

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134430.D
 Acq On : 24 Jul 2023 15:28
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 01:35:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:30:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	48428	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	179271	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	88329	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	178575	20.000	ng	0.00
76) Chrysene-d12	14.033	240	148098	20.000	ng	0.00
86) Perylene-d12	15.533	264	130938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	126947	43.310	ng	0.00
7) Phenol-d6	6.475	99	156440	43.562	ng	0.00
23) Nitrobenzene-d5	7.398	82	145831	41.157	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	53061	42.280	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	283403	42.121	ng	0.00
79) Terphenyl-d14	12.962	244	345437	40.717	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	25930	20.856	ng	96
3) Pyridine	3.387	79	58351m	20.944	ng	
4) n-Nitrosodimethylamine	3.334	42	35750	21.676	ng	98
6) Aniline	6.498	93	91505	21.619	ng	94
8) 2-Chlorophenol	6.622	128	63751	21.469	ng	97
9) Benzaldehyde	6.392	77	43343	22.537	ng	97
10) Phenol	6.486	94	80543	21.556	ng	94
11) bis(2-Chloroethyl)ether	6.575	93	52852	20.262	ng	94
12) 1,3-Dichlorobenzene	6.775	146	69312	21.706	ng	95
13) 1,4-Dichlorobenzene	6.851	146	70225	21.370	ng	99
14) 1,2-Dichlorobenzene	7.004	146	66777	21.633	ng	97
15) Benzyl Alcohol	6.981	79	60133	21.901	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	80707	21.010	ng	99
17) 2-Methylphenol	7.092	107	56119	21.191	ng	99
18) Hexachloroethane	7.339	117	27177	21.527	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	47451	21.225	ng	98
20) 3+4-Methylphenols	7.245	107	73029	21.538	ng	92
22) Acetophenone	7.245	105	92799	20.814	ng	# 91
24) Nitrobenzene	7.416	77	72190	20.486	ng	98
25) Isophorone	7.651	82	120857	20.466	ng	97
26) 2-Nitrophenol	7.733	139	34025	20.993	ng	95
27) 2,4-Dimethylphenol	7.769	122	53380	20.870	ng	95
28) bis(2-Chloroethoxy)met...	7.863	93	68024	20.695	ng	98
29) 2,4-Dichlorophenol	7.975	162	52169	20.404	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	55919	20.275	ng	95
31) Naphthalene	8.133	128	184294	20.656	ng	99
32) Benzoic acid	7.869	122	35403m	20.961	ng	
33) 4-Chloroaniline	8.186	127	77184	20.929	ng	95
34) Hexachlorobutadiene	8.245	225	39060	21.141	ng	98
35) Caprolactam	8.545	113	15493	19.855	ng	96
36) 4-Chloro-3-methylphenol	8.669	107	59295	20.099	ng	98
37) 2-Methylnaphthalene	8.827	142	128273	20.692	ng	98
38) 1-Methylnaphthalene	8.927	142	120732	20.993	ng	93
40) 1,2,4,5-Tetrachloroben...	8.992	216	57745	20.629	ng	100
41) Hexachlorocyclopentadiene	8.975	237	9782	19.775	ng	90
43) 2,4,6-Trichlorophenol	9.110	196	37069	20.643	ng	94

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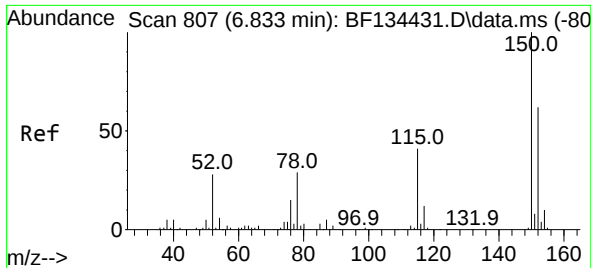
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	44452	21.247	ng	98
46) 1,1'-Biphenyl	9.292	154	153247	21.050	ng	99
47) 2-Chloronaphthalene	9.316	162	111139	20.708	ng	97
48) 2-Nitroaniline	9.416	65	38955	20.154	ng	93
49) Acenaphthylene	9.733	152	190027	20.958	ng	98
50) Dimethylphthalate	9.592	163	136120	20.789	ng	99
51) 2,6-Dinitrotoluene	9.657	165	29294	20.389	ng	99
52) Acenaphthene	9.904	154	111676	20.850	ng	99
53) 3-Nitroaniline	9.833	138	35471	21.533	ng	99
54) 2,4-Dinitrophenol	9.951	184	10760	19.672	ng	96
55) Dibenzofuran	10.080	168	176383	21.396	ng	96
56) 4-Nitrophenol	10.010	139	16660	18.965	ng	87
57) 2,4-Dinitrotoluene	10.069	165	39793	20.621	ng	# 93
58) Fluorene	10.421	166	138096	20.765	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	31402m	19.462	ng	
60) Diethylphthalate	10.292	149	139654	20.600	ng	98
61) 4-Chlorophenyl-phenyle...	10.416	204	67610	21.282	ng	97
62) 4-Nitroaniline	10.445	138	35220	20.847	ng	91
63) Azobenzene	10.574	77	127572	20.444	ng	97
65) 4,6-Dinitro-2-methylph...	10.480	198	20249	19.768	ng	98
66) n-Nitrosodiphenylamine	10.533	169	118238	20.811	ng	97
67) 4-Bromophenyl-phenylether	10.904	248	40966	20.938	ng	# 90
68) Hexachlorobenzene	10.974	284	46051	20.902	ng	93
69) Atrazine	11.063	200	33413	21.094	ng	92
70) Pentachlorophenol	11.174	266	17137	18.534	ng	93
71) Phenanthrene	11.392	178	196683	21.080	ng	99
72) Anthracene	11.445	178	199792	20.747	ng	99
73) Carbazole	11.604	167	188724	20.812	ng	100
74) Di-n-butylphthalate	11.927	149	215165	20.670	ng	99
75) Fluoranthene	12.586	202	224371	20.634	ng	99
77) Benzidine	12.715	184	64456	20.383	ng	99
78) Pyrene	12.821	202	237451	20.165	ng	98
80) Butylbenzylphthalate	13.439	149	95741	20.297	ng	97
81) Benzo(a)anthracene	14.021	228	214727	20.782	ng	97
82) 3,3'-Dichlorobenzidine	13.980	252	71739	21.921	ng	96
83) Chrysene	14.057	228	211457	21.396	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	118543	20.686	ng	98
85) Di-n-octyl phthalate	14.621	149	160412	20.143	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	160054	18.710	ng	99
88) Benzo(b)fluoranthene	15.092	252	171812	20.974	ng	99
89) Benzo(k)fluoranthene	15.121	252	173963m	21.589	ng	
90) Benzo(a)pyrene	15.468	252	156739	20.701	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	129831	18.793	ng	97
92) Benzo(g,h,i)perylene	17.550	276	136765	19.281	ng	99

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



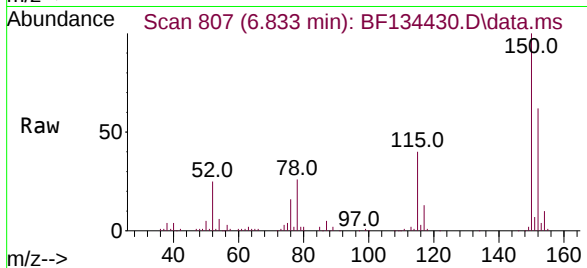
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134430.D
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BNA_F

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SSTDICC020



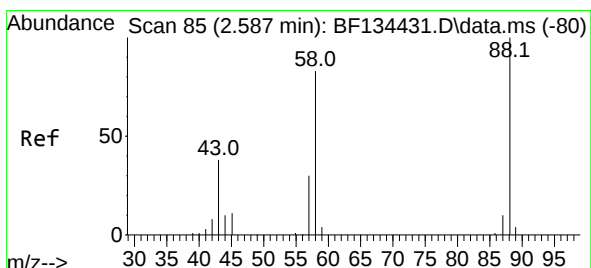
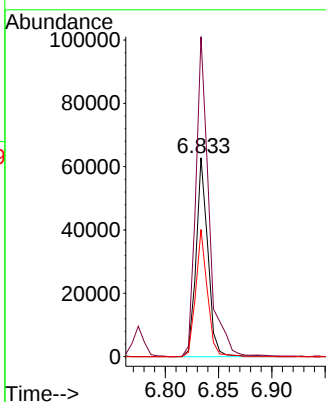
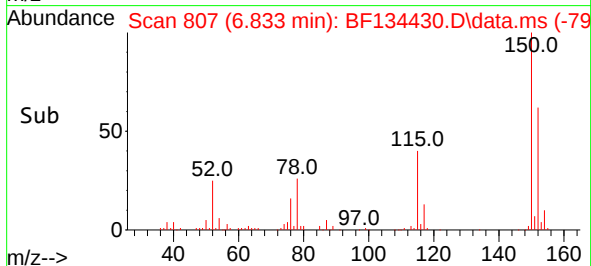
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Ion Ratio Lower Upper
152 100
150 160.9 128.3 192.5
115 63.9 52.4 78.6

Manual Integrations

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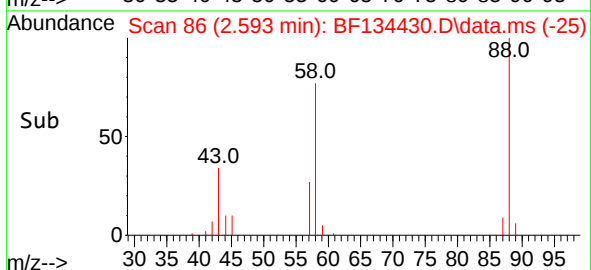
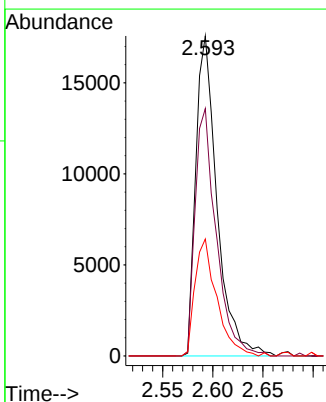
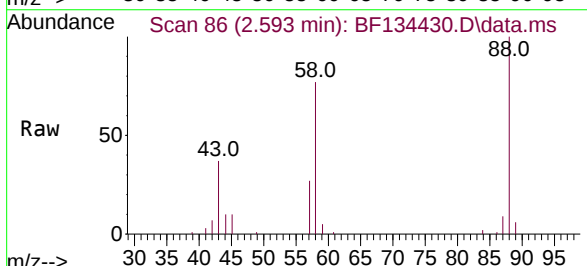
Reviewed By :Yogesh Patel 07/25/2023

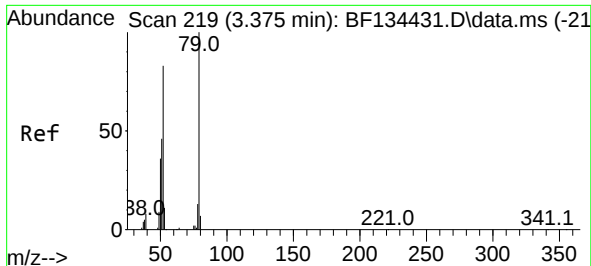
Supervised By :mohammad ahmed 07/25/2023



#2
1,4-Dioxane
Concen: 20.856 ng
RT: 2.593 min Scan# 86
Delta R.T. 0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

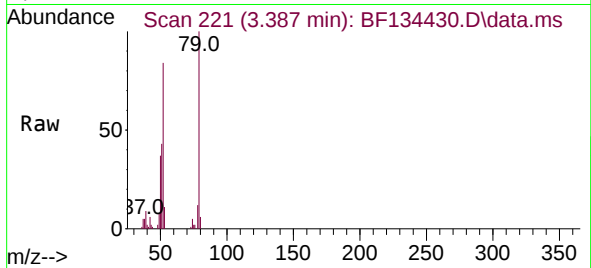
Tgt Ion: 88 Resp: 25930
Ion Ratio Lower Upper
88 100
58 76.9 65.1 97.7
43 37.6 30.3 45.5





#3
Pyridine
Concen: 20.944 ng m
RT: 3.387 min Scan# 219
Delta R.T. 0.012 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

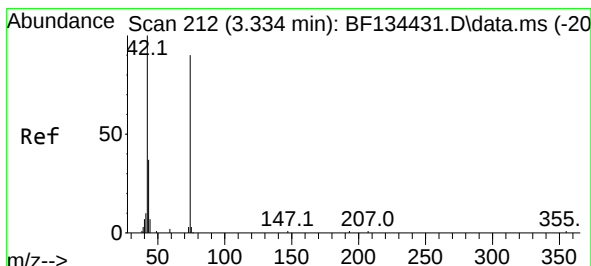
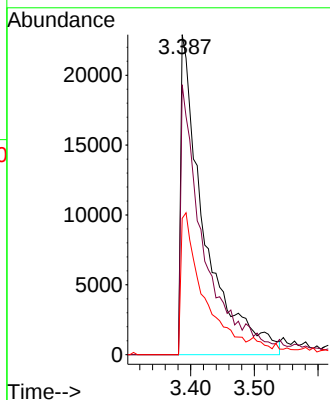
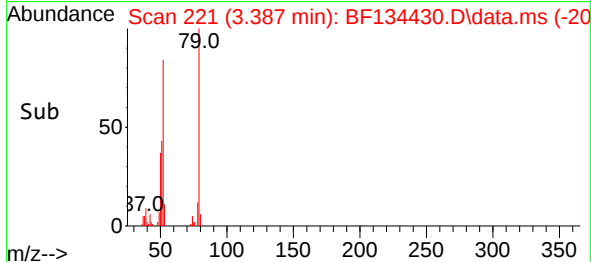
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 5835
Ion Ratio Lower Upper
79 100
52 84.4 66.6 100.0
51 42.6 36.5 54.7

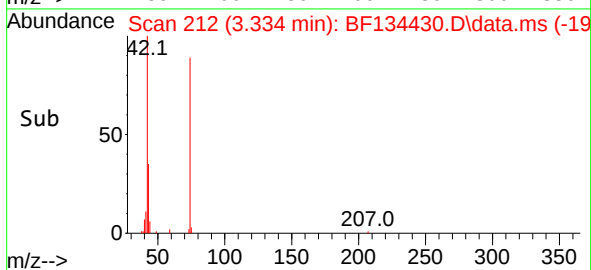
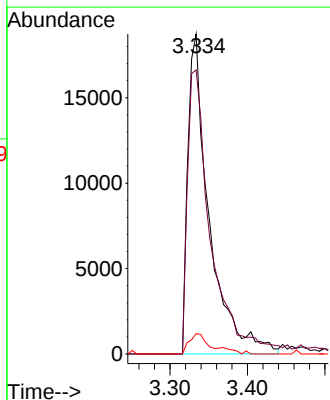
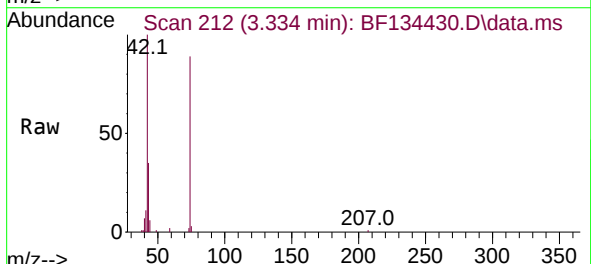
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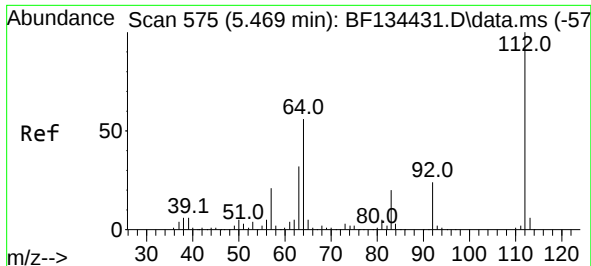
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#4
n-Nitrosodimethylamine
Concen: 21.676 ng
RT: 3.334 min Scan# 212
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Tgt Ion: 42 Resp: 35750
Ion Ratio Lower Upper
42 100
74 88.7 72.2 108.4
44 6.4 5.4 8.0





#5
2-Fluorophenol
Concen: 43.310 ng
RT: 5.463 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

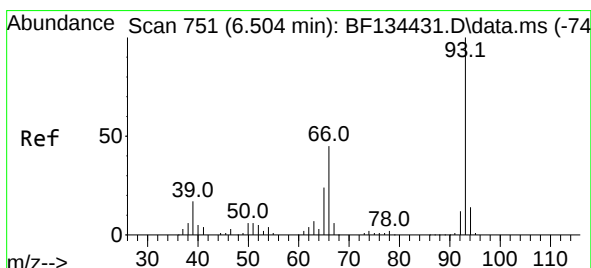
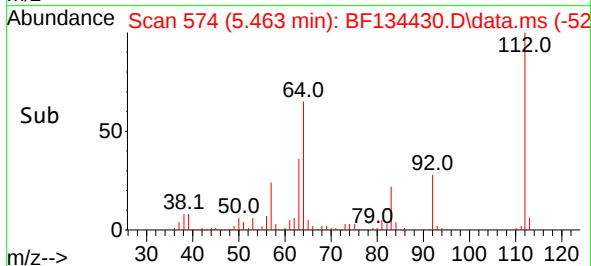
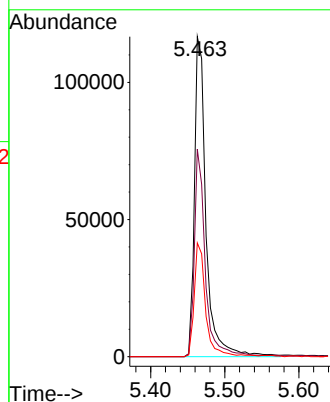
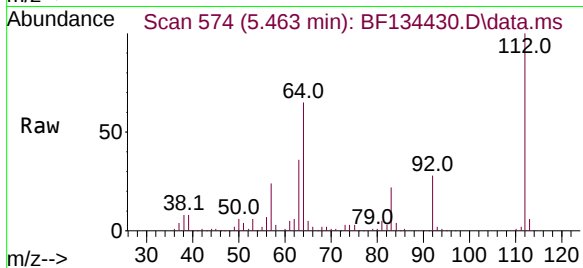
SSTDICC020

Tgt Ion:112 Resp: 12694
Ion Ratio Lower Upper
112 100
64 64.9 44.9 67.3
63 35.5 25.4 38.0

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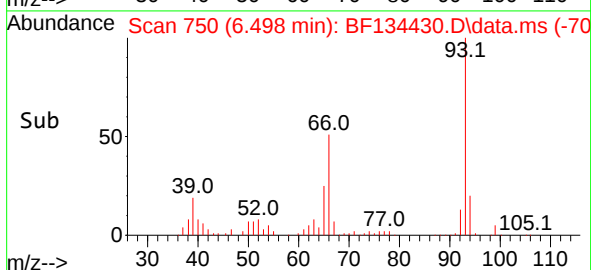
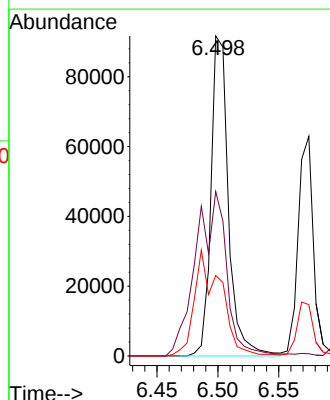
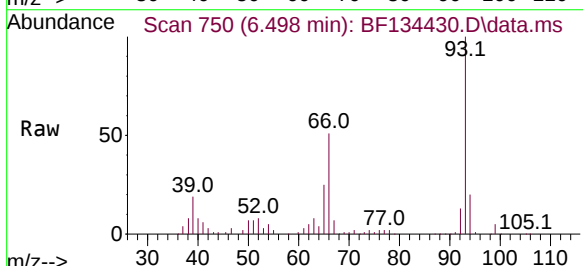
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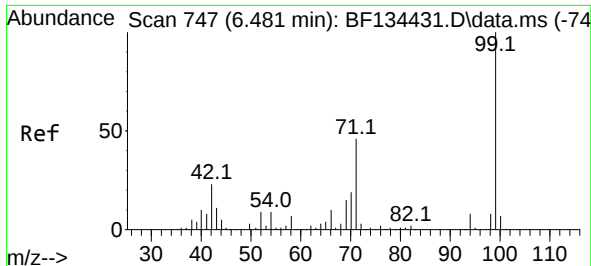
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#6
Aniline
Concen: 21.619 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

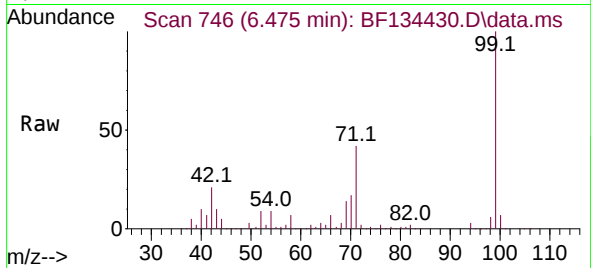
Tgt Ion: 93 Resp: 91505
Ion Ratio Lower Upper
93 100
66 51.4 36.8 55.2
65 25.1 19.4 29.0





#7
Phenol-d6
Concen: 43.562 ng
RT: 6.475 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

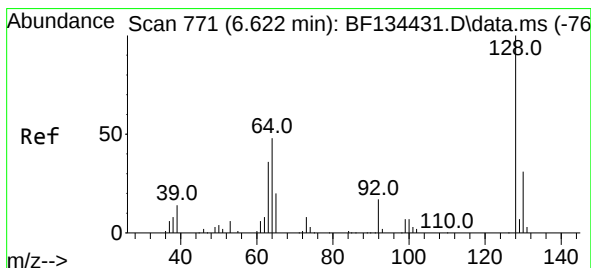
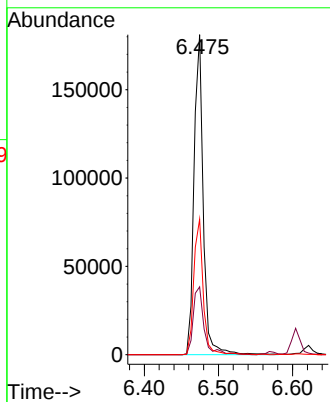
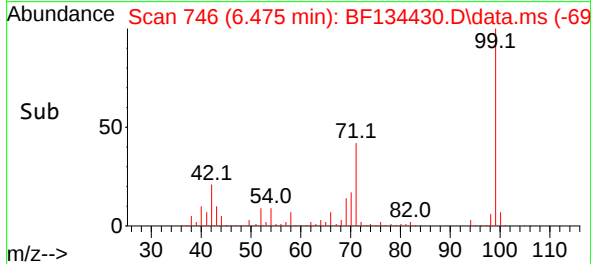
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 156440
Ion Ratio Lower Upper
99 100
42 21.2 18.7 28.1
71 42.3 36.4 54.6

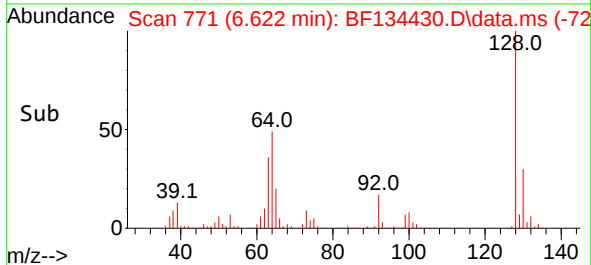
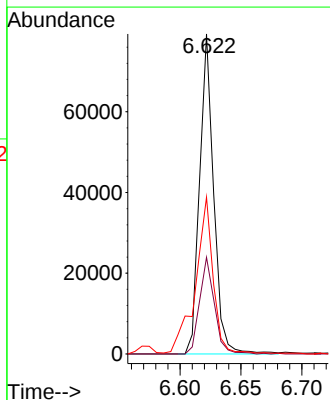
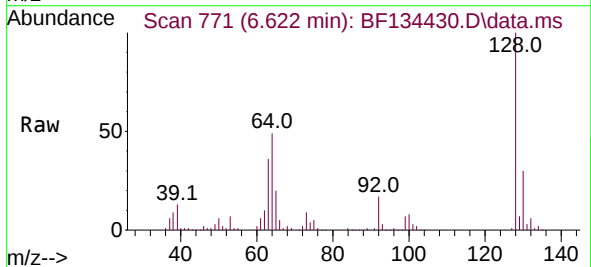
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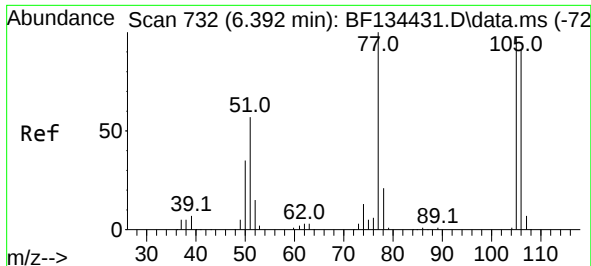
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#8
2-Chlorophenol
Concen: 21.469 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

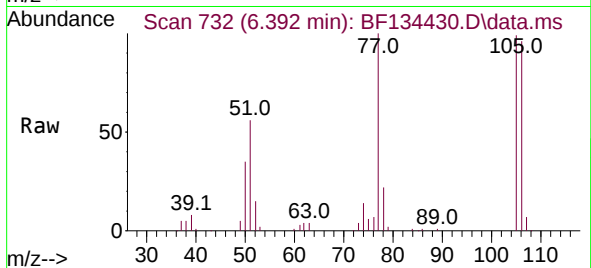
Tgt Ion:128 Resp: 63751
Ion Ratio Lower Upper
128 100
130 30.2 11.1 51.1
64 49.0 31.9 71.9





#9
Benzaldehyde
Concen: 22.537 ng
RT: 6.392 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

