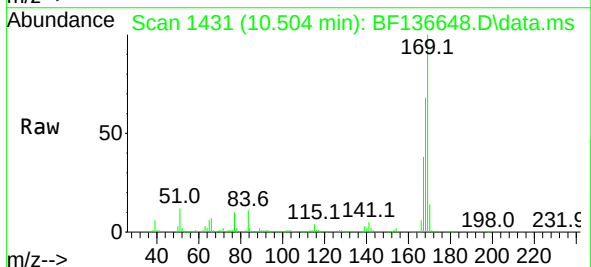
Manual Integrations
APPROVED

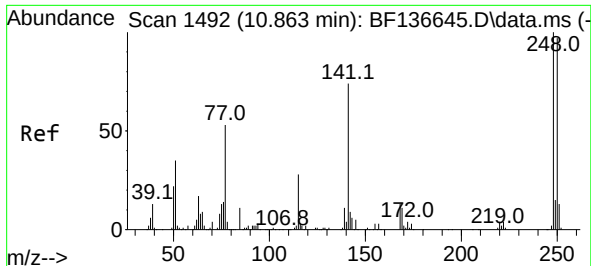
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#66
n-Nitrosodiphenylamine
Concen: 74.026 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

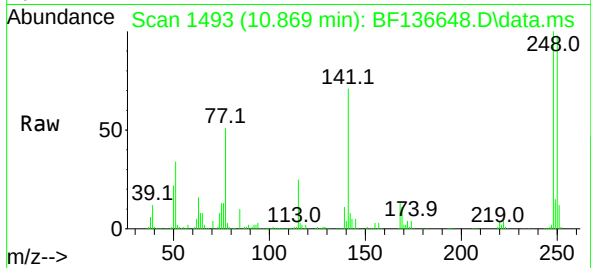
Tgt Ion:169 Resp: 660984
Ion Ratio Lower Upper
169 100
168 68.0 53.8 80.6
167 37.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 74.097 ng
RT: 10.869 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

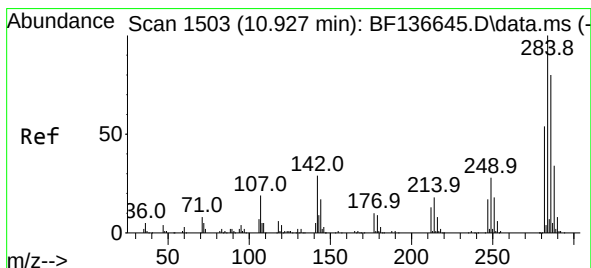
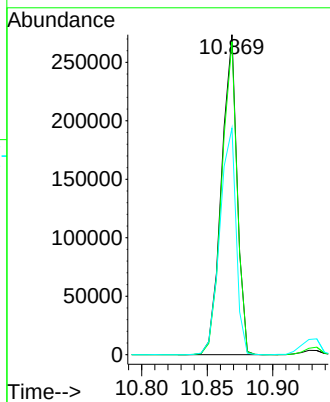
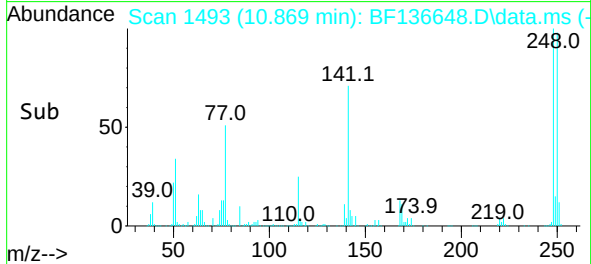
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



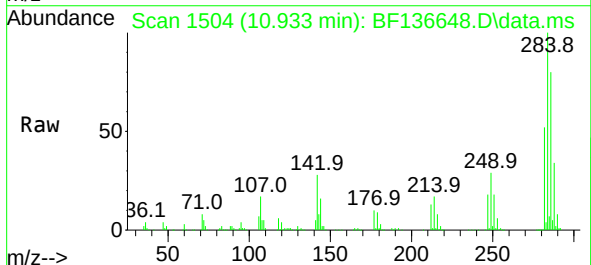
Tgt Ion:248 Resp: 226193
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 70.8 59.2 88.8

Manual Integrations
APPROVED

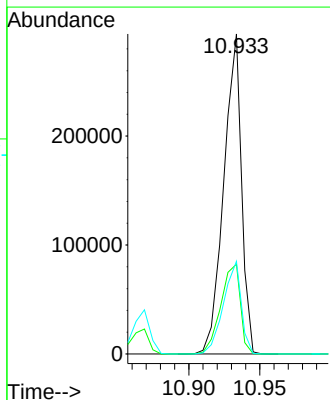
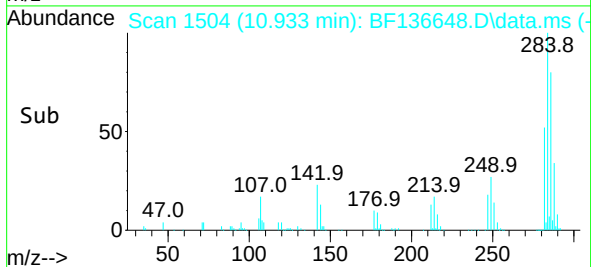
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

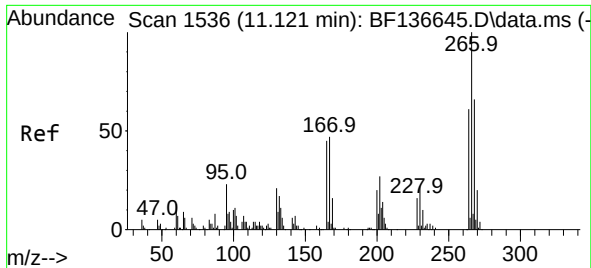


#68
Hexachlorobenzene
Concen: 74.609 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



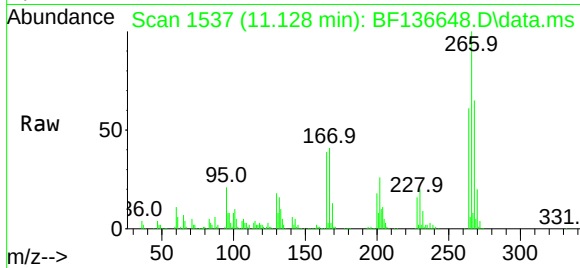
Tgt Ion:284 Resp: 253812
Ion Ratio Lower Upper
284 100
142 28.0 23.4 35.0
249 28.9 22.3 33.5





#70
Pentachlorophenol
Concen: 81.792 ng
RT: 11.128 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

