

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091123\
 Data File : BF135166.D
 Acq On : 11 Sep 2023 16:34
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 00:16:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:05:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	101217	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	389049	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	196646	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	373127	20.000	ng	0.00
76) Chrysene-d12	13.951	240	163264	20.000	ng	0.00
86) Perylene-d12	15.410	264	192475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	943230	151.567	ng	0.01
7) Phenol-d6	6.422	99	1199417	151.573	ng	0.02
23) Nitrobenzene-d5	7.345	82	1149724	160.555	ng	0.01
42) 2,4,6-Tribromophenol	10.604	330	302567	154.830	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1847133	141.717	ng	0.00
79) Terphenyl-d14	12.898	244	1645258	156.217	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	225614	82.699	ng	99
3) Pyridine	3.228	79	624070	84.995	ng	97
4) n-Nitrosodimethylamine	3.216	42	330950	84.939	ng	99
6) Aniline	6.446	93	794040	76.521	ng	98
8) 2-Chlorophenol	6.563	128	502386	75.623	ng	95
9) Benzaldehyde	6.328	77	299434	66.423	ng	99
10) Phenol	6.434	94	643077	74.112	ng	87
11) bis(2-Chloroethyl)ether	6.516	93	508782	78.169	ng	98
12) 1,3-Dichlorobenzene	6.710	146	519779	76.987	ng	99
13) 1,4-Dichlorobenzene	6.787	146	521461	75.915	ng	99
14) 1,2-Dichlorobenzene	6.940	146	462642	72.526	ng	99
15) Benzyl Alcohol	6.922	79	417955	73.605	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	930786	75.868	ng	98
17) 2-Methylphenol	7.034	107	458997	78.294	ng	96
18) Hexachloroethane	7.275	117	197969	78.001	ng	93
19) n-Nitroso-di-n-propyla...	7.198	70	377048	76.927	ng	97
20) 3+4-Methylphenols	7.193	107	494441	70.140	ng	91
22) Acetophenone	7.187	105	677519	76.171	ng	# 98
24) Nitrobenzene	7.363	77	567795	80.222	ng	99
25) Isophorone	7.604	82	1091728	83.025	ng	99
26) 2-Nitrophenol	7.669	139	284141	83.645	ng	98
27) 2,4-Dimethylphenol	7.710	122	463138	81.111	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	631996	80.301	ng	99
29) 2,4-Dichlorophenol	7.910	162	422151	79.788	ng	99
30) 1,2,4-Trichlorobenzene	7.992	180	434357	78.543	ng	99
31) Naphthalene	8.075	128	1461113	77.296	ng	100
32) Benzoic acid	7.875	122	398504	93.577	ng	96
33) 4-Chloroaniline	8.128	127	635582	76.637	ng	99
34) Hexachlorobutadiene	8.187	225	263642	79.062	ng	99
35) Caprolactam	8.528	113	151051m	85.074	ng	
36) 4-Chloro-3-methylphenol	8.616	107	467520	79.504	ng	99
37) 2-Methylnaphthalene	8.763	142	963587	75.835	ng	99
38) 1-Methylnaphthalene	8.863	142	900075	75.661	ng	100
40) 1,2,4,5-Tetrachloroben...	8.928	216	442360	77.648	ng	99
41) Hexachlorocyclopentadiene	8.910	237	209316	83.072	ng	99
43) 2,4,6-Trichlorophenol	9.045	196	301556	80.845	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	346036	80.556	ng	97
46) 1,1'-Biphenyl	9.234	154	1129147	74.719	ng	97
47) 2-Chloronaphthalene	9.257	162	838004	76.428	ng	98
48) 2-Nitroaniline	9.357	65	353151	82.905	ng	96
49) Acenaphthylene	9.669	152	1346624	73.900	ng	99
50) Dimethylphthalate	9.545	163	1049412	78.931	ng	99
51) 2,6-Dinitrotoluene	9.604	165	234417	80.485	ng	94
52) Acenaphthene	9.845	154	815044	75.714	ng	98
53) 3-Nitroaniline	9.775	138	275488	80.579	ng	99
54) 2,4-Dinitrophenol	9.881	184	135466	81.779	ng	94
55) Dibenzofuran	10.016	168	1165473	70.949	ng	97
56) 4-Nitrophenol	9.939	139	189329	87.134	ng	99
57) 2,4-Dinitrotoluene	10.010	165	270425	74.165	ng	# 83
58) Fluorene	10.357	166	909878	72.050	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.134	232	265112	80.231	ng	98
60) Diethylphthalate	10.239	149	1020822	76.506	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	433006	71.380	ng	98
62) 4-Nitroaniline	10.398	138	269368	81.966	ng	99
63) Azobenzene	10.516	77	1017181	77.893	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	177872	89.753	ng	96
66) n-Nitrosodiphenylamine	10.475	169	870914	77.097	ng	98
67) 4-Bromophenyl-phenylether	10.845	248	289620	78.043	ng	100
68) Hexachlorobenzene	10.904	284	297186	78.606	ng	# 91
69) Atrazine	11.010	200	223870	73.653	ng	98
70) Pentachlorophenol	11.104	266	195595	86.682	ng	98
71) Phenanthrene	11.322	178	1323601	75.003	ng	99
72) Anthracene	11.375	178	1345715	74.187	ng	100
73) Carbazole	11.533	167	1228507	74.397	ng	100
74) Di-n-butylphthalate	11.869	149	1444856	74.256	ng	100
75) Fluoranthene	12.516	202	1306164	71.032	ng	99
77) Benzidine	12.639	184	242062	72.370	ng	98
78) Pyrene	12.745	202	1313797	84.521	ng	99
80) Butylbenzylphthalate	13.374	149	460512	84.146	ng	97
81) Benzo(a)anthracene	13.939	228	842493	79.915	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	269372	81.803	ng	# 99
83) Chrysene	13.980	228	846341	80.746	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	480737	85.601	ng	100
85) Di-n-octyl phthalate	14.551	149	864319	96.843	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	1092794	86.593	ng	99
88) Benzo(b)fluoranthene	14.986	252	837686	80.397	ng	97
89) Benzo(k)fluoranthene	15.021	252	770157	74.827	ng	99
90) Benzo(a)pyrene	15.357	252	819488	82.475	ng	98
91) Dibenzo(a,h)anthracene	16.915	278	871598	84.409	ng	99
92) Benzo(g,h,i)perylene	17.351	276	936025	86.798	ng	99

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

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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: BF135166.D
 Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

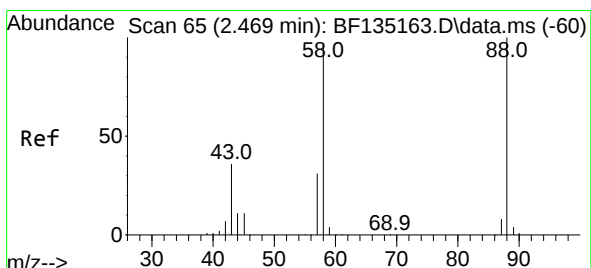
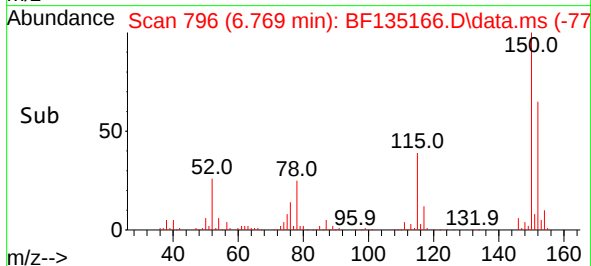
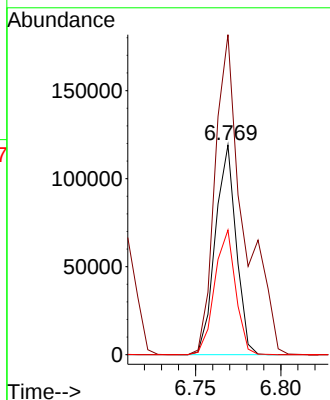
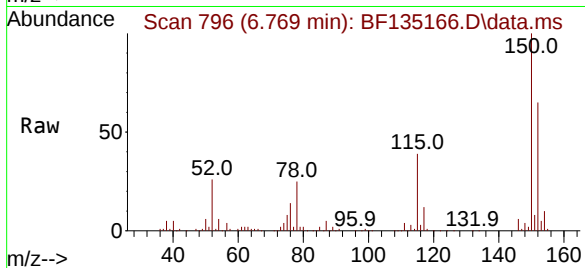
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Tgt Ion:152 Resp: 10121
 Ion Ratio Lower Upper
 152 100
 150 152.7 127.8 191.6
 115 59.5 49.8 74.8

Manual Integrations

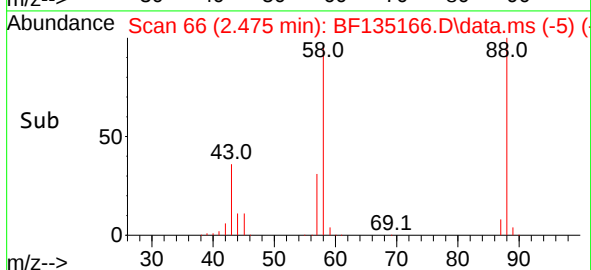
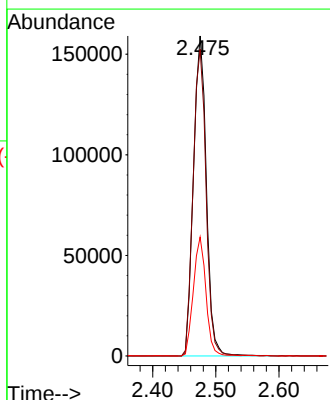
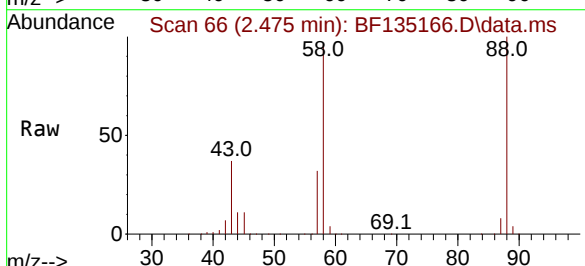
APPROVED

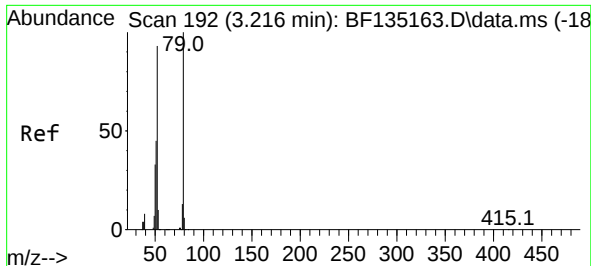
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023



#2
 1,4-Dioxane
 Concen: 82.699 ng
 RT: 2.475 min Scan# 66
 Delta R.T. 0.006 min
 Lab File: BF135166.D
 Acq: 11 Sep 2023 16:34

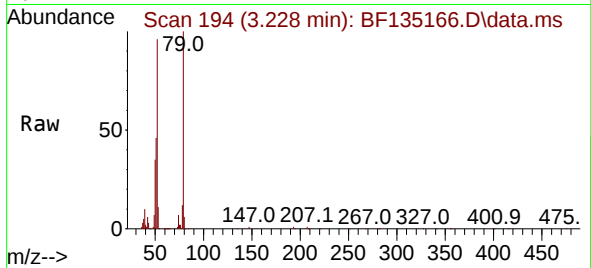
Tgt Ion: 88 Resp: 225614
 Ion Ratio Lower Upper
 88 100
 58 96.4 78.3 117.5
 43 36.2 29.4 44.0





#3
Pyridine
Concen: 84.995 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.012 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

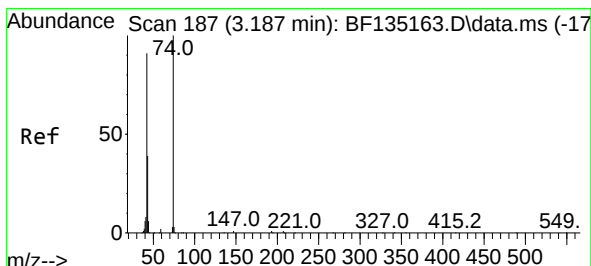
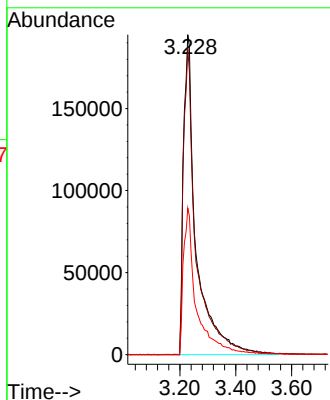
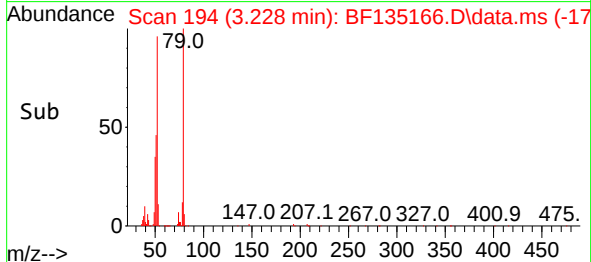
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



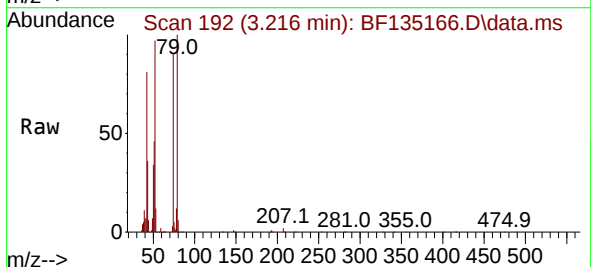
Tgt Ion: 79 Resp: 624070
Ion Ratio Lower Upper
79 100
52 95.7 74.1 111.1
51 45.9 35.8 53.8

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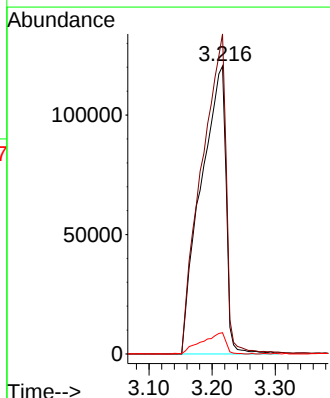
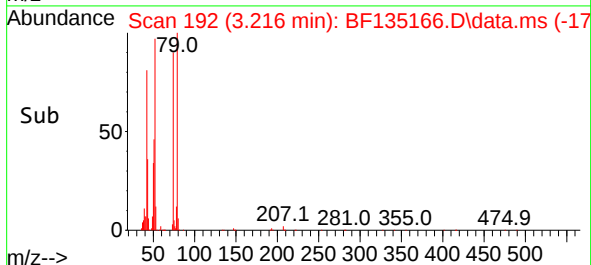
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

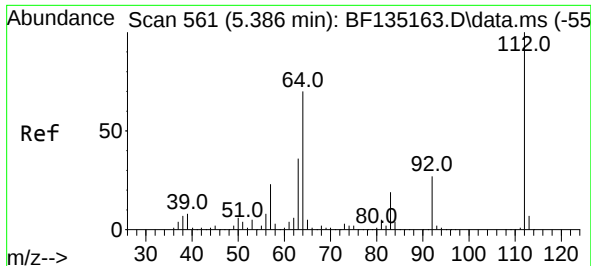


#4
n-Nitrosodimethylamine
Concen: 84.939 ng
RT: 3.216 min Scan# 192
Delta R.T. 0.030 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34



Tgt Ion: 42 Resp: 330950
Ion Ratio Lower Upper
42 100
74 111.2 87.7 131.5
44 7.4 5.6 8.4





#5
2-Fluorophenol
Concen: 151.567 ng
RT: 5.399 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

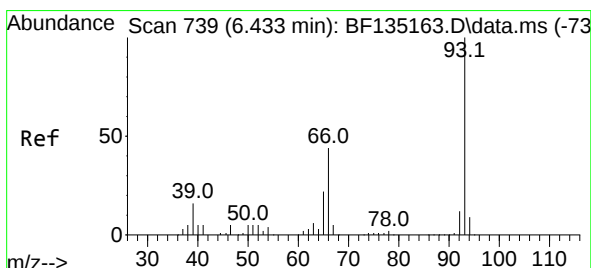
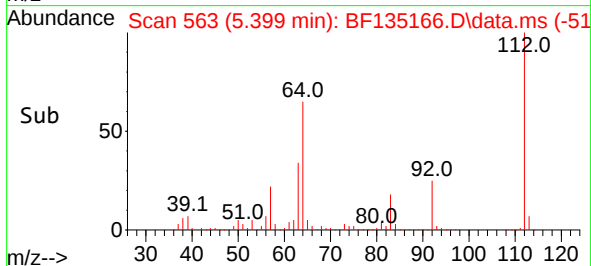
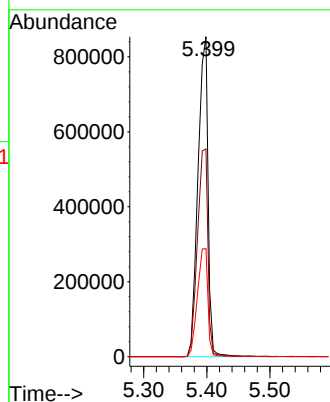
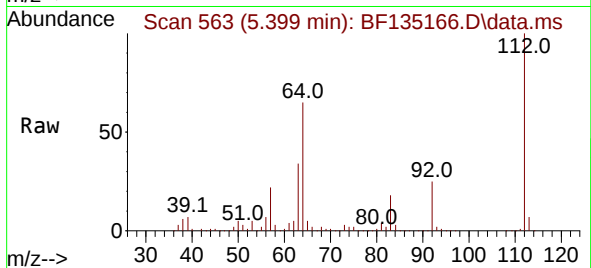
SSTDICC080

Tgt Ion:112 Resp: 943230
Ion Ratio Lower Upper
112 100
64 64.9 55.9 83.9
63 33.8 29.0 43.6

Manual Integrations

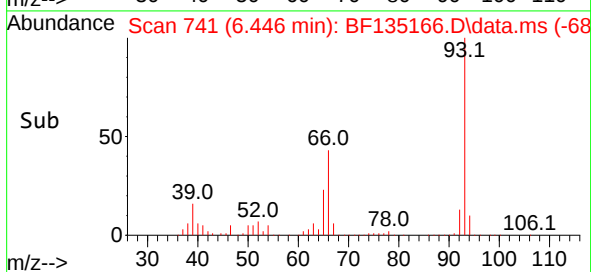
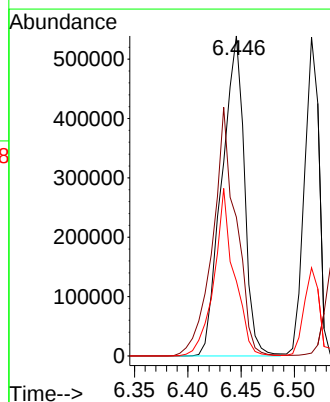
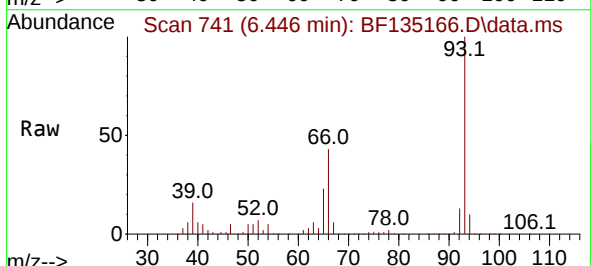
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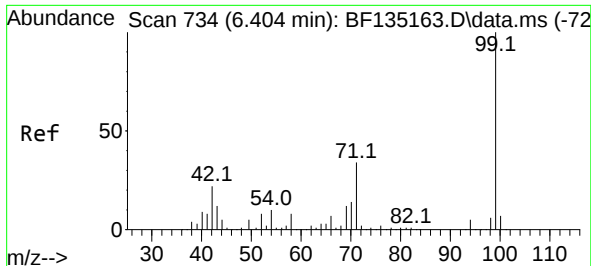
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#6
Aniline
Concen: 76.521 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Tgt Ion: 93 Resp: 794040
Ion Ratio Lower Upper
93 100
66 43.4 35.4 53.0
65 23.5 17.8 26.8





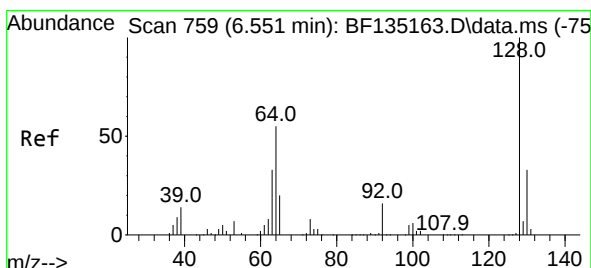
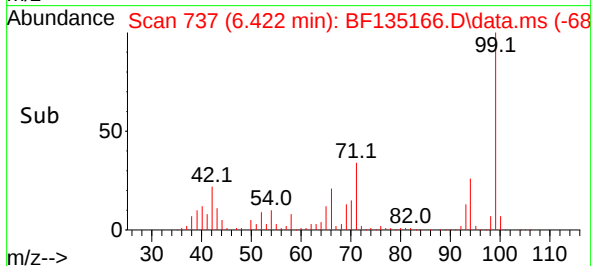
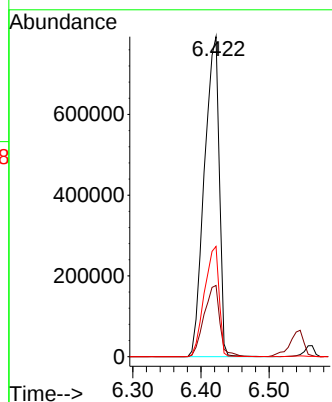
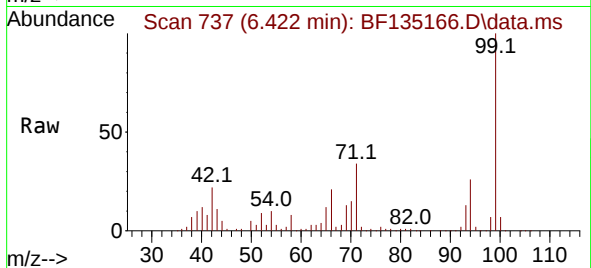
#7
Phenol-d6
Concen: 151.573 ng
RT: 6.422 min Scan# 711
Delta R.T. 0.018 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 119941
Ion Ratio Lower Upper
99 100
42 22.2 17.9 26.9
71 34.5 27.0 40.6