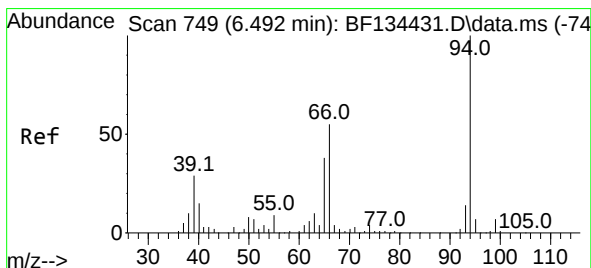
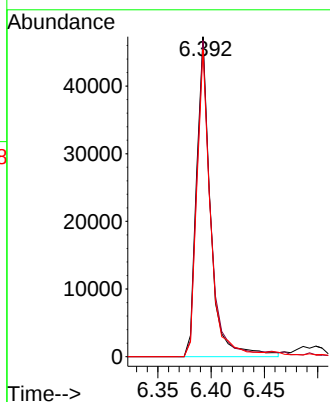
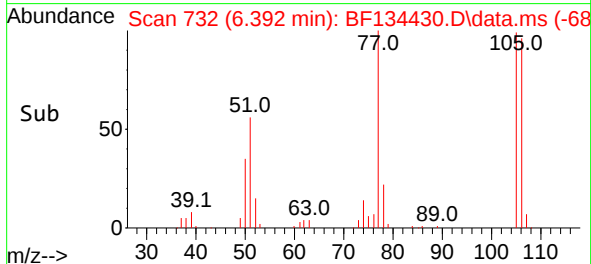
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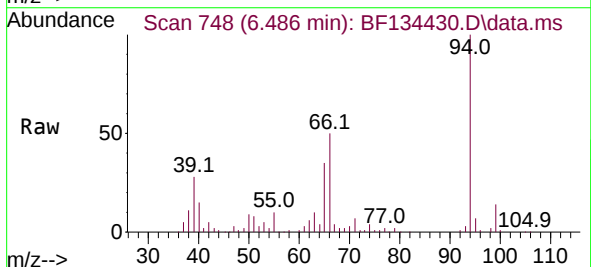
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Ion Ratio Lower Upper
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105 98.8 77.1 117.1
106 96.1 71.4 111.4

Manual Integrations
APPROVED

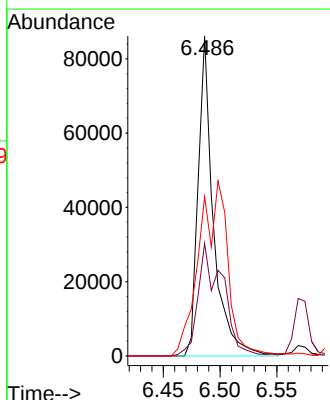
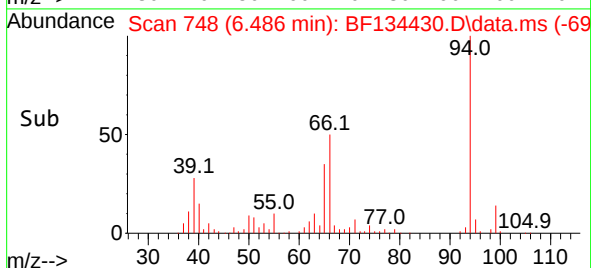
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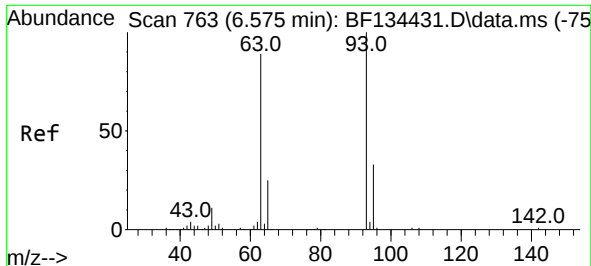


#10
Phenol
Concen: 21.556 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28



Tgt Ion: 94 Resp: 80543
Ion Ratio Lower Upper
94 100
65 35.2 17.8 57.8
66 49.8 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 20.262 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

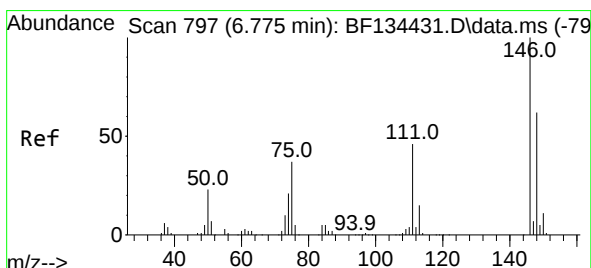
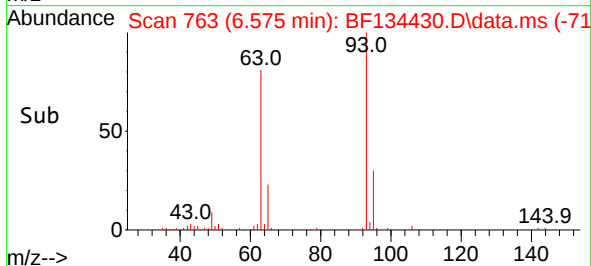
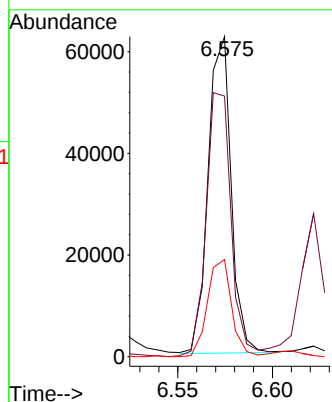
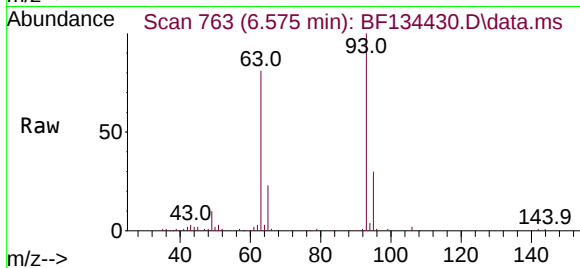
ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 52852
Ion Ratio Lower Upper
93 100
63 81.5 68.4 108.4
95 30.4 12.4 52.4

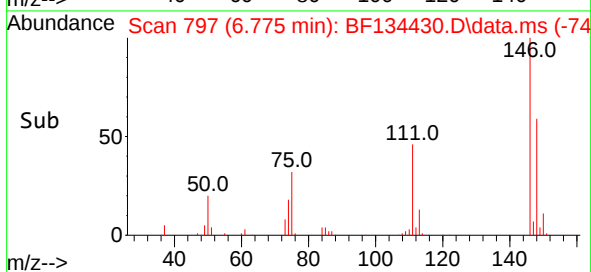
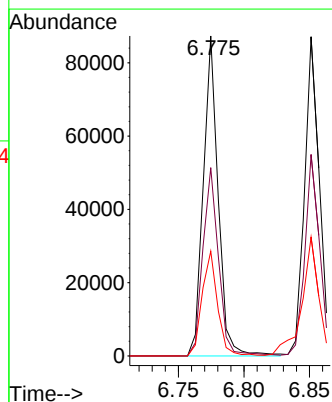
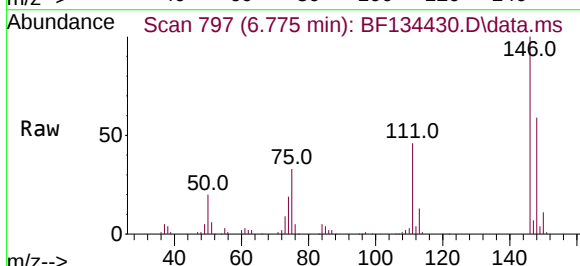
Manual Integrations
APPROVED

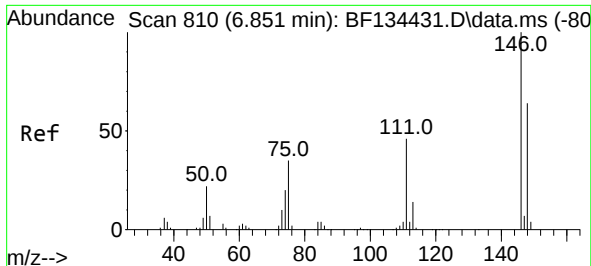
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#12
1,3-Dichlorobenzene
Concen: 21.706 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Tgt Ion:146 Resp: 69312
Ion Ratio Lower Upper
146 100
148 58.9 49.7 74.5
75 32.8 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 21.370 ng

RT: 6.851 min Scan# 810

Delta R.T. -0.000 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 70225

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

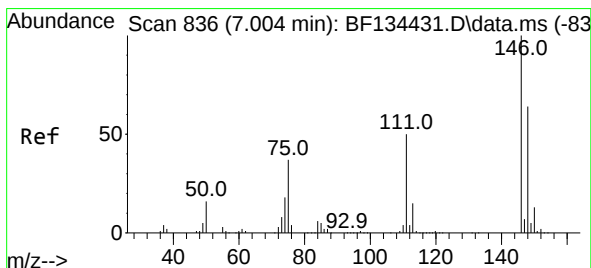
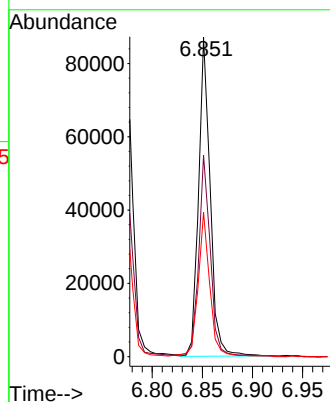
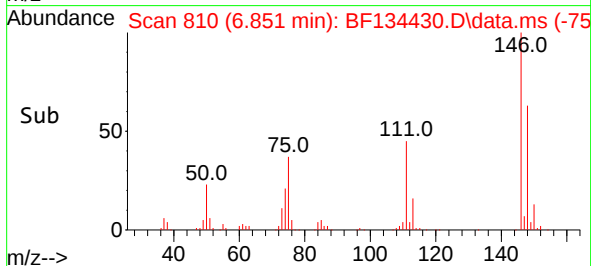
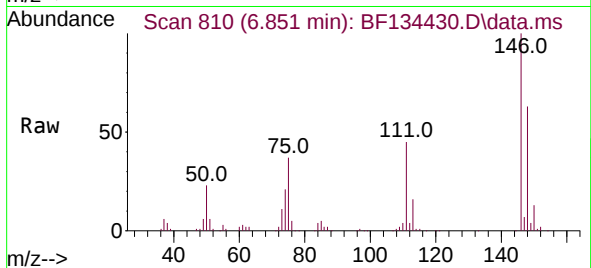
111 45.2 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#14

1,2-Dichlorobenzene

Concen: 21.633 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.000 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

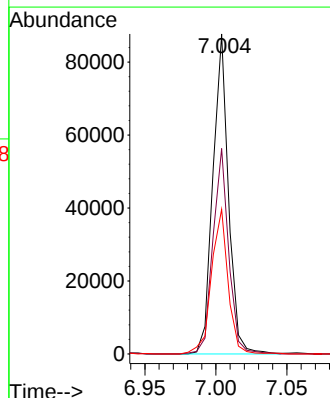
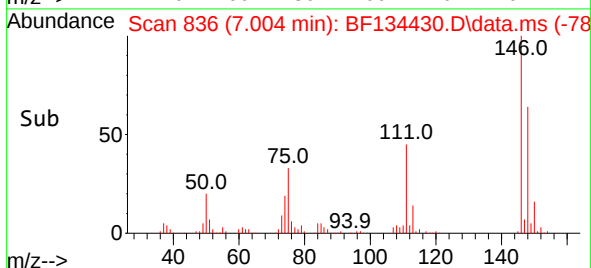
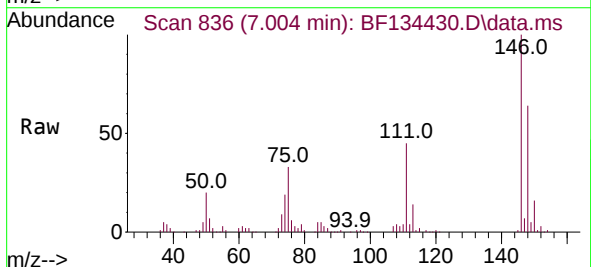
Tgt Ion:146 Resp: 66777

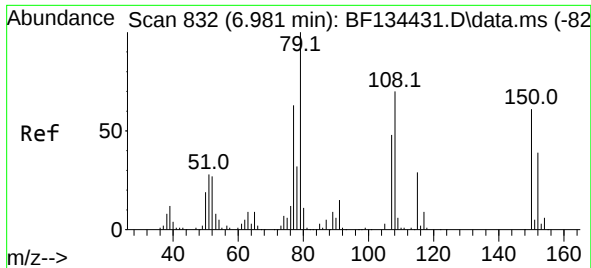
Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

111 45.2 39.9 59.9





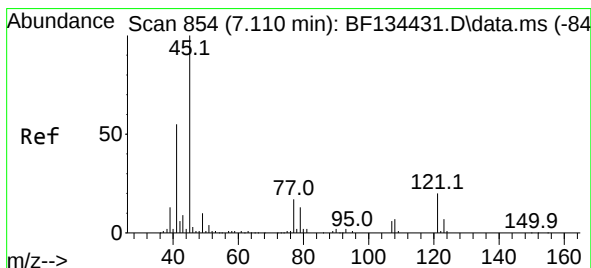
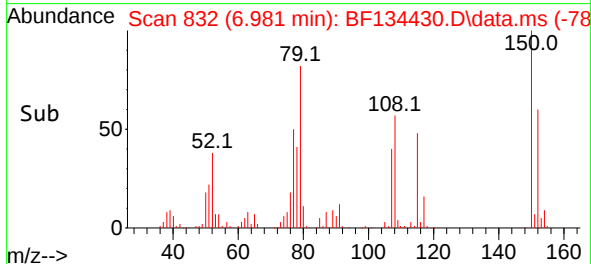
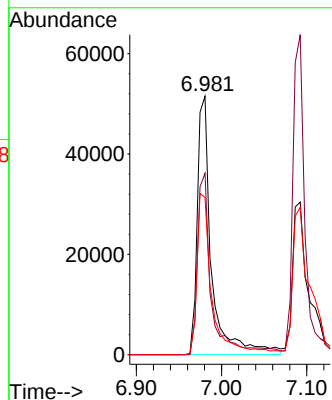
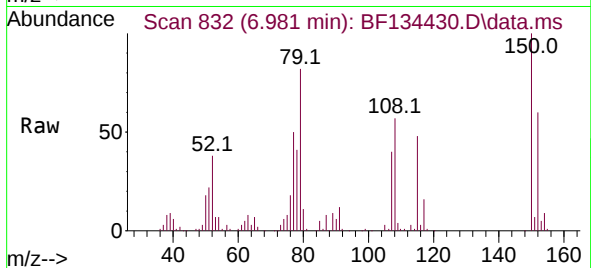
#15
Benzyl Alcohol
Concen: 21.901 ng
RT: 6.981 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 6013
Ion Ratio Lower Upper
79 100
108 70.2 56.3 84.5
77 60.9 50.6 76.0

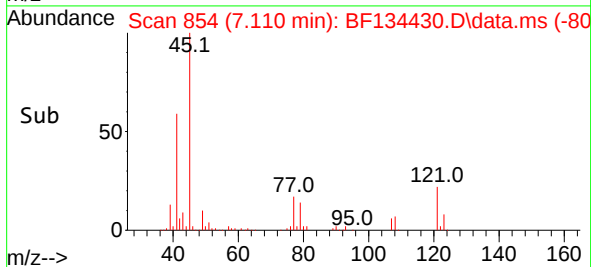
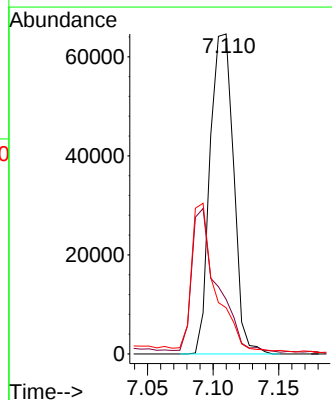
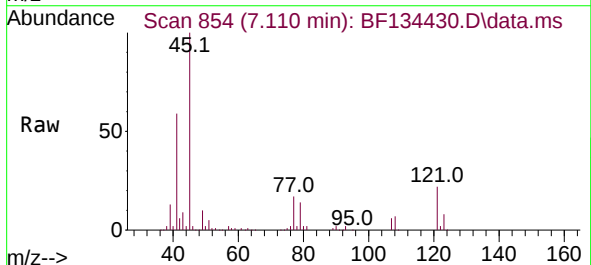
Manual Integrations
APPROVED

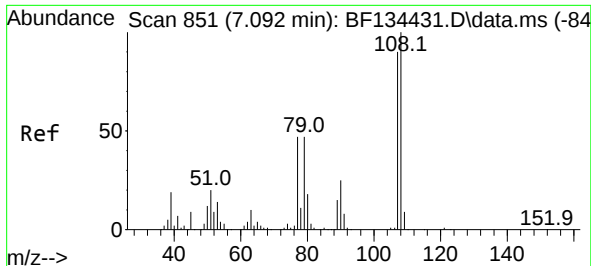
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.010 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Tgt Ion: 45 Resp: 80707
Ion Ratio Lower Upper
45 100
77 17.1 0.0 37.8
79 14.5 0.0 34.5





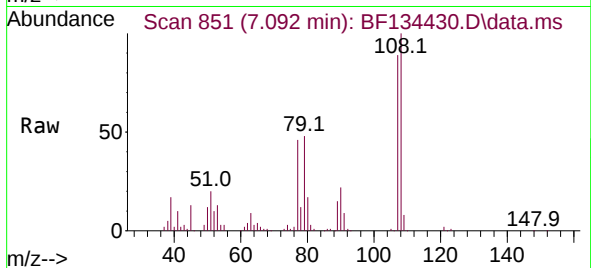
#17
2-Methylphenol
Concen: 21.191 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

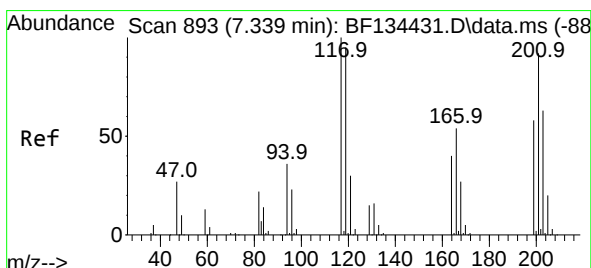
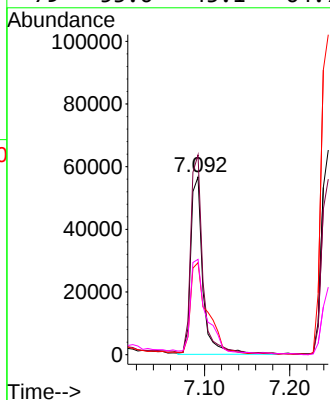
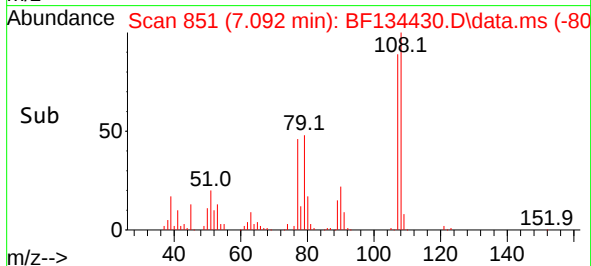


Tgt Ion:107 Resp: 56119
Ion Ratio Lower Upper
107 100
108 112.5 89.4 134.2
77 51.8 42.4 63.6
79 53.6 43.1 64.7

Manual Integrations

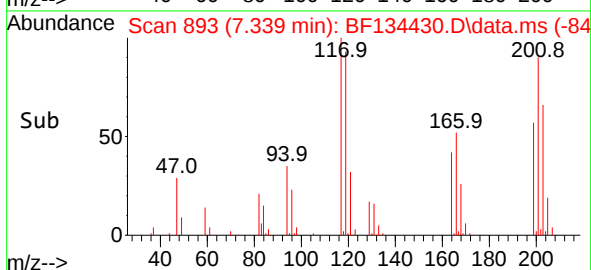
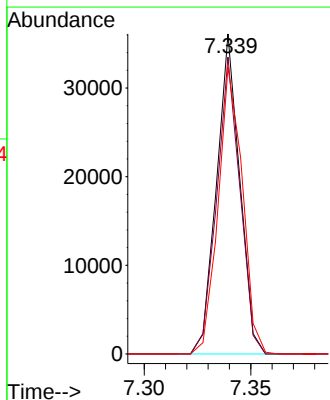
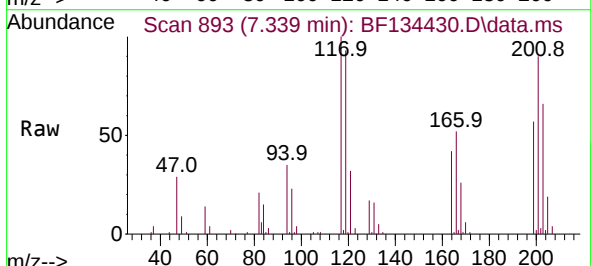
APPROVED

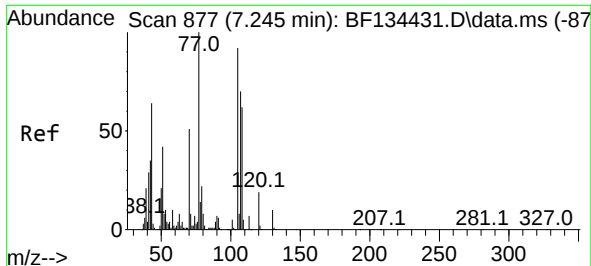
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#18
Hexachloroethane
Concen: 21.527 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

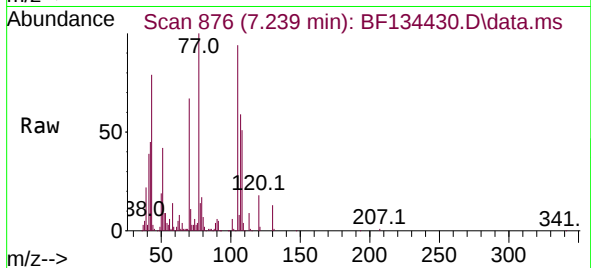
Tgt Ion:117 Resp: 27177
Ion Ratio Lower Upper
117 100
119 92.8 75.8 113.8
201 89.6 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 21.225 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

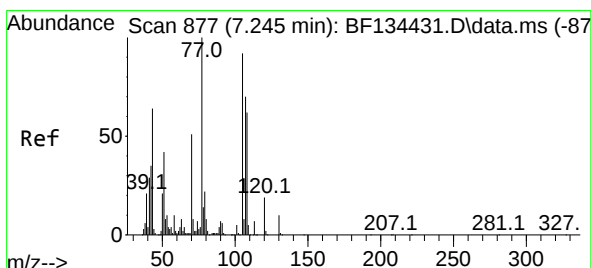
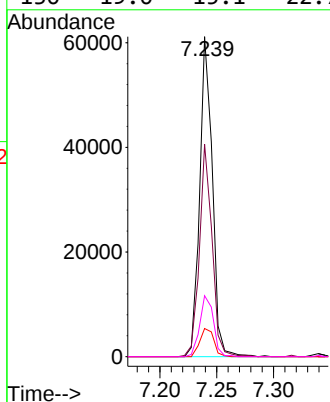
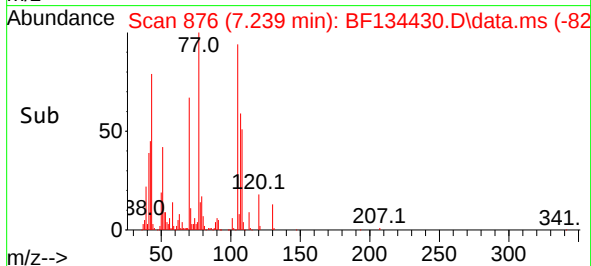
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



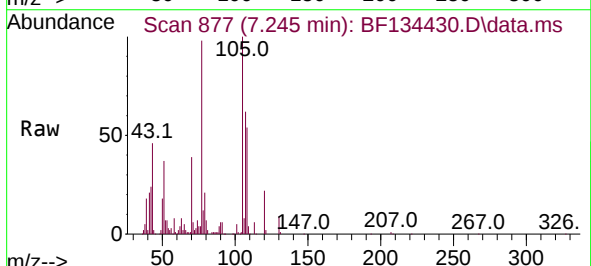
Tgt Ion: 70 Resp: 4745
Ion Ratio Lower Upper
70 100
42 66.4 54.7 82.1
101 8.8 8.2 12.2
130 19.0 15.1 22.7

Manual Integrations
APPROVED

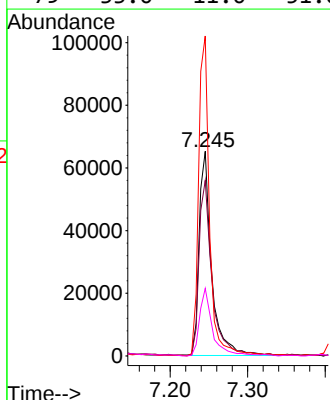
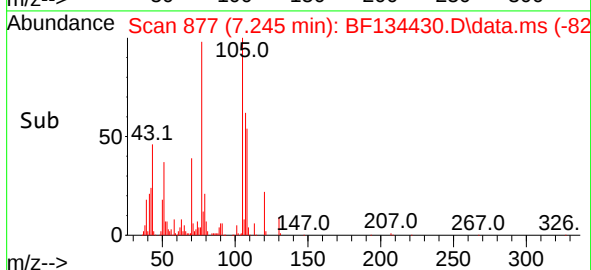
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

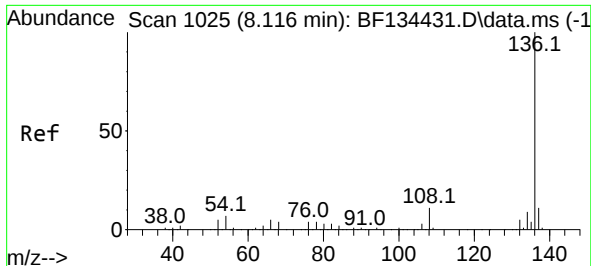


#20
3+4-Methylphenols
Concen: 21.538 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28



Tgt Ion:107 Resp: 73029
Ion Ratio Lower Upper
107 100
108 85.8 68.1 108.1
77 156.4 122.1 162.1
79 33.0 11.0 51.0





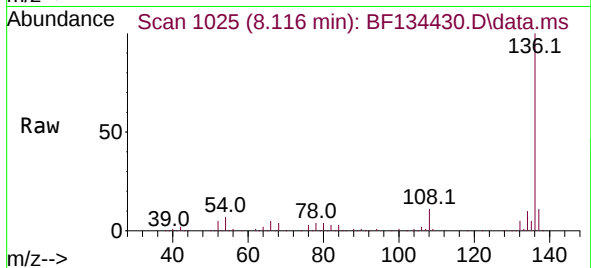
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