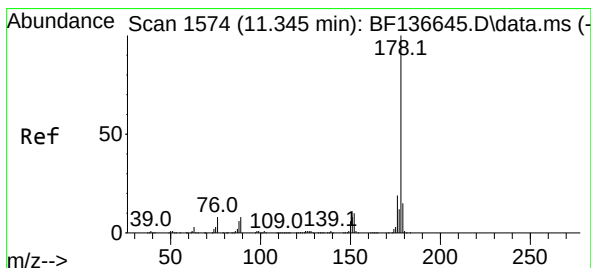
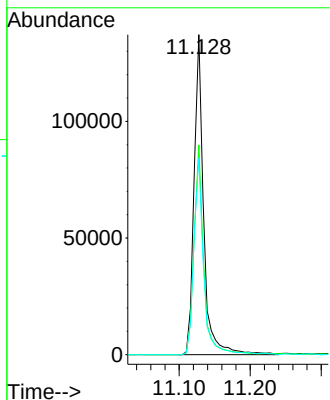
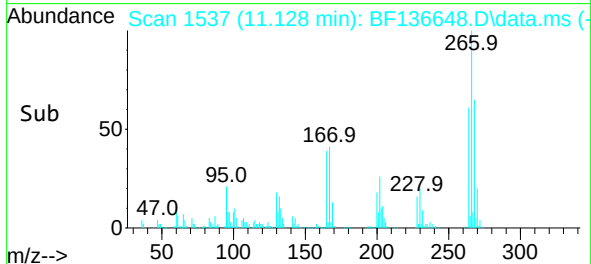
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



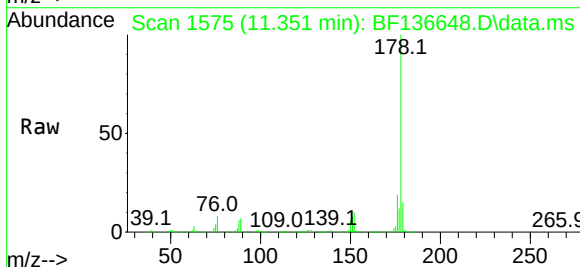
Tgt Ion:266 Resp: 129690
Ion Ratio Lower Upper
266 100
268 65.5 52.6 78.8
264 61.4 49.0 73.4

Manual Integrations
APPROVED

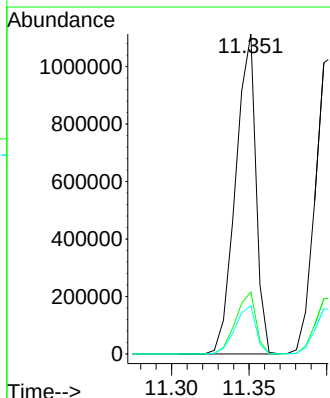
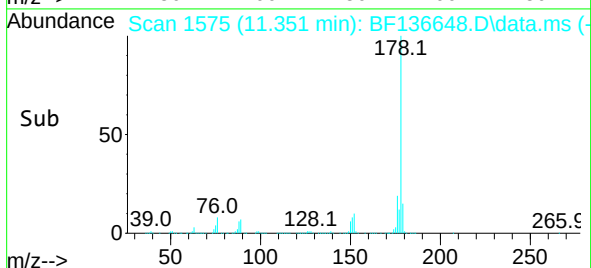
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

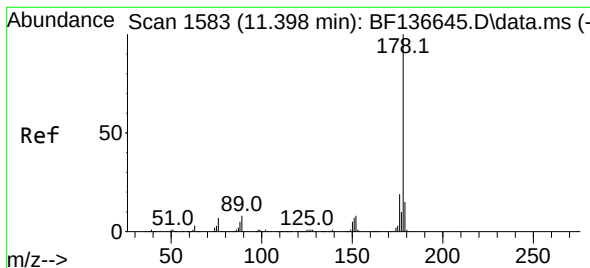


#71
Phenanthrene
Concen: 71.730 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



Tgt Ion:178 Resp: 1011675
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.1 11.9 17.9





#72

Anthracene

Concen: 71.466 ng

RT: 11.404 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:178 Resp: 1020780

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

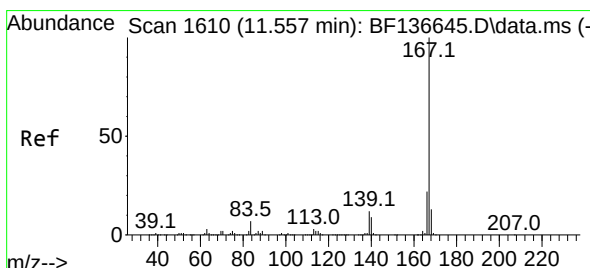
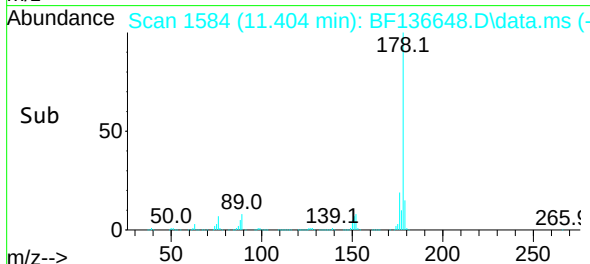
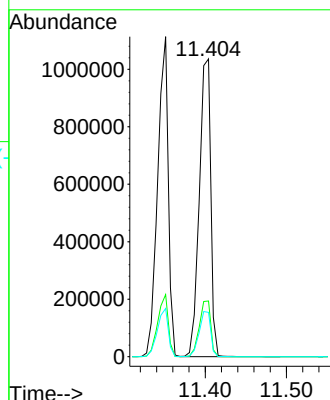
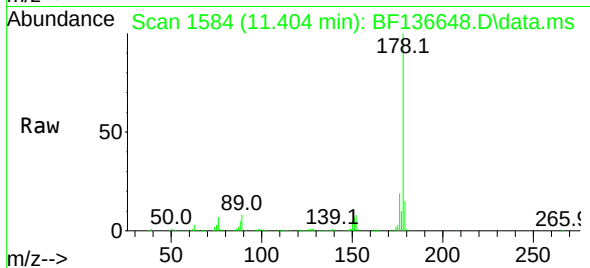
179 14.9 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#73

Carbazole

Concen: 71.114 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

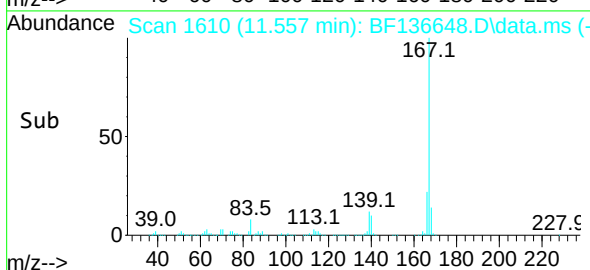
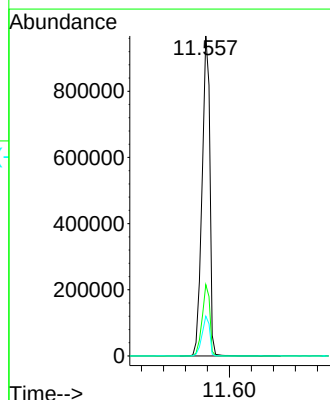
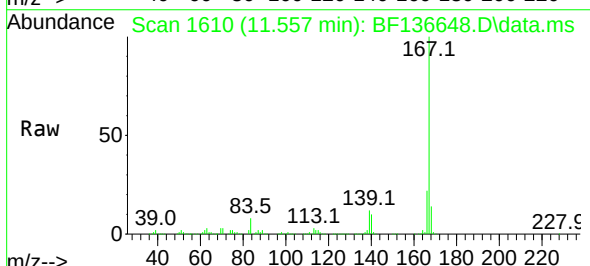
Tgt Ion:167 Resp: 957674