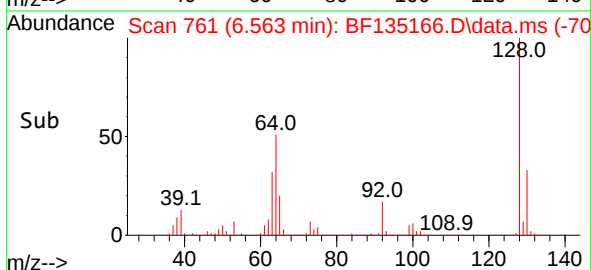
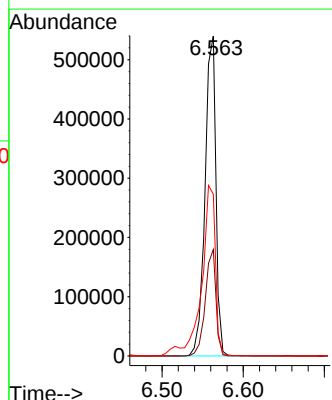
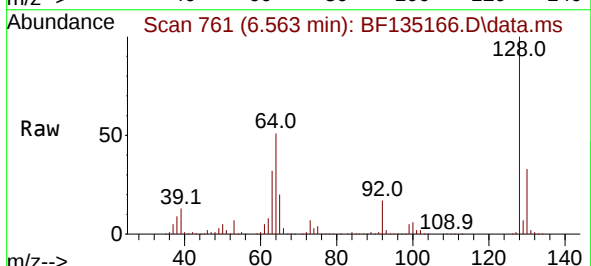
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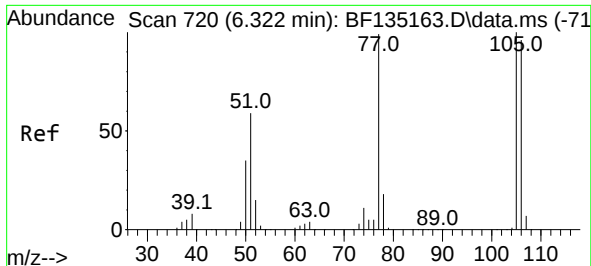
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#8
2-Chlorophenol
Concen: 75.623 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.012 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

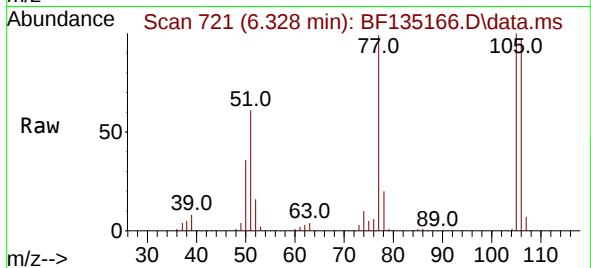
Tgt Ion:128 Resp: 502386
Ion Ratio Lower Upper
128 100
130 33.3 12.7 52.7
64 50.6 35.9 75.9





#9
Benzaldehyde
Concen: 66.423 ng
RT: 6.328 min Scan# 720
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

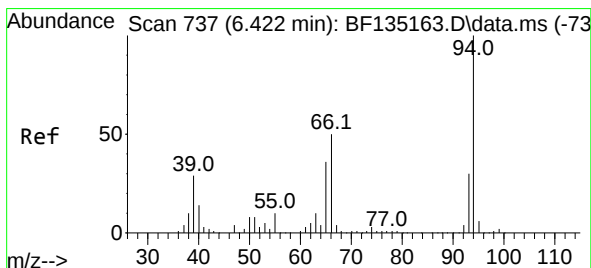
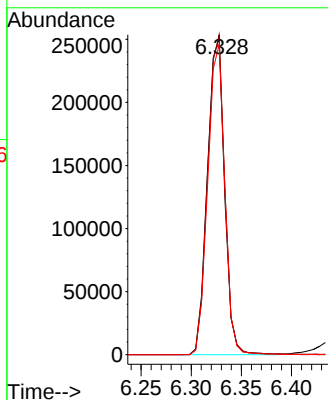
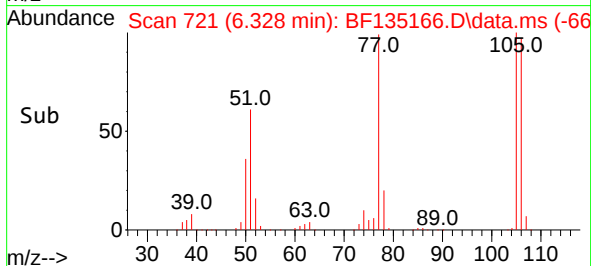
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 299434
Ion Ratio Lower Upper
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105 101.1 81.4 121.4
106 98.0 76.9 116.9

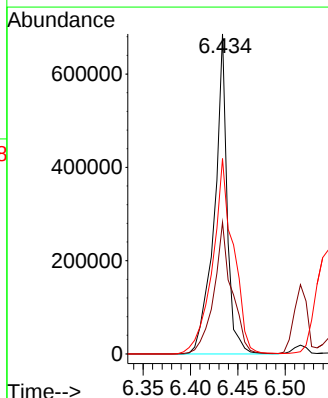
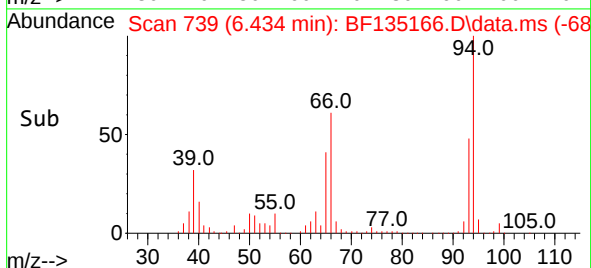
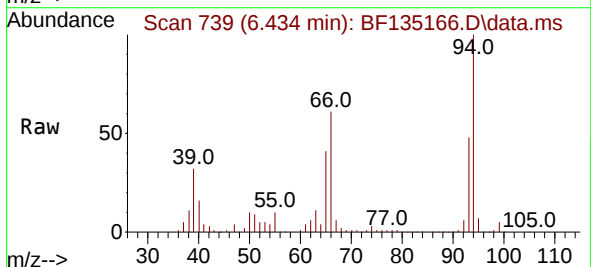
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#10
Phenol
Concen: 74.112 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.012 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Tgt Ion: 94 Resp: 643077
Ion Ratio Lower Upper
94 100
65 41.1 15.9 55.9
66 61.1 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 78.169 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

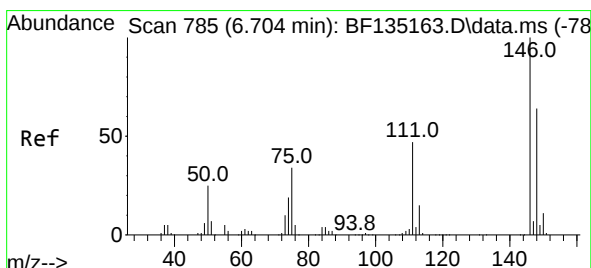
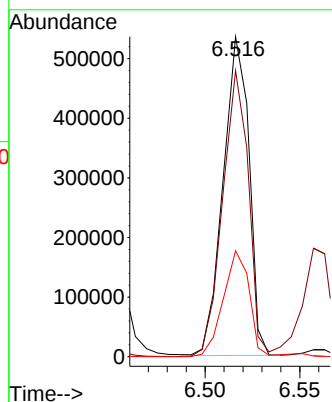
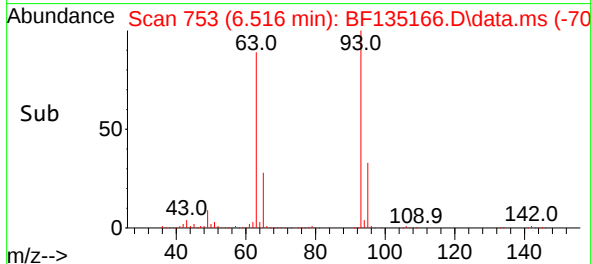
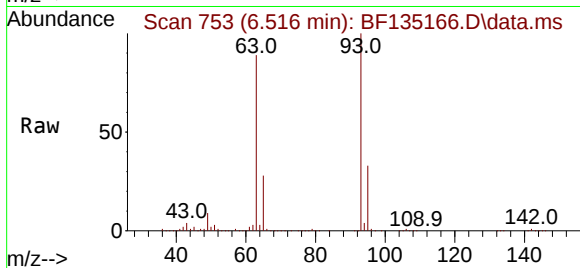
ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 50878
Ion Ratio Lower Upper
93 100
63 89.4 67.3 107.3
95 33.1 12.7 52.7

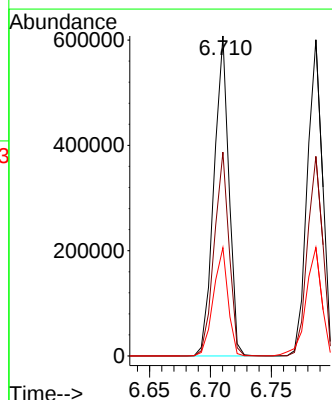
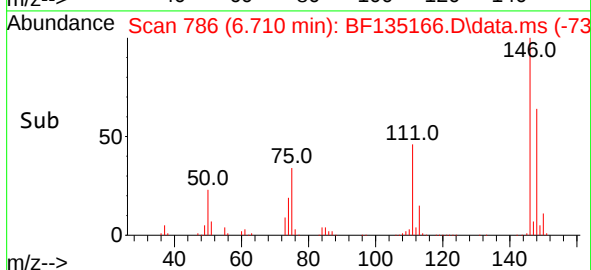
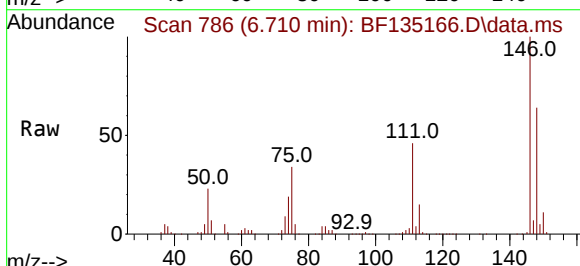
Manual Integrations
APPROVED

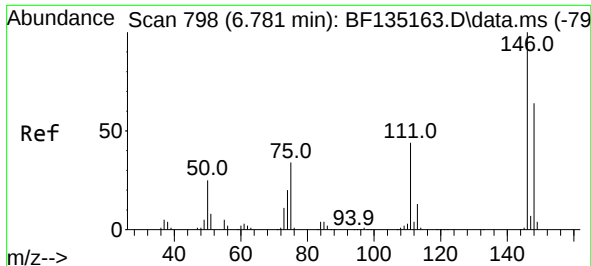
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#12
1,3-Dichlorobenzene
Concen: 76.987 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Tgt Ion:146 Resp: 519779
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 33.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 75.915 ng

RT: 6.787 min Scan# 798

Delta R.T. 0.006 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 52146

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

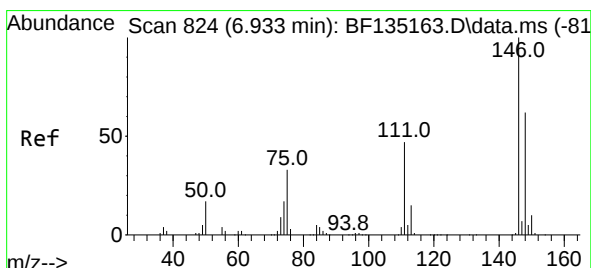
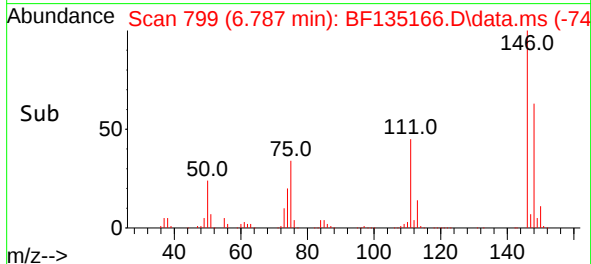
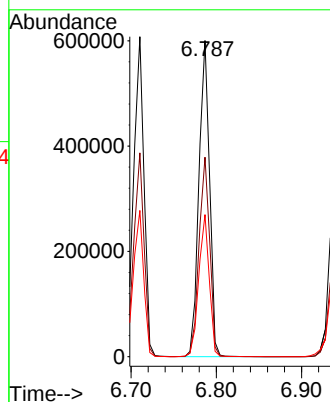
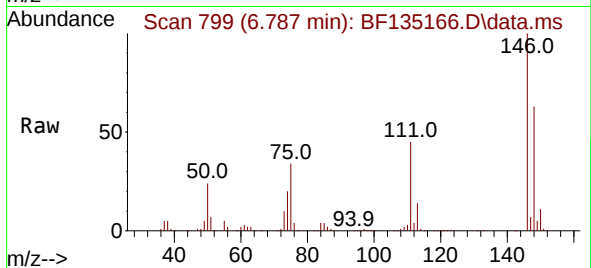
111 45.0 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#14

1,2-Dichlorobenzene

Concen: 72.526 ng

RT: 6.940 min Scan# 825

Delta R.T. 0.006 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

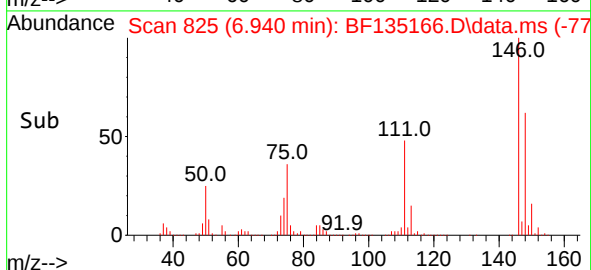
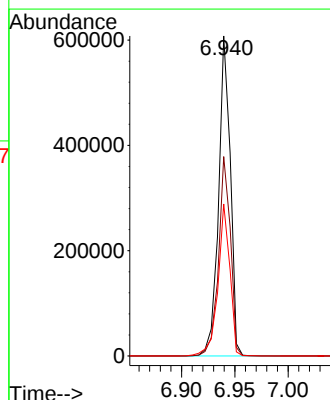
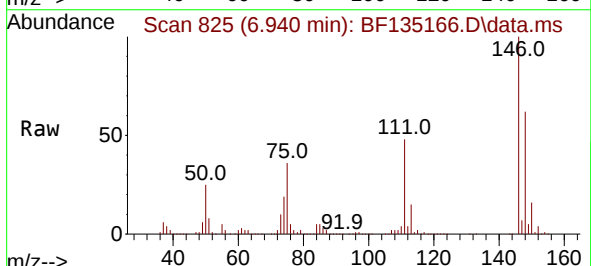
Tgt Ion:146 Resp: 462642

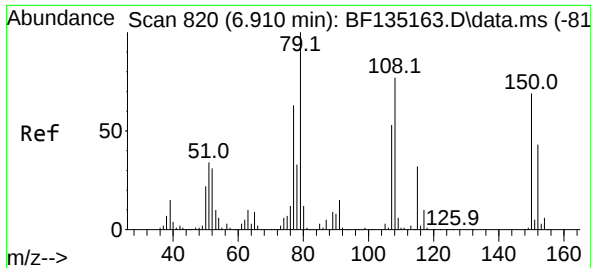
Ion Ratio Lower Upper

146 100

148 62.3 49.7 74.5

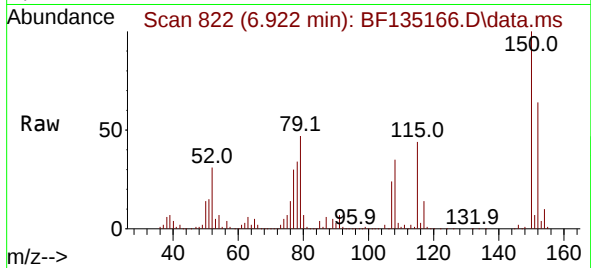
111 47.5 37.4 56.2





#15
Benzyl Alcohol
Concen: 73.605 ng
RT: 6.922 min Scan# 820
Delta R.T. 0.012 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

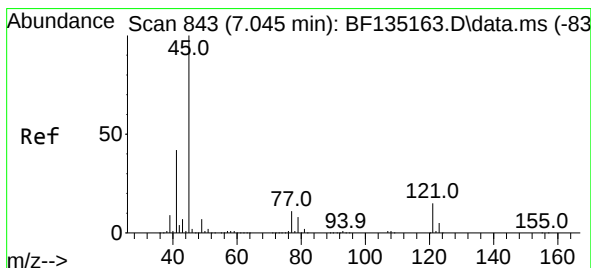
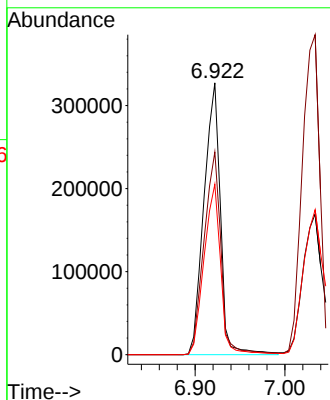
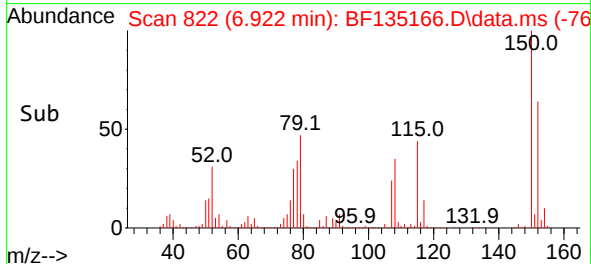
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 41795
Ion Ratio Lower Upper
79 100
108 74.6 61.2 91.8
77 62.7 50.5 75.7

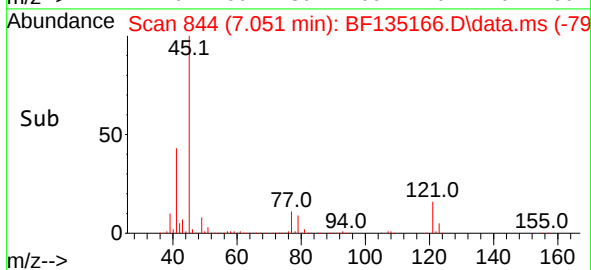
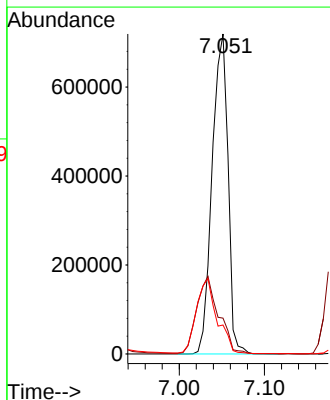
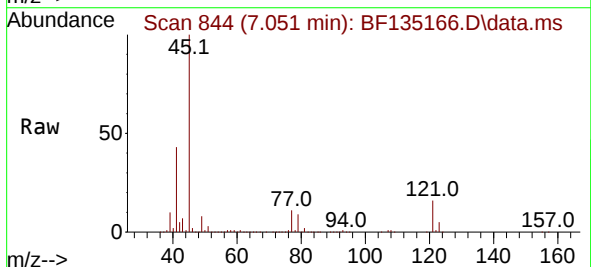
Manual Integrations
APPROVED

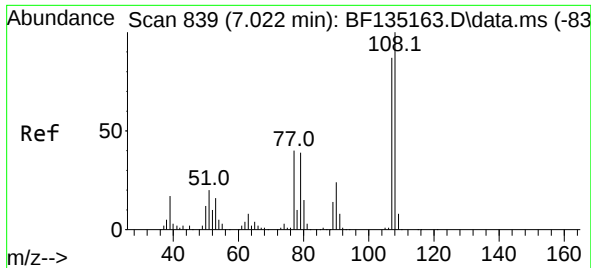
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.868 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Tgt Ion: 45 Resp: 930786
Ion Ratio Lower Upper
45 100
77 11.2 0.0 30.6
79 9.1 0.0 28.3





#17
2-Methylphenol
Concen: 78.294 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.012 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