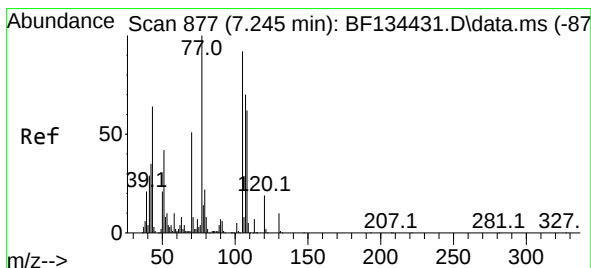
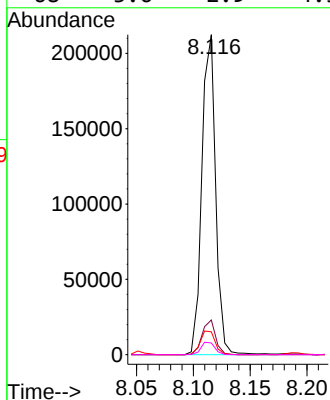
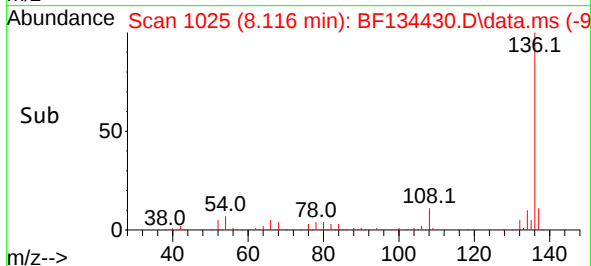
Tgt Ion:136 Resp: 17927
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.2 5.2 7.8
68 3.6 2.9 4.3

Manual Integrations

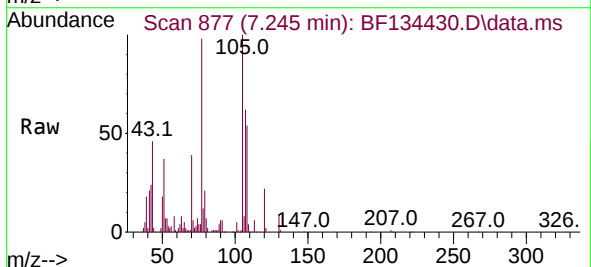
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

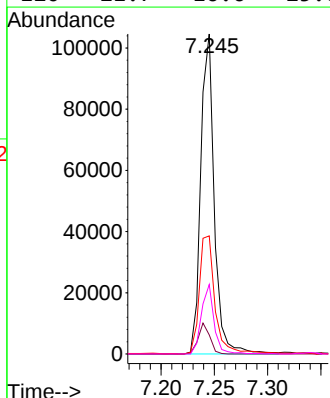
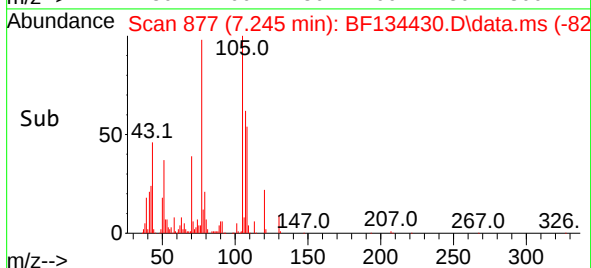
Supervised By :mohammad ahmed 07/25/2023

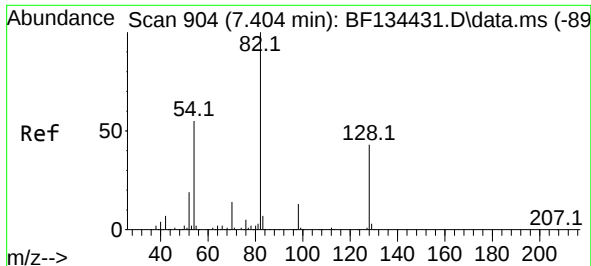


#22
Acetophenone
Concen: 20.814 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28



Tgt Ion:105 Resp: 92799
Ion Ratio Lower Upper
105 100
71 5.9 7.4 11.0#
51 36.9 36.4 54.6
120 21.7 16.6 25.0





#23

Nitrobenzene-d5

Concen: 41.157 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

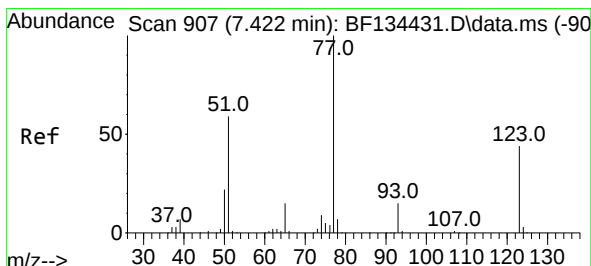
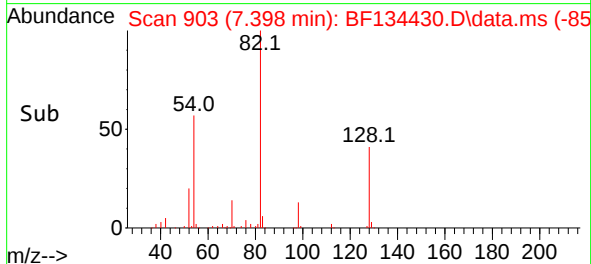
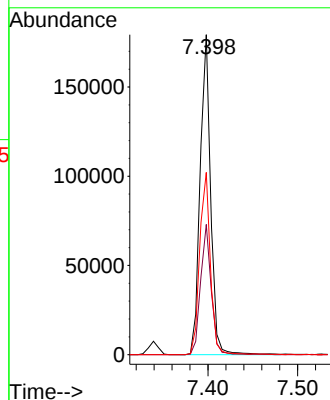
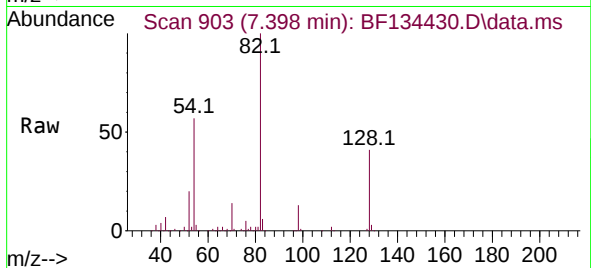
SSTDICC020

Tgt Ion: 82 Resp: 14583

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.3	51.5
54	57.0	43.8	65.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#24

Nitrobenzene

Concen: 20.486 ng

RT: 7.416 min Scan# 906

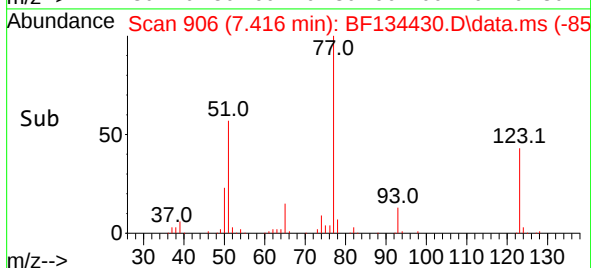
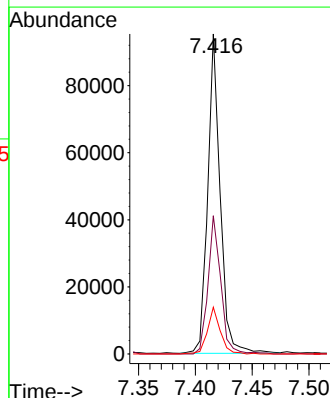
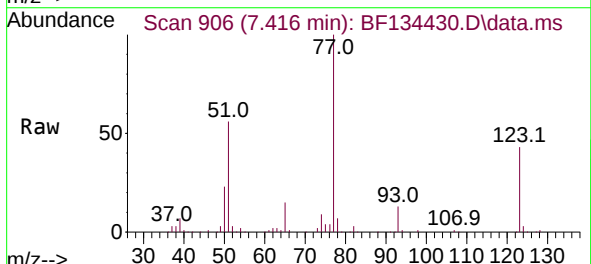
Delta R.T. -0.006 min

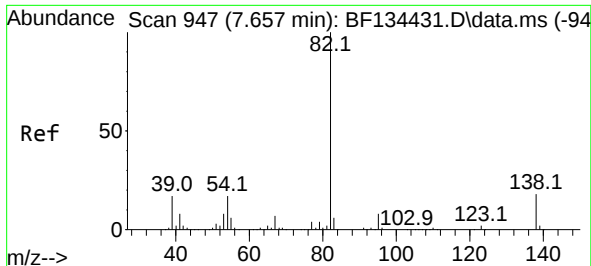
Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Tgt Ion: 77 Resp: 72190

Ion	Ratio	Lower	Upper
77	100		
123	43.2	35.5	53.3
65	14.6	11.9	17.9





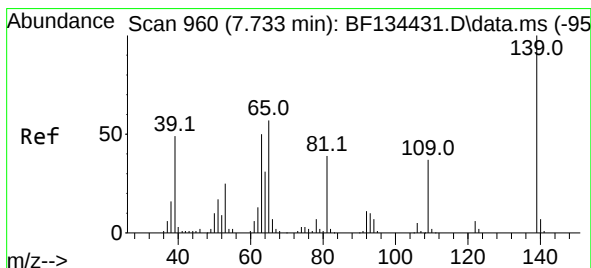
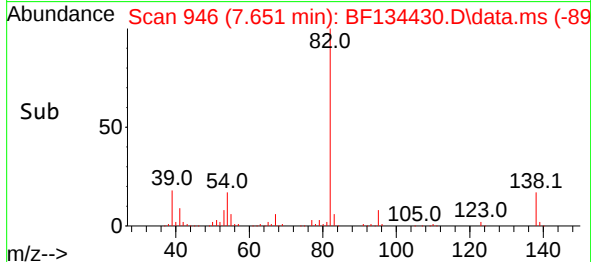
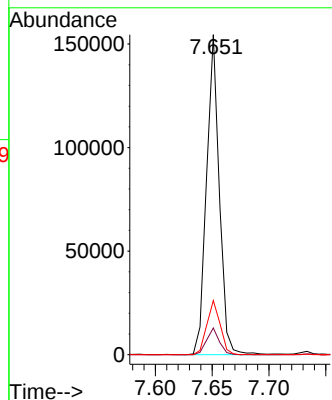
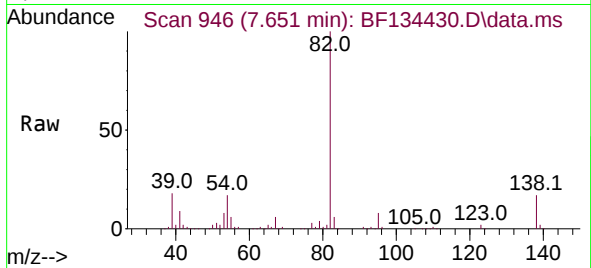
#25
Isophorone
Concen: 20.466 ng
RT: 7.651 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 12085
Ion Ratio Lower Upper
82 100
95 8.4 6.0 9.0
138 16.9 14.6 22.0

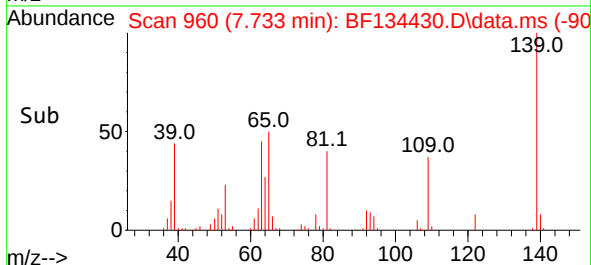
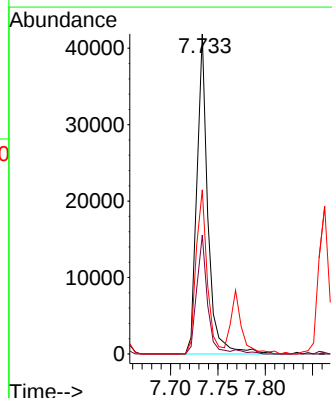
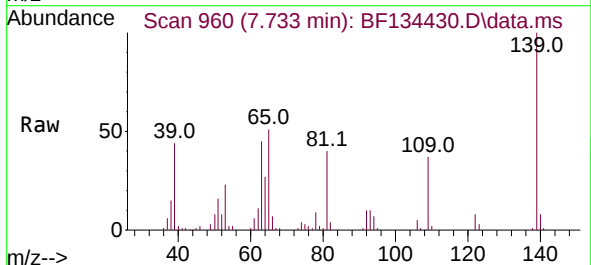
Manual Integrations
APPROVED

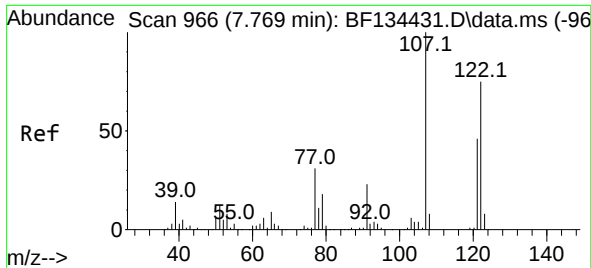
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#26
2-Nitrophenol
Concen: 20.993 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Tgt Ion:139 Resp: 34025
Ion Ratio Lower Upper
139 100
109 37.2 29.8 44.6
65 51.3 45.4 68.2





#27
2,4-Dimethylphenol
Concen: 20.870 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

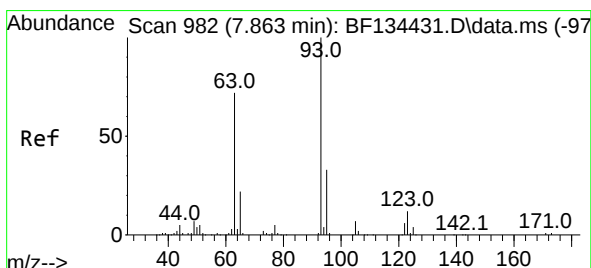
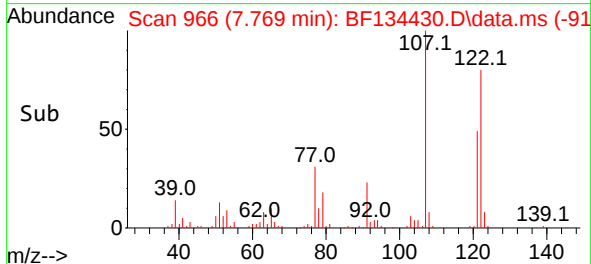
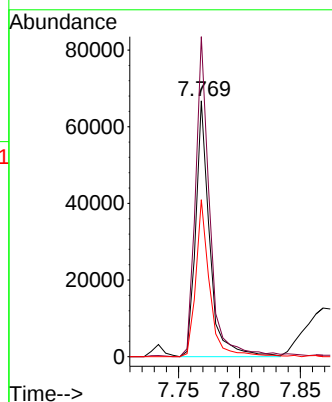
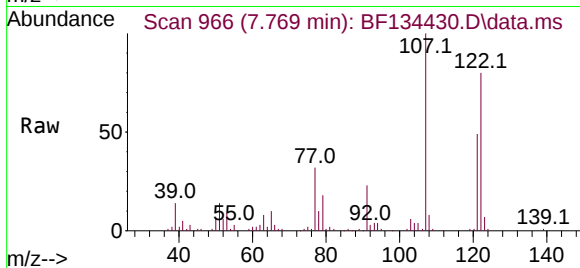
ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 53380
Ion Ratio Lower Upper
122 100
107 125.1 106.7 160.1
121 61.3 49.0 73.6

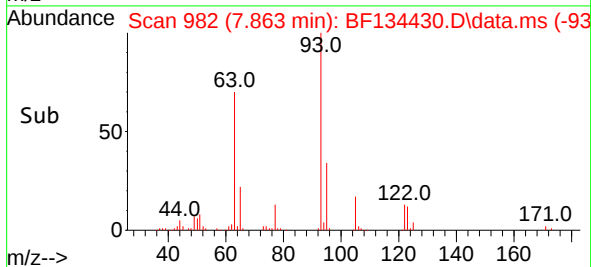
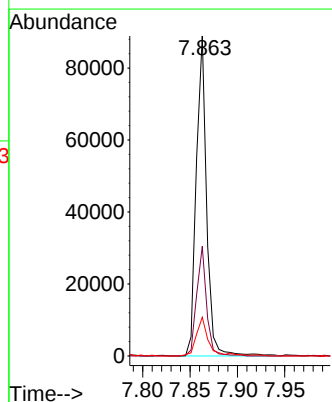
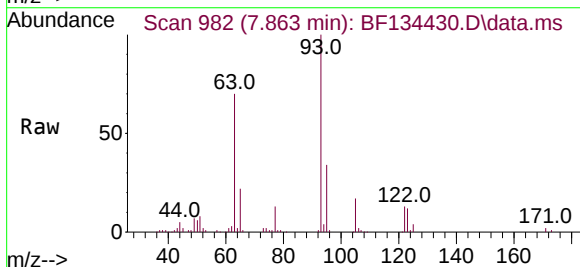
Manual Integrations
APPROVED

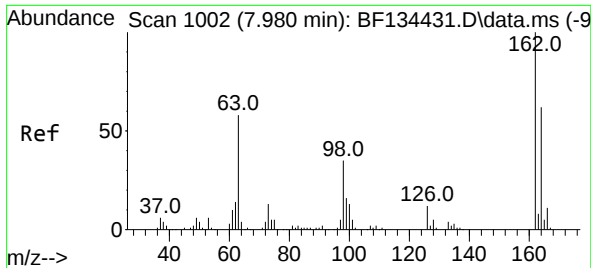
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 20.695 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Tgt Ion: 93 Resp: 68024
Ion Ratio Lower Upper
93 100
95 34.3 26.5 39.7
123 12.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 20.404 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

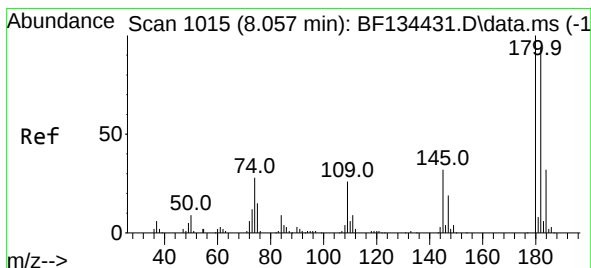
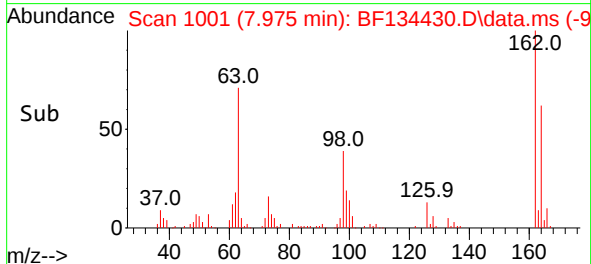
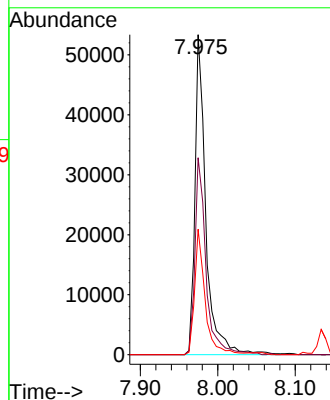
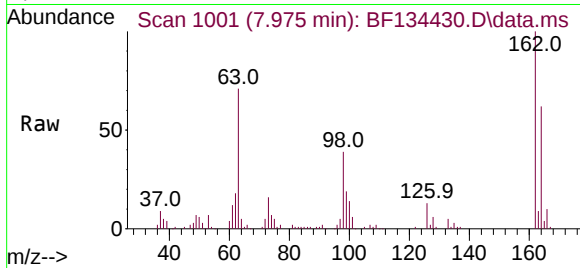
Tgt Ion:162 Resp: 52169
 Ion Ratio Lower Upper
 162 100
 164 61.6 42.2 82.2
 98 39.2 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 20.275 ng

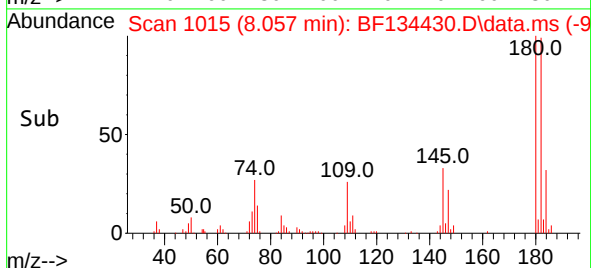
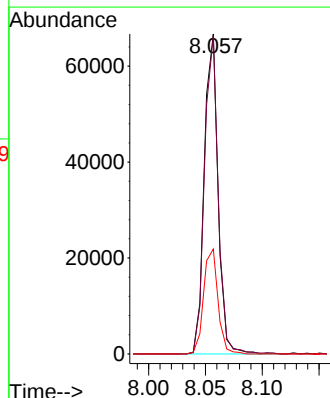
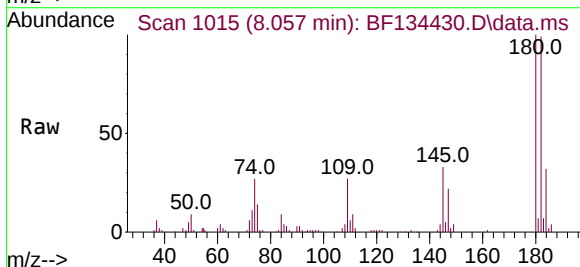
RT: 8.057 min Scan# 1015

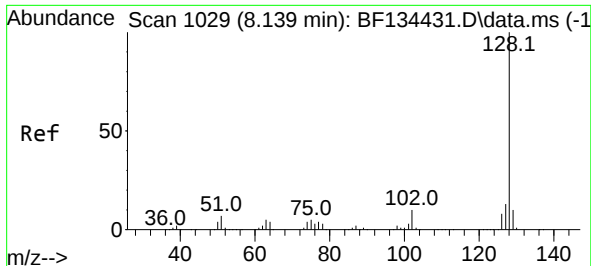
Delta R.T. -0.000 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Tgt Ion:180 Resp: 55919
 Ion Ratio Lower Upper
 180 100
 182 99.5 75.0 112.6
 145 32.8 25.5 38.3





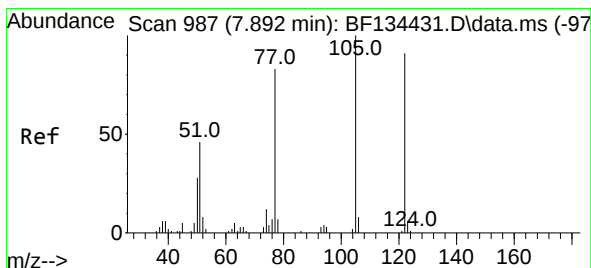
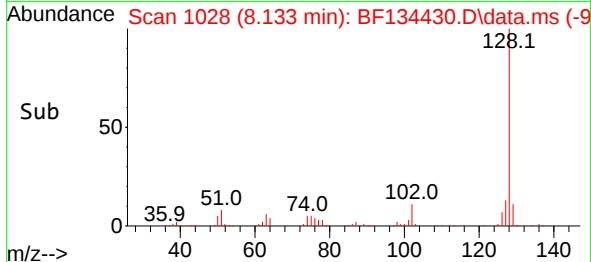
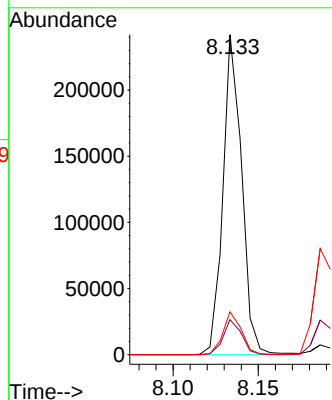
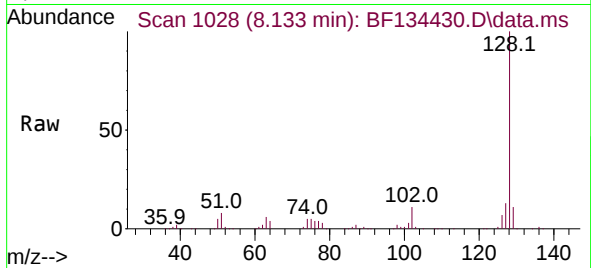
#31
Naphthalene
Concen: 20.656 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 184294
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.4 10.7 16.1

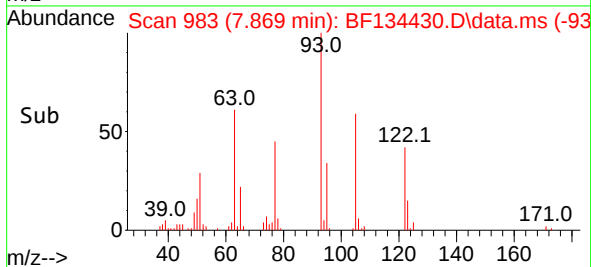
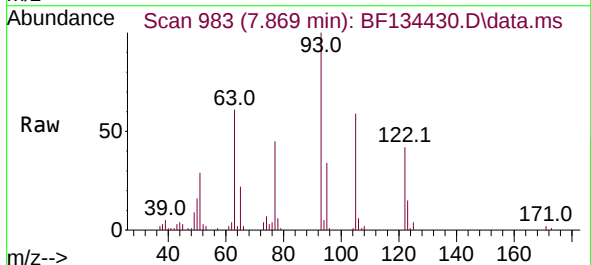
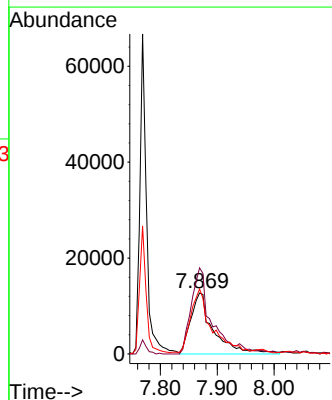
Manual Integrations
APPROVED

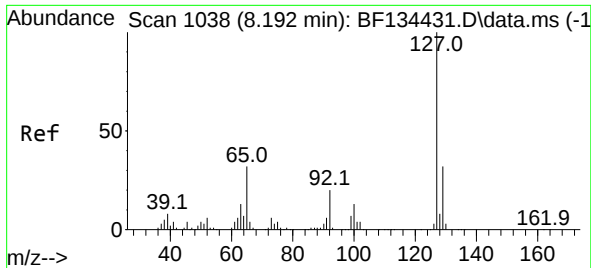
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#32
Benzoic acid
Concen: 20.961 ng m
RT: 7.869 min Scan# 983
Delta R.T. -0.024 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Tgt Ion:122 Resp: 35403
Ion Ratio Lower Upper
122 100
105 141.5 87.5 127.5#
77 106.7 71.4 111.4





#33
4-Chloroaniline
Concen: 20.929 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