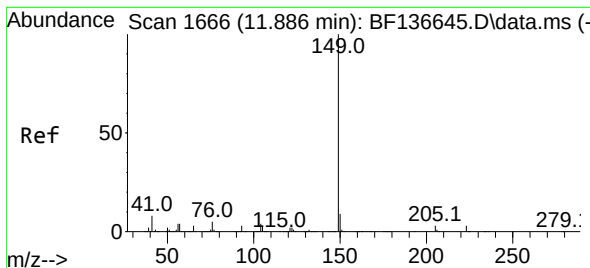
Ion Ratio Lower Upper

167 100

166 22.3 17.3 25.9

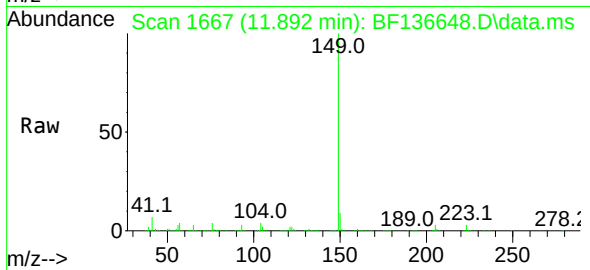
139 12.4 9.8 14.6





#74
Di-n-butylphthalate
Concen: 71.046 ng
RT: 11.892 min Scan# 1667
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

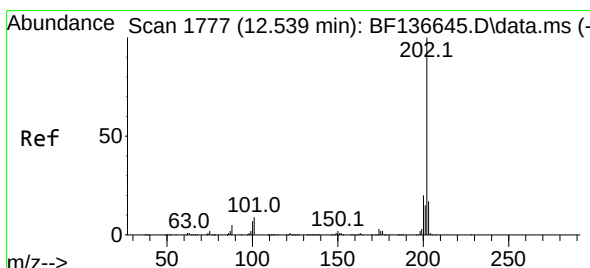
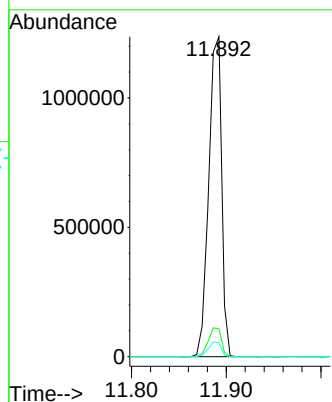
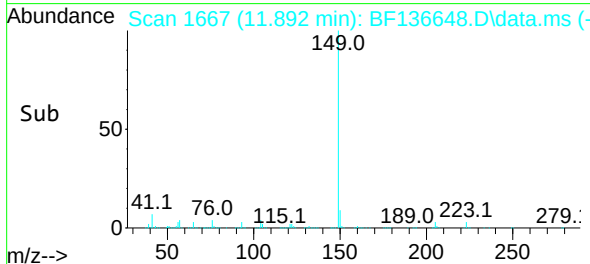
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 1167474
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.2
104 4.4 3.6 5.4

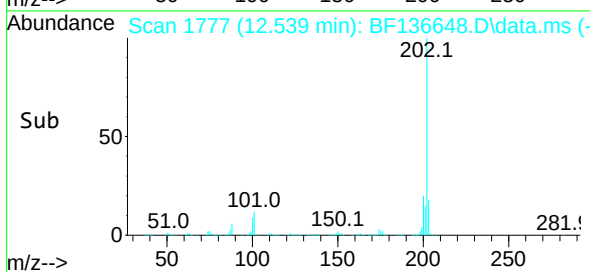
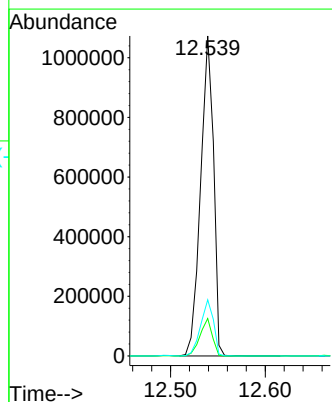
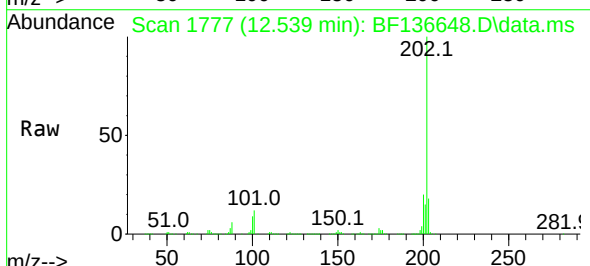
Manual Integrations
APPROVED

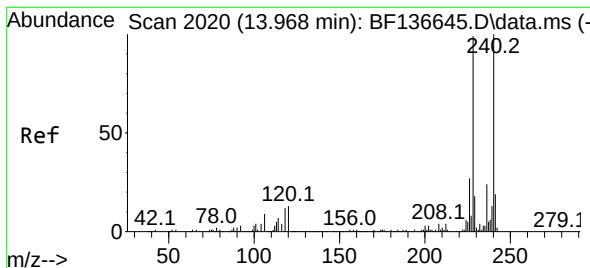
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#75
Fluoranthene
Concen: 67.678 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Tgt Ion:202 Resp: 1021009
Ion Ratio Lower Upper
202 100
101 11.7 0.0 29.3
203 17.6 0.0 37.1





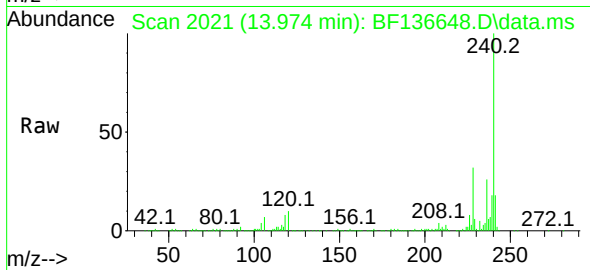
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

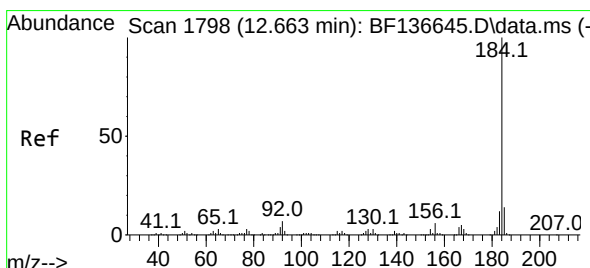
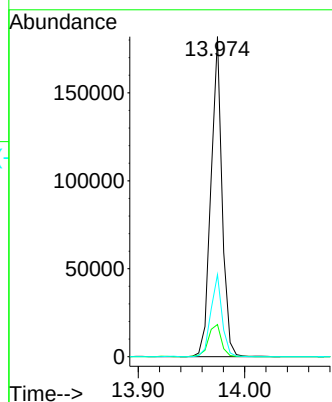
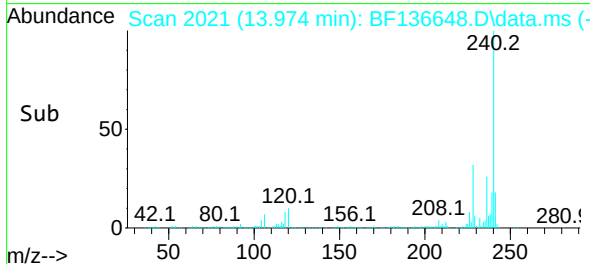