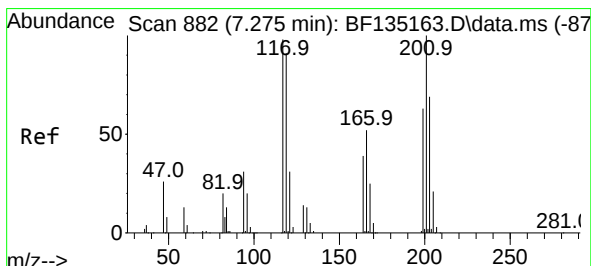
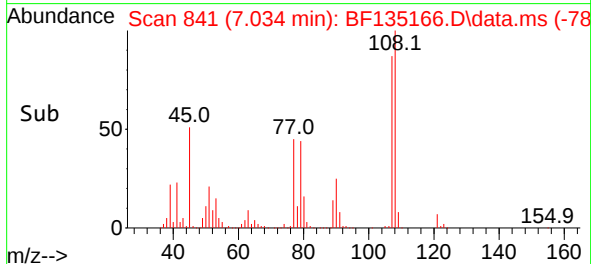
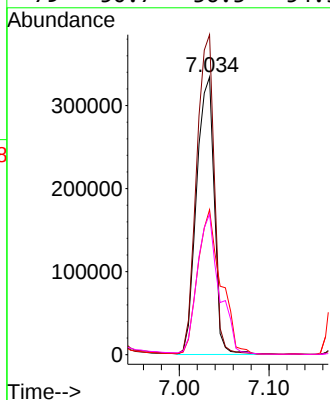
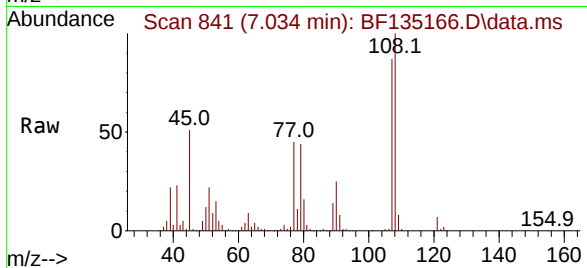
SSTDICC080

Tgt Ion:107 Resp: 45899
Ion Ratio Lower Upper
107 100
108 115.3 92.0 138.0
77 52.2 36.7 55.1
79 50.7 36.3 54.5

Manual Integrations

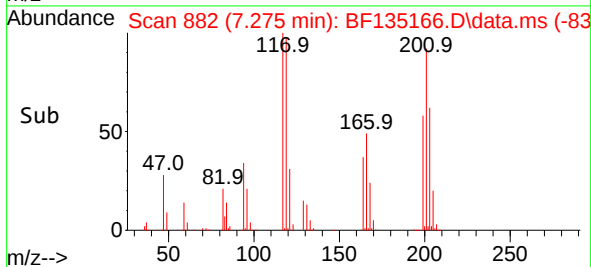
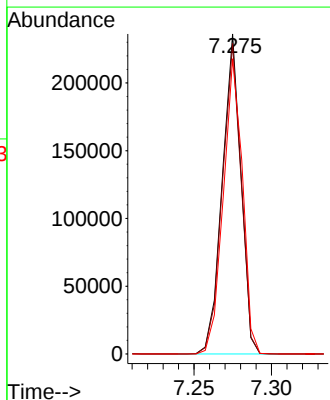
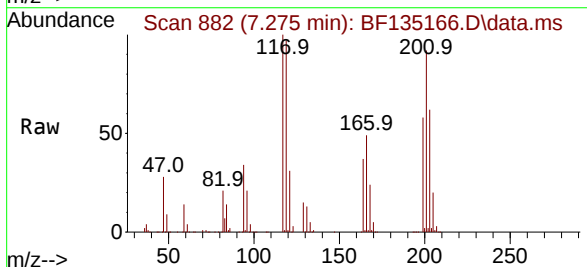
APPROVED

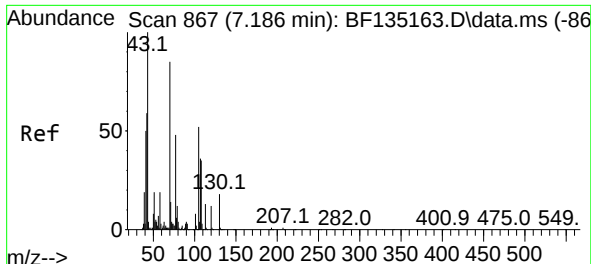
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#18
Hexachloroethane
Concen: 78.001 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Tgt Ion:117 Resp: 197969
Ion Ratio Lower Upper
117 100
119 97.0 74.7 112.1
201 92.2 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 76.927 ng

RT: 7.198 min Scan# 80

Delta R.T. 0.012 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 37704

Ion Ratio Lower Upper

70 100

42 72.1 55.4 83.0

101 9.6 7.7 11.5

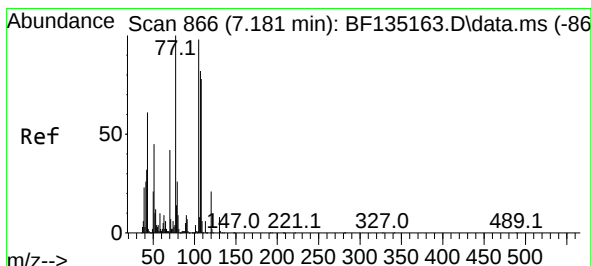
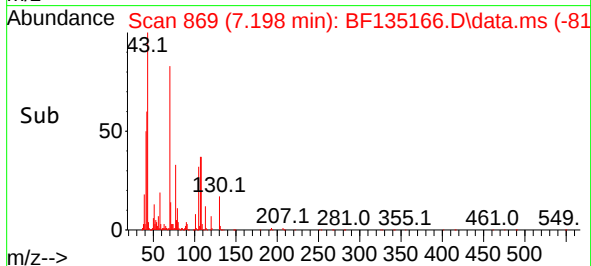
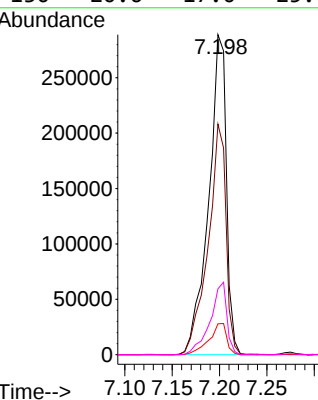
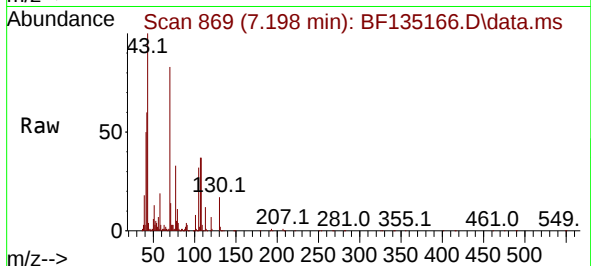
130 20.6 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#20

3+4-Methylphenols

Concen: 70.140 ng

RT: 7.193 min Scan# 868

Delta R.T. 0.012 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Tgt Ion:107 Resp: 494441

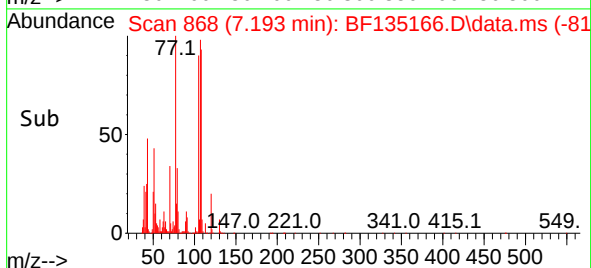
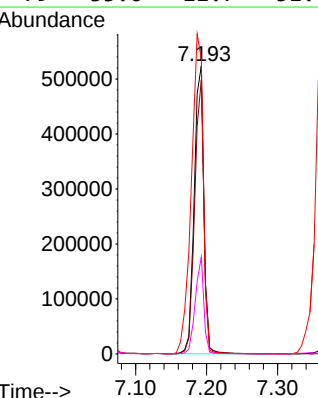
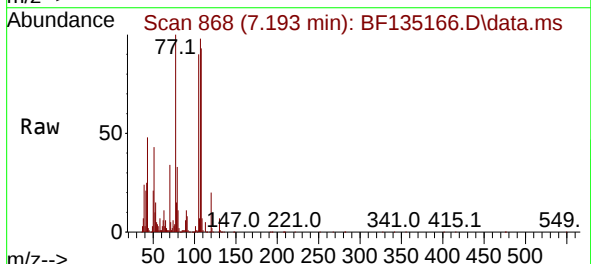
Ion Ratio Lower Upper

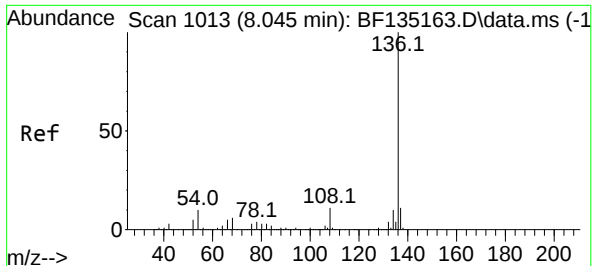
107 100

108 95.1 74.7 114.7

77 102.2 102.0 142.0

79 33.6 11.7 51.7





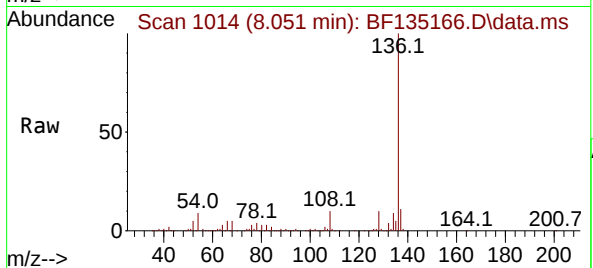
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

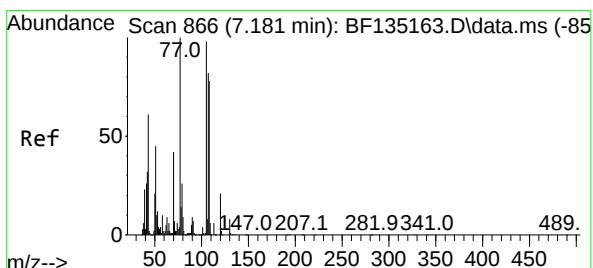
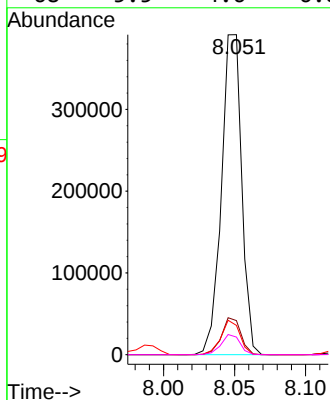
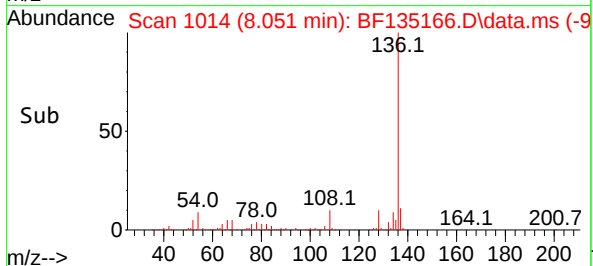


Tgt Ion:136 Resp: 389049
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.1 7.7 11.5
68 5.5 4.6 6.8

Manual Integrations

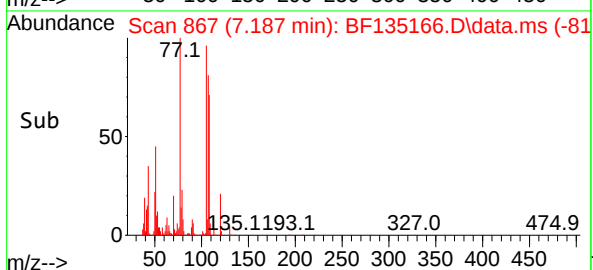
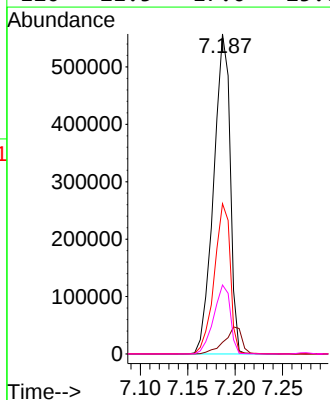
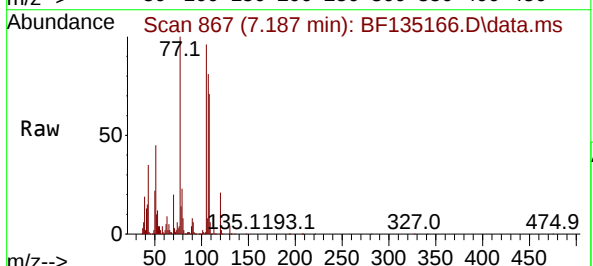
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#22
Acetophenone
Concen: 76.171 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Tgt Ion:105 Resp: 677519
Ion Ratio Lower Upper
105 100
71 3.6 5.8 8.6#
51 47.0 37.0 55.4
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 160.555 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.012 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1149724

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.6

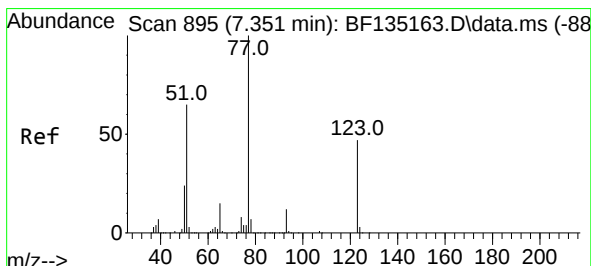
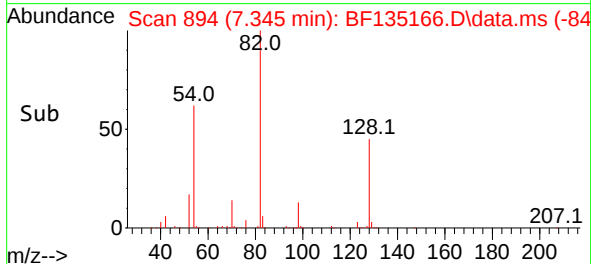
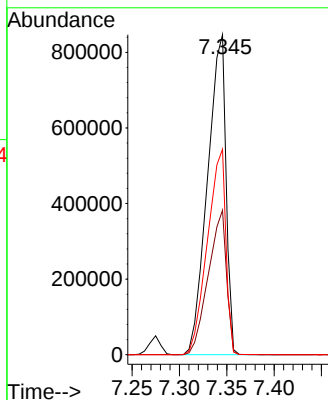
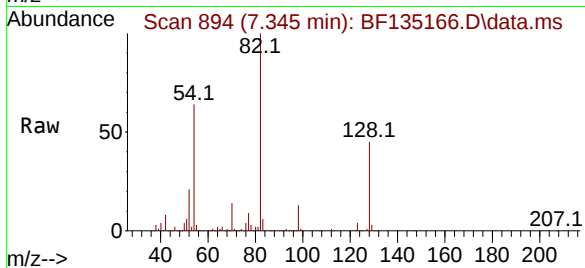
54 64.2 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#24

Nitrobenzene

Concen: 80.222 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.012 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

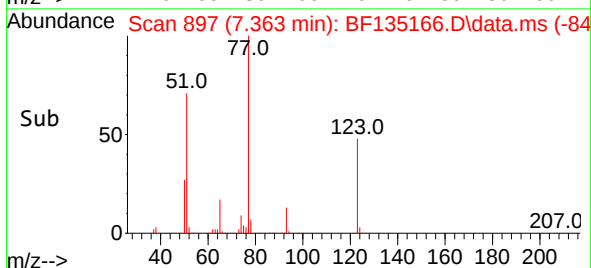
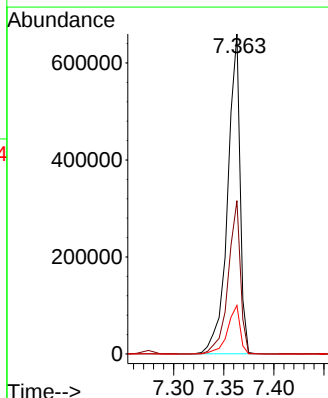
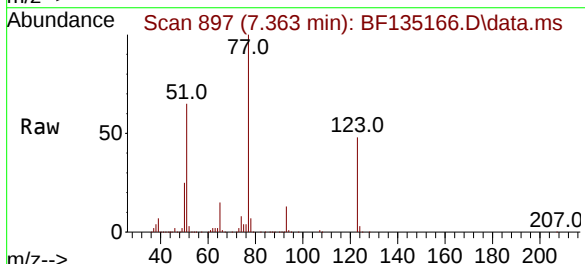
Tgt Ion: 77 Resp: 567795

Ion Ratio Lower Upper

77 100

123 47.9 37.6 56.4

65 15.2 12.2 18.4





#25
Isophorone
Concen: 83.025 ng
RT: 7.604 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

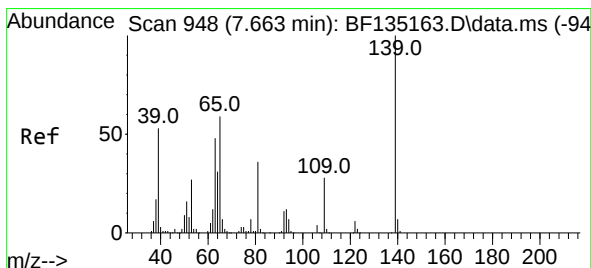
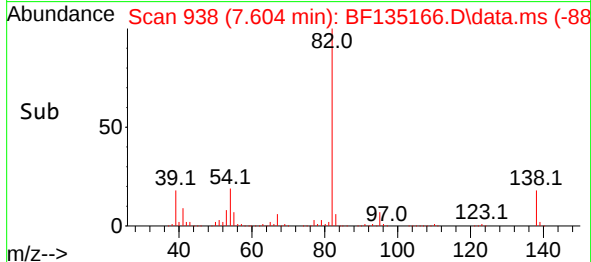
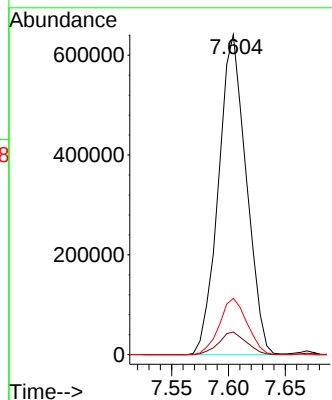
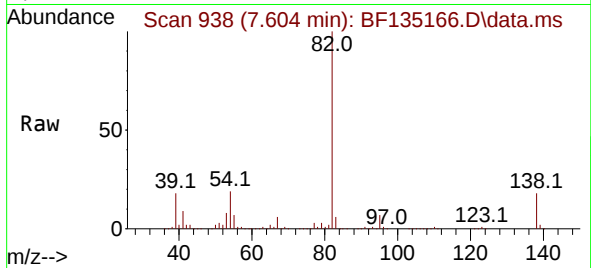
SSTDICC080

Tgt Ion: 82 Resp: 1091728
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 17.6 14.5 21.7

Manual Integrations

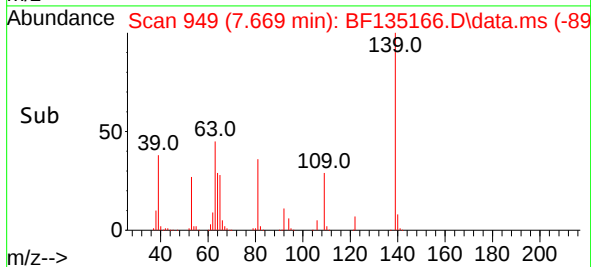
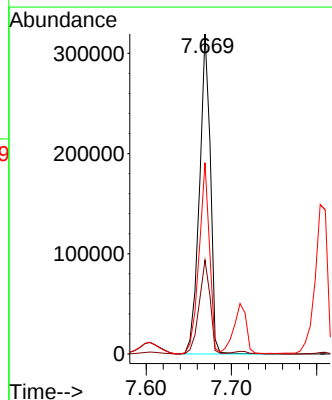
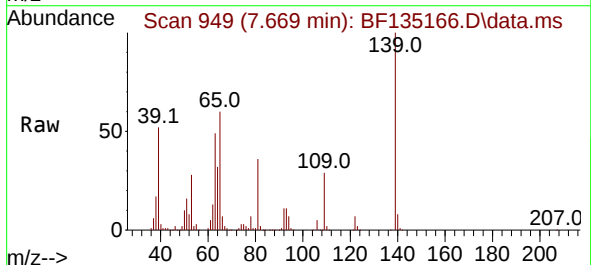
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#26
2-Nitrophenol
Concen: 83.645 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Tgt Ion:139 Resp: 284141
Ion Ratio Lower Upper
139 100
109 29.3 22.6 33.8
65 59.8 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 81.111 ng

RT: 7.710 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF135166.D

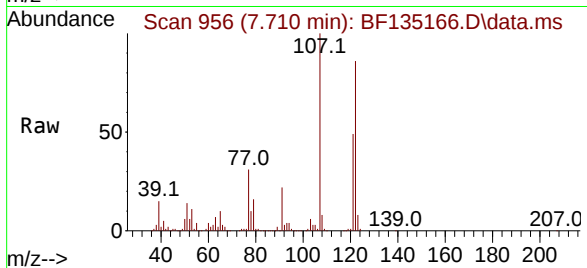
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



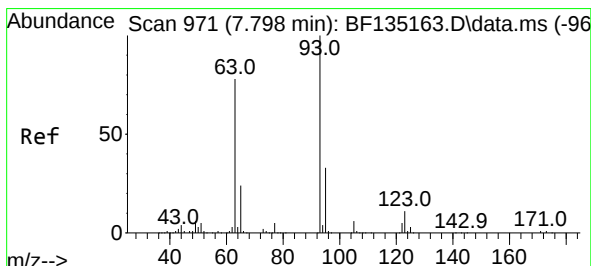
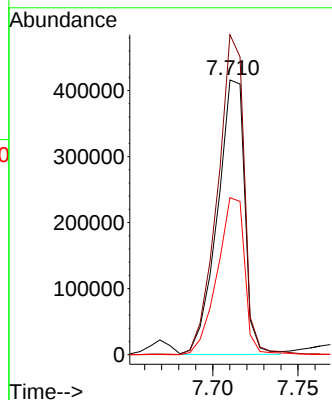
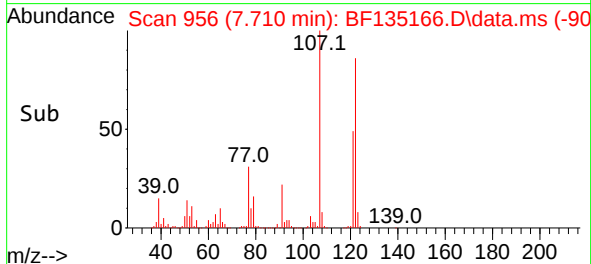
Tgt Ion:	122	Resp:	463138
Ion Ratio	Lower	Upper	
122	100		
107	116.5	90.2	135.4
121	57.2	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 80.301 ng