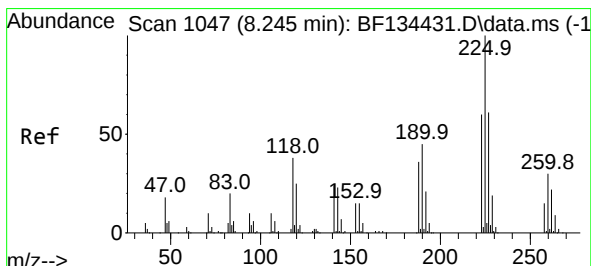
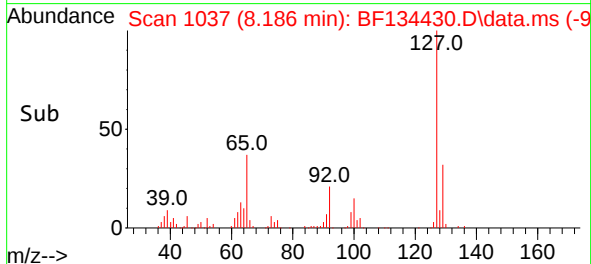
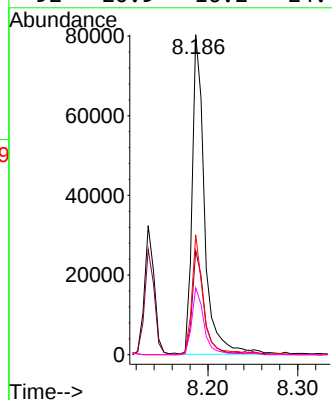
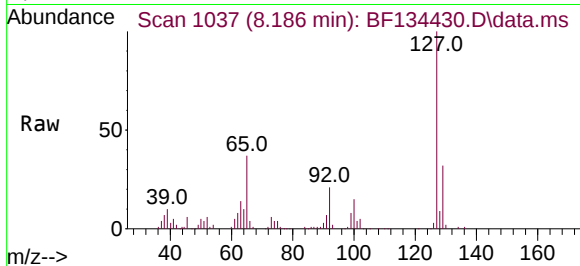
ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 77184
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4
65 37.4 25.4 38.0
92 20.9 16.2 24.4

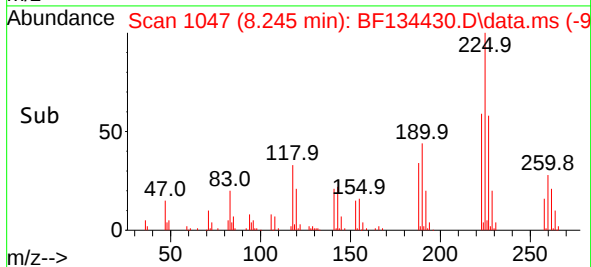
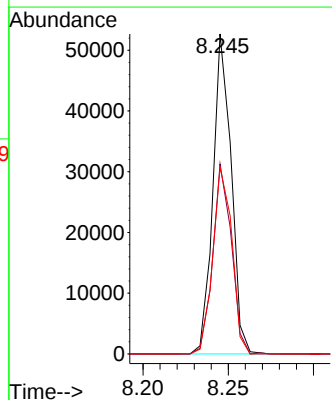
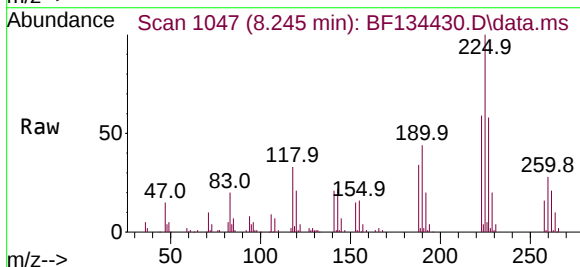
Manual Integrations
APPROVED

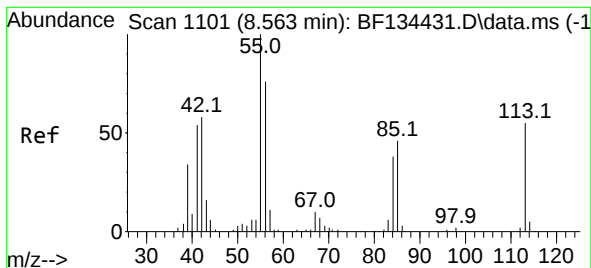
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#34
Hexachlorobutadiene
Concen: 21.141 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Tgt Ion:225 Resp: 39060
Ion Ratio Lower Upper
225 100
223 59.4 48.2 72.4
227 58.3 48.5 72.7





#35

Caprolactam

Concen: 19.855 ng

RT: 8.545 min Scan# 1109

Delta R.T. -0.018 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:113 Resp: 1549

Ion Ratio Lower Upper

113 100

55 175.8 161.5 201.5

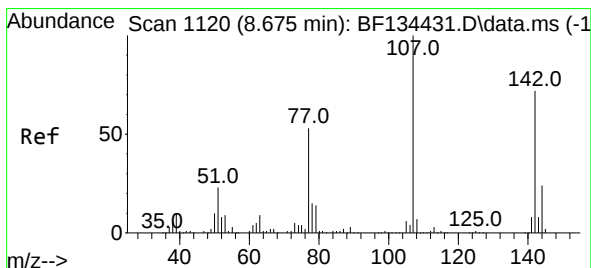
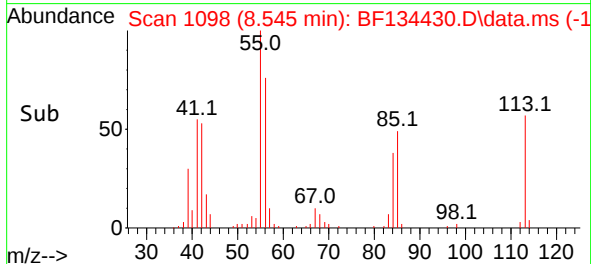
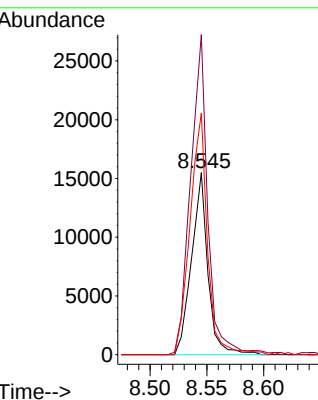
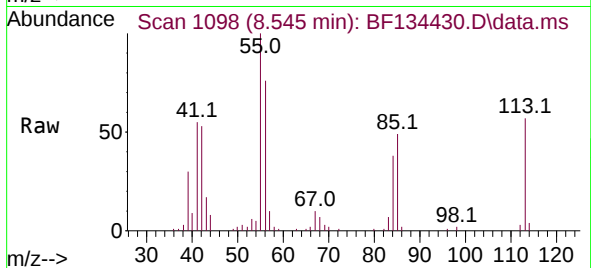
56 132.7 117.8 157.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#36

4-Chloro-3-methylphenol

Concen: 20.099 ng

RT: 8.669 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

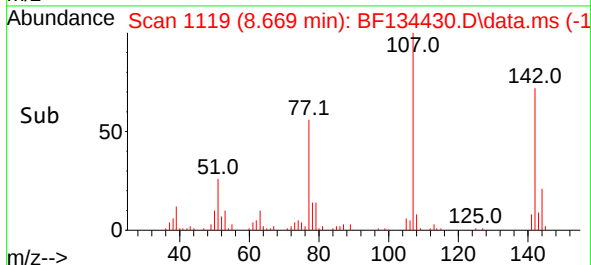
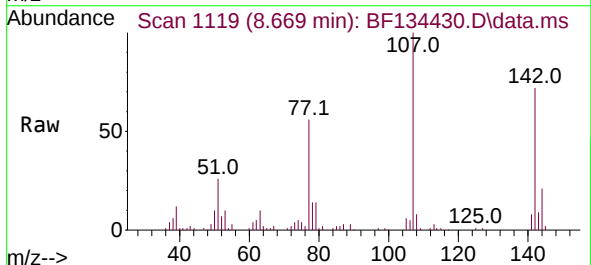
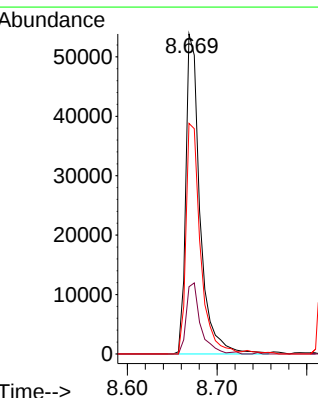
Tgt Ion:107 Resp: 59295

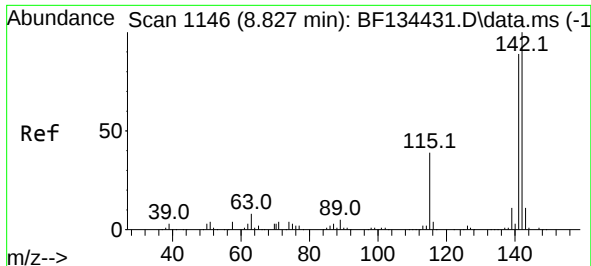
Ion Ratio Lower Upper

107 100

144 21.0 19.6 29.4

142 72.0 57.7 86.5





#37

2-Methylnaphthalene

Concen: 20.692 ng

RT: 8.827 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 12827

Ion Ratio Lower Upper

142 100

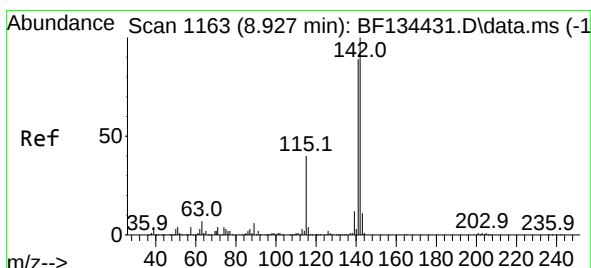
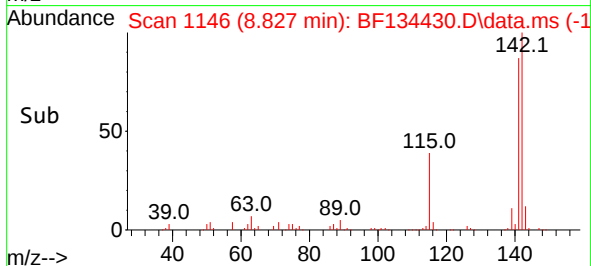
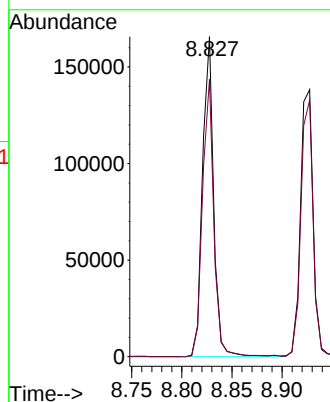
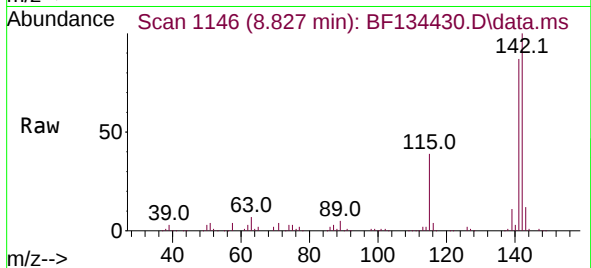
141 86.7 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#38

1-Methylnaphthalene

Concen: 20.993 ng

RT: 8.927 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF134430.D

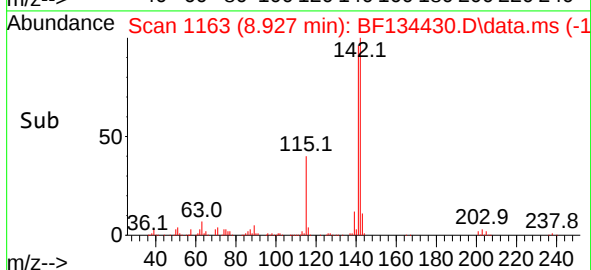
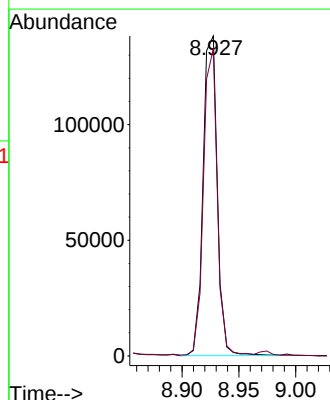
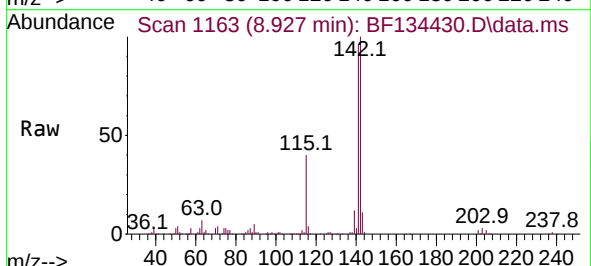
Acq: 24 Jul 2023 15:28

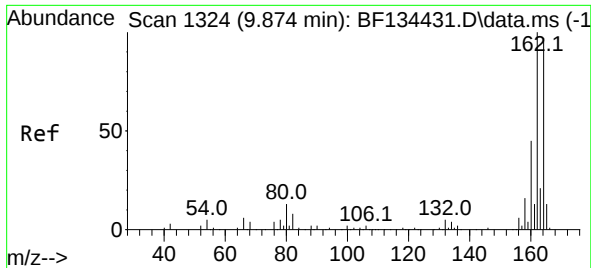
Tgt Ion:142 Resp: 120732

Ion Ratio Lower Upper

142 100

141 96.0 71.4 107.2





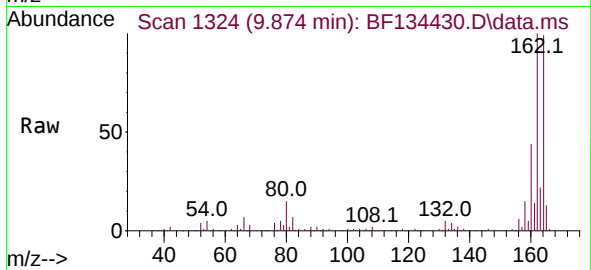
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

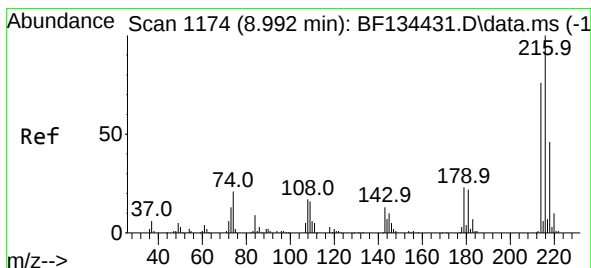
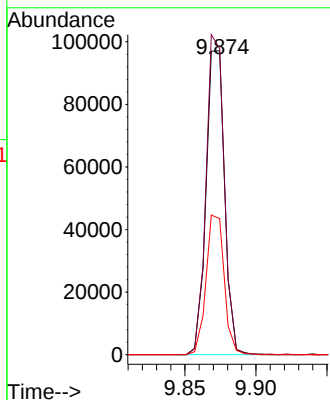
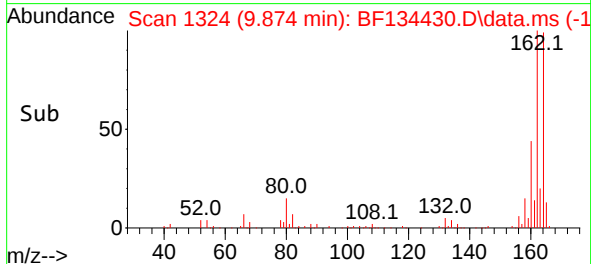


Tgt Ion:164 Resp: 88329
Ion Ratio Lower Upper
164 100
162 100.7 82.6 123.8
160 44.8 37.2 55.8

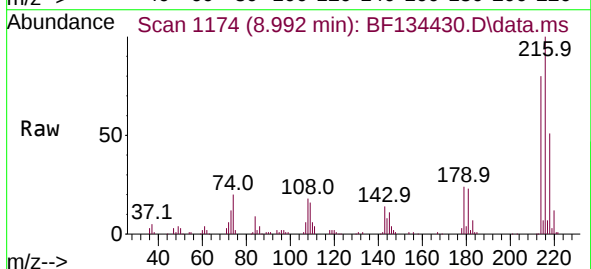
Manual Integrations

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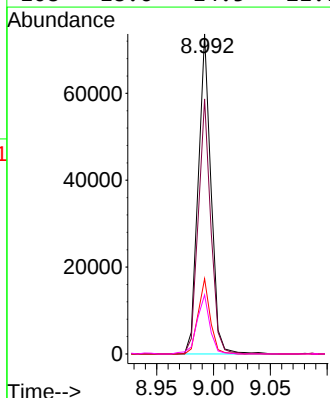
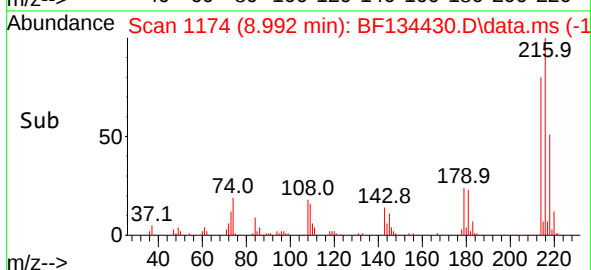
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

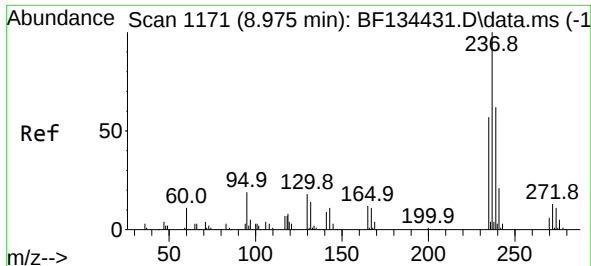


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.629 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28



Tgt Ion:216 Resp: 57745
Ion Ratio Lower Upper
216 100
214 78.1 62.3 93.5
179 22.0 17.4 26.0
108 18.6 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 19.775 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

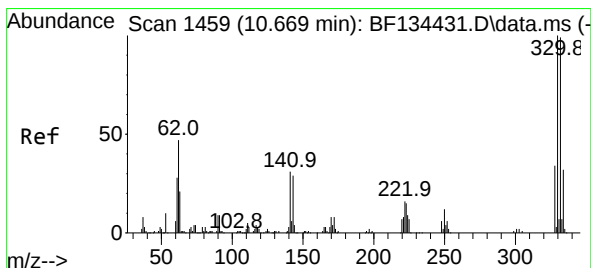
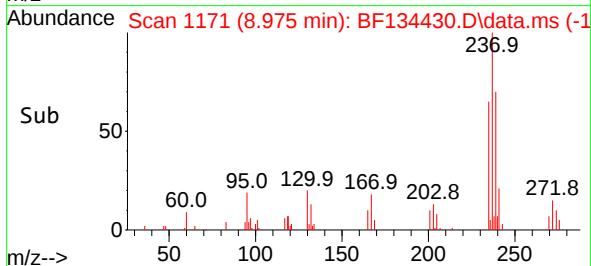
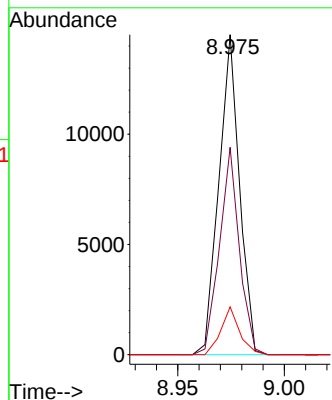
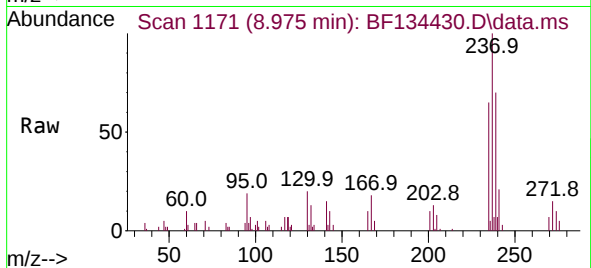
ClientSampleId :

SSTDIC020

Tgt Ion:237 Resp: 978
Ion Ratio Lower Upper
237 100
235 64.8 37.0 77.0
272 14.9 0.0 32.7

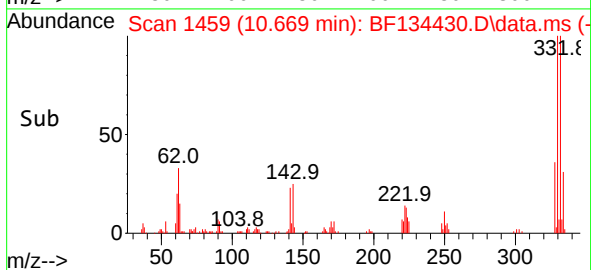
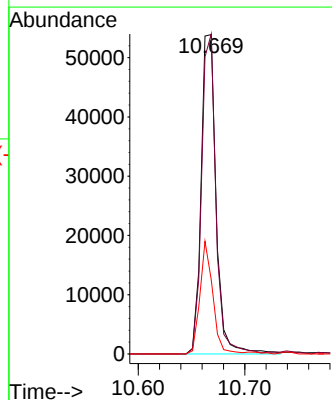
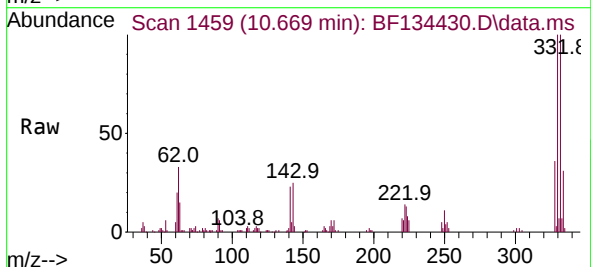
Manual Integrations
APPROVED

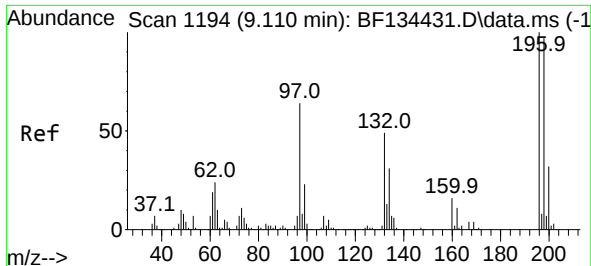
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#42
2,4,6-Tribromophenol
Concen: 42.280 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Tgt Ion:330 Resp: 53061
Ion Ratio Lower Upper
330 100
332 94.8 78.8 118.2
141 30.0 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 20.643 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF134430.D

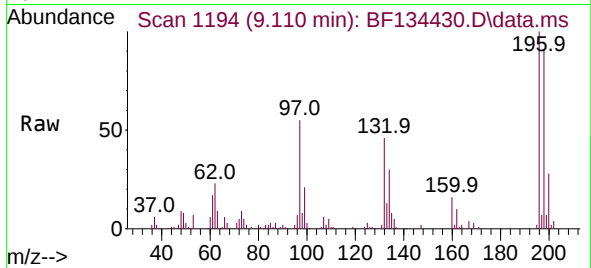
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 37069

Ion Ratio Lower Upper

196 100

198 91.2 77.4 116.2

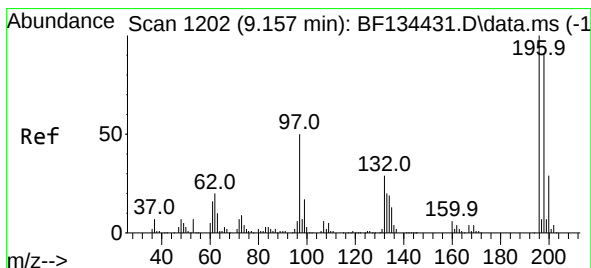
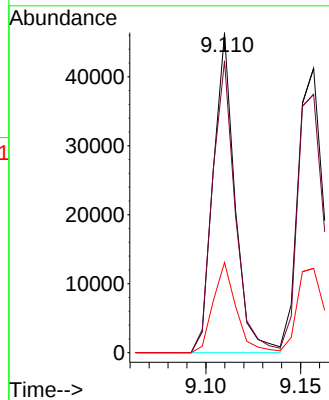
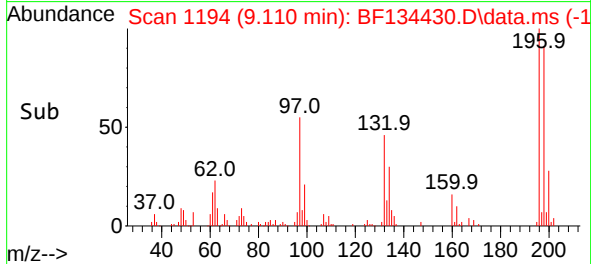
200 28.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#44

2,4,5-Trichlorophenol

Concen: 21.247 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Tgt Ion:196 Resp: 44452

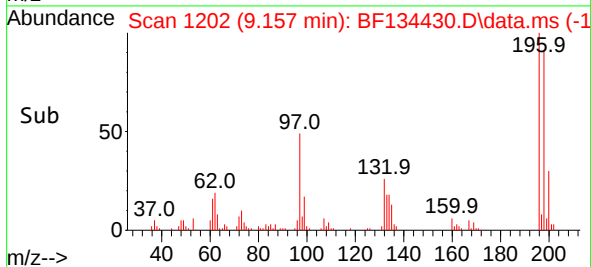
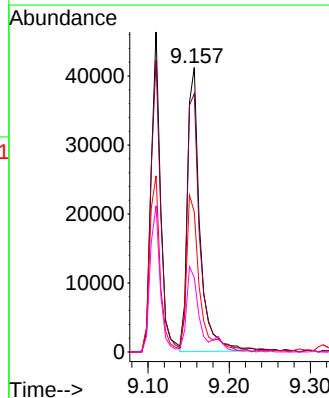
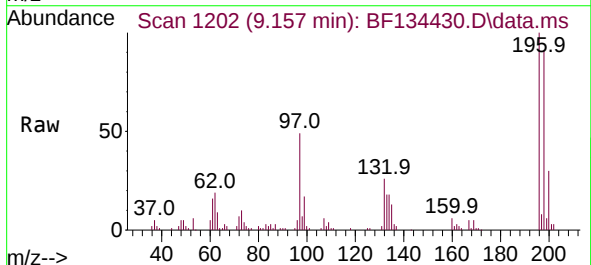
Ion Ratio Lower Upper

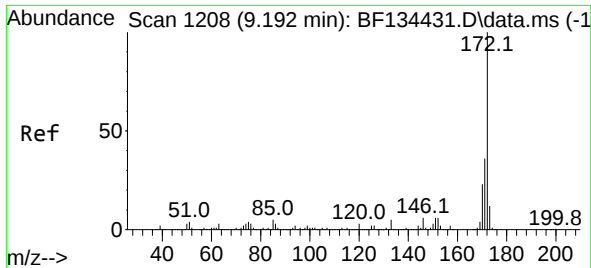
196 100

198 90.8 73.0 109.4

97 49.2 40.8 61.2

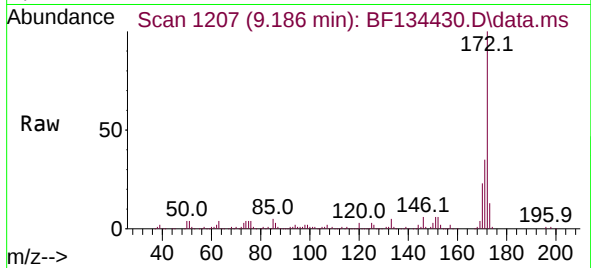
132 26.1 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 42.121 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