Tgt Ion:240 Resp: 131970
Ion Ratio Lower Upper
240 100
120 10.1 10.3 15.5
236 25.7 19.4 29.2

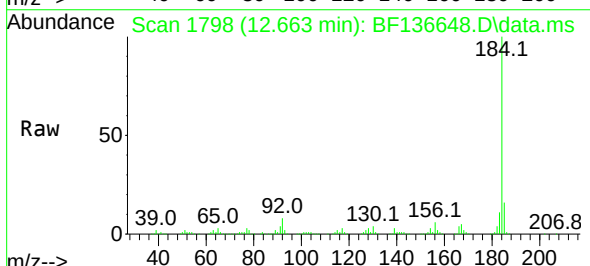
Manual Integrations

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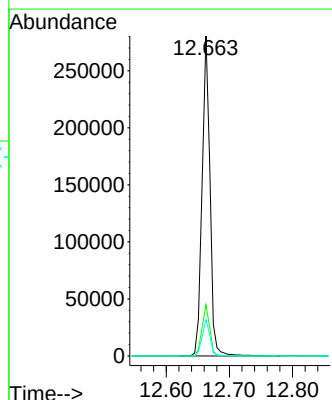
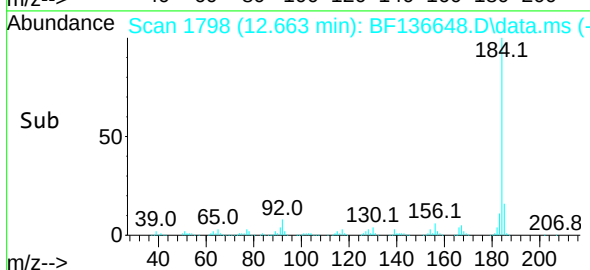
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

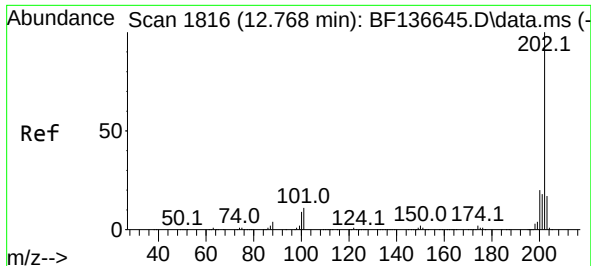


#77
Benzidine
Concen: 62.434 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



Tgt Ion:184 Resp: 242957
Ion Ratio Lower Upper
184 100
185 16.0 11.2 16.8
183 11.4 9.3 13.9





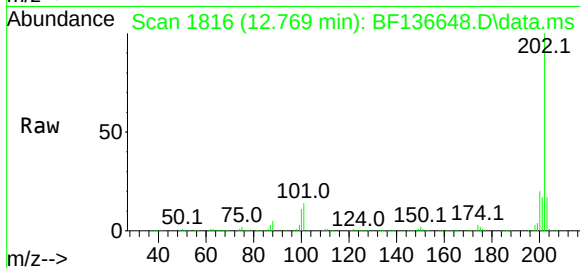
#78
Pyrene
Concen: 79.161 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



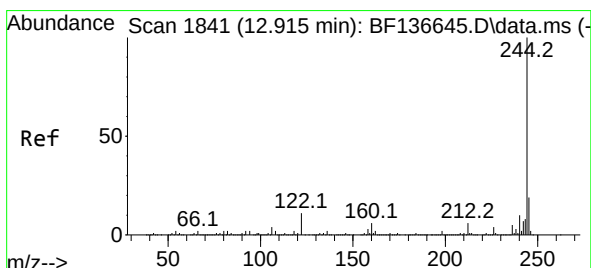
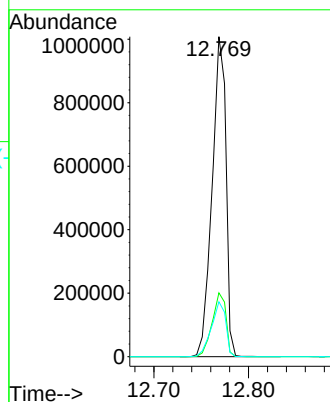
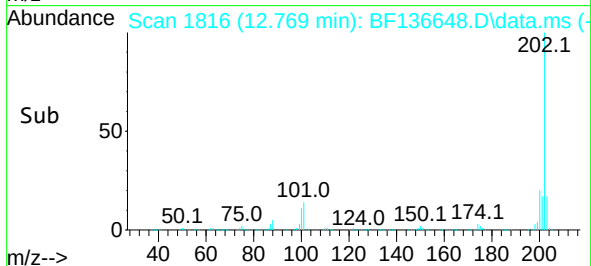
Tgt Ion:202 Resp: 102557
Ion Ratio Lower Upper
202 100
200 19.9 15.9 23.9
203 17.2 13.8 20.6

Manual Integrations

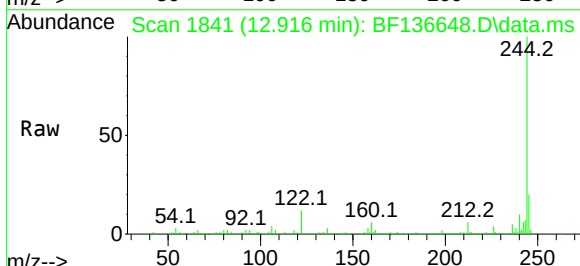
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

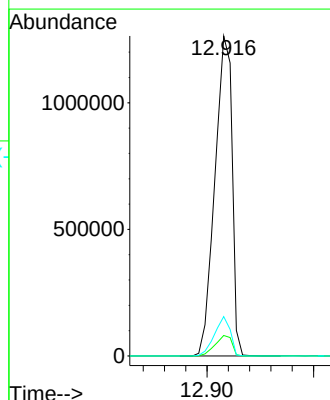
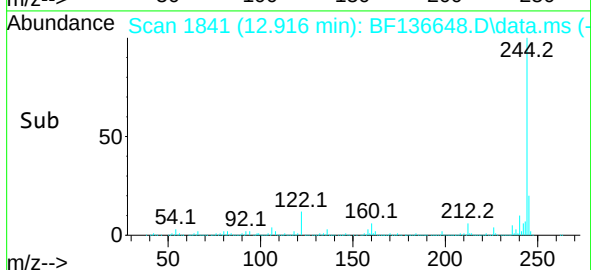
Supervised By :mohammad ahmed 12/21/2023