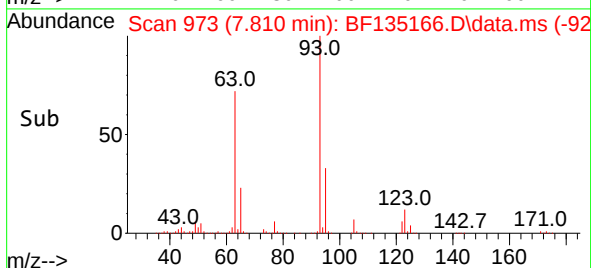
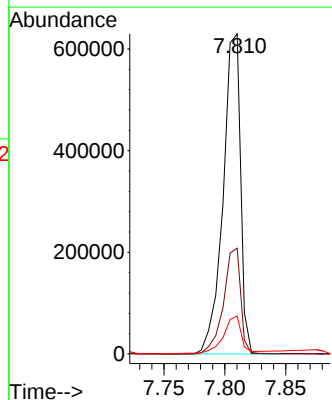
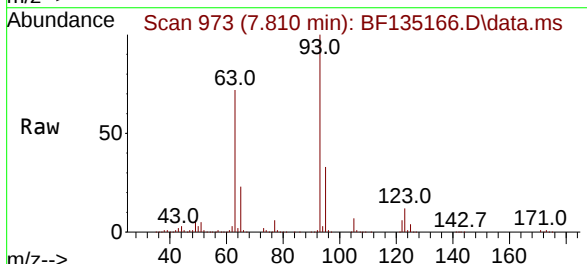
RT: 7.810 min Scan# 973

Delta R.T. 0.012 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Tgt Ion:	93	Resp:	631996
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.2	39.2
123	11.9	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 79.788 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 42215

Ion Ratio Lower Upper

162 100

164 62.7 44.1 84.1

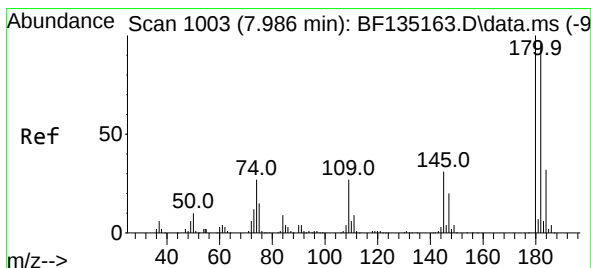
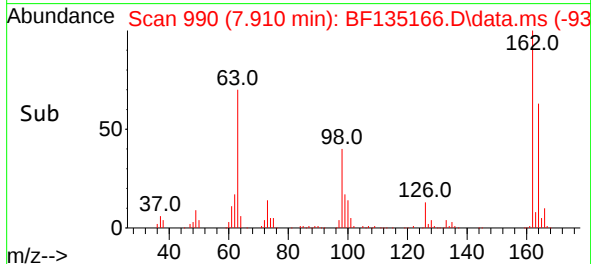
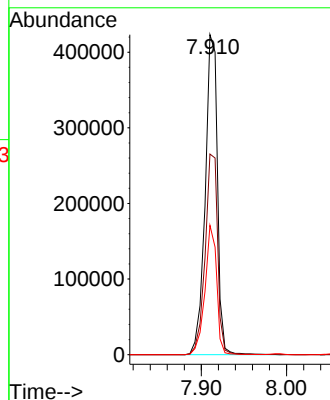
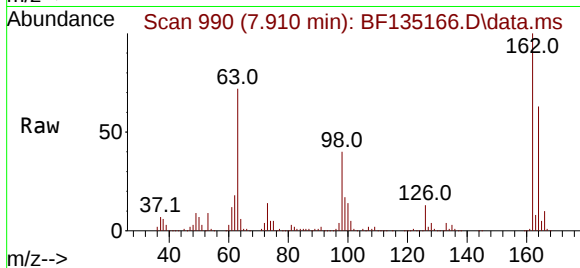
98 40.4 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 78.543 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

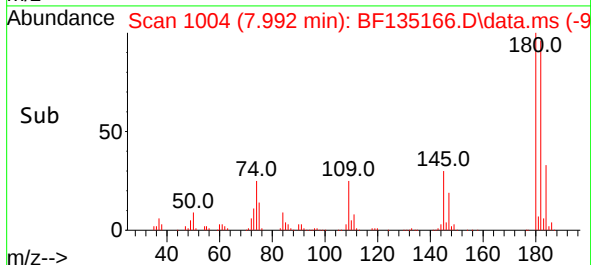
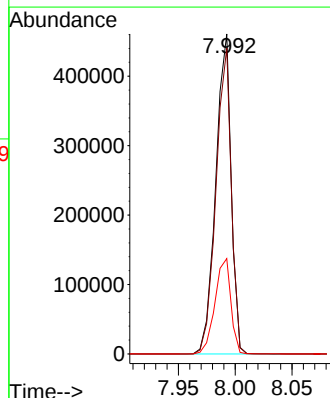
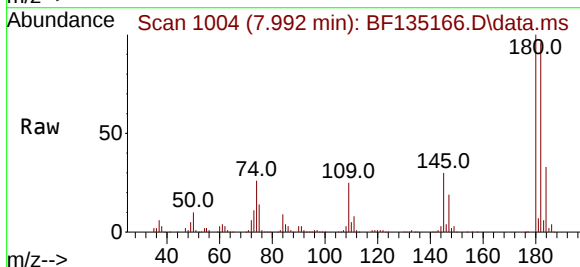
Tgt Ion:180 Resp: 434357

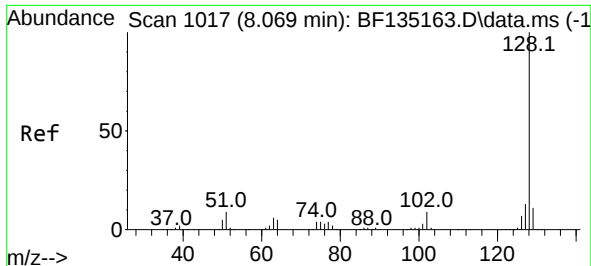
Ion Ratio Lower Upper

180 100

182 95.6 76.9 115.3

145 29.8 24.5 36.7





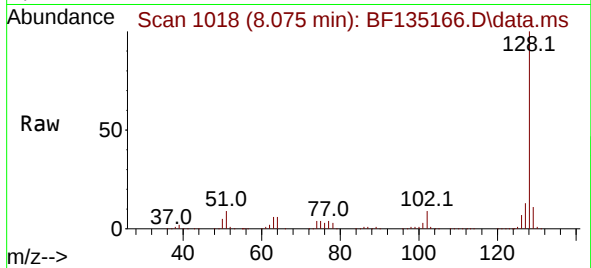
#31
Naphthalene
Concen: 77.296 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

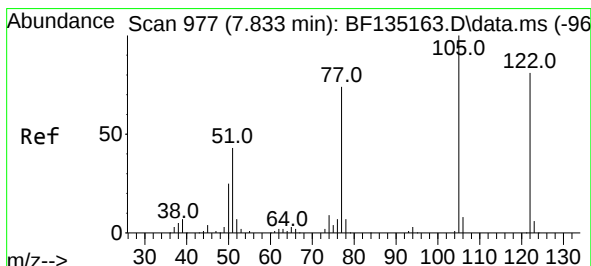
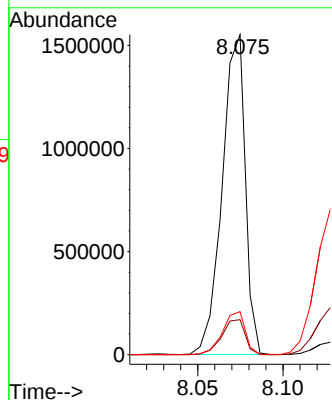
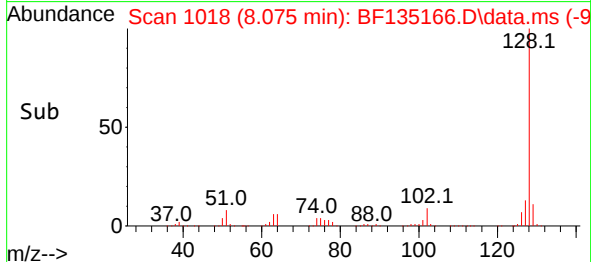


Tgt Ion:128 Resp: 146111
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.7 16.1

Manual Integrations

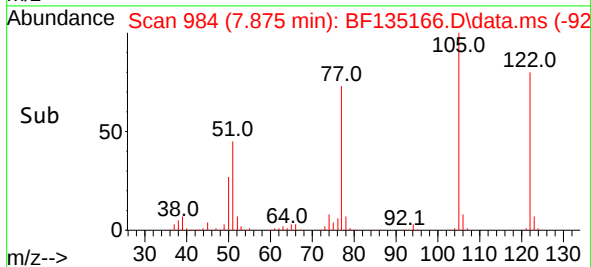
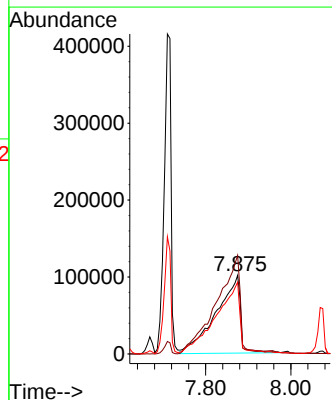
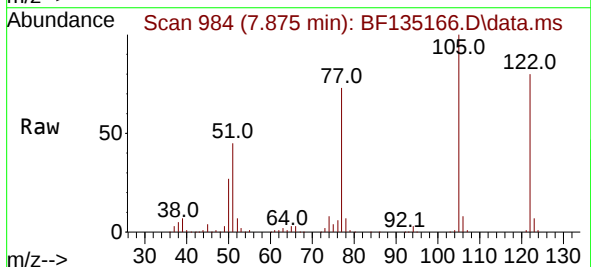
APPROVED

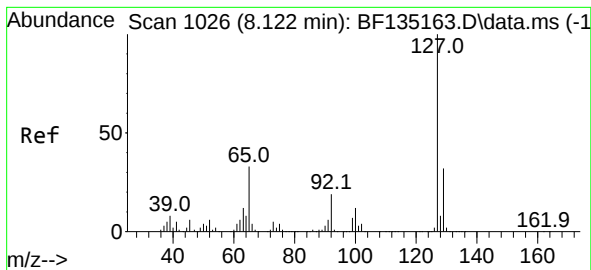
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#32
Benzoic acid
Concen: 93.577 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.041 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Tgt Ion:122 Resp: 398504
Ion Ratio Lower Upper
122 100
105 125.4 99.9 139.9
77 91.5 70.0 110.0





#33

4-Chloroaniline

Concen: 76.637 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.006 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 63558

Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.8

65 34.1 26.6 39.8

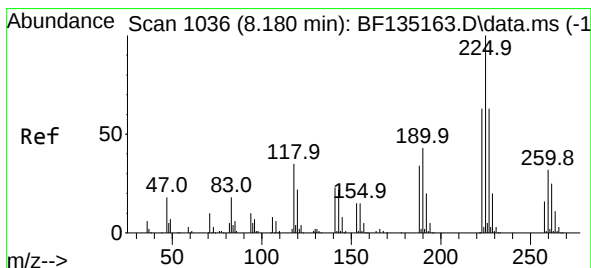
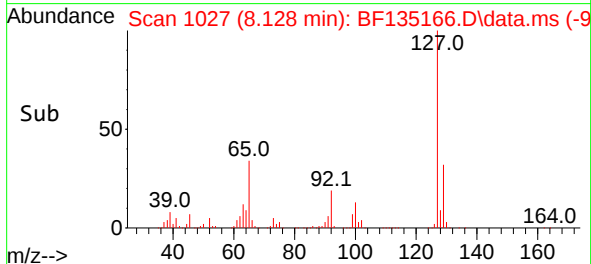
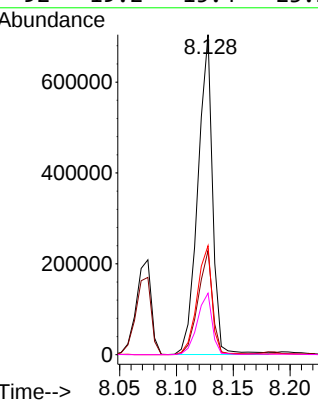
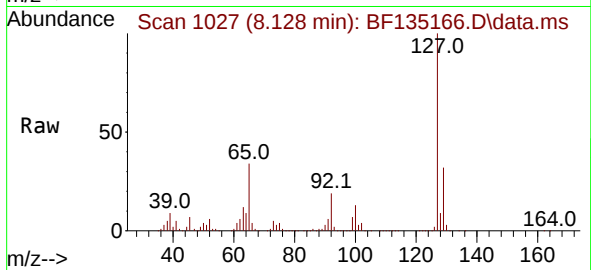
92 19.2 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#34

Hexachlorobutadiene

Concen: 79.062 ng

RT: 8.187 min Scan# 1037

Delta R.T. 0.006 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

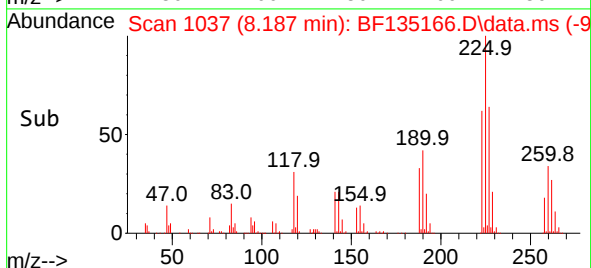
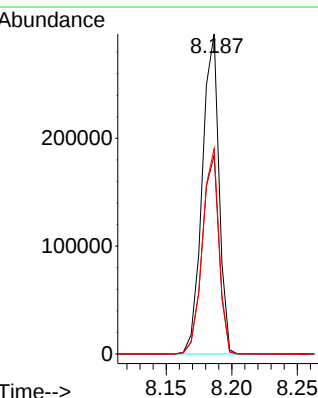
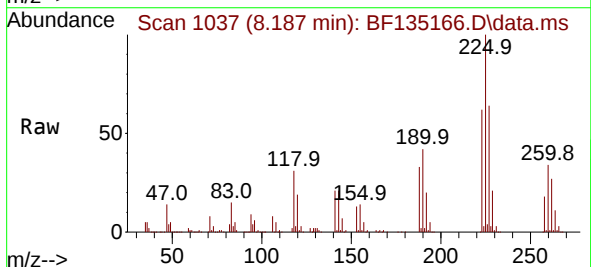
Tgt Ion:225 Resp: 263642

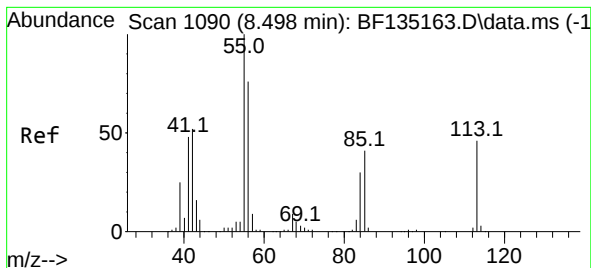
Ion Ratio Lower Upper

225 100

223 62.1 50.6 75.8

227 64.2 50.8 76.2





#35

Caprolactam

Concen: 85.074 ng m

RT: 8.528 min Scan# 1105

Delta R.T. 0.030 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

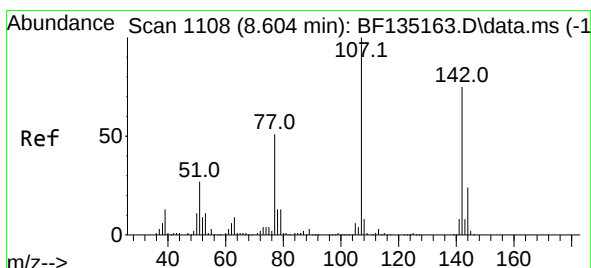
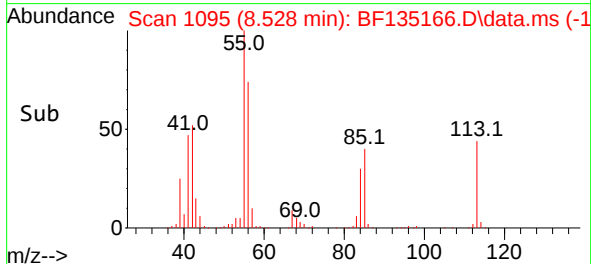
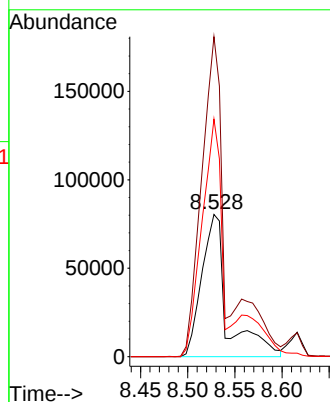
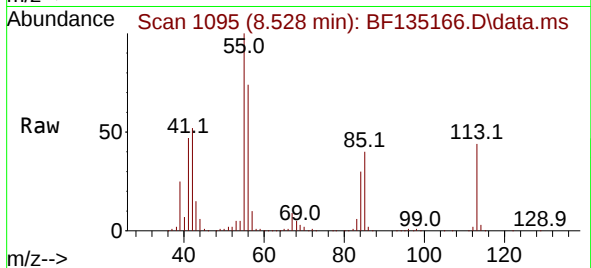
Tgt Ion:	113	Resp:	15105
Ion Ratio	Lower	Upper	
113	100		
55	224.8	199.3	239.3
56	166.9	146.3	186.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#36

4-Chloro-3-methylphenol

Concen: 79.504 ng

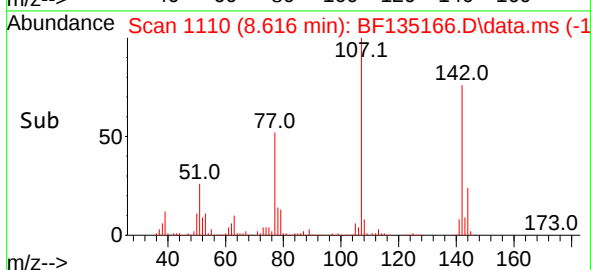
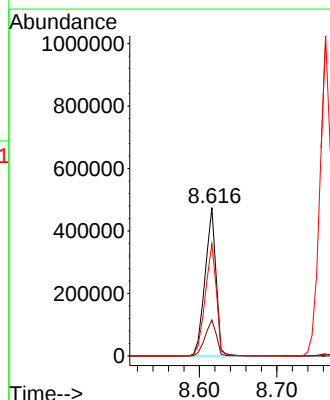
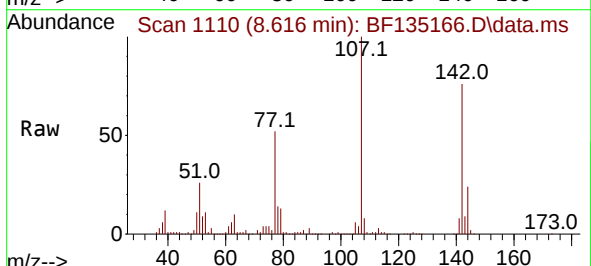
RT: 8.616 min Scan# 1110

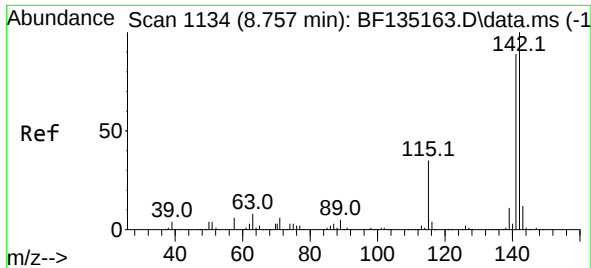
Delta R.T. 0.012 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Tgt Ion:	107	Resp:	467520
Ion Ratio	Lower	Upper	
107	100		
144	24.2	19.0	28.4
142	75.6	60.2	90.2





#37
2-Methylnaphthalene
Concen: 75.835 ng
RT: 8.763 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

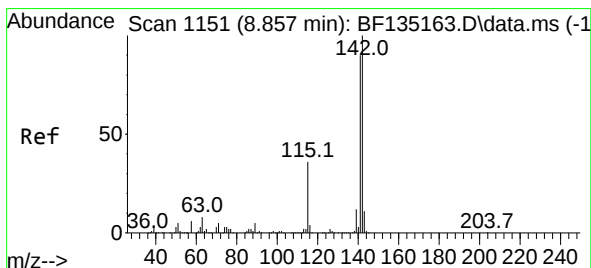
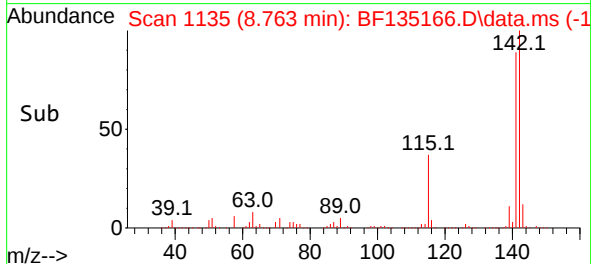
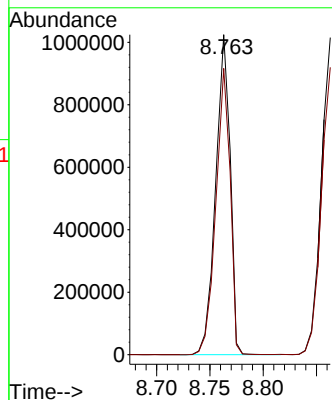
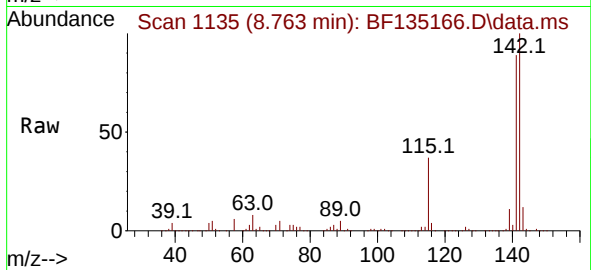
SSTDICC080