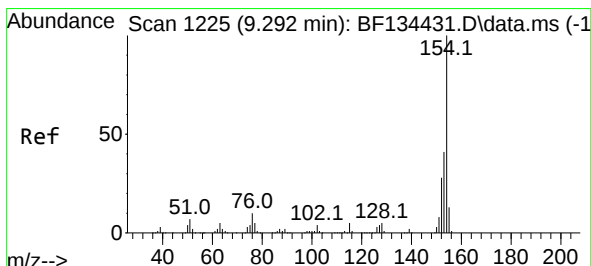
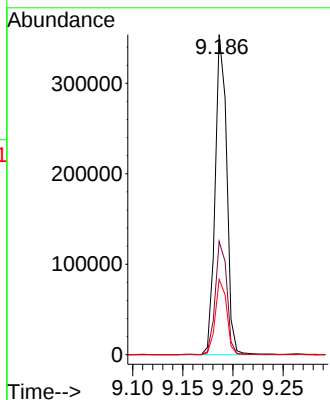
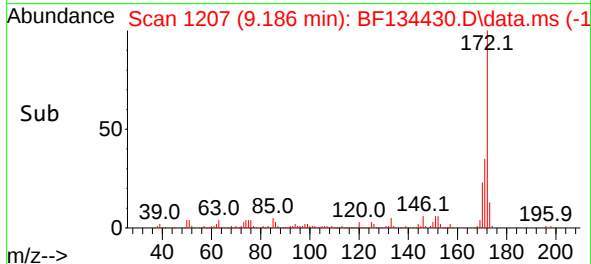
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 28340
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.5 18.7 28.1

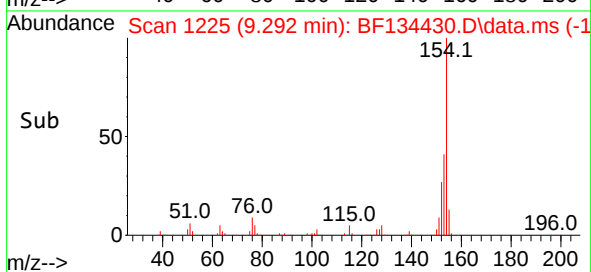
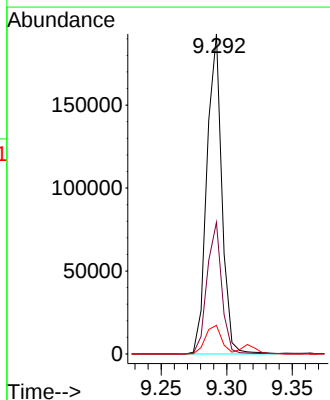
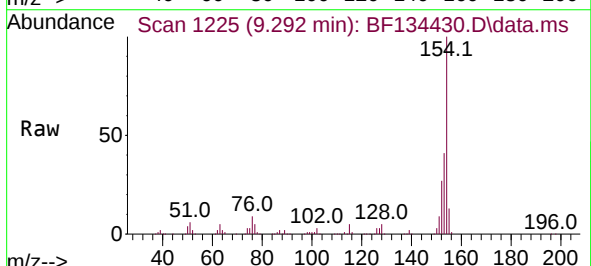
Manual Integrations
APPROVED

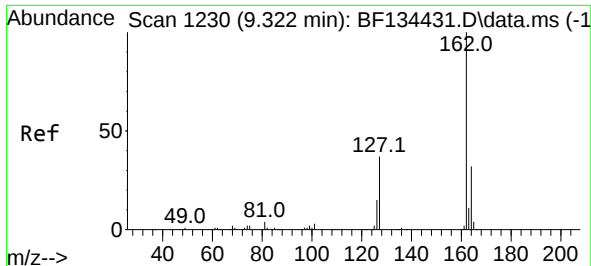
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#46
1,1'-Biphenyl
Concen: 21.050 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Tgt Ion:154 Resp: 153247
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 9.0 0.0 30.2





#47

2-Chloronaphthalene

Concen: 20.708 ng

RT: 9.316 min Scan# 111139

Delta R.T. -0.006 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 111139

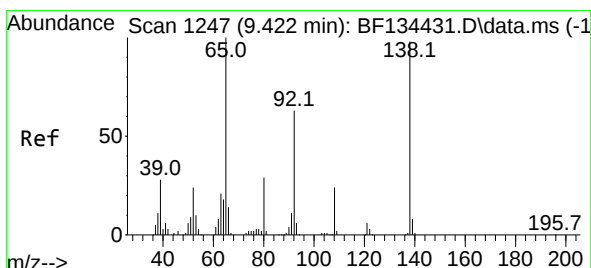
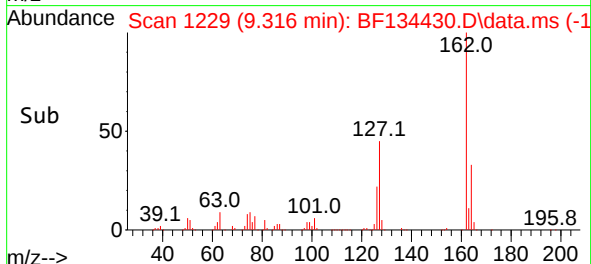
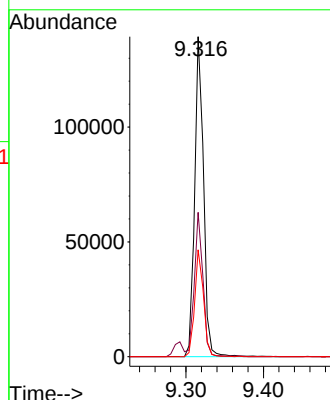
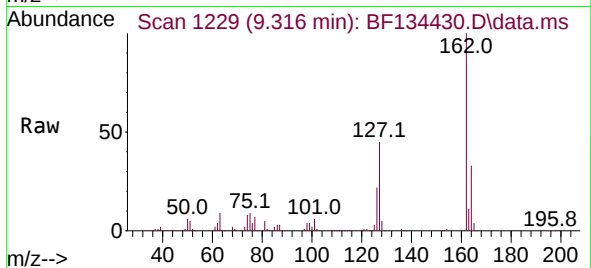
Ion	Ratio	Lower	Upper
162	100		
127	45.1	34.0	51.0
164	33.4	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#48

2-Nitroaniline

Concen: 20.154 ng

RT: 9.416 min Scan# 1246

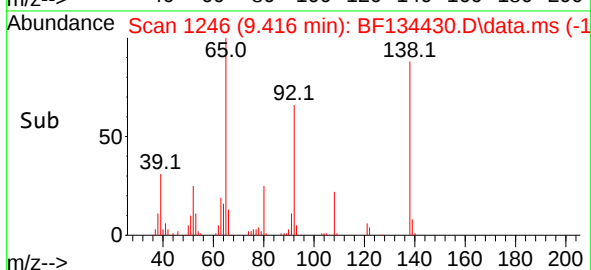
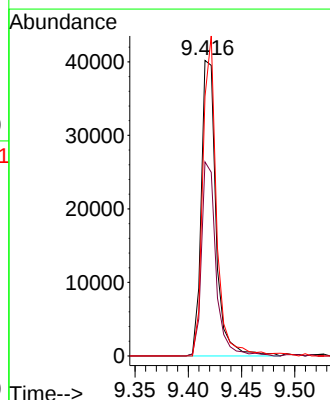
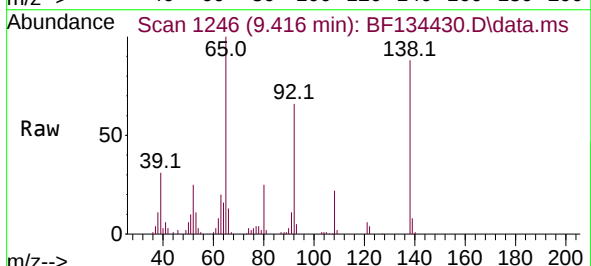
Delta R.T. -0.006 min

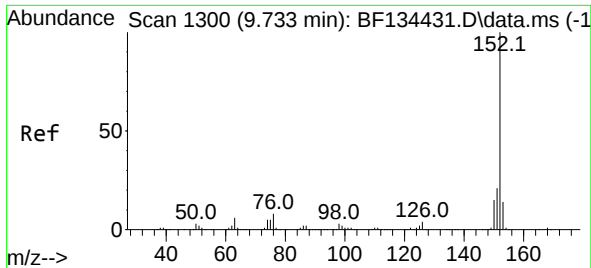
Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Tgt Ion: 65 Resp: 38955

Ion	Ratio	Lower	Upper
65	100		
92	65.7	50.7	76.1
138	87.8	78.2	117.4





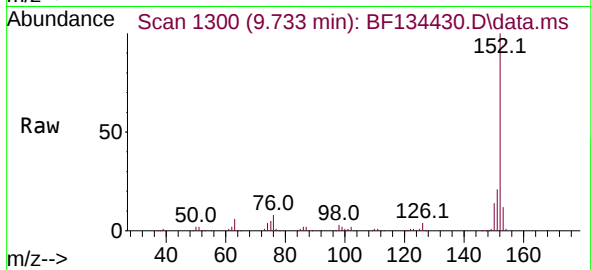
#49
Acenaphthylene
Concen: 20.958 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



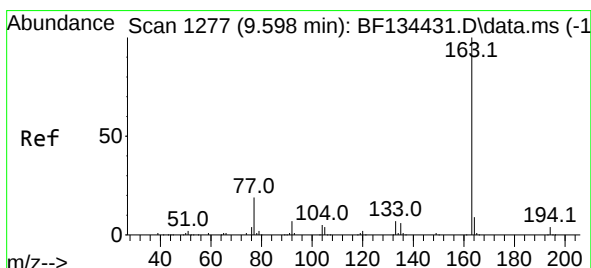
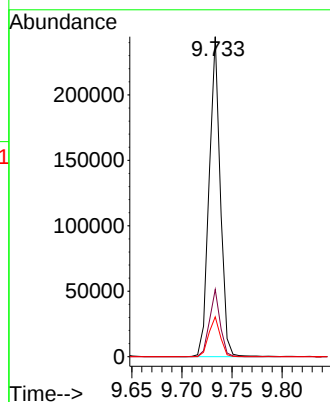
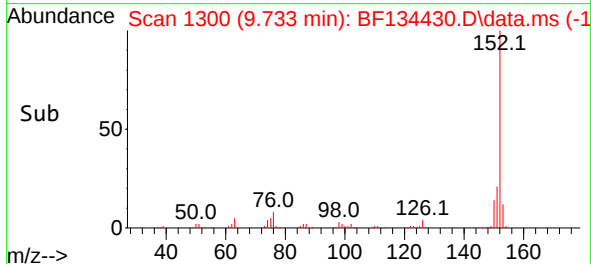
Tgt Ion:152 Resp: 19002
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 12.5 10.9 16.3

Manual Integrations

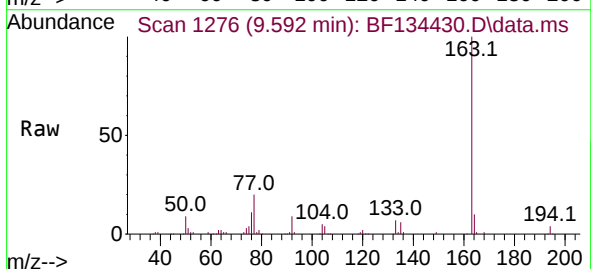
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

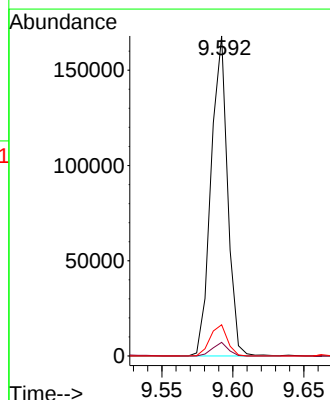
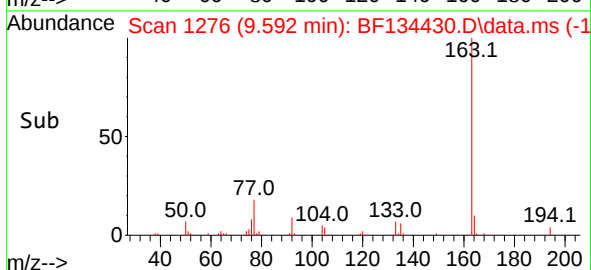
Supervised By :mohammad ahmed 07/25/2023

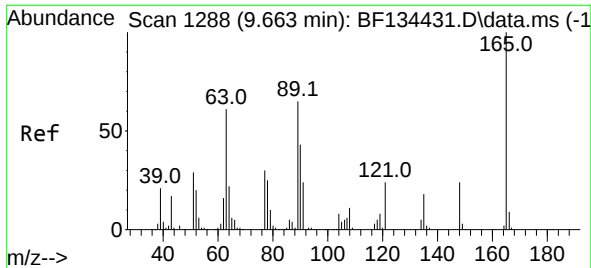


#50
Dimethylphthalate
Concen: 20.789 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28



Tgt Ion:163 Resp: 136120
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.7 7.5 11.3





#51
2,6-Dinitrotoluene
Concen: 20.389 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

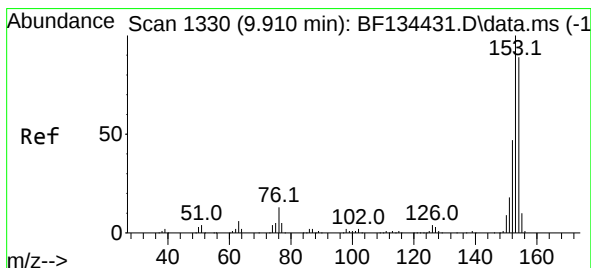
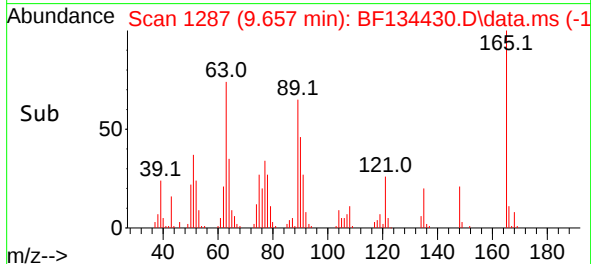
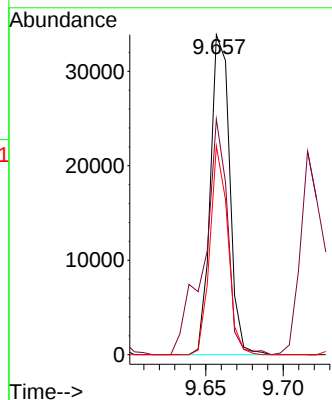
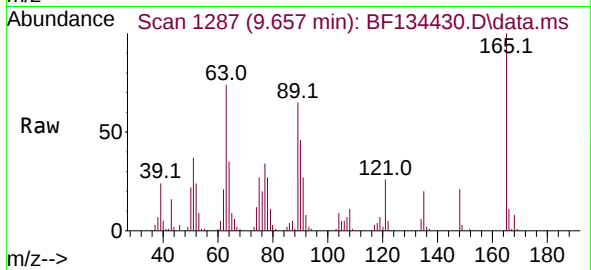
SSTDICC020

Tgt Ion:165 Resp: 29294
Ion Ratio Lower Upper
165 100
63 73.6 57.8 86.6
89 65.2 51.8 77.8

Manual Integrations

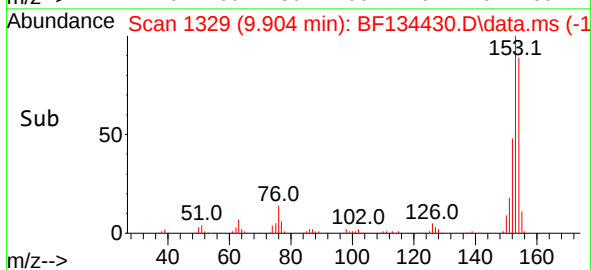
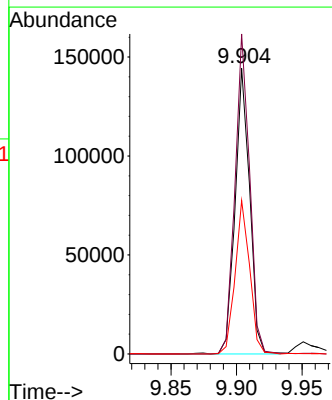
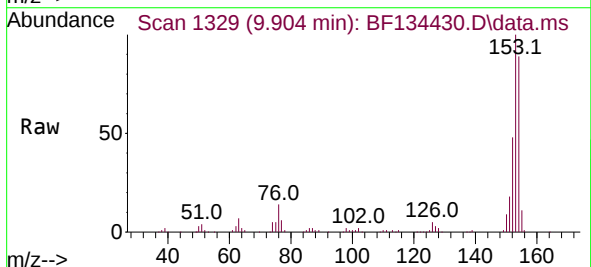
APPROVED

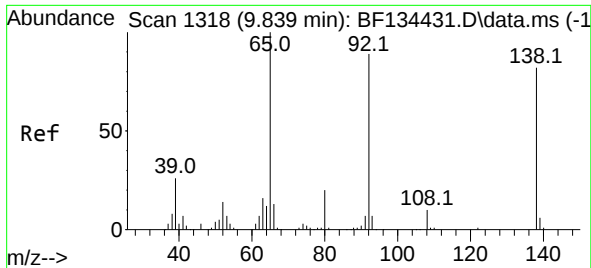
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#52
Acenaphthene
Concen: 20.850 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Tgt Ion:154 Resp: 111676
Ion Ratio Lower Upper
154 100
153 112.0 90.0 135.0
152 53.7 42.4 63.6





#53
3-Nitroaniline
Concen: 21.533 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

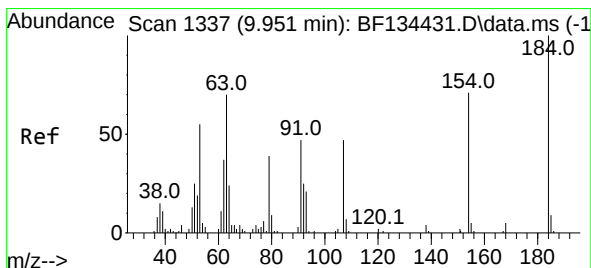
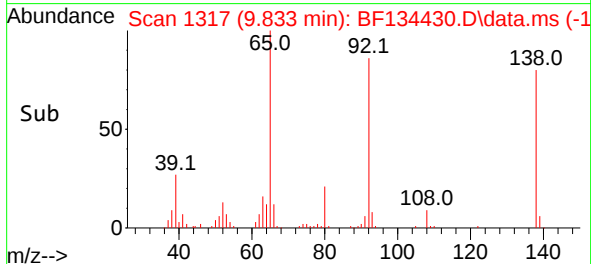
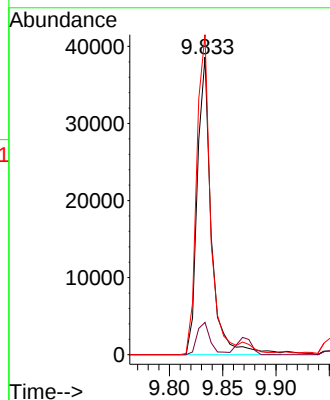
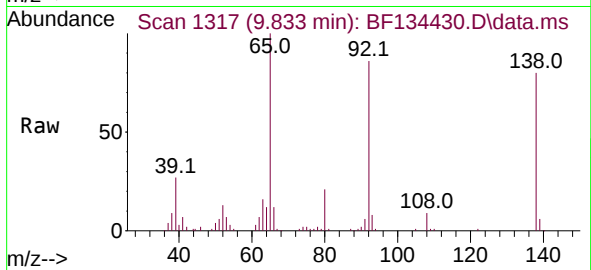
ClientSampleId :

SSTDICC020

Tgt Ion:138 Resp: 3547
Ion Ratio Lower Upper
138 100
108 10.8 9.3 13.9
92 107.5 86.6 129.8

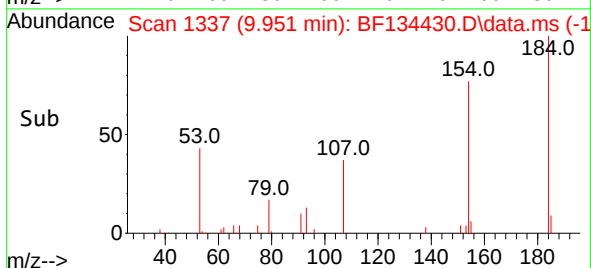
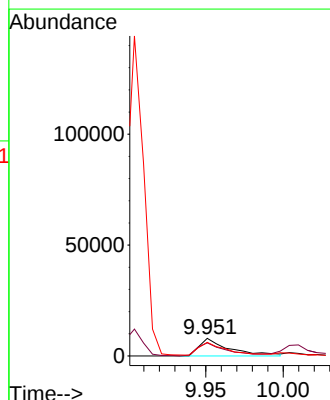
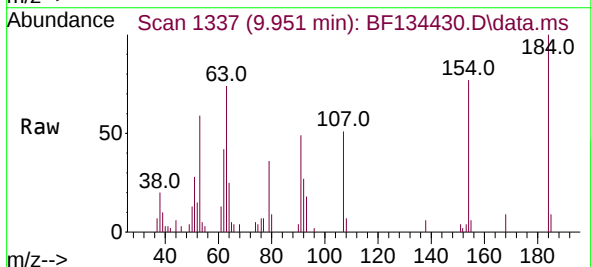
Manual Integrations
APPROVED

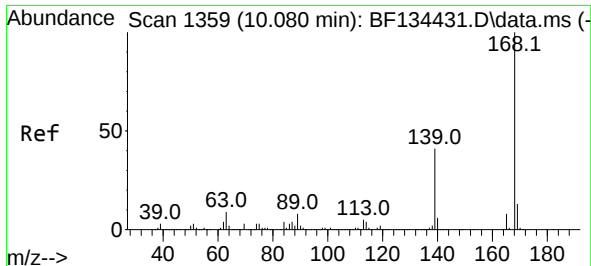
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#54
2,4-Dinitrophenol
Concen: 19.672 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

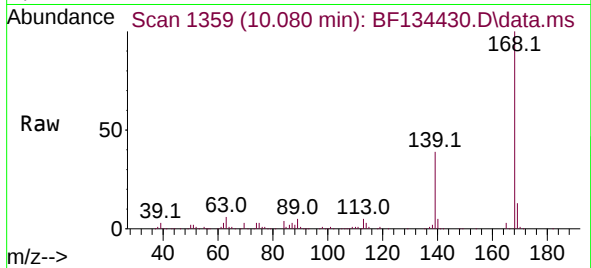
Tgt Ion:184 Resp: 10760
Ion Ratio Lower Upper
184 100
63 74.4 57.1 85.7
154 77.5 59.1 88.7





#55
Dibenzenofuran
Concen: 21.396 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

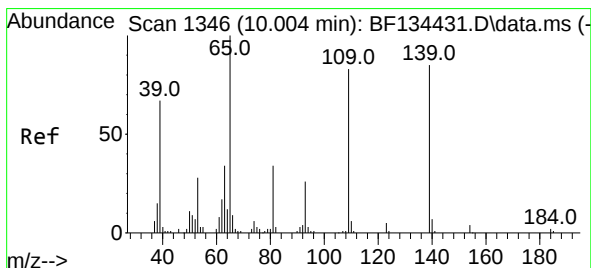
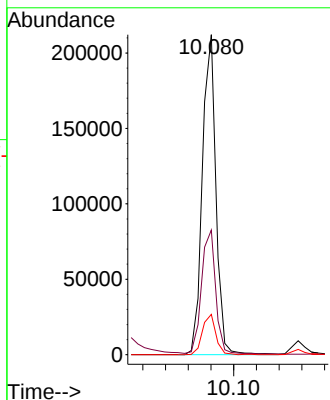
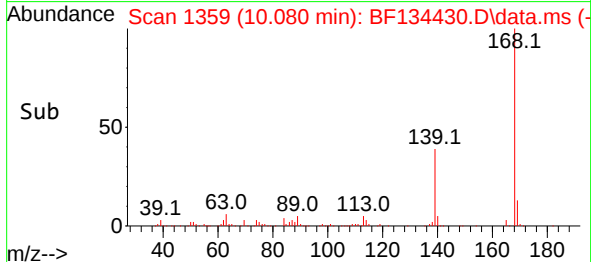
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



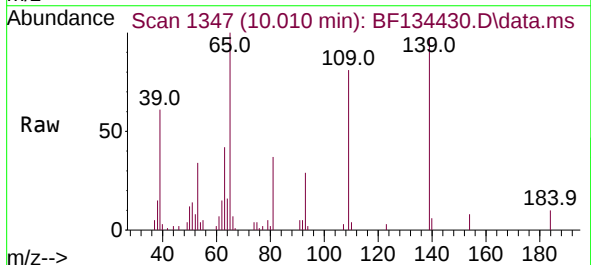
Tgt Ion:168 Resp: 17638
Ion Ratio Lower Upper
168 100
139 39.0 33.4 50.2
169 12.6 10.6 15.8

Manual Integrations
APPROVED

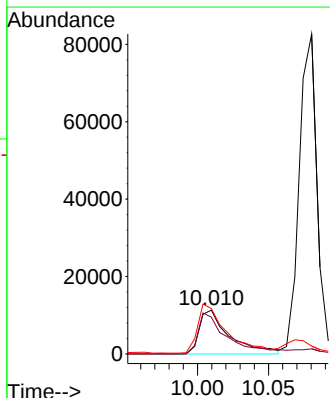
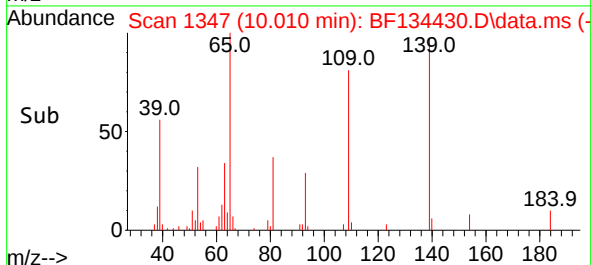
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

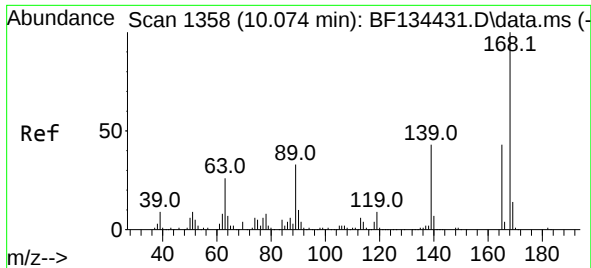


#56
4-Nitrophenol
Concen: 18.965 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28