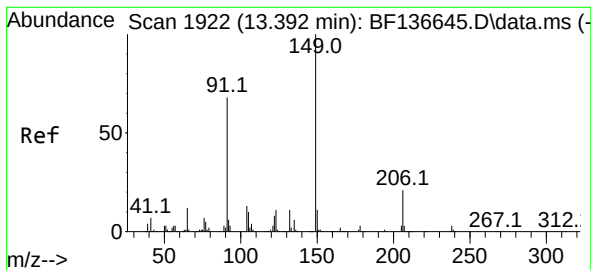


#79
Terphenyl-d14
Concen: 149.606 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



Tgt Ion:244 Resp: 1412870
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 12.3 9.0 13.4





#80
Butylbenzylphthalate
Concen: 79.739 ng
RT: 13.392 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

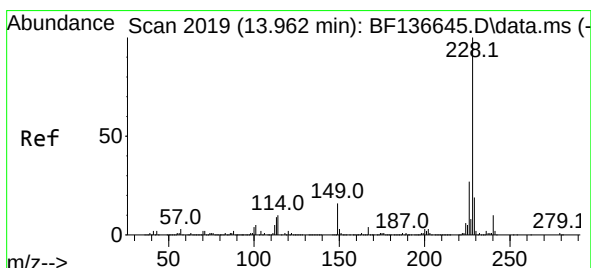
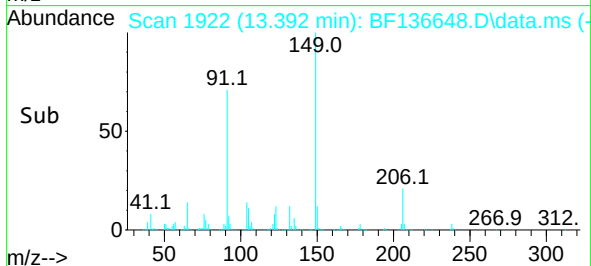
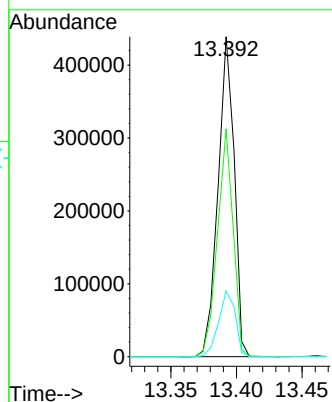
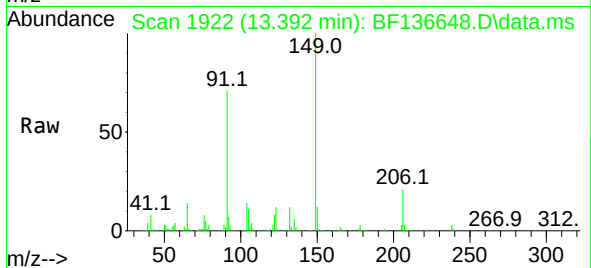
SSTDICC080

Tgt Ion:149 Resp: 37590
Ion Ratio Lower Upper
149 100
91 71.2 54.1 81.1
206 20.6 17.1 25.7

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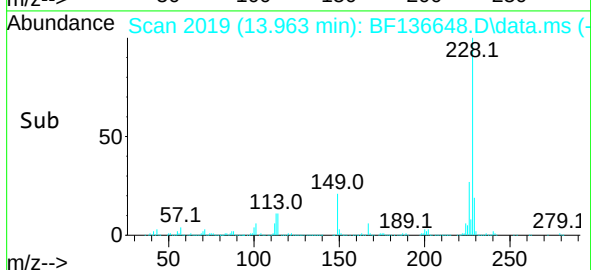
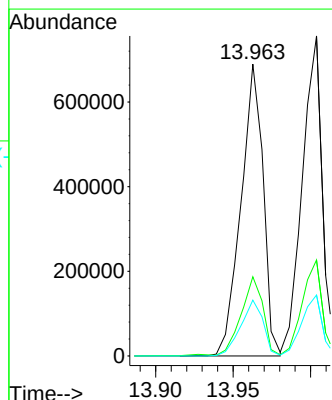
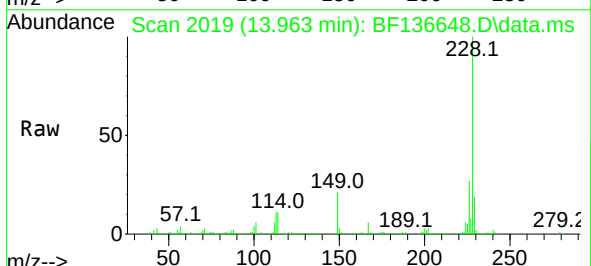
APPROVED

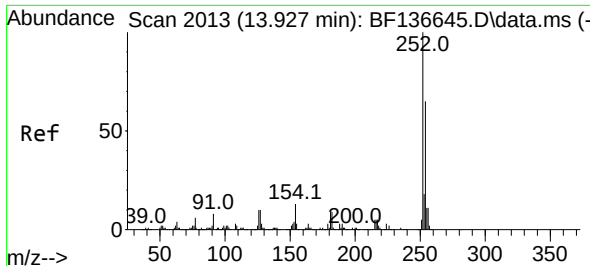
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#81
Benzo(a)anthracene
Concen: 74.752 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Tgt Ion:228 Resp: 685047
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 19.1 14.9 22.3





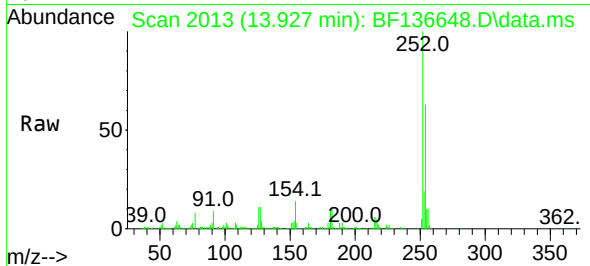
#82
3,3'-Dichlorobenzidine
Concen: 76.120 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

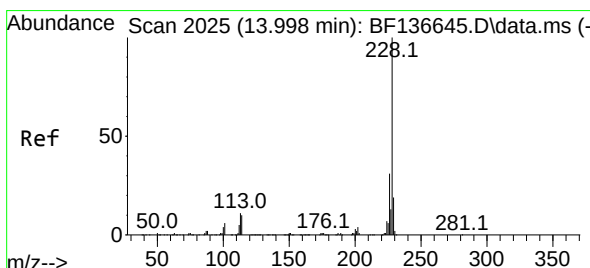
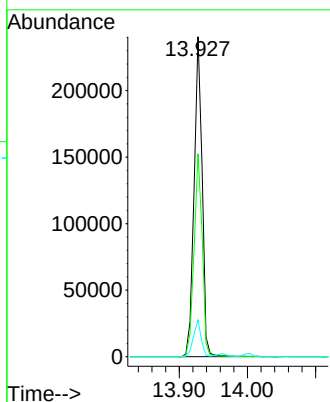
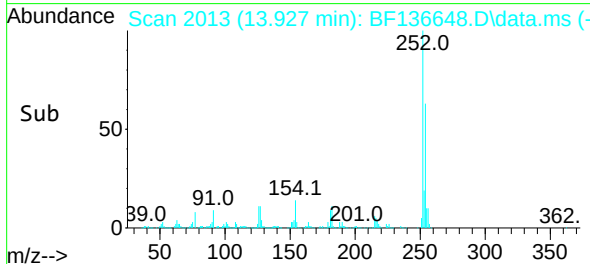