Tgt Ion:142 Resp: 96358
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6

Manual Integrations

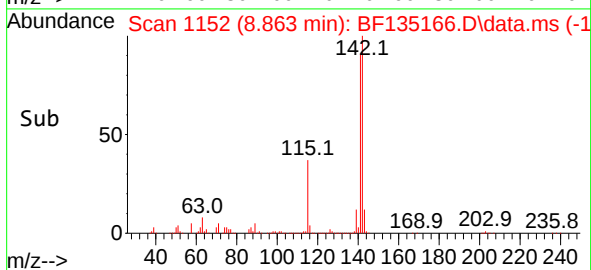
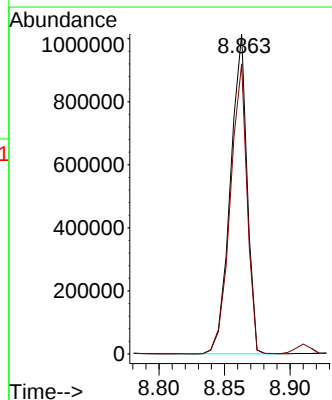
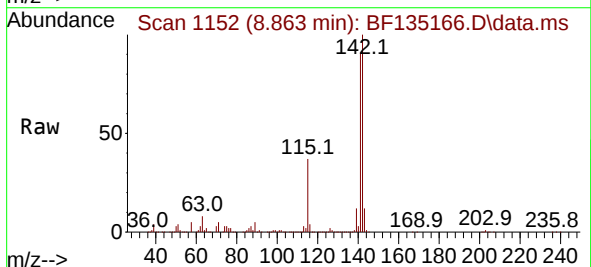
APPROVED

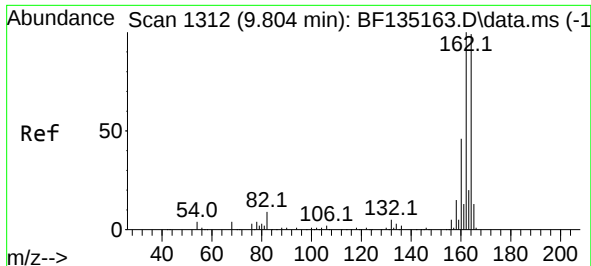
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#38
1-Methylnaphthalene
Concen: 75.661 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Tgt Ion:142 Resp: 900075
Ion Ratio Lower Upper
142 100
141 90.6 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF135166.D

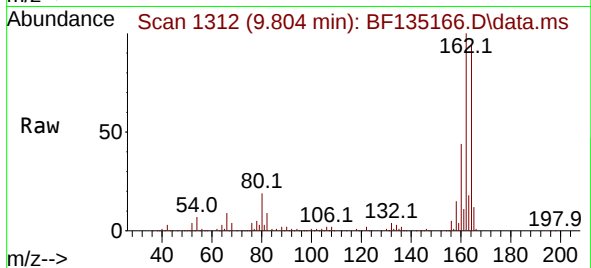
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:164 Resp: 196640

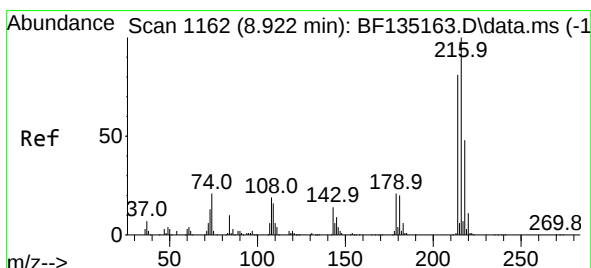
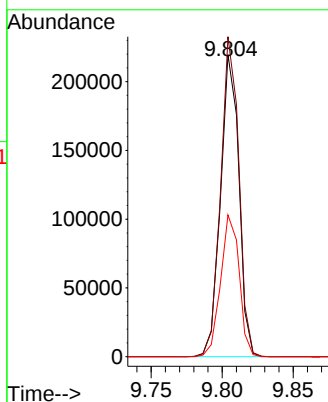
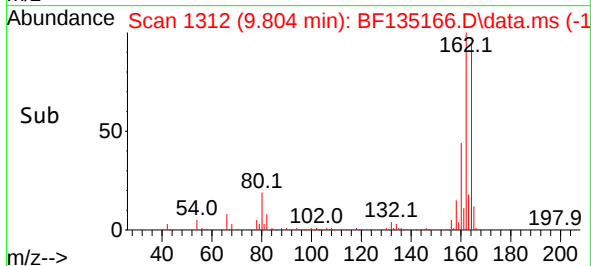
Ion	Ratio	Lower	Upper
164	100		
162	105.9	81.0	121.4
160	46.9	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 77.648 ng

RT: 8.928 min Scan# 1163

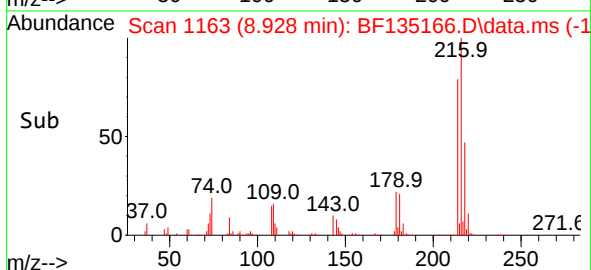
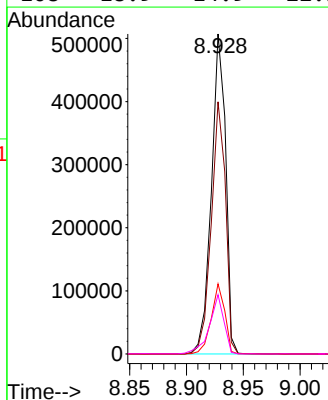
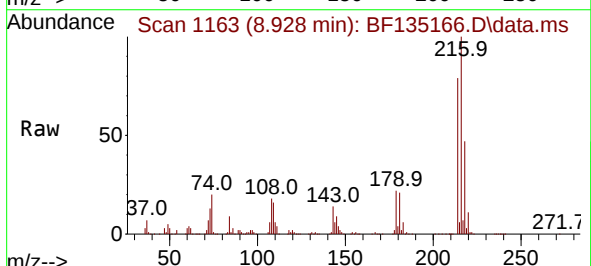
Delta R.T. 0.006 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Tgt Ion:216 Resp: 442360

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.7	95.5
179	20.8	16.7	25.1
108	18.9	14.9	22.3





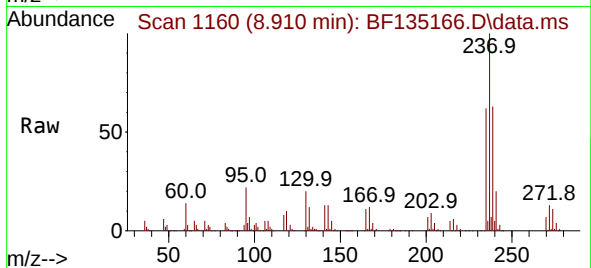
#41
Hexachlorocyclopentadiene
Concen: 83.072 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

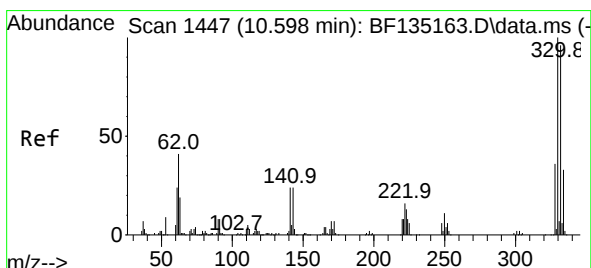
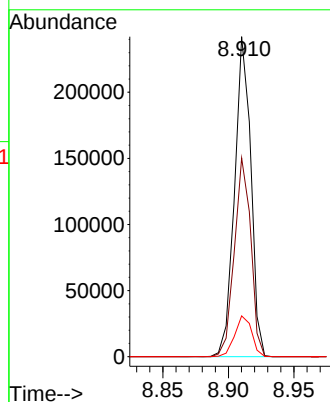
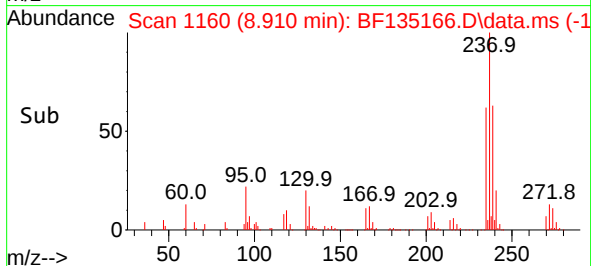


Tgt Ion:237 Resp: 209310
Ion Ratio Lower Upper
237 100
235 62.1 41.8 81.8
272 12.8 0.0 33.6

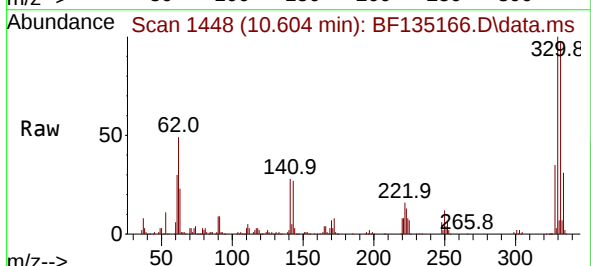
Manual Integrations

APPROVED

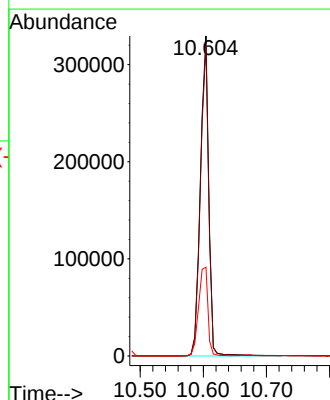
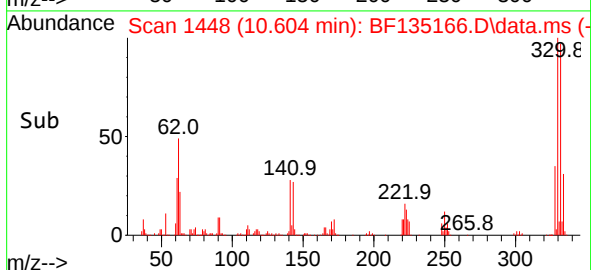
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

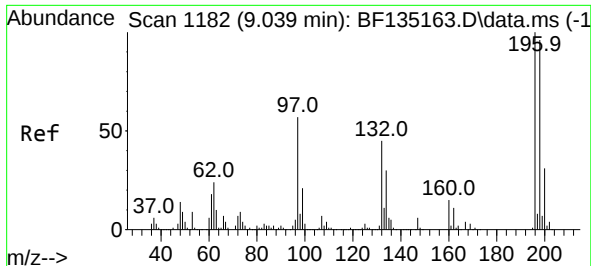


#42
2,4,6-Tribromophenol
Concen: 154.830 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34



Tgt Ion:330 Resp: 302567
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 30.9 25.8 38.8





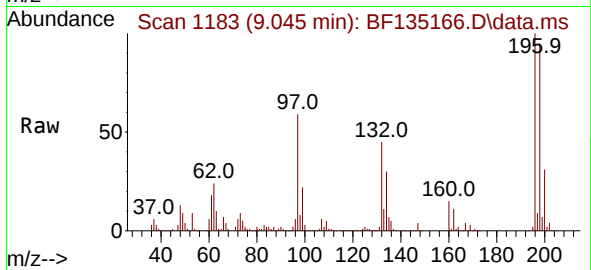
#43
2,4,6-Trichlorophenol
Concen: 80.845 ng
RT: 9.045 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

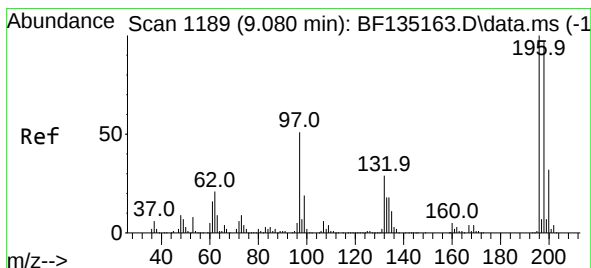
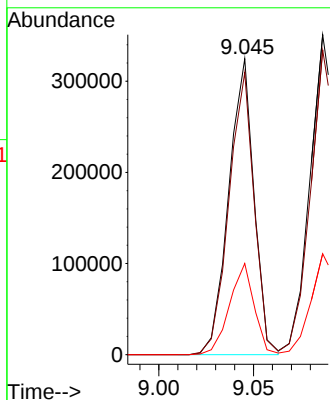
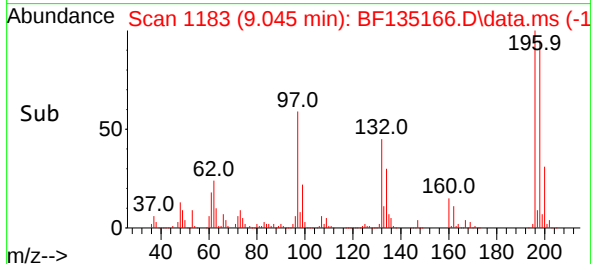


Tgt Ion:196 Resp: 301550
Ion Ratio Lower Upper
196 100
198 95.3 77.0 115.6
200 30.8 24.5 36.7

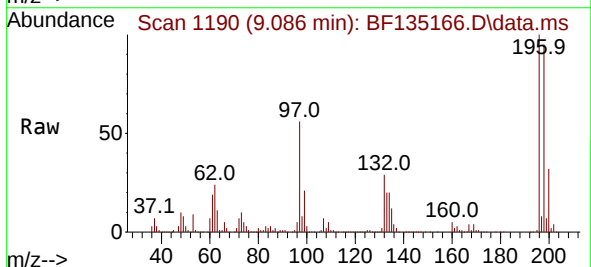
Manual Integrations

APPROVED

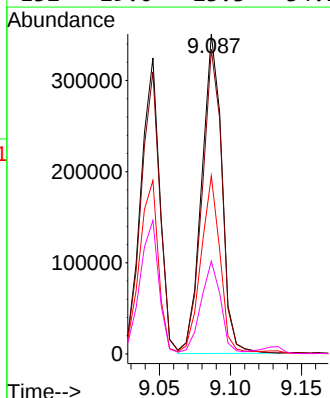
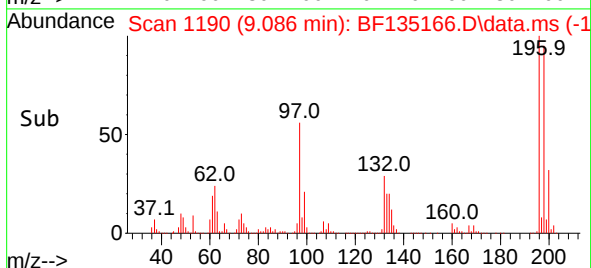
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

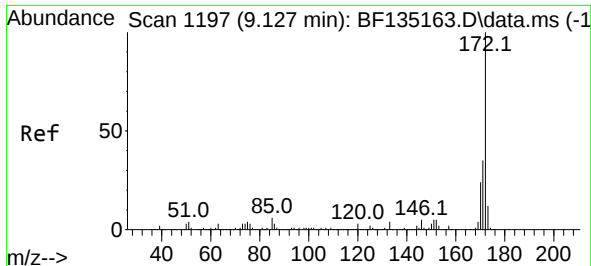


#44
2,4,5-Trichlorophenol
Concen: 80.556 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34



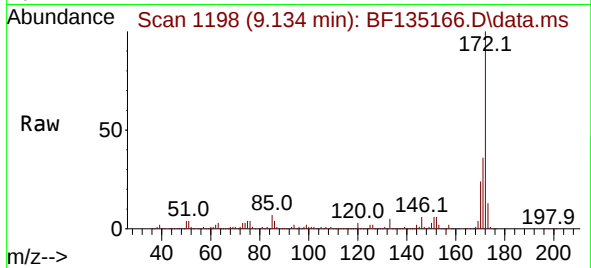
Tgt Ion:196 Resp: 346036
Ion Ratio Lower Upper
196 100
198 95.2 77.5 116.3
97 55.7 40.5 60.7
132 29.0 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 141.717 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

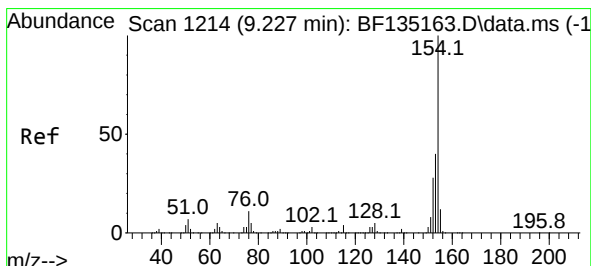
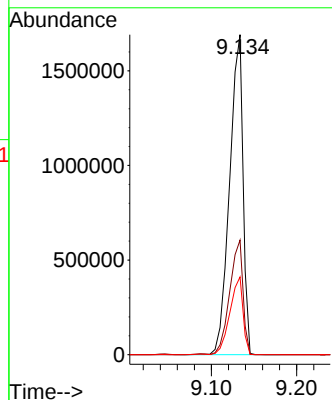
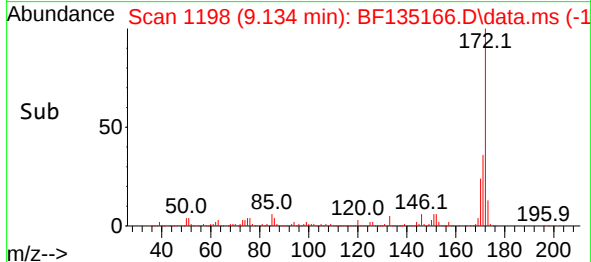
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:172 Resp: 184713
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.3 19.0 28.4

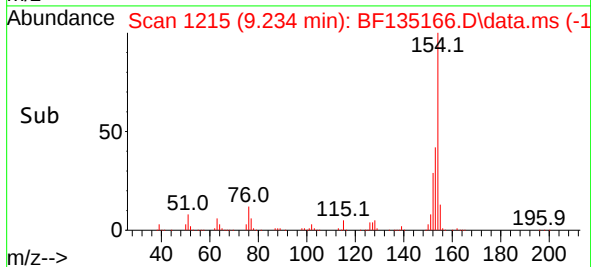
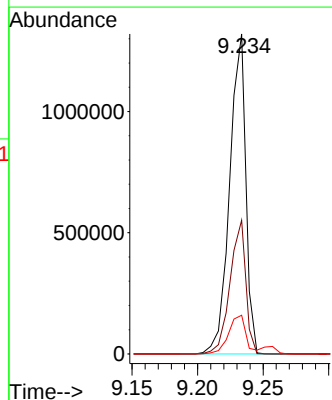
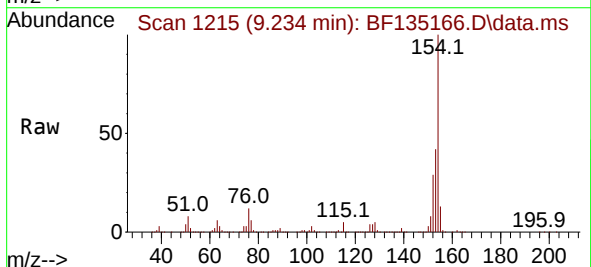
Manual Integrations
APPROVED

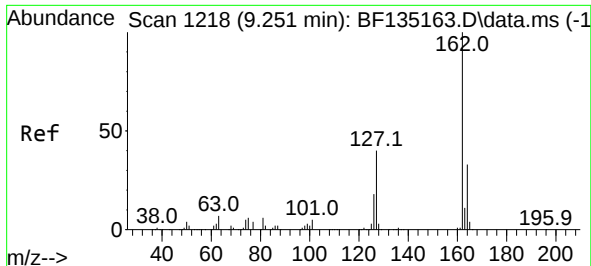
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#46
1,1'-Biphenyl
Concen: 74.719 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Tgt Ion:154 Resp: 1129147
Ion Ratio Lower Upper
154 100
153 41.8 19.6 59.6
76 12.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 76.428 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