Tgt Ion:139 Resp: 16660
Ion Ratio Lower Upper
139 100
109 83.9 76.9 116.9
65 103.6 98.5 138.5





#57
2,4-Dinitrotoluene
Concen: 20.621 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

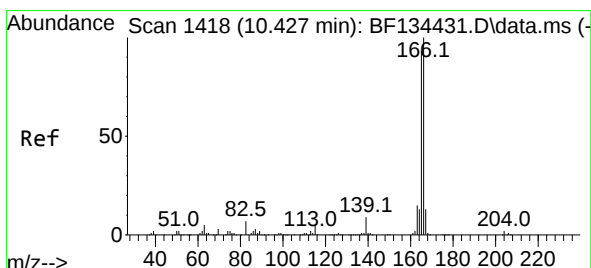
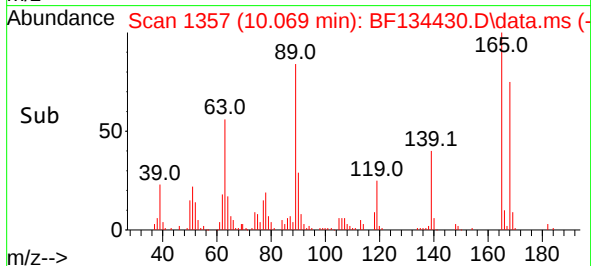
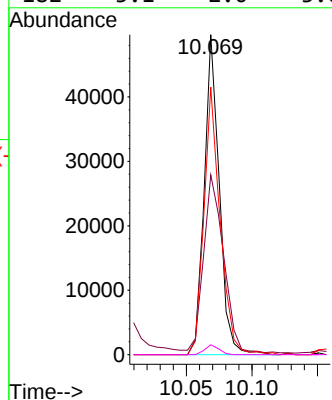
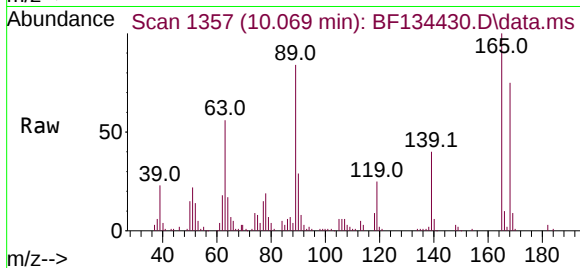
SSTDICC020

Tgt Ion:165 Resp: 3979
Ion Ratio Lower Upper
165 100
63 56.2 48.9 73.3
89 83.6 61.7 92.5
182 3.1 2.0 3.0#

Manual Integrations

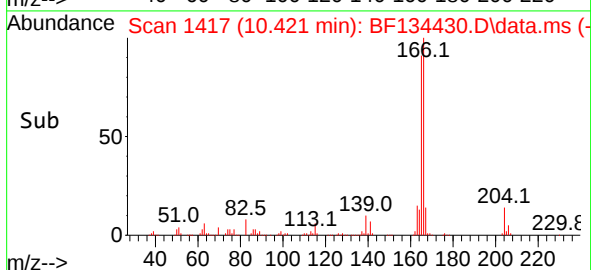
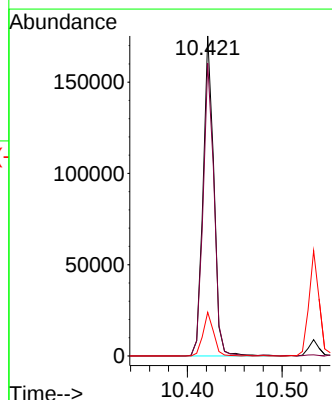
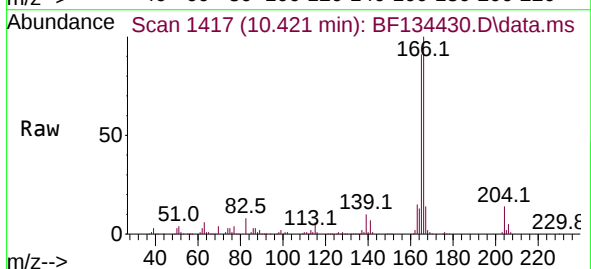
APPROVED

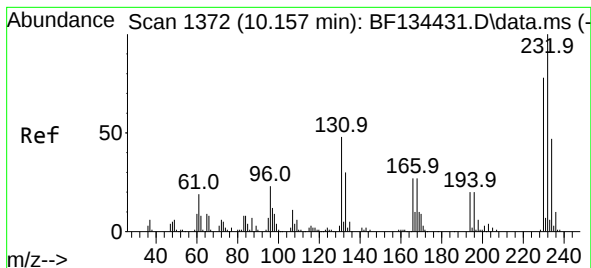
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#58
Fluorene
Concen: 20.765 ng
RT: 10.421 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

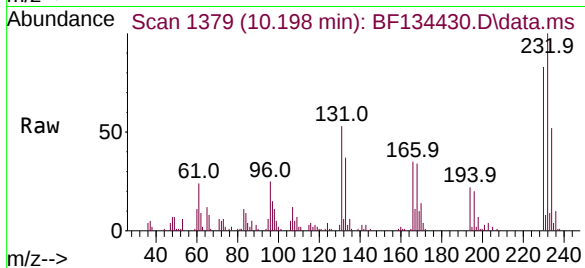
Tgt Ion:166 Resp: 138096
Ion Ratio Lower Upper
166 100
165 91.5 74.5 111.7
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 19.462 ng m
RT: 10.198 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

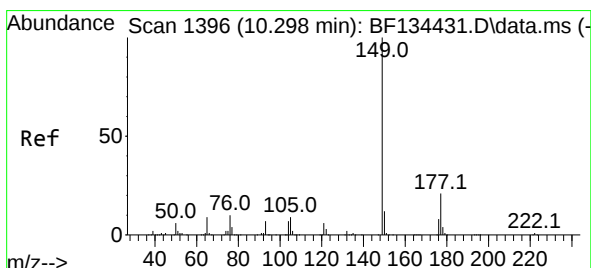
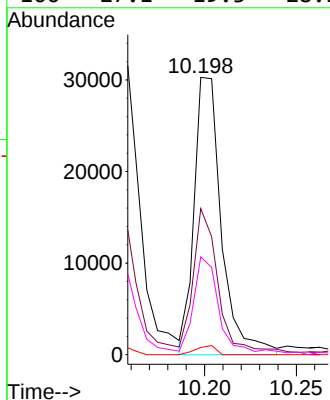
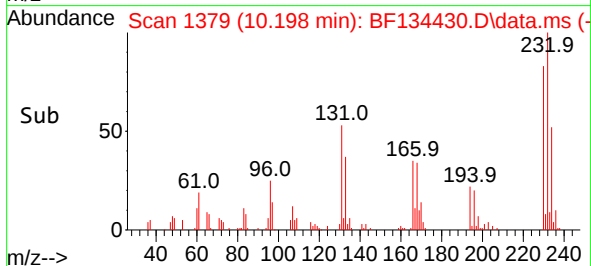
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 3140
Ion Ratio Lower Upper
232 100
131 43.0 33.4 50.0
130 2.2 1.8 2.6
166 27.1 19.3 28.9

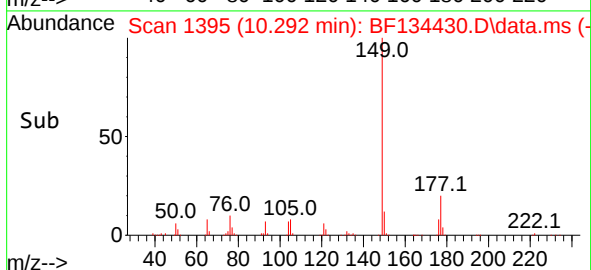
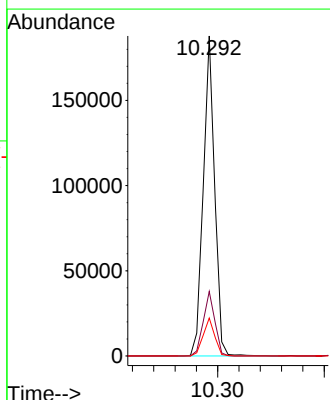
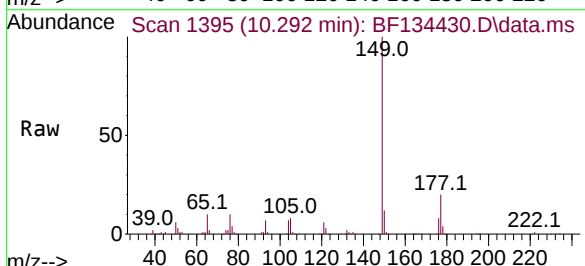
Manual Integrations
APPROVED

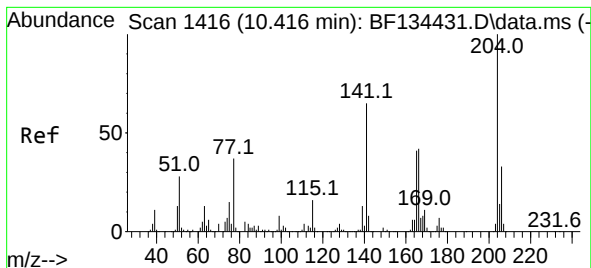
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#60
Diethylphthalate
Concen: 20.600 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

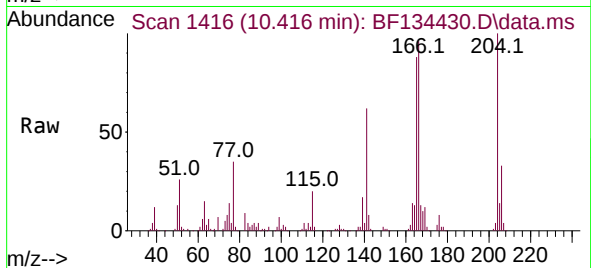
Tgt Ion:149 Resp: 139654
Ion Ratio Lower Upper
149 100
177 20.1 17.0 25.4
150 11.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 21.282 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

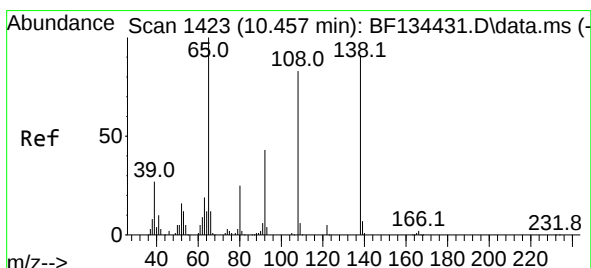
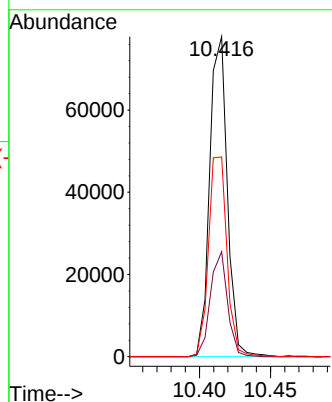
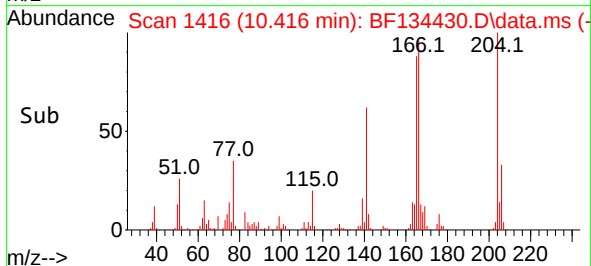
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 67610
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 62.4 52.2 78.4

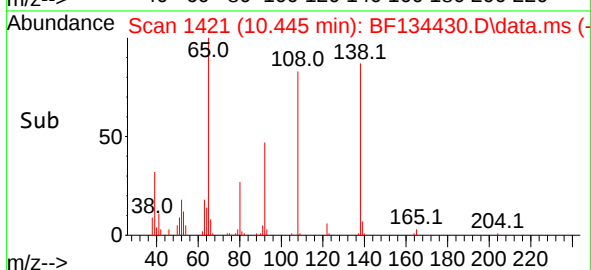
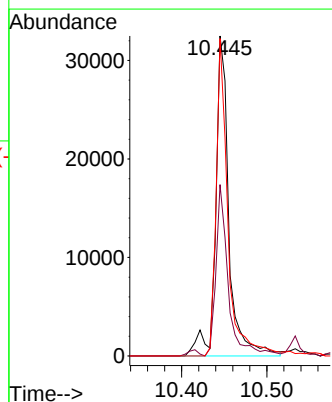
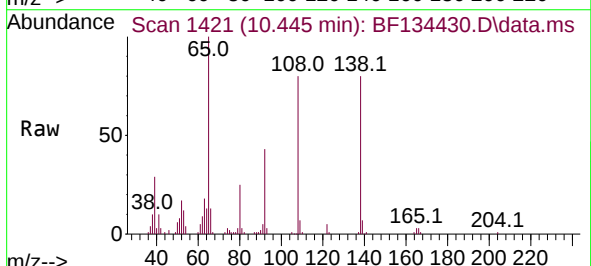
Manual Integrations
APPROVED

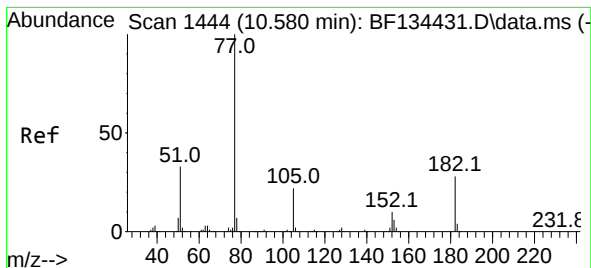
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#62
4-Nitroaniline
Concen: 20.847 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

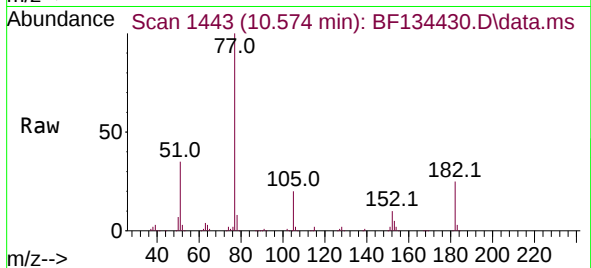
Tgt Ion:138 Resp: 35220
Ion Ratio Lower Upper
138 100
92 53.5 27.0 67.0
108 99.2 70.4 110.4





#63
Azobenzene
Concen: 20.444 ng
RT: 10.574 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

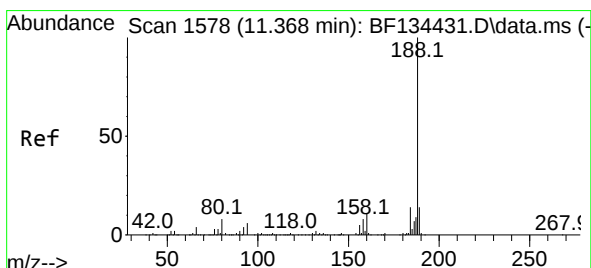
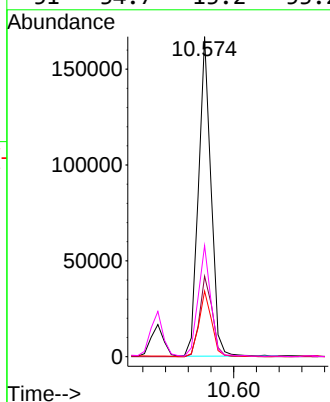
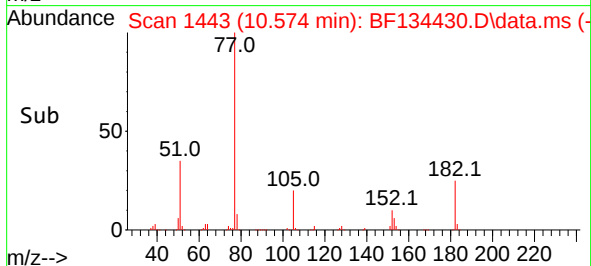
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



Tgt Ion: 77 Resp: 127572
Ion Ratio Lower Upper
77 100
182 25.2 7.5 47.5
105 20.5 1.9 41.9
51 34.7 13.2 53.2

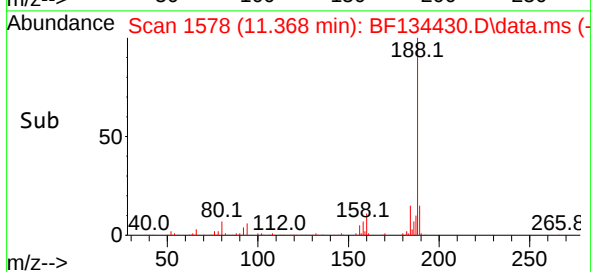
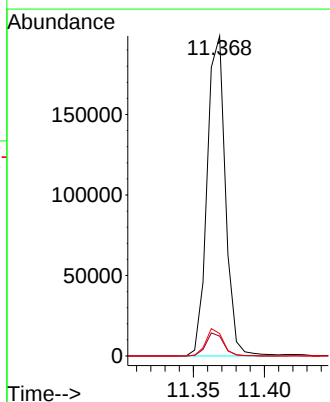
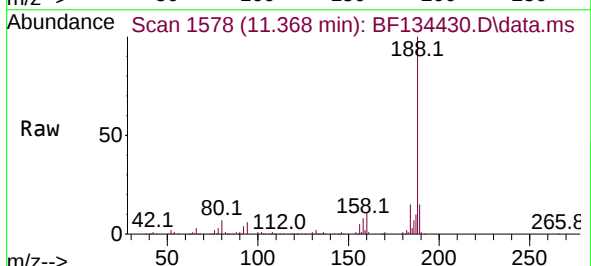
Manual Integrations
APPROVED

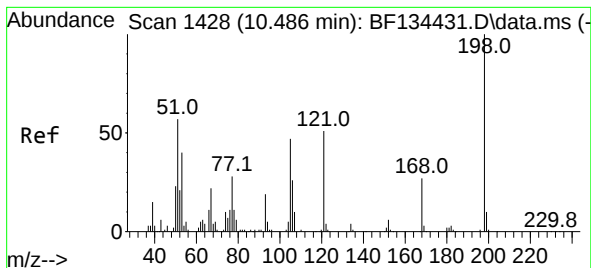
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

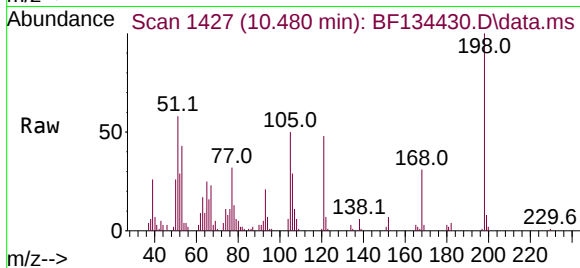
Tgt Ion:188 Resp: 178575
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.0 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 19.768 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

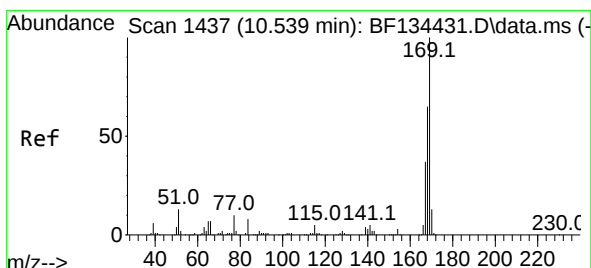
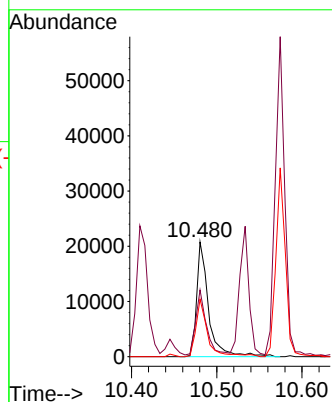
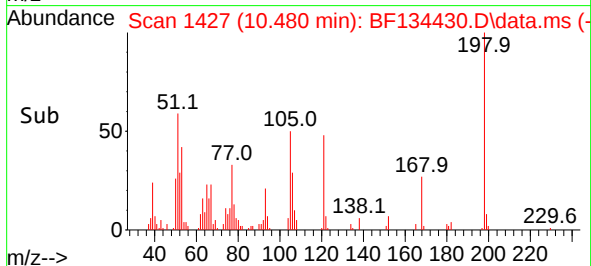
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



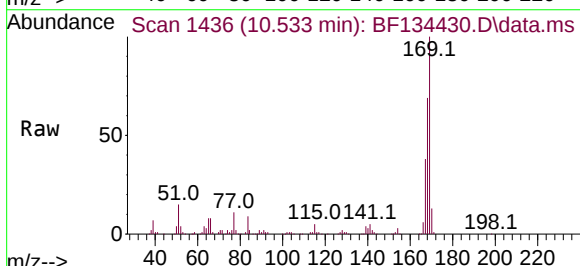
Tgt Ion:198 Resp: 20249
Ion Ratio Lower Upper
198 100
51 58.1 38.6 78.6
105 50.0 27.9 67.9

Manual Integrations
APPROVED

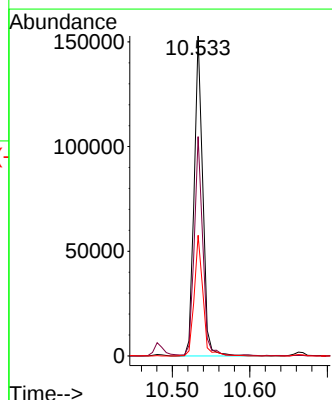
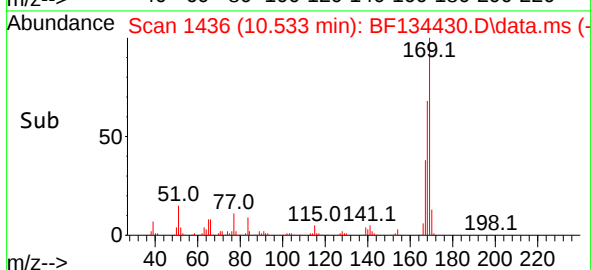
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

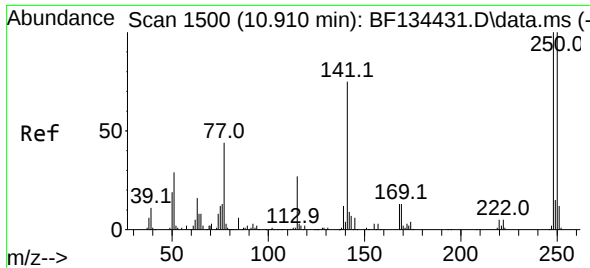


#66
n-Nitrosodiphenylamine
Concen: 20.811 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28



Tgt Ion:169 Resp: 118238
Ion Ratio Lower Upper
169 100
168 68.5 52.6 78.8
167 37.7 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 20.938 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

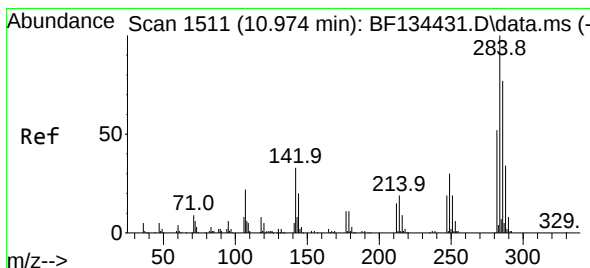
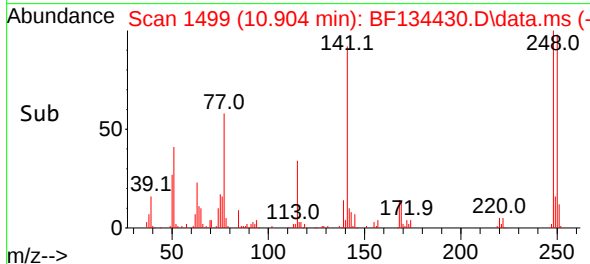
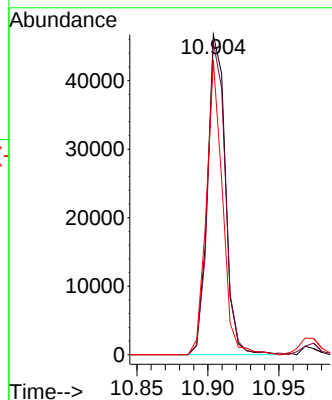
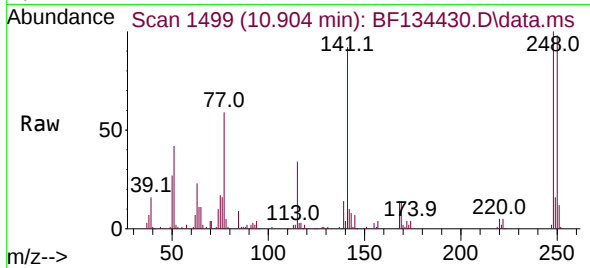
SSTDICC020

Tgt Ion:248 Resp: 40960
Ion Ratio Lower Upper
248 100
250 97.6 79.6 119.4
141 92.0 59.6 89.4

Manual Integrations

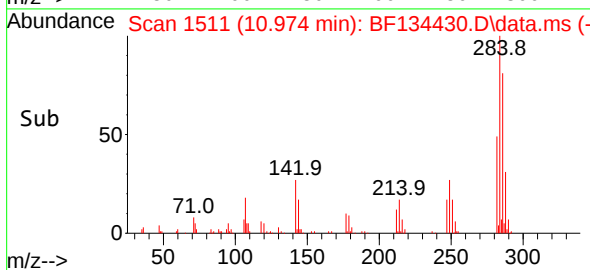
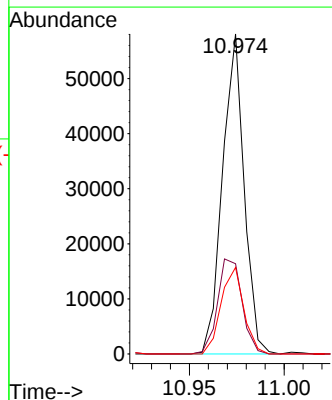
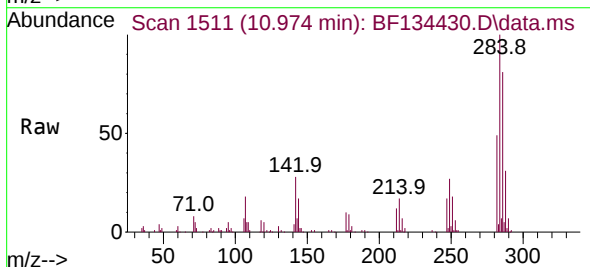
APPROVED