Tgt Ion:252 Resp: 198108
Ion Ratio Lower Upper
252 100
254 63.4 52.2 78.4
126 11.5 8.0 12.0

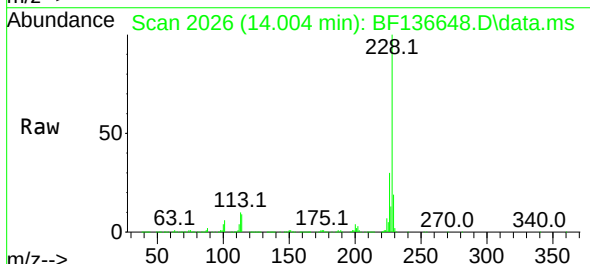
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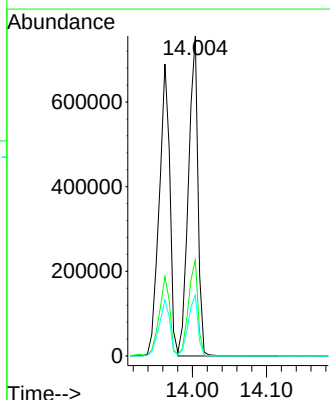
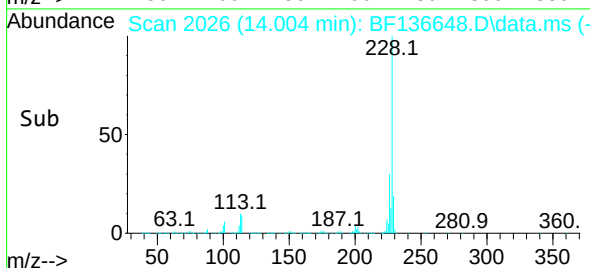
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

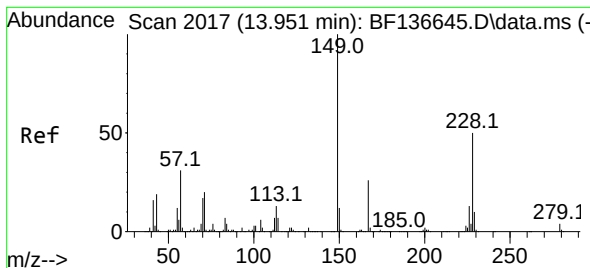


#83
Chrysene
Concen: 75.444 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58



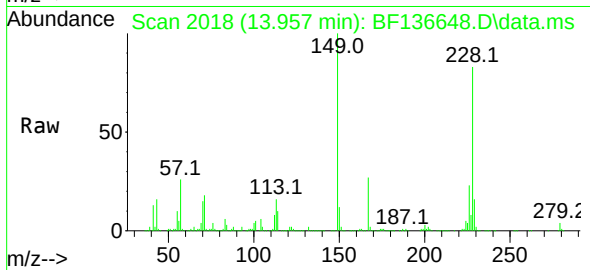
Tgt Ion:228 Resp: 676108
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 19.0 15.4 23.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 79.362 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

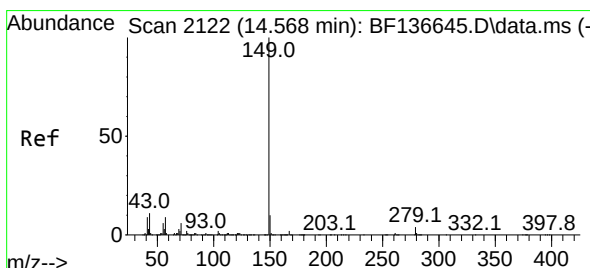
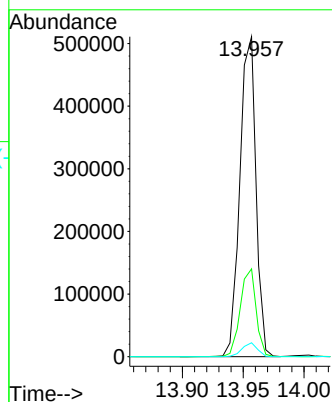
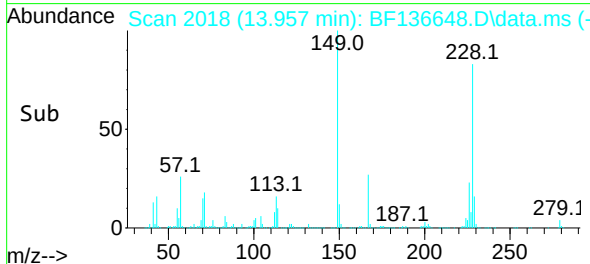
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 470720
Ion Ratio Lower Upper
149 100
167 27.5 20.9 31.3
279 4.3 2.9 4.3

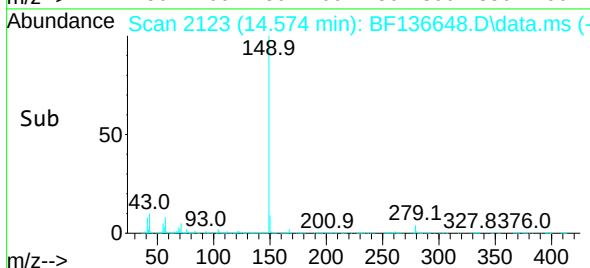
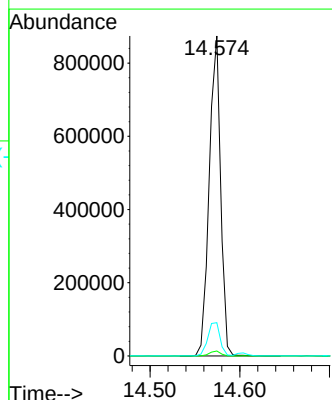
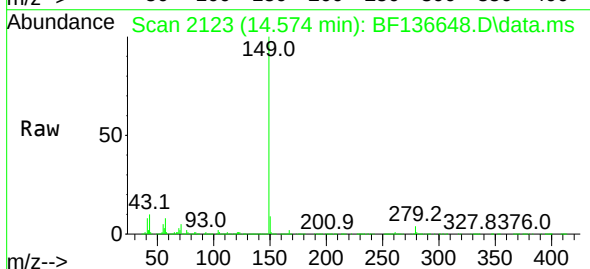
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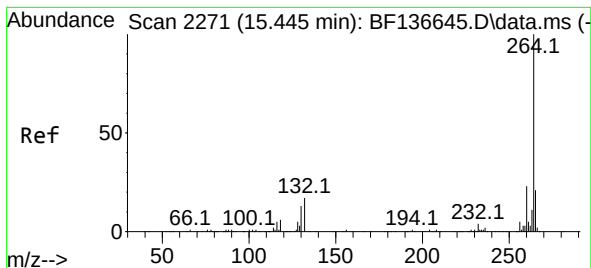
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#85
Di-n-octyl phthalate
Concen: 84.010 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BF136648.D
Acq: 20 Dec 2023 14:58

Tgt Ion:149 Resp: 770778
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 8.9 13.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136648.D