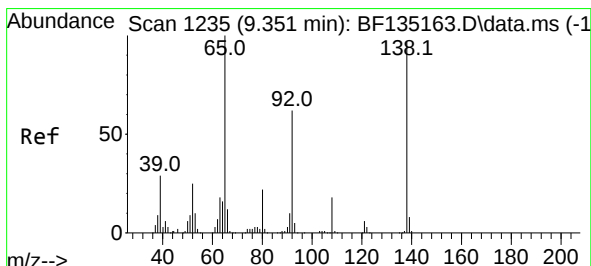
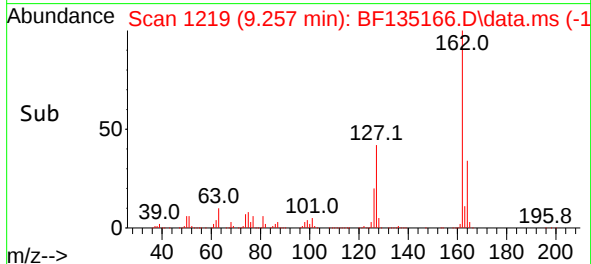
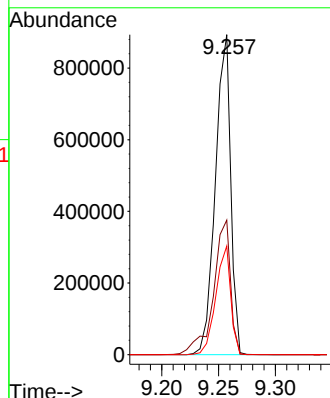
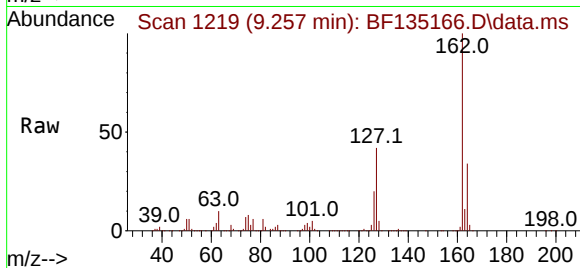
SSTDICC080

Tgt Ion:162 Resp: 838004
 Ion Ratio Lower Upper
 162 100
 127 42.0 32.6 48.8
 164 33.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023



#48

2-Nitroaniline

Concen: 82.905 ng

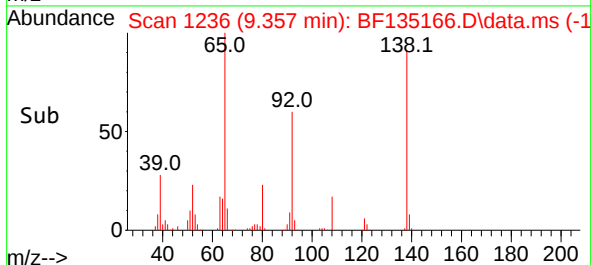
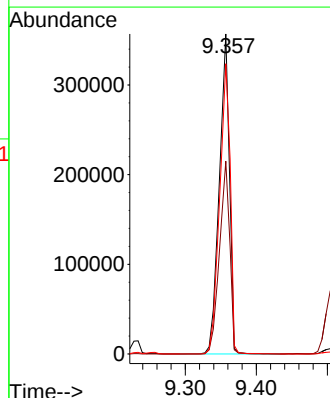
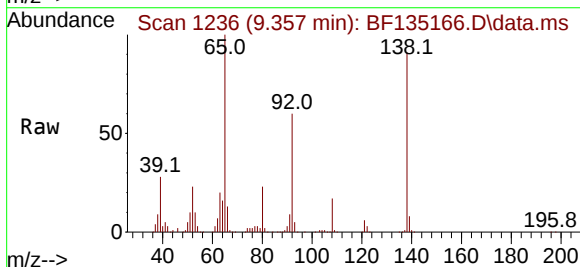
RT: 9.357 min Scan# 1236

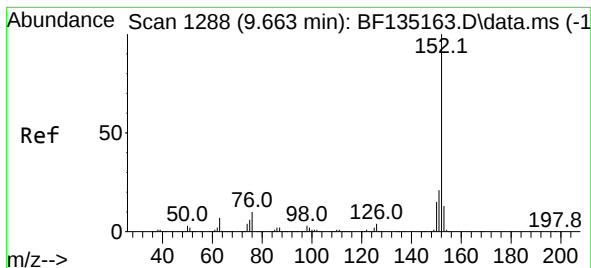
Delta R.T. 0.006 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Tgt Ion: 65 Resp: 353151
 Ion Ratio Lower Upper
 65 100
 92 60.2 49.4 74.0
 138 90.7 77.4 116.0





#49

Acenaphthylene

Concen: 73.900 ng

RT: 9.669 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 1346624

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

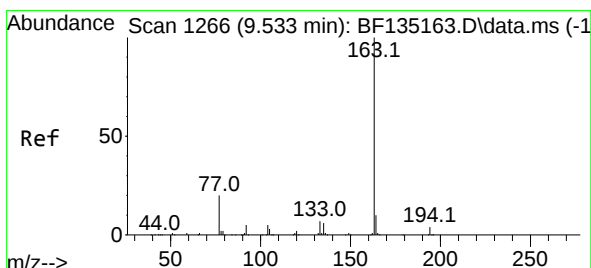
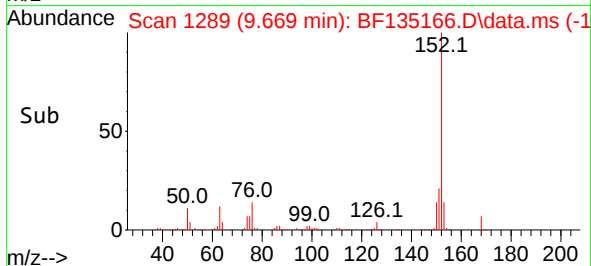
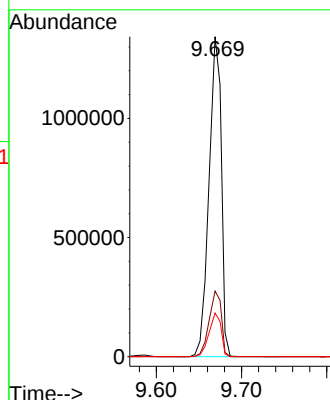
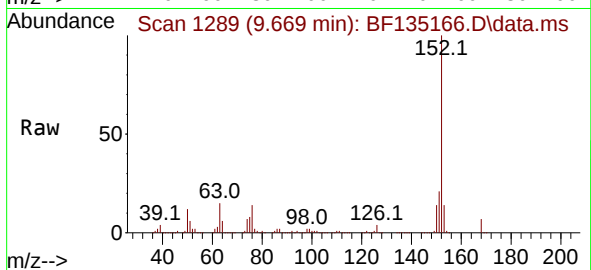
153 13.6 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#50

Dimethylphthalate

Concen: 78.931 ng

RT: 9.545 min Scan# 1268

Delta R.T. 0.012 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

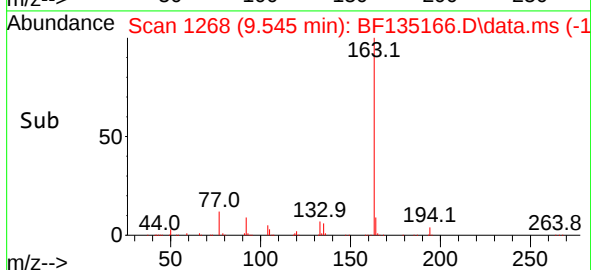
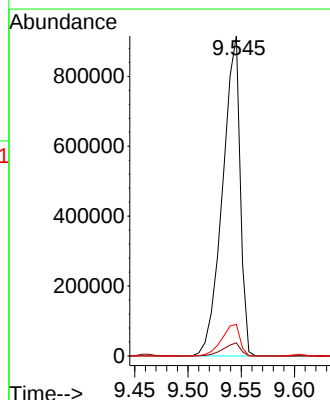
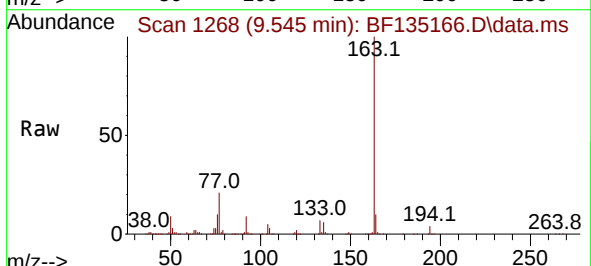
Tgt Ion:163 Resp: 1049412

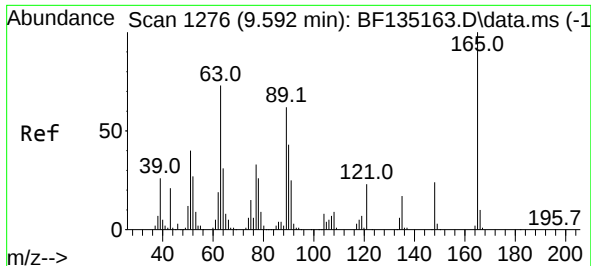
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 80.485 ng

RT: 9.604 min Scan# 1319

Delta R.T. 0.012 min

Lab File: BF135166.D

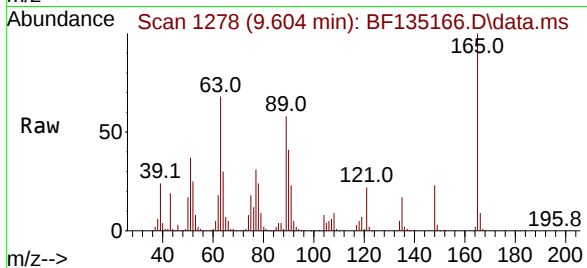
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



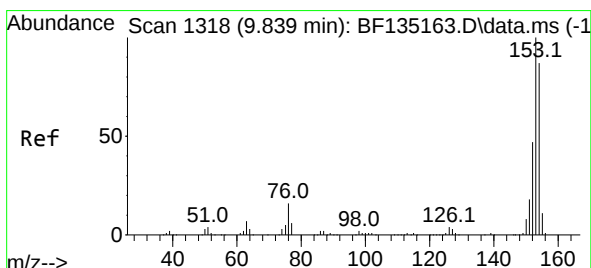
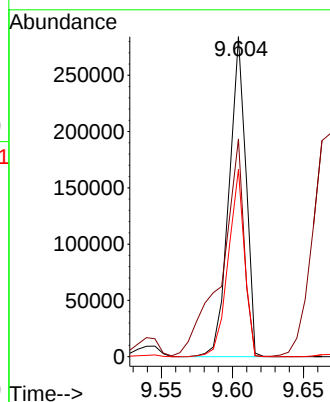
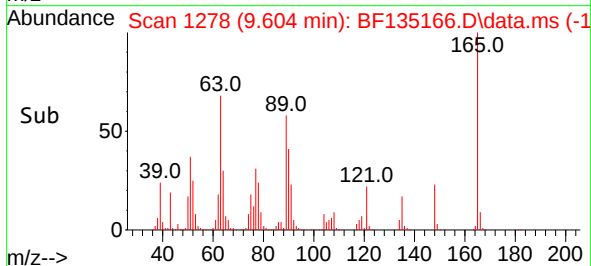
Tgt Ion:	165	Resp:	23441
Ion Ratio	Lower	Upper	
165	100		
63	68.0	59.4	89.2
89	58.5	49.8	74.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#52

Acenaphthene

Concen: 75.714 ng

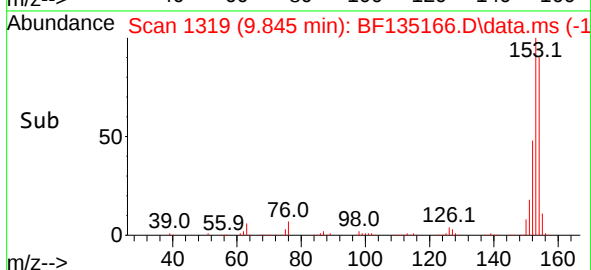
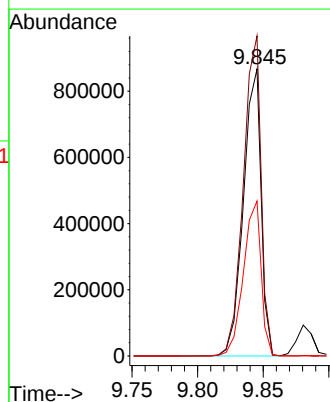
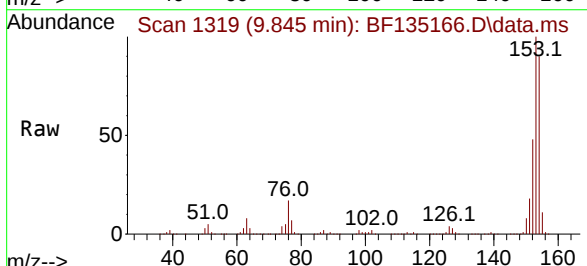
RT: 9.845 min Scan# 1319

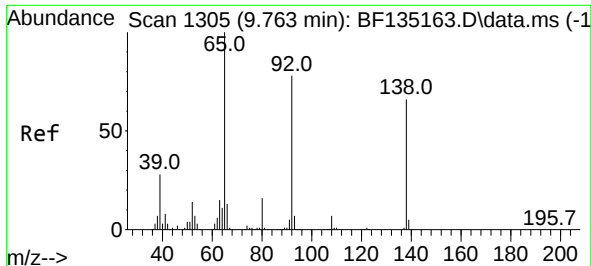
Delta R.T. 0.006 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Tgt Ion:	154	Resp:	815044
Ion Ratio	Lower	Upper	
154	100		
153	111.6	92.1	138.1
152	54.0	43.1	64.7





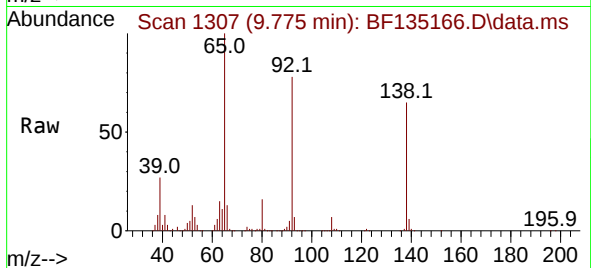
#53
3-Nitroaniline
Concen: 80.579 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.012 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

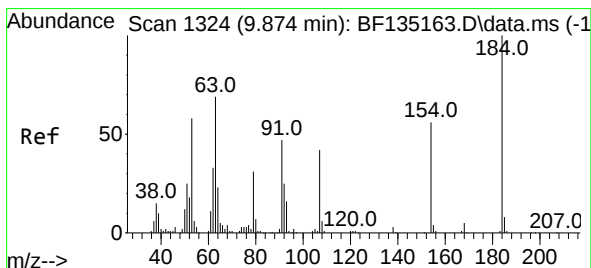
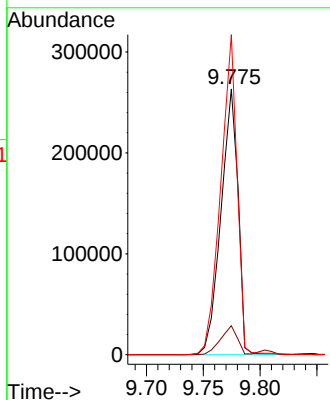
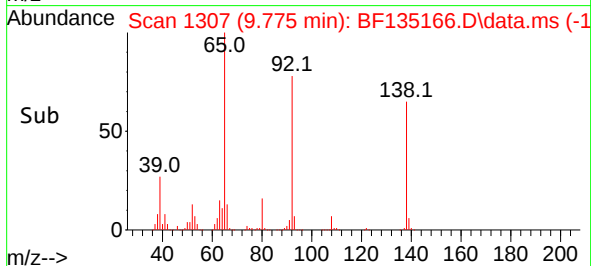


Tgt Ion:138 Resp: 275488
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 120.4 95.4 143.0

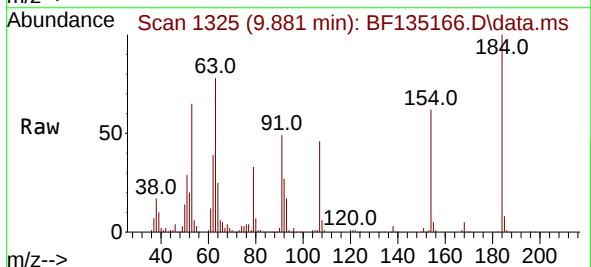
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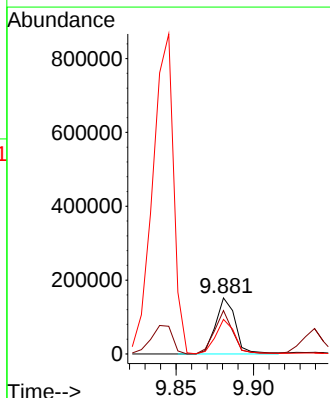
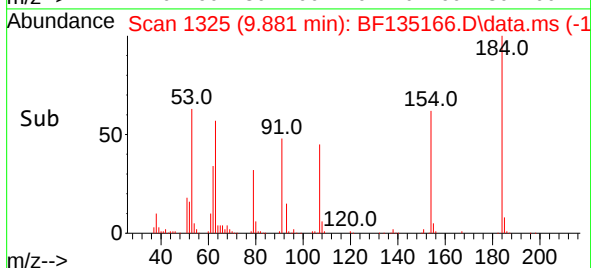
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

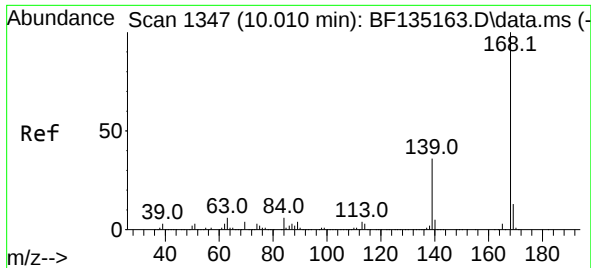


#54
2,4-Dinitrophenol
Concen: 81.779 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.007 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34



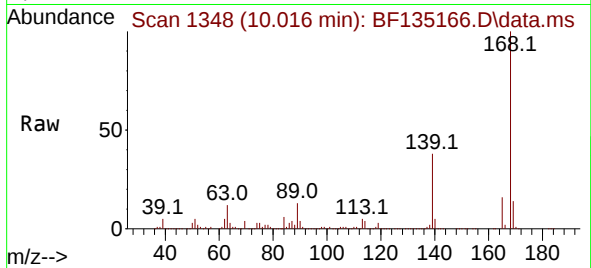
Tgt Ion:184 Resp: 135466
Ion Ratio Lower Upper
184 100
63 77.5 55.1 82.7
154 61.6 48.4 72.6





#55
Dibenzenofuran
Concen: 70.949 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

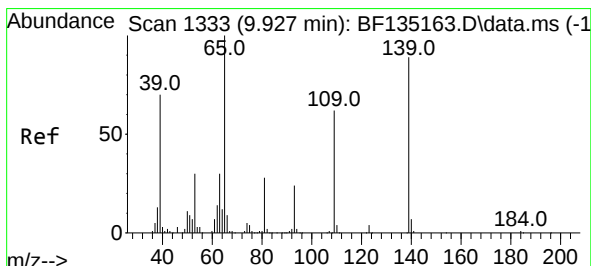
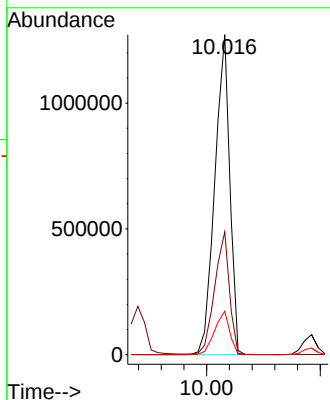
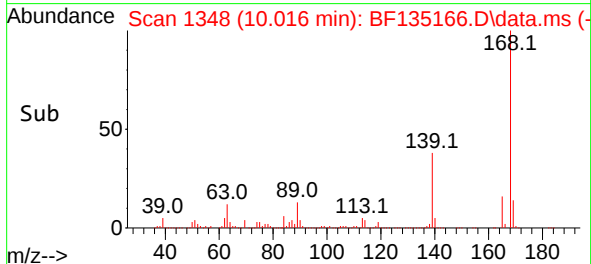
Instrument :
BNA_F
Client SampleId :
SSTDICC080



Tgt Ion:168 Resp: 116547
Ion Ratio Lower Upper
168 100
139 38.4 29.0 43.6
169 13.6 10.4 15.6

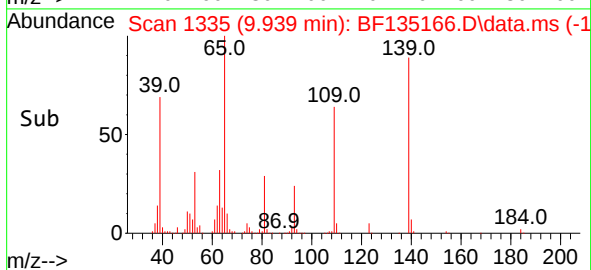
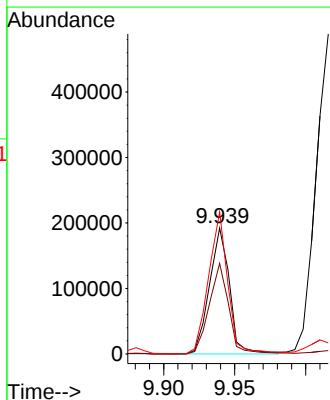
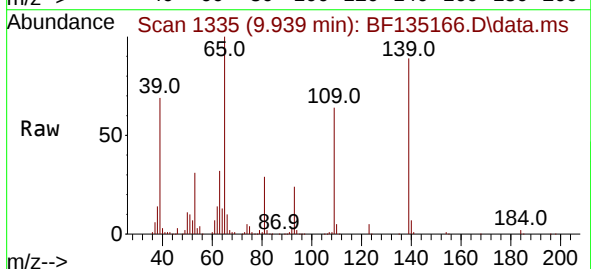
Manual Integrations
APPROVED

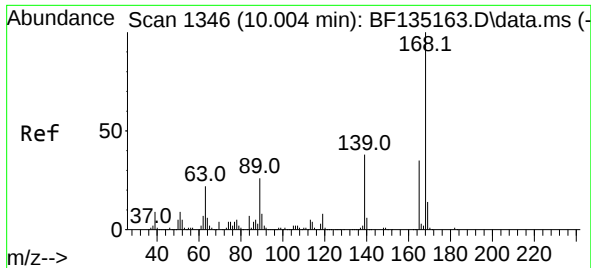
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#56
4-Nitrophenol
Concen: 87.134 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Tgt Ion:139 Resp: 189329
Ion Ratio Lower Upper
139 100
109 71.9 49.8 89.8
65 112.8 92.7 132.7