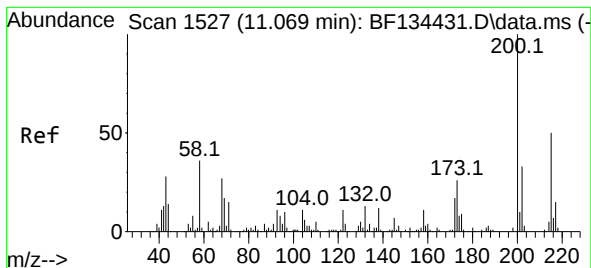
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#68
Hexachlorobenzene
Concen: 20.902 ng
RT: 10.974 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Tgt Ion:284 Resp: 46051
Ion Ratio Lower Upper
284 100
142 28.2 26.5 39.7
249 27.1 23.8 35.8





#69

Atrazine

Concen: 21.094 ng

RT: 11.063 min Scan# 1526

Delta R.T. -0.006 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

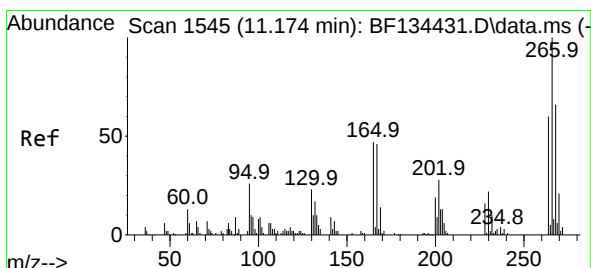
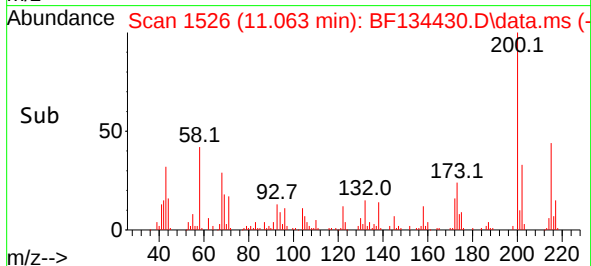
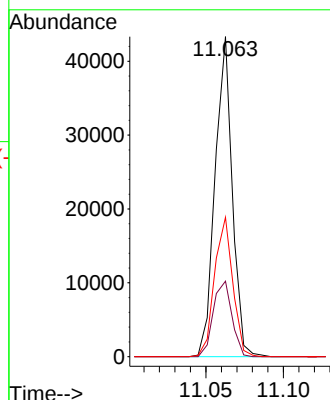
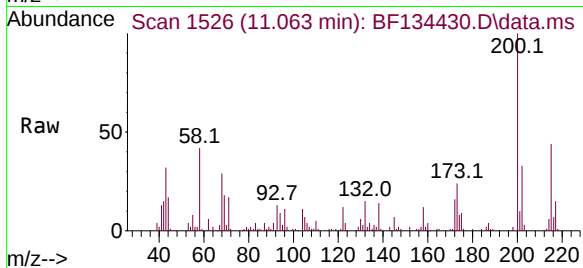
Tgt Ion:200	Resp:	3341
Ion Ratio	Lower	Upper
200	100	
173	23.6	6.1 46.1
215	43.6	29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#70

Pentachlorophenol

Concen: 18.534 ng

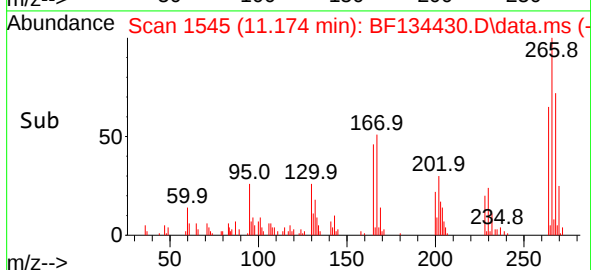
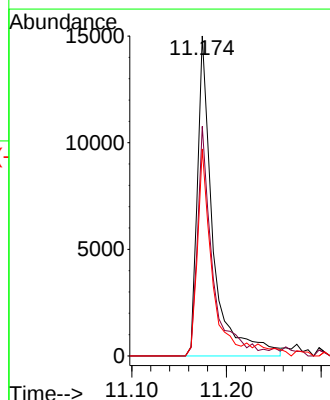
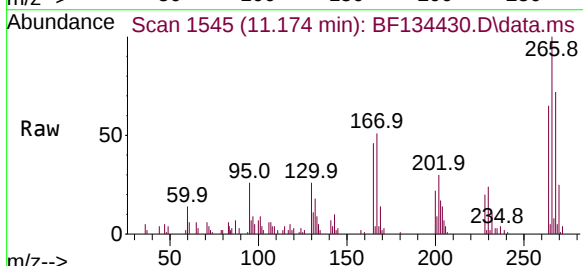
RT: 11.174 min Scan# 1545

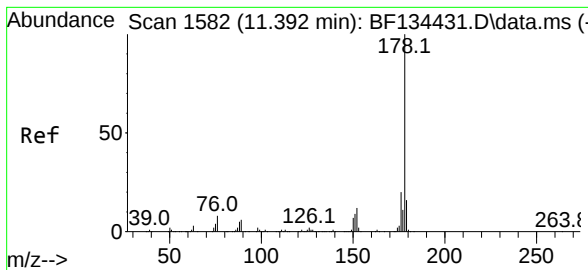
Delta R.T. 0.000 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Tgt Ion:266	Resp:	17137
Ion Ratio	Lower	Upper
266	100	
268	71.8	52.9 79.3
264	64.7	47.8 71.6





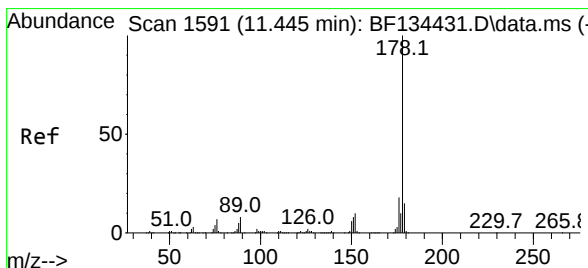
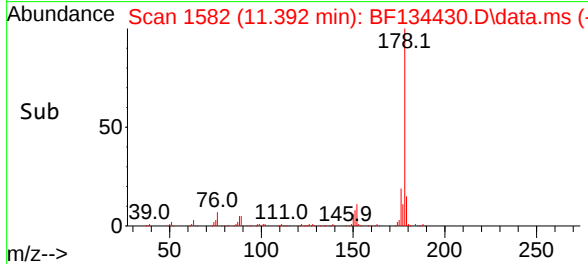
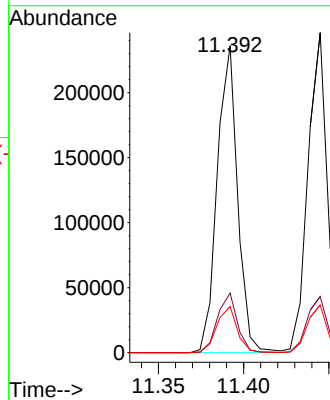
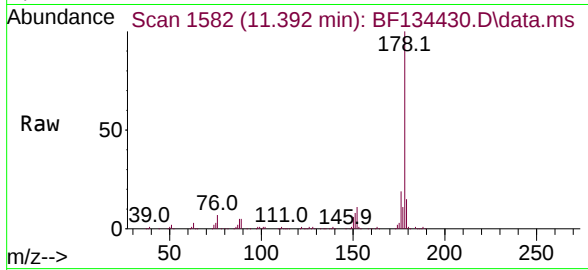
#71
Phenanthrene
Concen: 21.080 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 196683
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.1 12.7 19.1

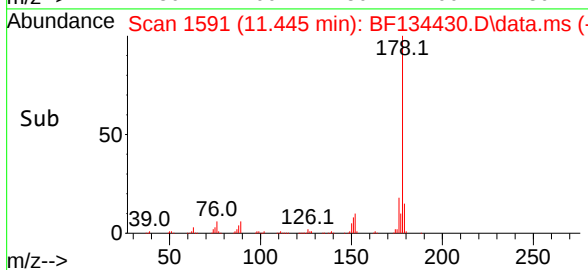
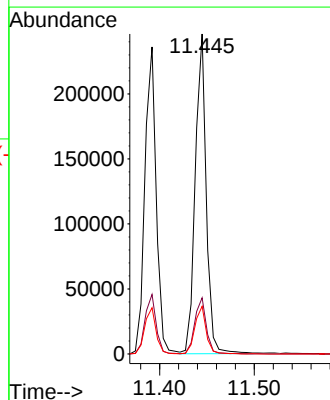
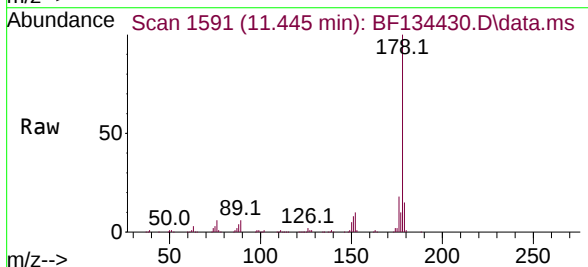
Manual Integrations
APPROVED

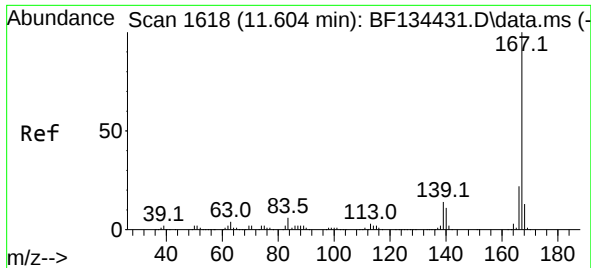
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#72
Anthracene
Concen: 20.747 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Tgt Ion:178 Resp: 199792
Ion Ratio Lower Upper
178 100
176 17.5 14.6 21.8
179 14.9 12.3 18.5





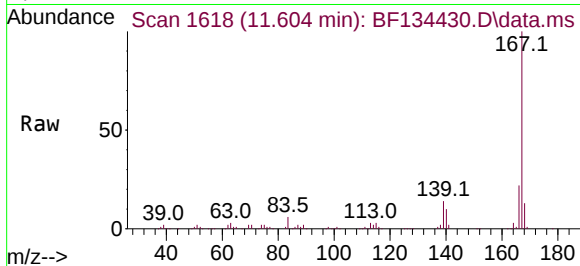
#73
 Carbazole
 Concen: 20.812 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF134430.D
 Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



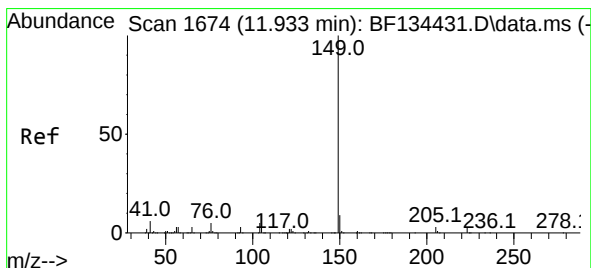
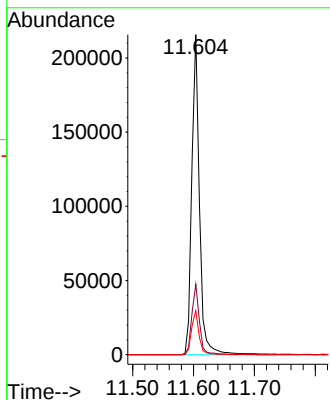
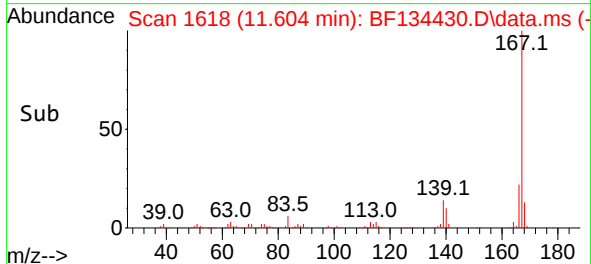
Tgt Ion:167 Resp: 188724
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.7 11.0 16.4

Manual Integrations

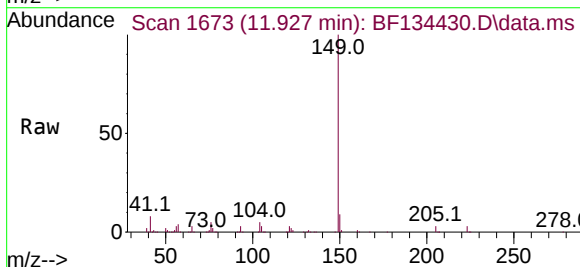
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

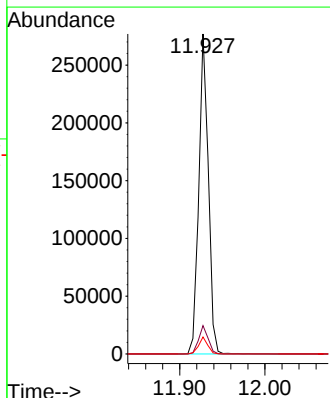
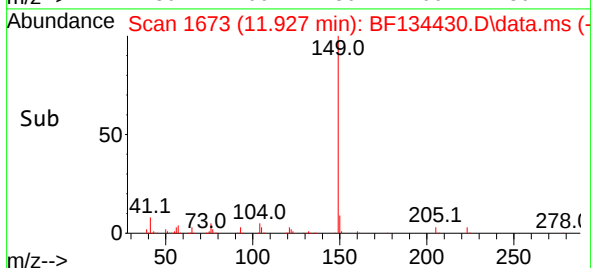
Supervised By :mohammad ahmed 07/25/2023

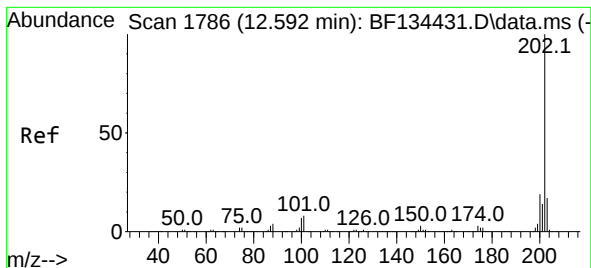


#74
 Di-n-butylphthalate
 Concen: 20.670 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BF134430.D
 Acq: 24 Jul 2023 15:28



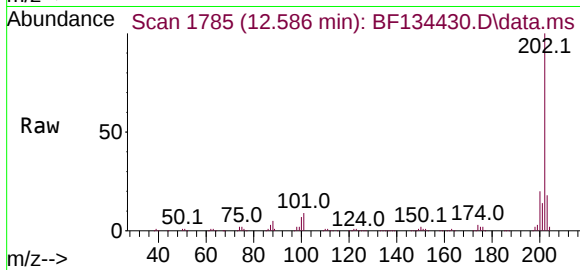
Tgt Ion:149 Resp: 215165
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.2 10.8
 104 5.3 3.8 5.8





#75
Fluoranthene
Concen: 20.634 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

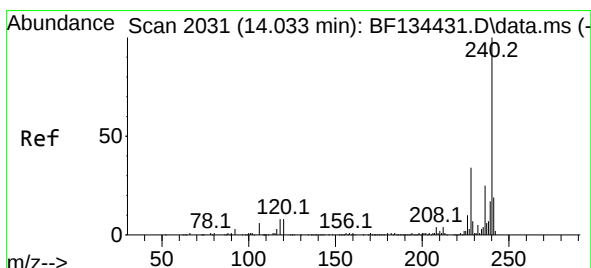
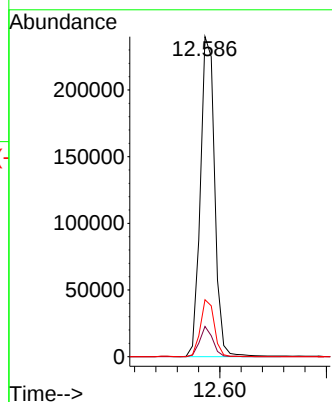
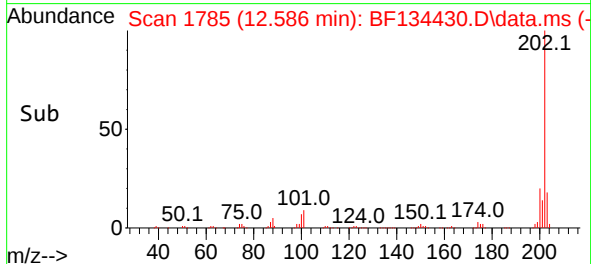
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



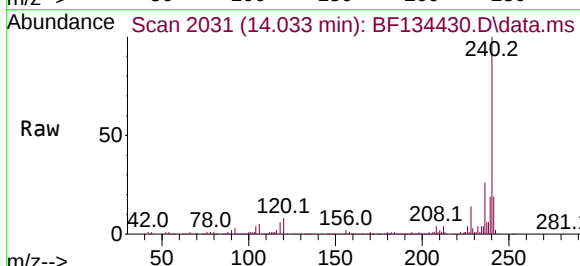
Tgt Ion:202 Resp: 22437
Ion Ratio Lower Upper
202 100
101 9.5 0.0 28.5
203 17.8 0.0 37.5

Manual Integrations
APPROVED

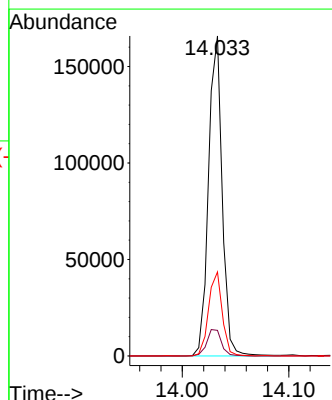
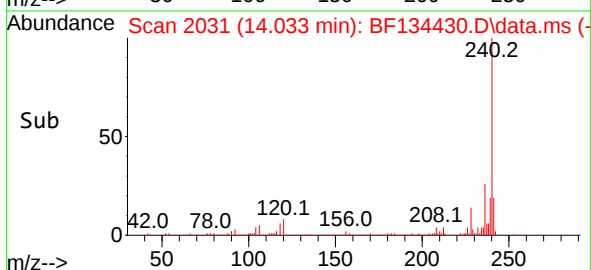
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

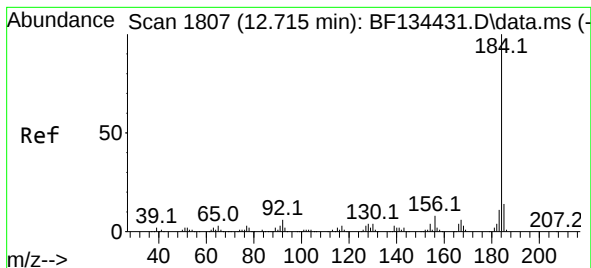


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28



Tgt Ion:240 Resp: 148098
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 26.2 20.2 30.2





#77

Benzidine

Concen: 20.383 ng

RT: 12.715 min Scan# 1807

Delta R.T. 0.000 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

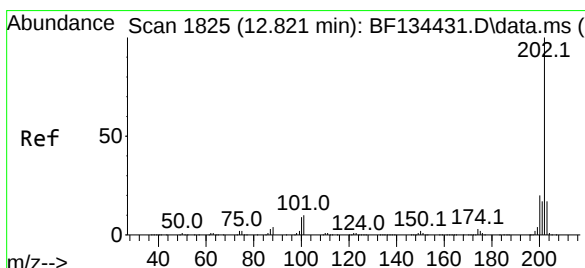
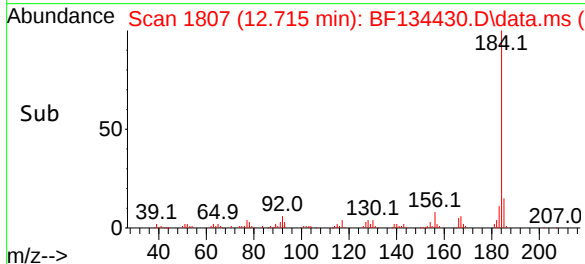
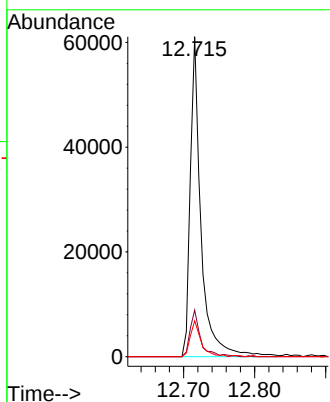
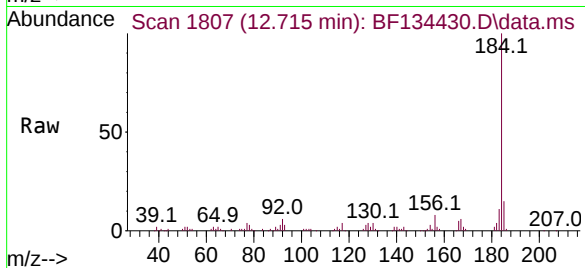
Tgt Ion:184	Resp:	64450
Ion Ratio	Lower	Upper
184	100	
185	14.5	11.2 16.8
183	11.2	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#78

Pyrene

Concen: 20.165 ng

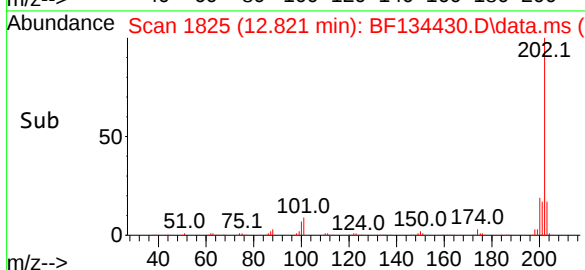
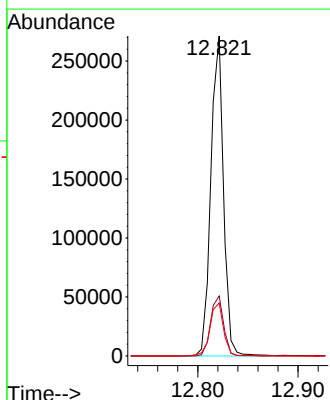
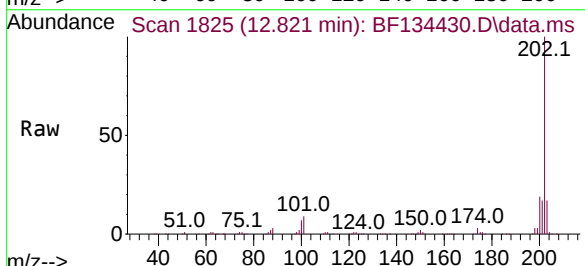
RT: 12.821 min Scan# 1825

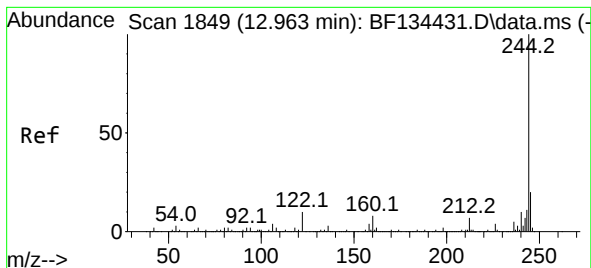
Delta R.T. -0.000 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Tgt Ion:202	Resp:	237451
Ion Ratio	Lower	Upper
202	100	
200	18.8	15.8 23.8
203	16.6	13.5 20.3





#79

Terphenyl-d14

Concen: 40.717 ng

RT: 12.962 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BF134430.D

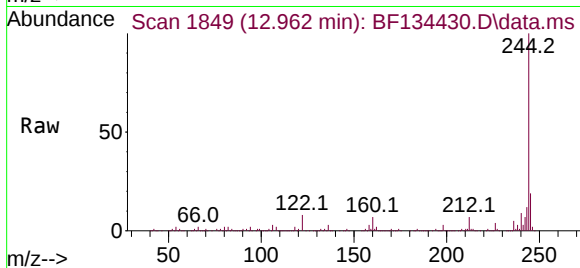
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

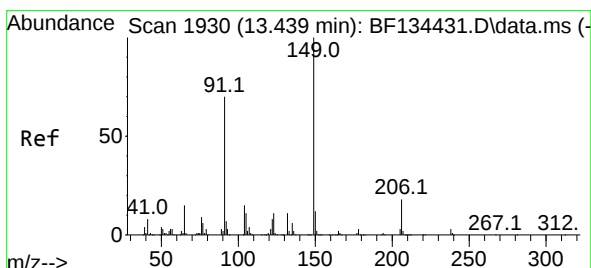
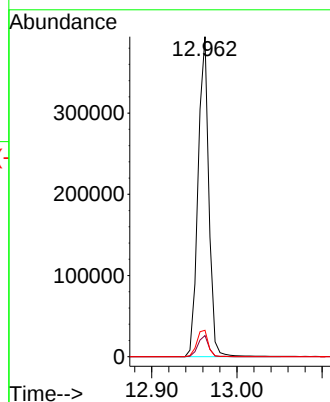
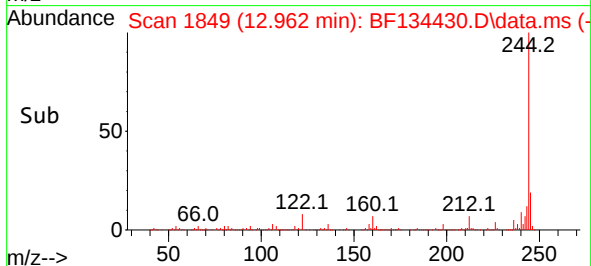


Tgt Ion:	244	Resp:	34543
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.6	8.4
122	8.3	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#80

Butylbenzylphthalate

Concen: 20.297 ng

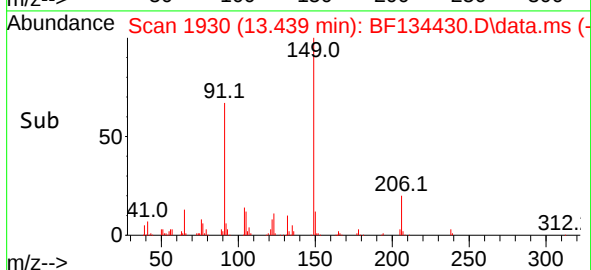
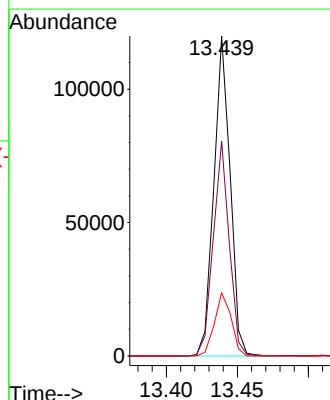
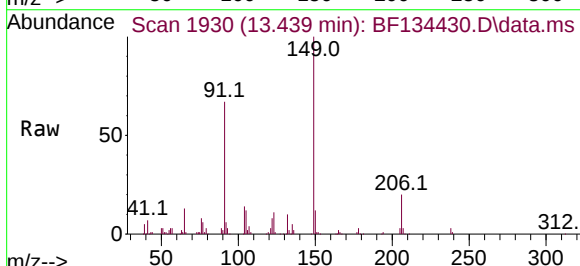
RT: 13.439 min Scan# 1930