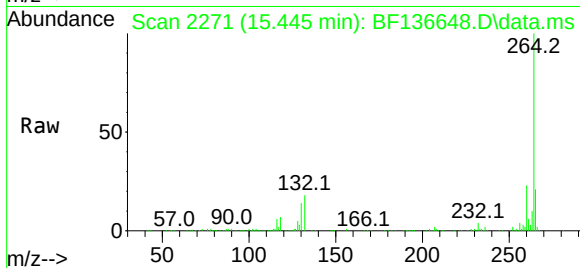
Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:264 Resp: 13496

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

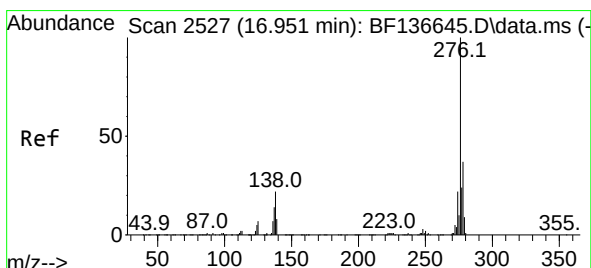
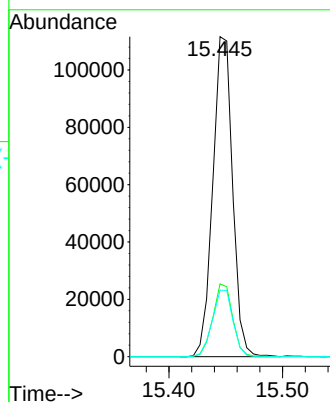
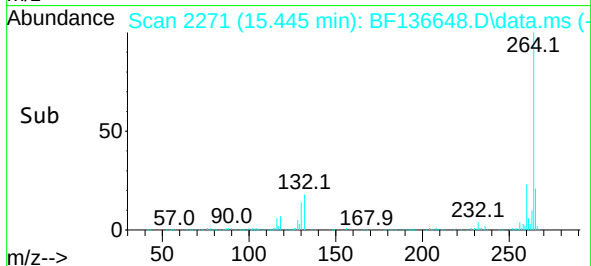
265 20.8 17.0 25.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 83.379 ng

RT: 16.957 min Scan# 2528

Delta R.T. 0.006 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

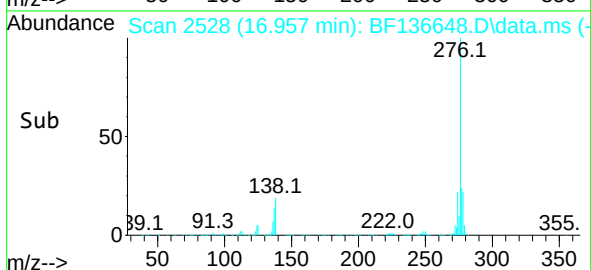
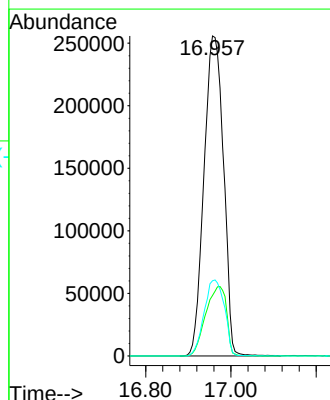
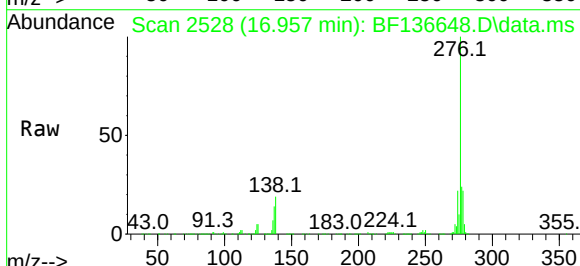
Tgt Ion:276 Resp: 812502

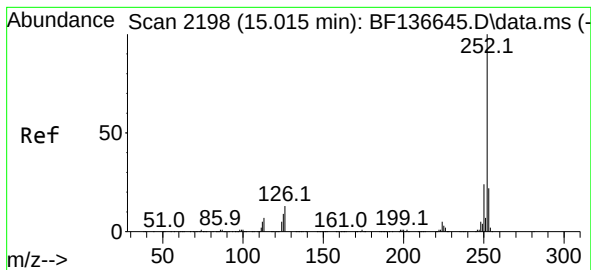
Ion Ratio Lower Upper

276 100

138 23.1 18.7 28.1

277 24.7 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 72.924 ng

RT: 15.021 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 65736

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

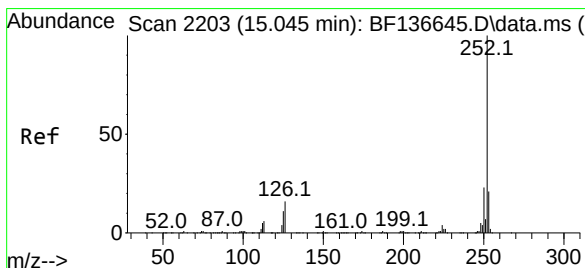
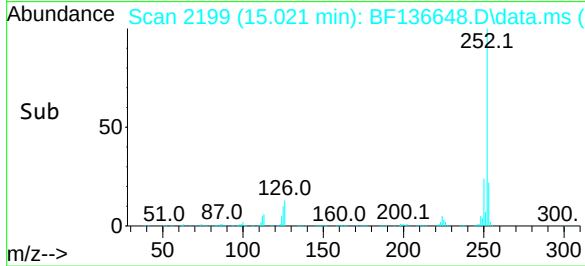
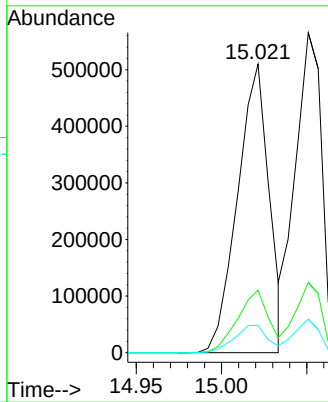
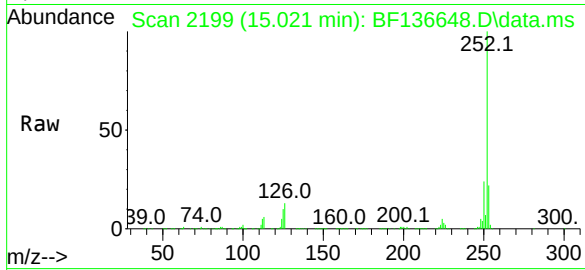
125 9.6 7.4 11.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#89