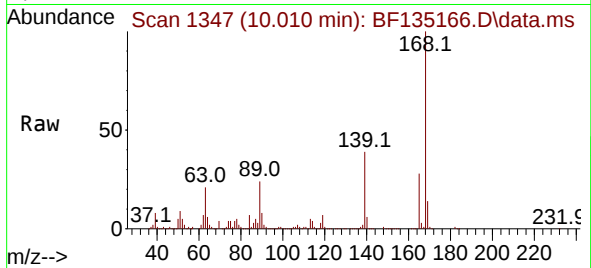
#57
2,4-Dinitrotoluene
Concen: 74.165 ng
RT: 10.010 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

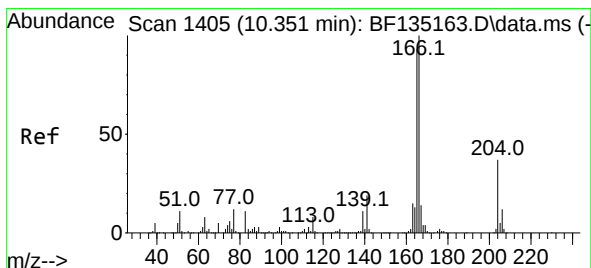
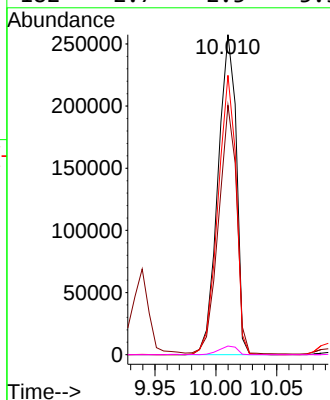
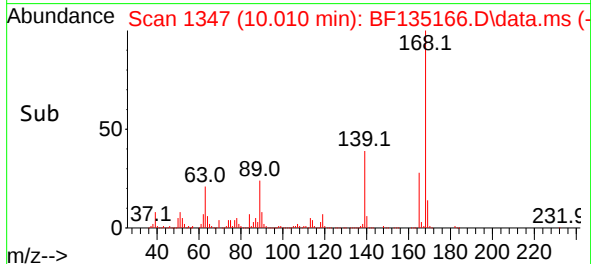


Tgt Ion:165 Resp: 270425
Ion Ratio Lower Upper
165 100
63 78.0 50.1 75.1
89 87.3 59.3 88.9
182 2.7 2.3 3.5

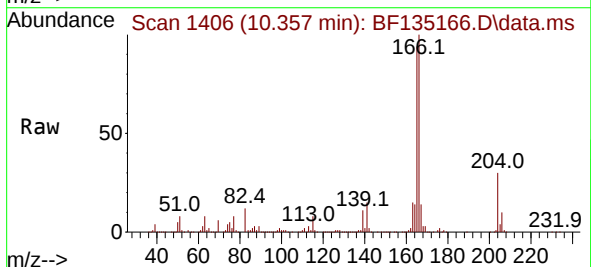
Manual Integrations

APPROVED

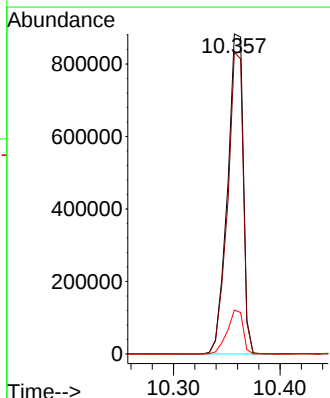
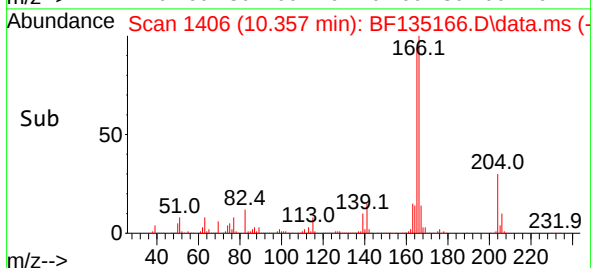
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

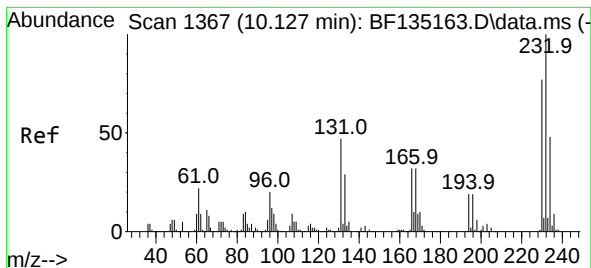


#58
Fluorene
Concen: 72.050 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34



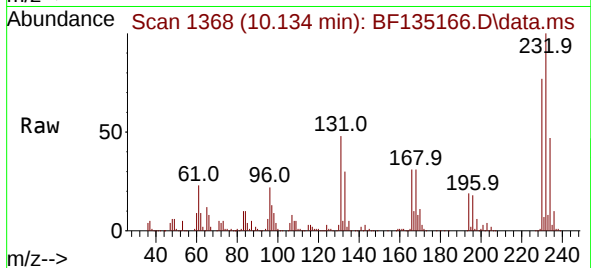
Tgt Ion:166 Resp: 909878
Ion Ratio Lower Upper
166 100
165 94.3 74.3 111.5
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 80.231 ng
RT: 10.134 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

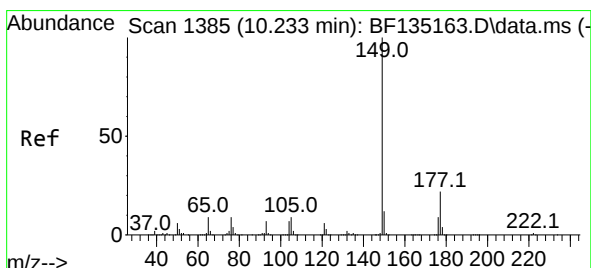
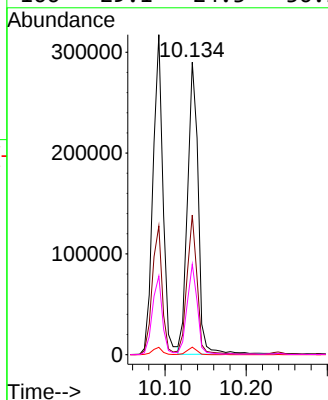
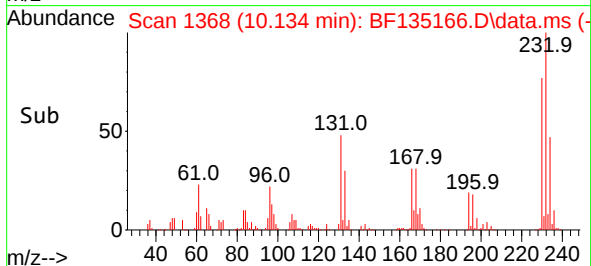
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



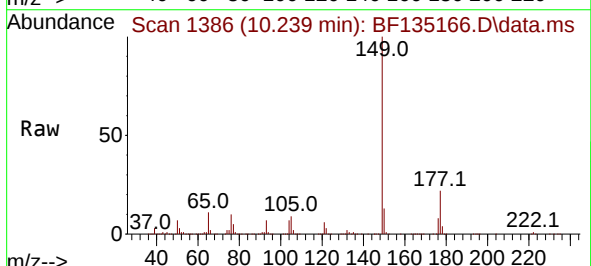
Tgt Ion:232 Resp: 26511
Ion Ratio Lower Upper
232 100
131 45.3 35.4 53.2
130 2.3 1.8 2.8
166 29.1 24.3 36.5

Manual Integrations
APPROVED

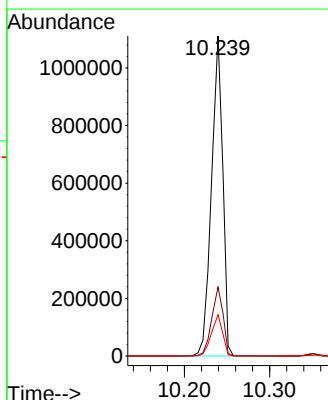
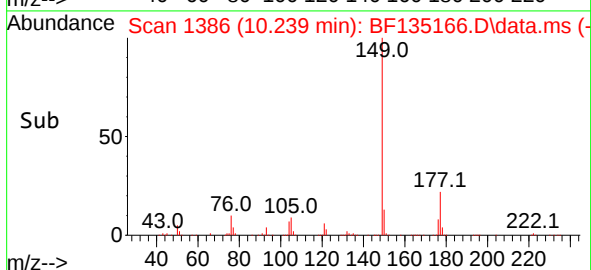
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

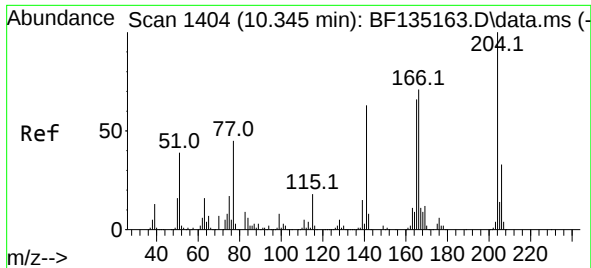


#60
Diethylphthalate
Concen: 76.506 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34



Tgt Ion:149 Resp: 1020822
Ion Ratio Lower Upper
149 100
177 21.5 17.8 26.6
150 12.9 10.0 15.0





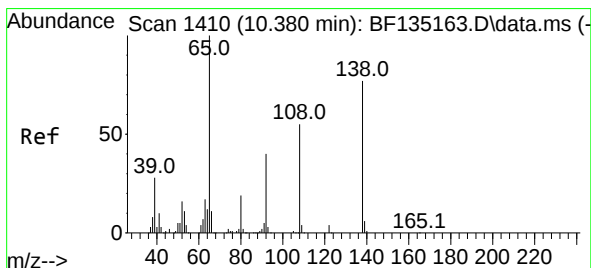
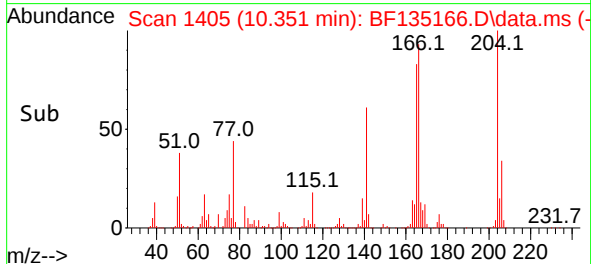
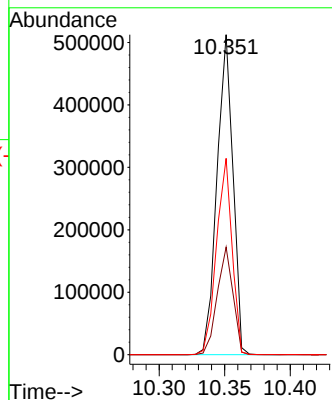
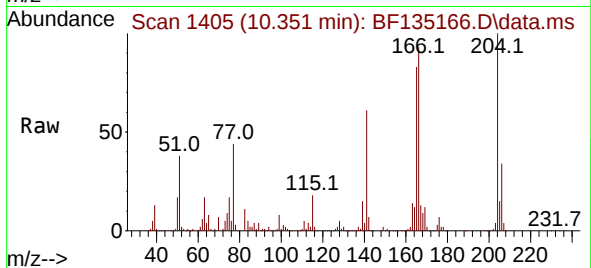
#61
4-Chlorophenyl-phenylether
Concen: 71.380 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 433000
Ion Ratio Lower Upper
204 100
206 33.6 26.7 40.1
141 61.4 50.6 75.8

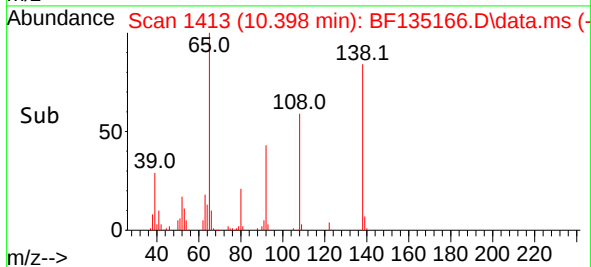
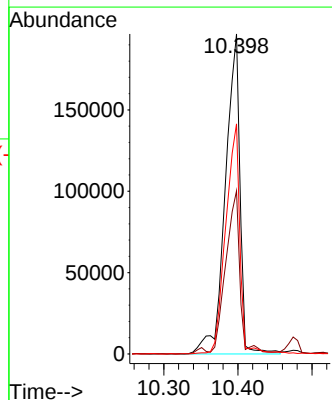
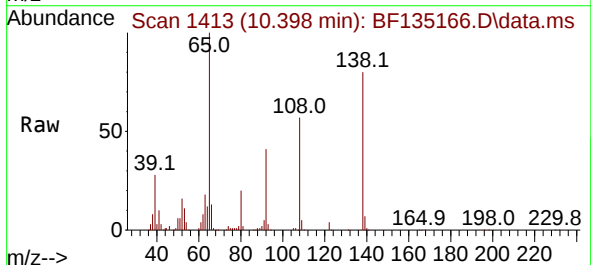
Manual Integrations
APPROVED

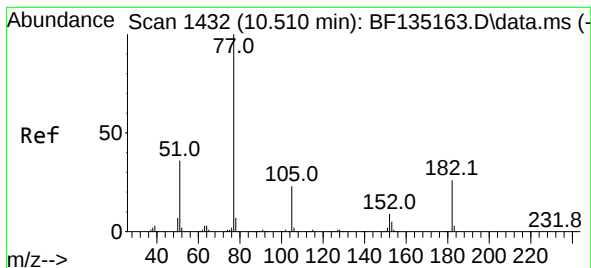
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#62
4-Nitroaniline
Concen: 81.966 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.018 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

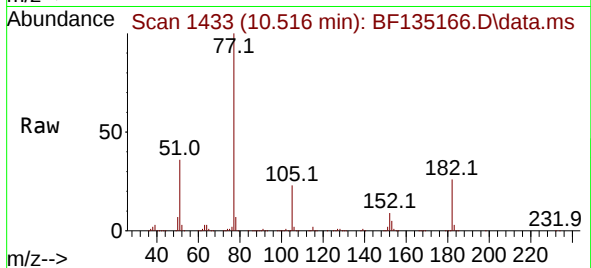
Tgt Ion:138 Resp: 269368
Ion Ratio Lower Upper
138 100
92 51.0 31.8 71.8
108 71.9 52.0 92.0





#63
Azobenzene
Concen: 77.893 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

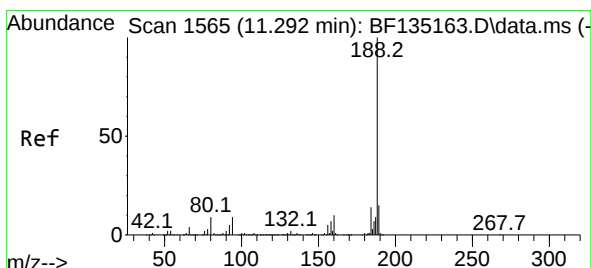
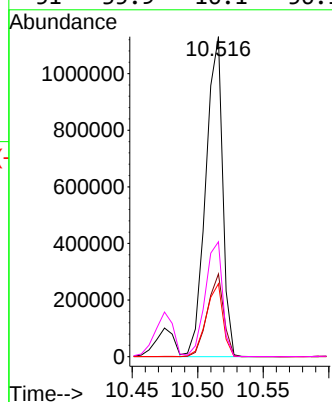
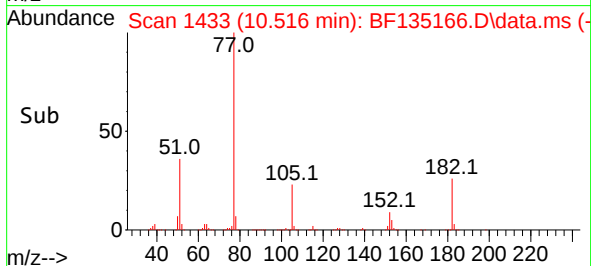
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 101718
Ion Ratio Lower Upper
77 100
182 25.9 6.4 46.4
105 22.8 3.1 43.1
51 35.9 16.1 56.1

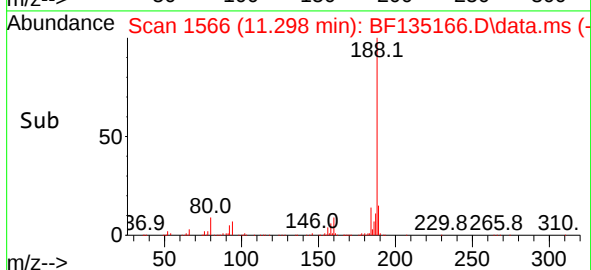
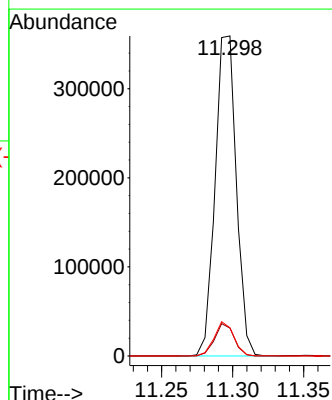
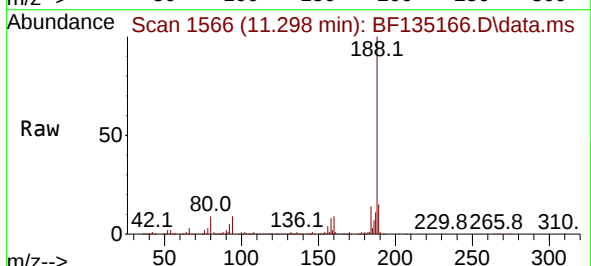
Manual Integrations
APPROVED

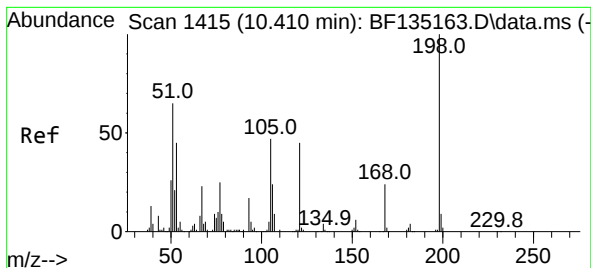
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

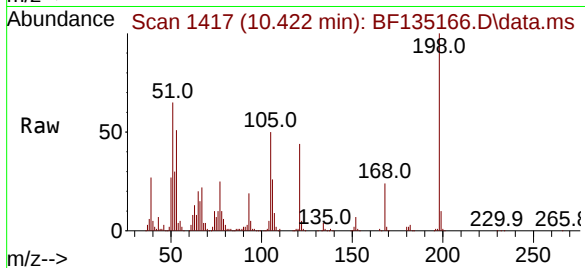
Tgt Ion:188 Resp: 373127
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 8.8 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 89.753 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

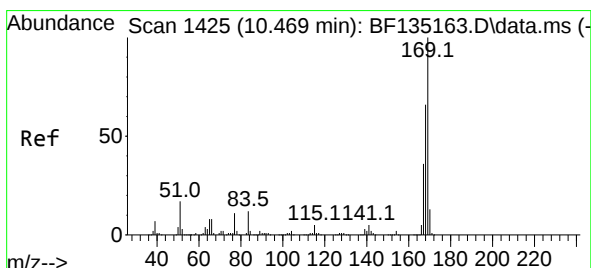
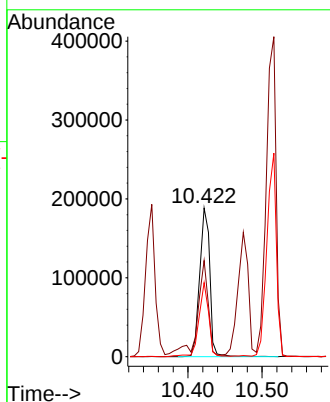
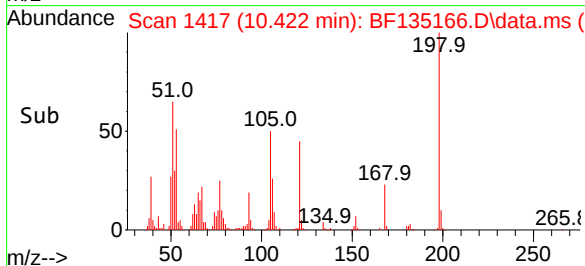
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



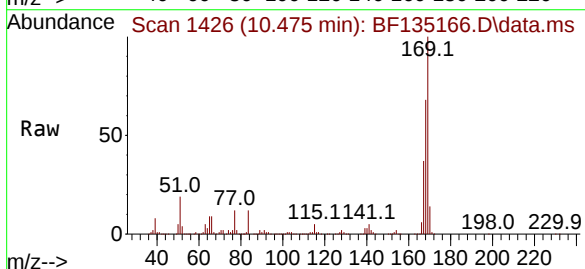
Tgt Ion:198 Resp: 177872
Ion Ratio Lower Upper
198 100
51 64.7 47.7 87.7
105 49.9 27.4 67.4