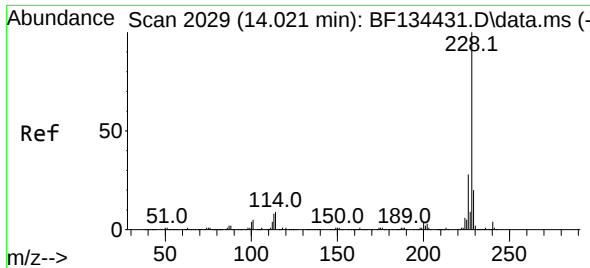
Delta R.T. -0.000 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Tgt Ion:	149	Resp:	95741
Ion Ratio	Lower	Upper	
149	100		
91	67.1	55.8	83.6
206	19.8	14.6	21.8





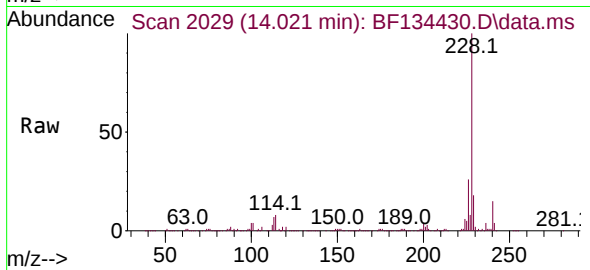
#81
Benzo(a)anthracene
Concen: 20.782 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

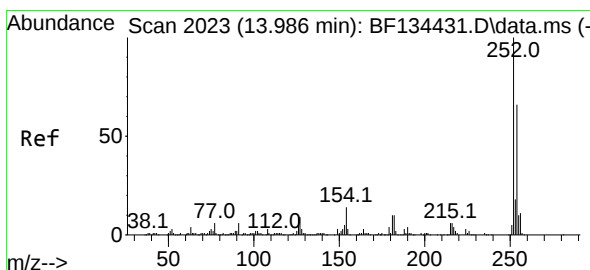
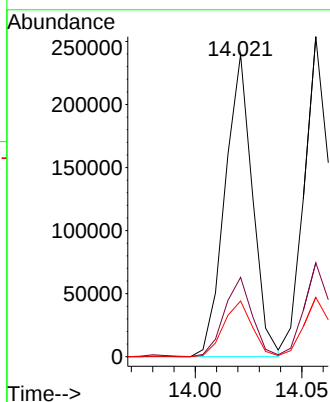
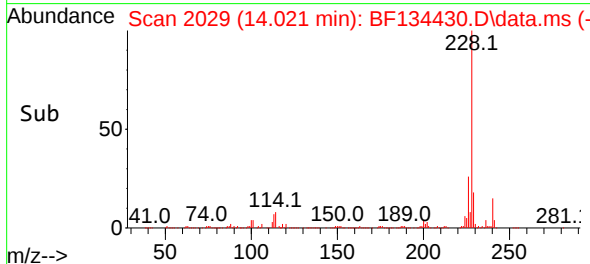


Tgt Ion:228 Resp: 21472
Ion Ratio Lower Upper
228 100
226 26.2 22.3 33.5
229 18.4 15.8 23.6

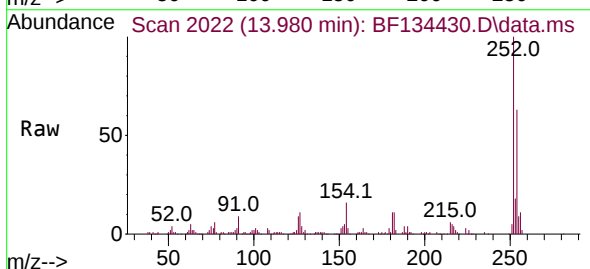
Manual Integrations

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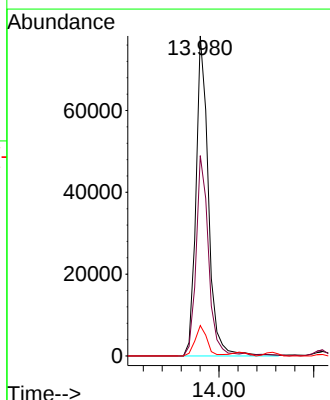
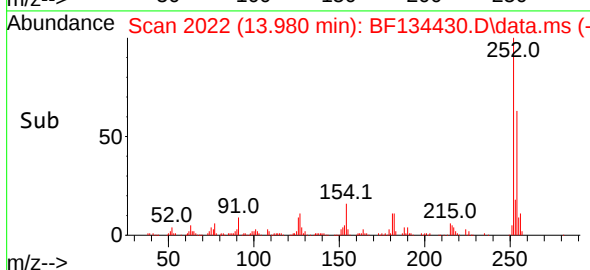
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

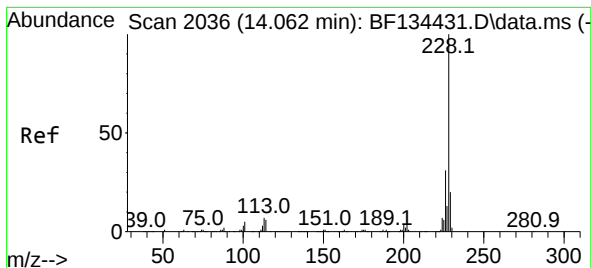


#82
3,3'-Dichlorobenzidine
Concen: 21.921 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28



Tgt Ion:252 Resp: 71739
Ion Ratio Lower Upper
252 100
254 62.6 52.7 79.1
126 9.5 7.2 10.8





#83

Chrysene

Concen: 21.396 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 21145

Ion Ratio Lower Upper

228 100

226 29.3 24.5 36.7

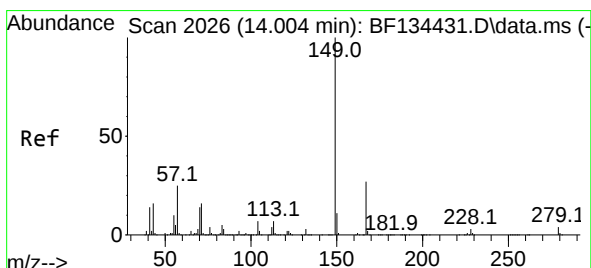
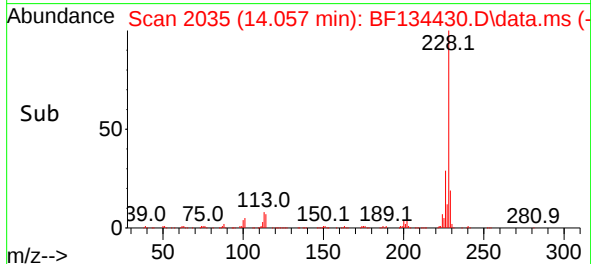
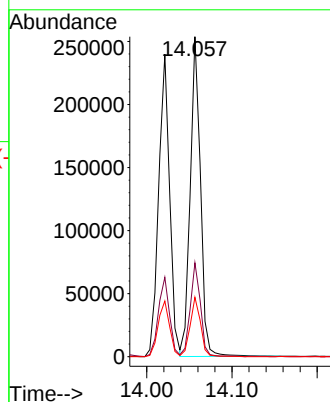
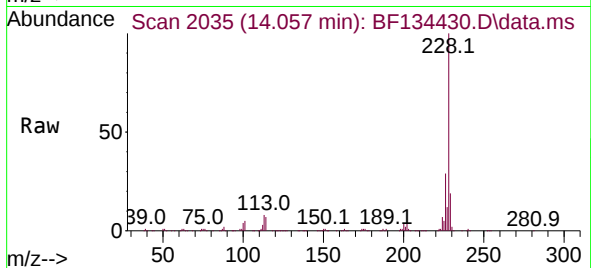
229 18.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.686 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

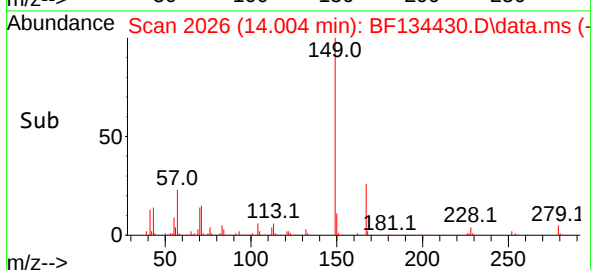
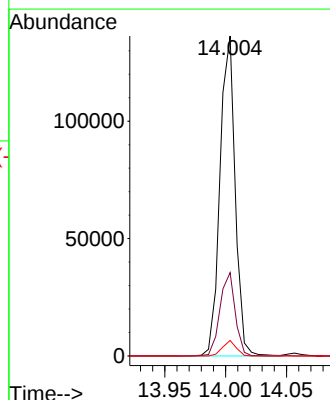
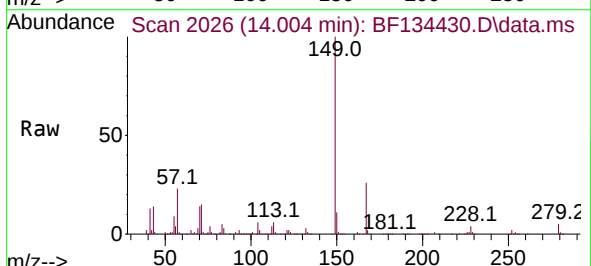
Tgt Ion:149 Resp: 118543

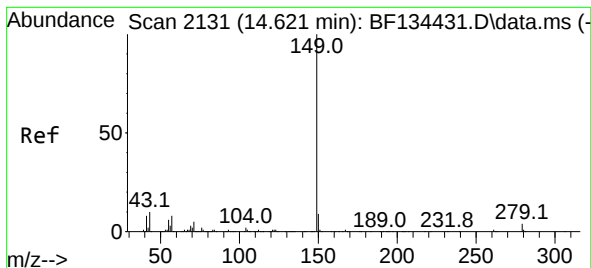
Ion Ratio Lower Upper

149 100

167 26.0 21.6 32.4

279 4.9 3.5 5.3





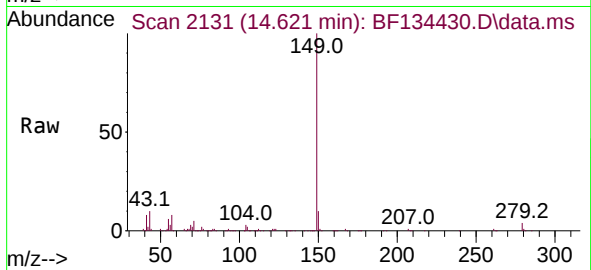
#85
Di-n-octyl phthalate
Concen: 20.143 ng
RT: 14.621 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



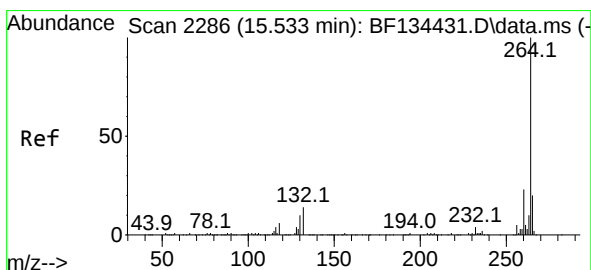
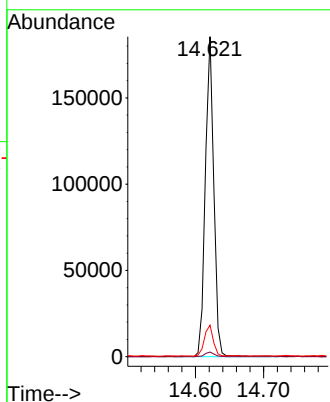
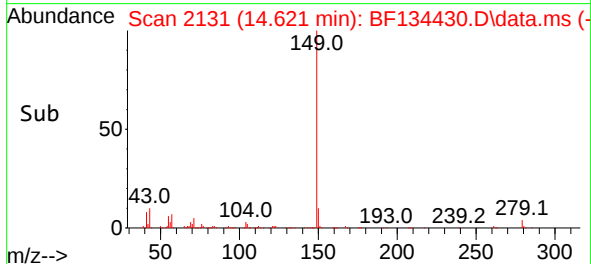
Tgt Ion:149 Resp: 160412
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 8.1 12.1

Manual Integrations

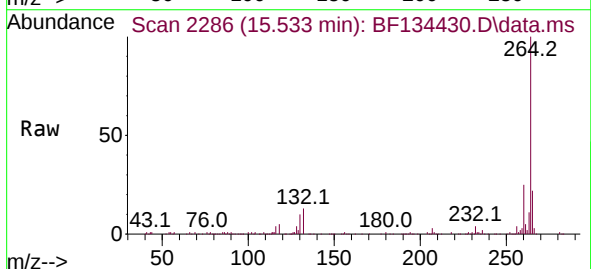
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

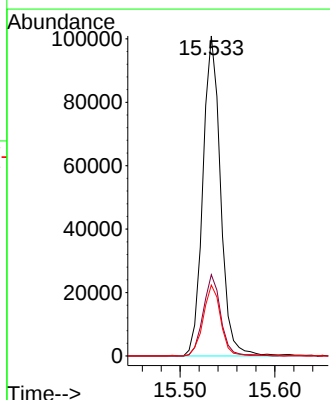
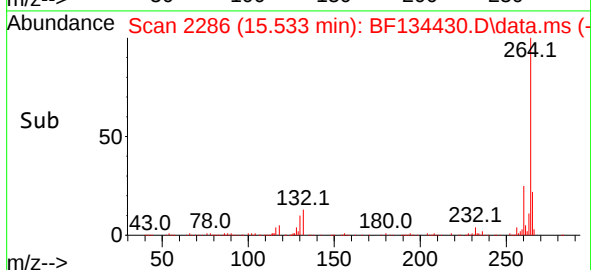
Supervised By :mohammad ahmed 07/25/2023

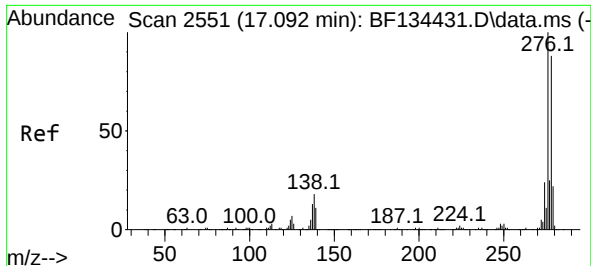


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28



Tgt Ion:264 Resp: 130938
Ion Ratio Lower Upper
264 100
260 25.4 18.4 27.6
265 22.2 15.8 23.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 18.710 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

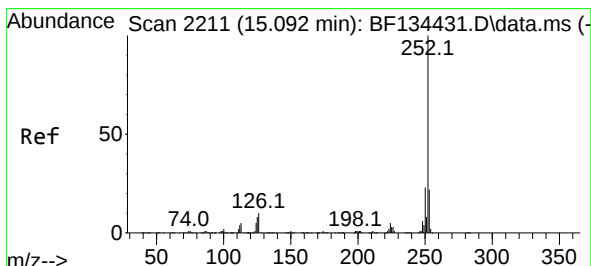
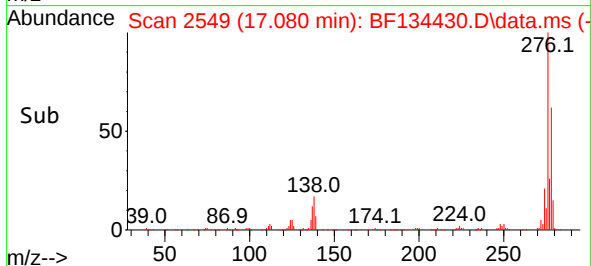
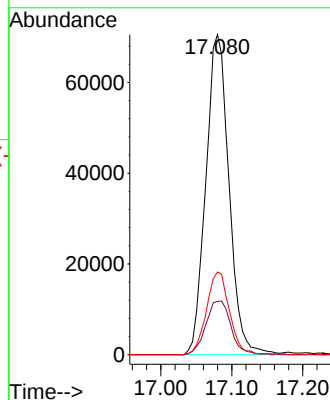
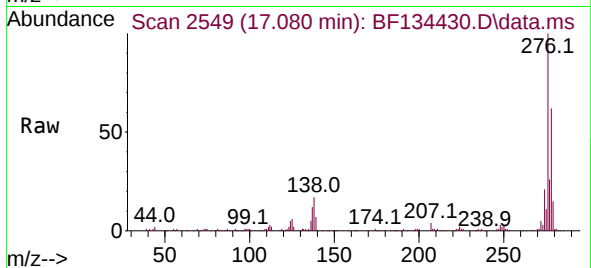
SSTDICC020

Tgt Ion:276 Resp: 160054
Ion Ratio Lower Upper
276 100
138 18.2 14.2 21.4
277 25.6 19.9 29.9

Manual Integrations

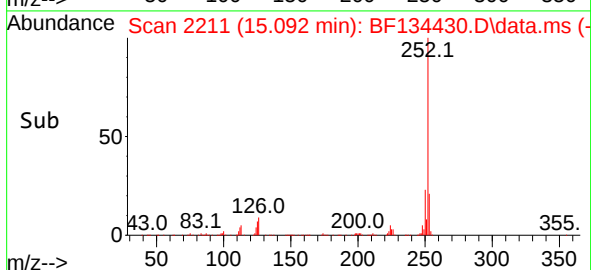
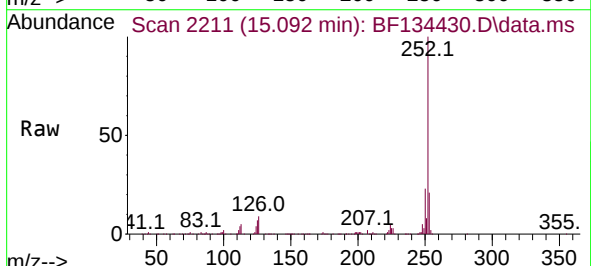
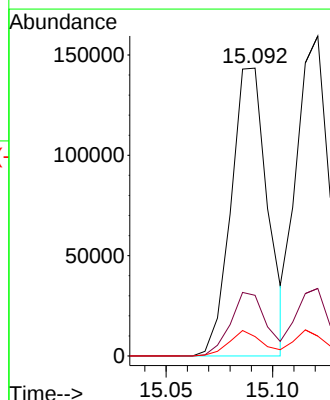
APPROVED

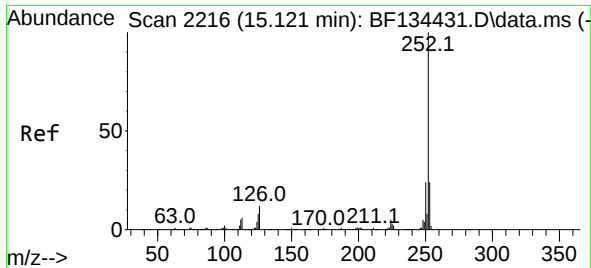
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#88
Benzo(b)fluoranthene
Concen: 20.974 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

Tgt Ion:252 Resp: 171812
Ion Ratio Lower Upper
252 100
253 21.1 17.3 25.9
125 6.7 6.0 9.0





#89

Benzo(k)fluoranthene

Concen: 21.589 ng m

RT: 15.121 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 17396

Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

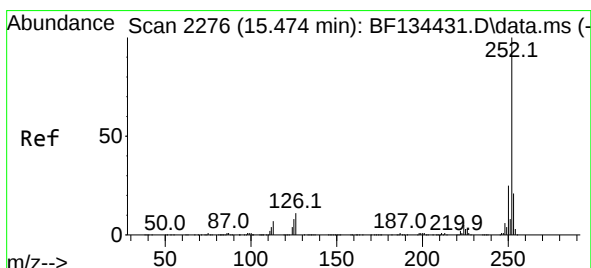
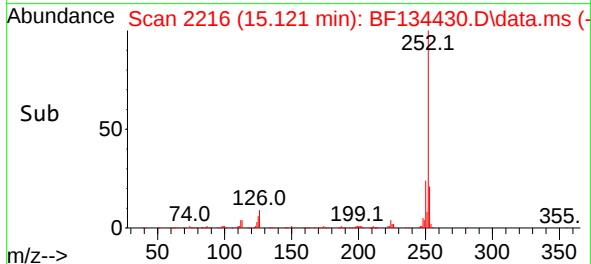
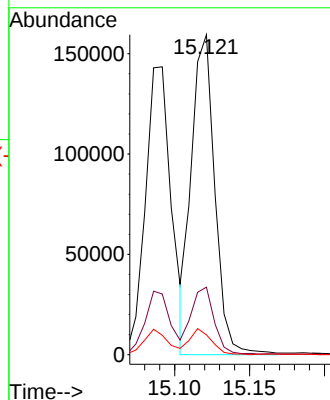
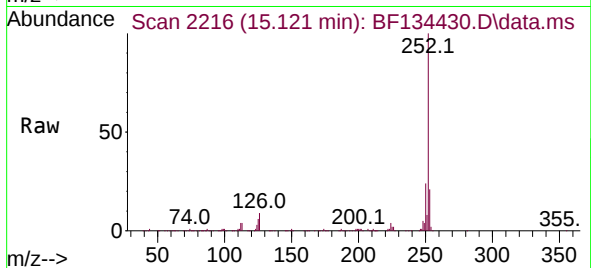
125 6.2 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#90

Benzo(a)pyrene

Concen: 20.701 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF134430.D

Acq: 24 Jul 2023 15:28

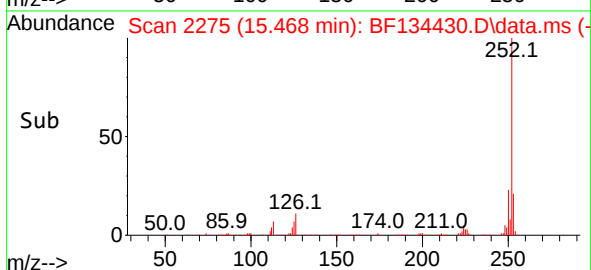
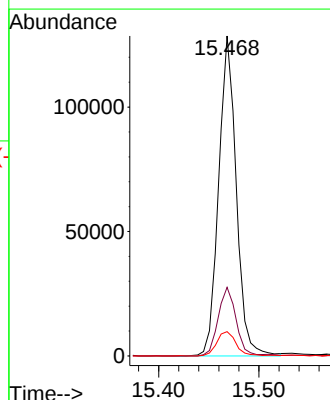
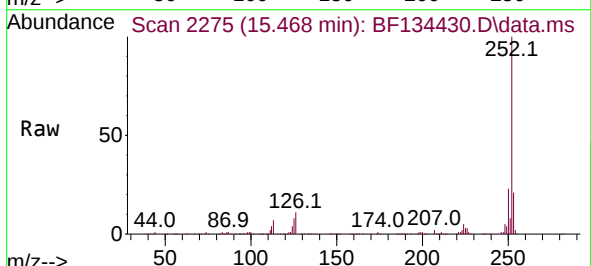
Tgt Ion:252 Resp: 156739

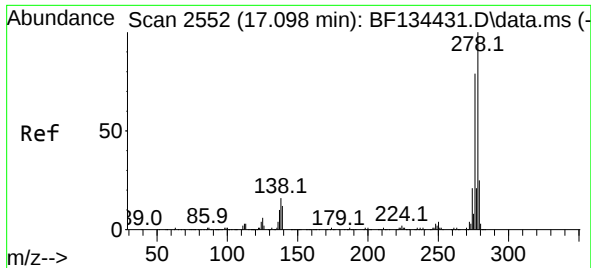
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

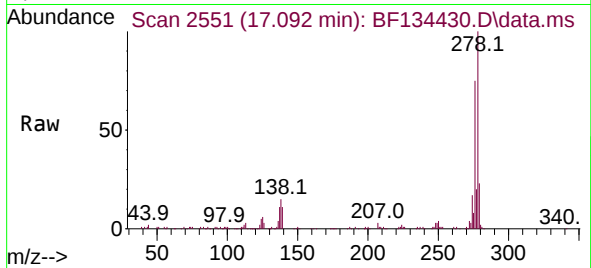
125 7.6 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 18.793 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28

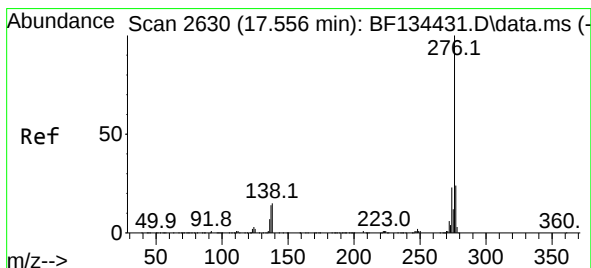
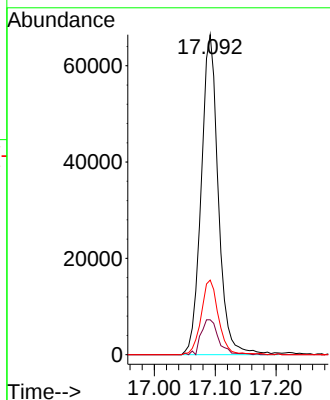
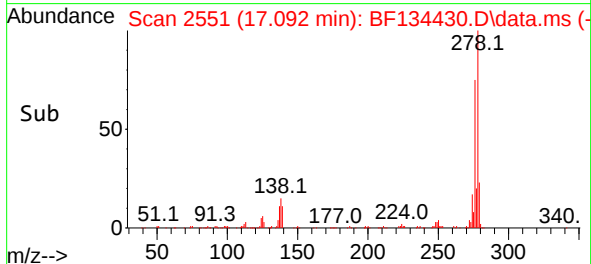
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



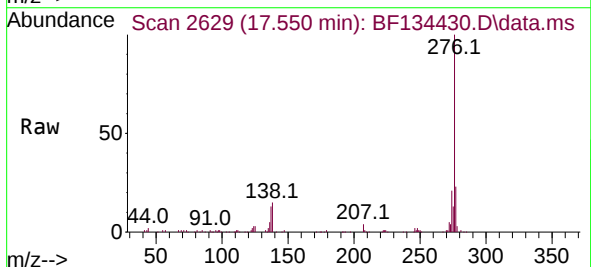
Tgt Ion:278 Resp: 12983
Ion Ratio Lower Upper
278 100
139 10.9 10.0 15.0
279 23.3 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#92
Benzo(g,h,i)perylene
Concen: 19.281 ng
RT: 17.550 min Scan# 2629
Delta R.T. -0.006 min
Lab File: BF134430.D
Acq: 24 Jul 2023 15:28



Tgt Ion:276 Resp: 136765
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 14.7 12.2 18.2