Benzo(k)fluoranthene

Concen: 72.512 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

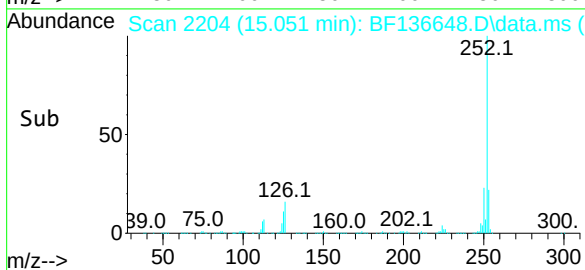
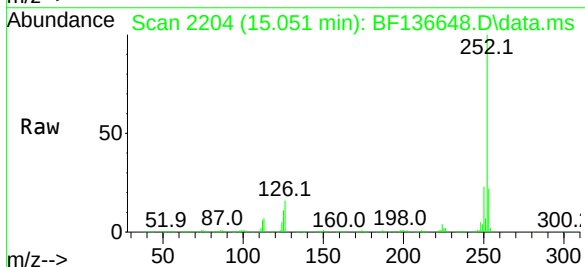
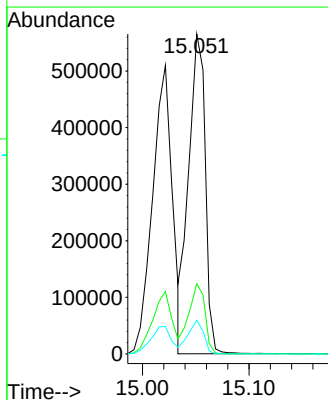
Tgt Ion:252 Resp: 617441

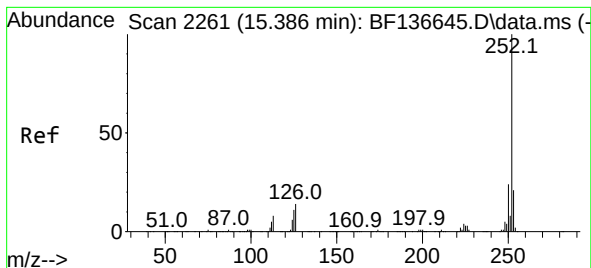
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 10.5 8.2 12.4





#90

Benzo(a)pyrene

Concen: 76.712 ng

RT: 15.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 58371

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

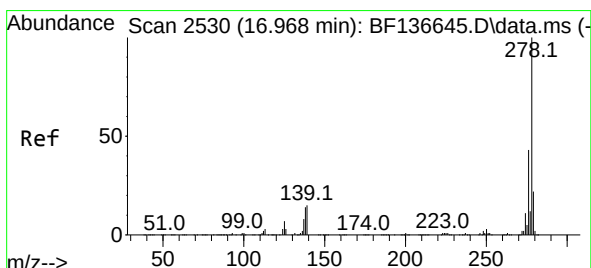
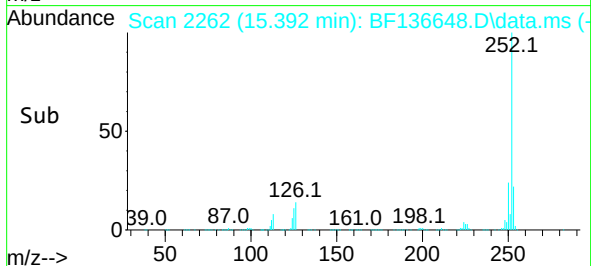
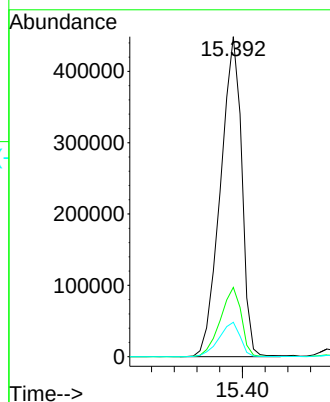
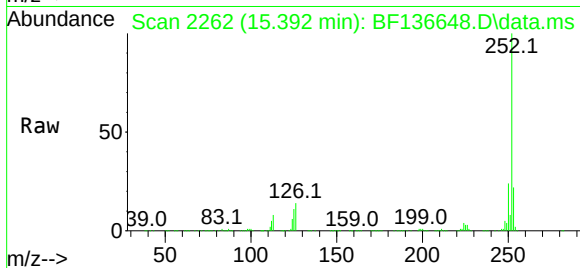
125 10.7 8.8 13.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#91

Dibenzo(a,h)anthracene

Concen: 81.438 ng

RT: 16.986 min Scan# 2533

Delta R.T. 0.018 min

Lab File: BF136648.D

Acq: 20 Dec 2023 14:58

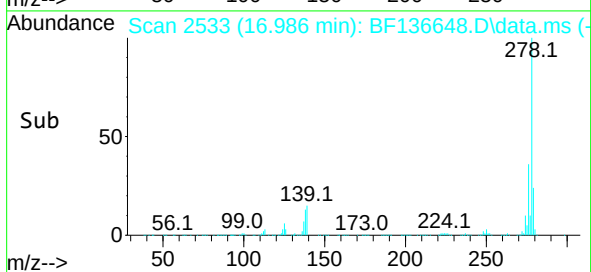
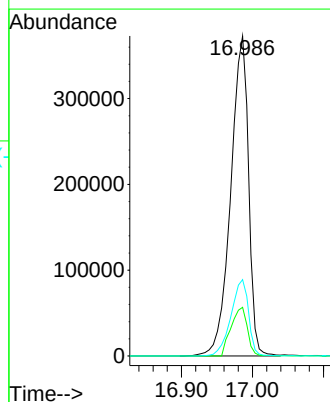
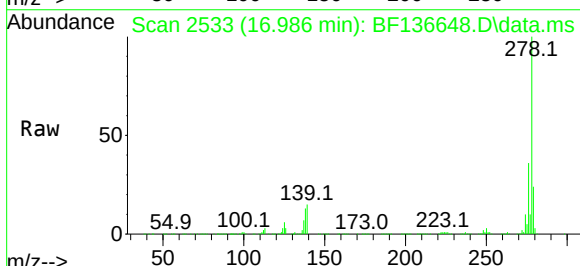
Tgt Ion:278 Resp: 651056

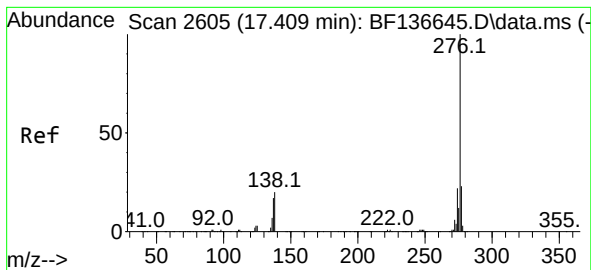
Ion Ratio Lower Upper

278 100

139 15.2 12.2 18.4

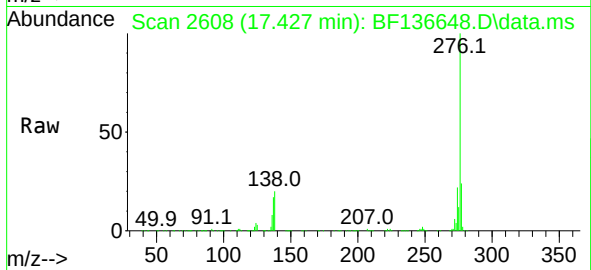
279 23.9 17.8 26.6





#92
 Benzo(g,h,i)perylene
 Concen: 83.630 ng
 RT: 17.427 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BF136648.D
 Acq: 20 Dec 2023 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



Tgt Ion: 276 Resp: 68476
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.3 27.5
 138 19.7 15.6 23.4

Manual Integrations
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Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