Manual Integrations
APPROVED

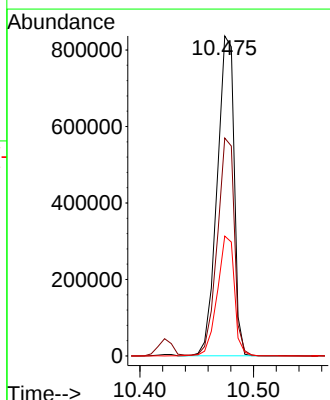
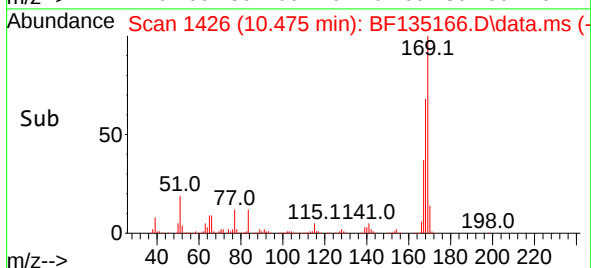
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

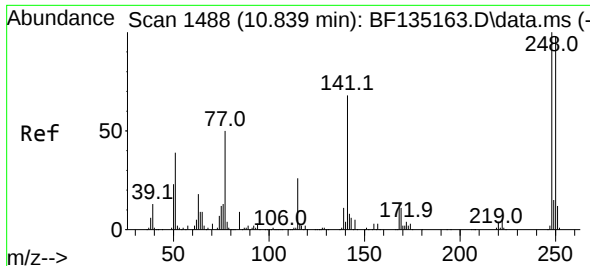


#66
n-Nitrosodiphenylamine
Concen: 77.097 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34



Tgt Ion:169 Resp: 870914
Ion Ratio Lower Upper
169 100
168 68.1 52.8 79.2
167 37.4 29.0 43.6





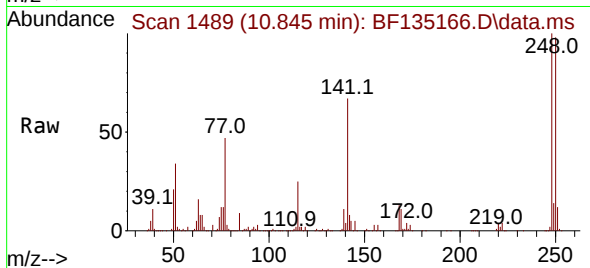
#67
4-Bromophenyl-phenylether
Concen: 78.043 ng
RT: 10.845 min Scan# 1488
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

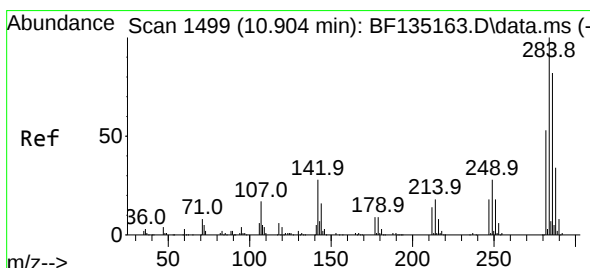
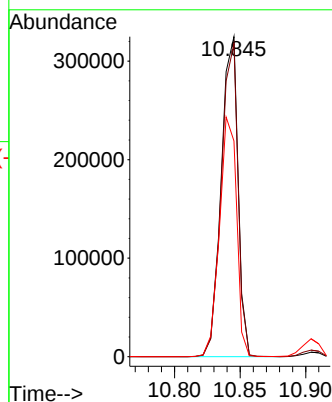
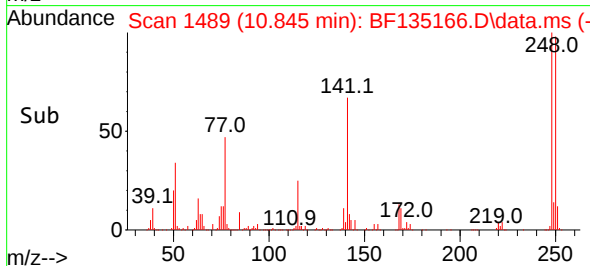


Tgt Ion:248 Resp: 289620
Ion Ratio Lower Upper
248 100
250 97.8 78.6 117.8
141 67.4 54.2 81.2

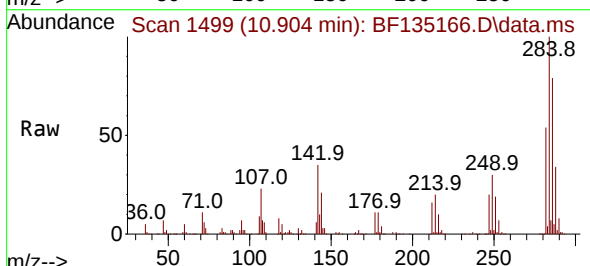
Manual Integrations

APPROVED

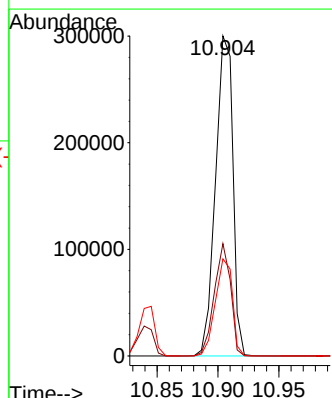
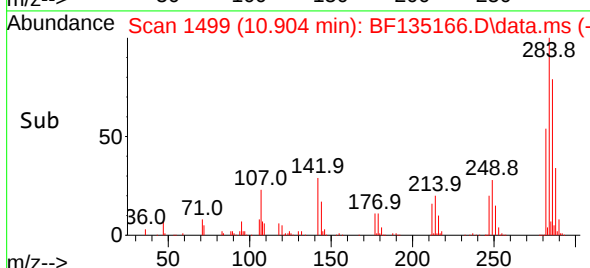
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

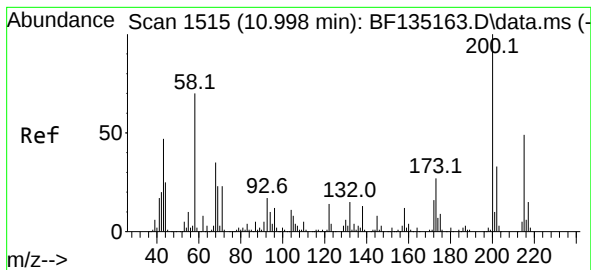


#68
Hexachlorobenzene
Concen: 78.606 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34



Tgt Ion:284 Resp: 297186
Ion Ratio Lower Upper
284 100
142 35.1 22.2 33.4#
249 30.4 22.5 33.7





#69

Atrazine

Concen: 73.653 ng

RT: 11.010 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF135166.D

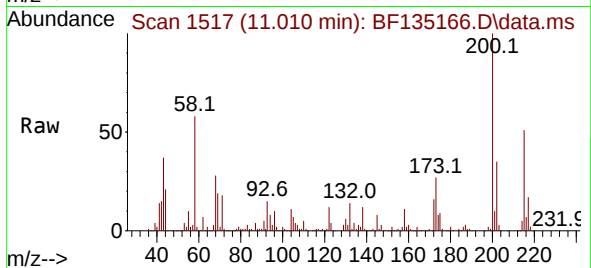
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:200 Resp: 223870

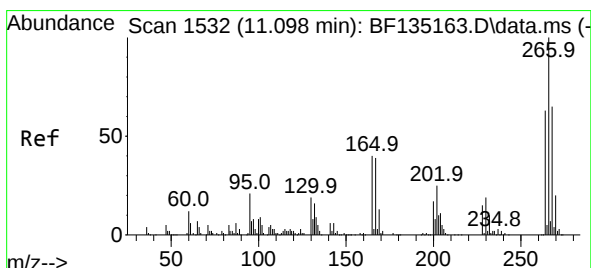
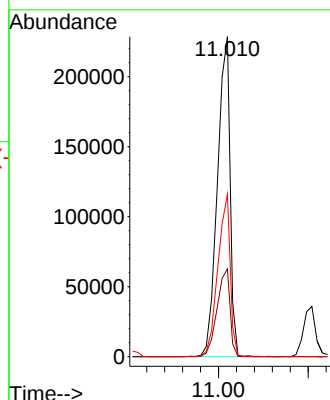
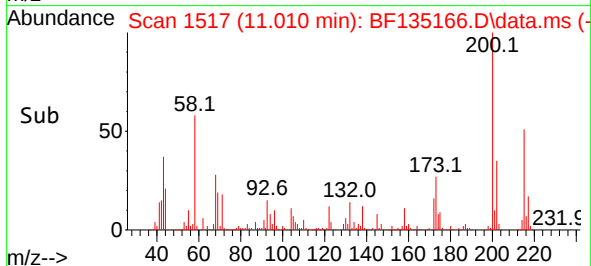
Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.4	47.4
215	50.8	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#70

Pentachlorophenol

Concen: 86.682 ng

RT: 11.104 min Scan# 1533

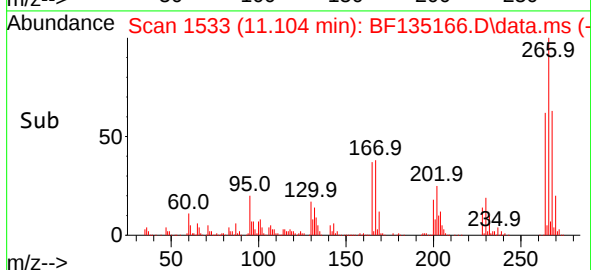
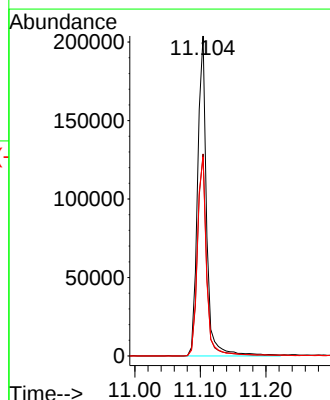
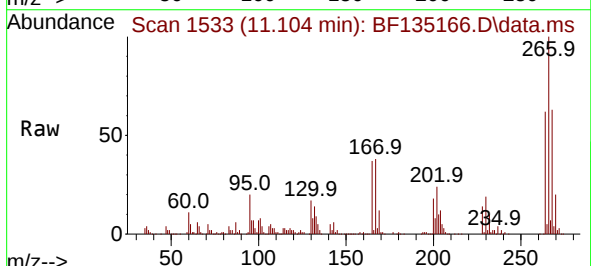
Delta R.T. 0.006 min

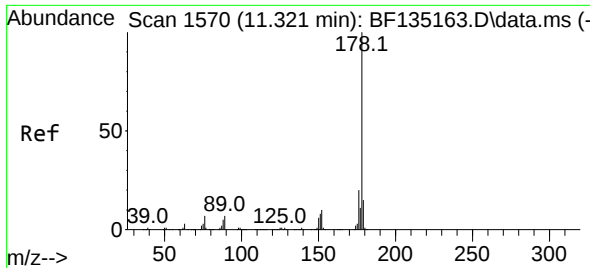
Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Tgt Ion:266 Resp: 195595

Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.1	78.1
264	62.2	50.8	76.2





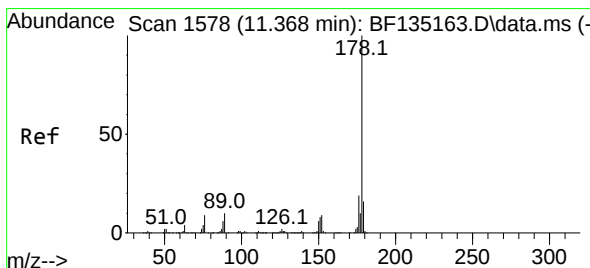
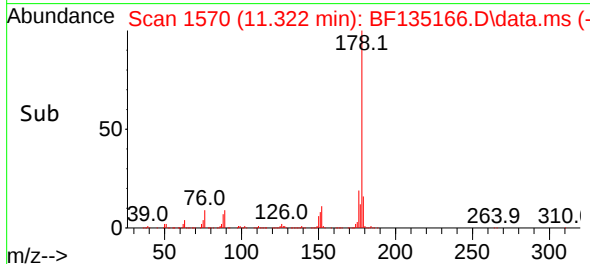
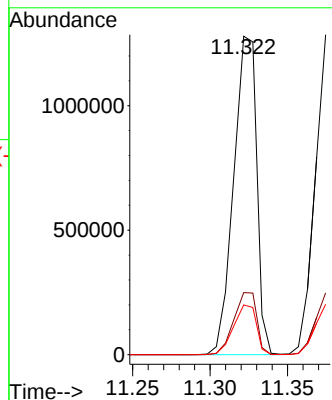
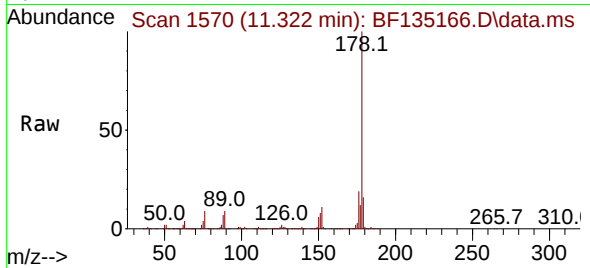
#71
Phenanthrene
Concen: 75.003 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 132360
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.6 12.0 18.0

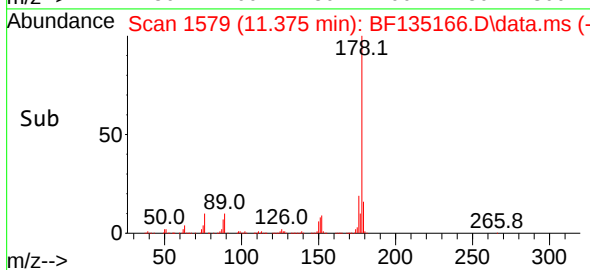
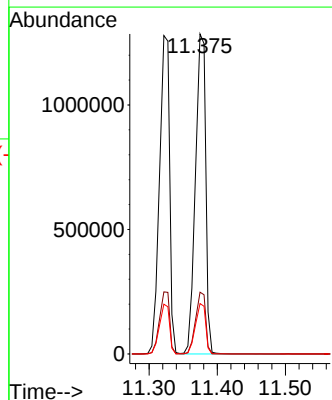
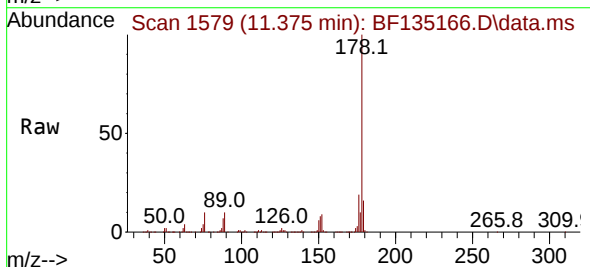
Manual Integrations
APPROVED

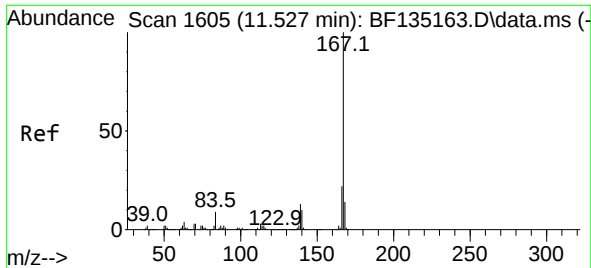
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#72
Anthracene
Concen: 74.187 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

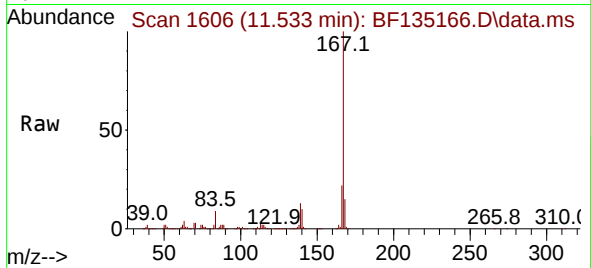
Tgt Ion:178 Resp: 1345715
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.7 12.6 19.0





#73
Carbazole
Concen: 74.397 ng
RT: 11.533 min Scan# 1605
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

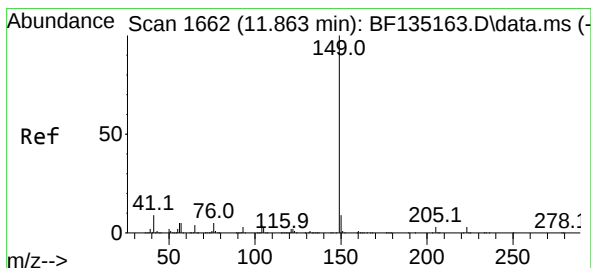
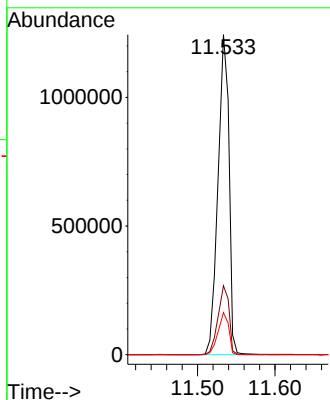
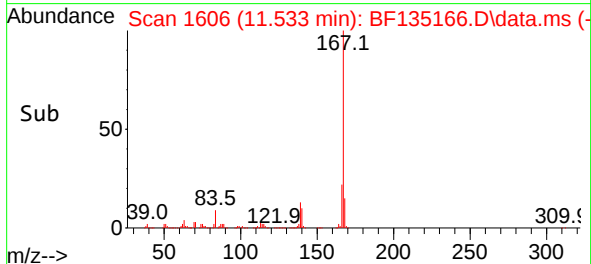
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



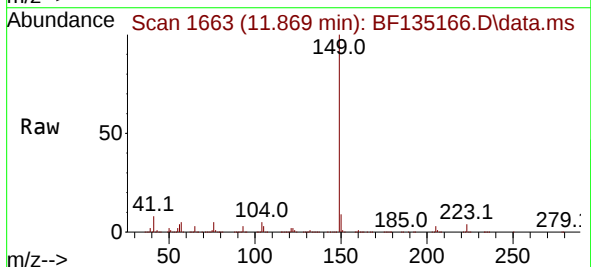
Tgt Ion:167 Resp: 122850
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.0
139 13.2 10.6 15.8

Manual Integrations
APPROVED

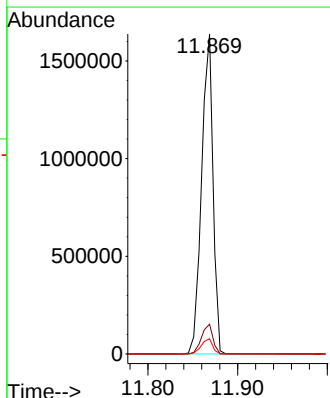
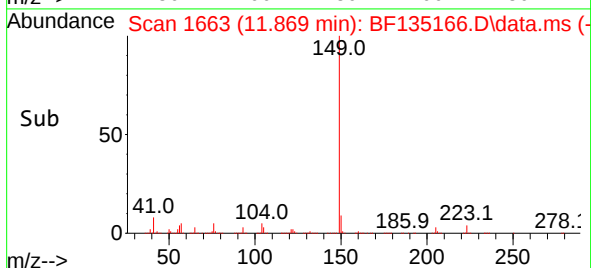
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

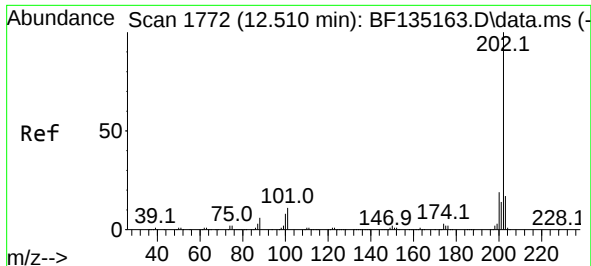


#74
Di-n-butylphthalate
Concen: 74.256 ng
RT: 11.869 min Scan# 1663
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34



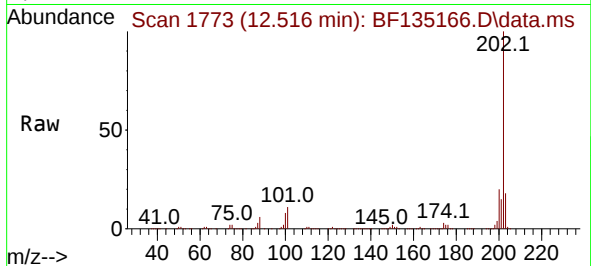
Tgt Ion:149 Resp: 1444856
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 71.032 ng
RT: 12.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

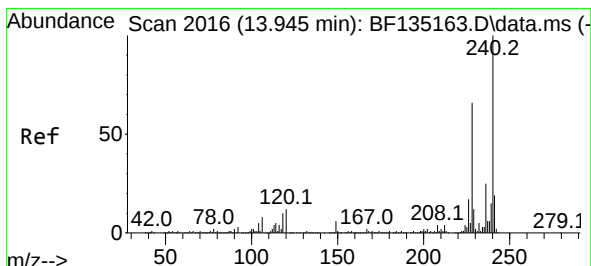
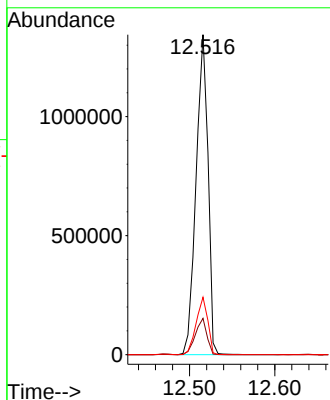
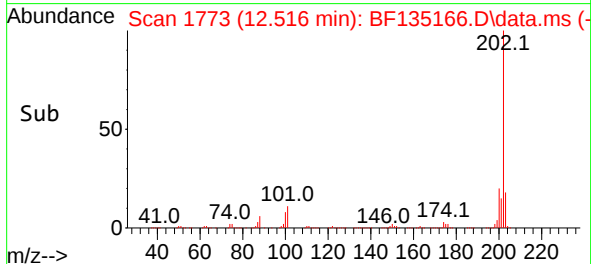
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 1306164
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.3
203 17.9 0.0 37.4

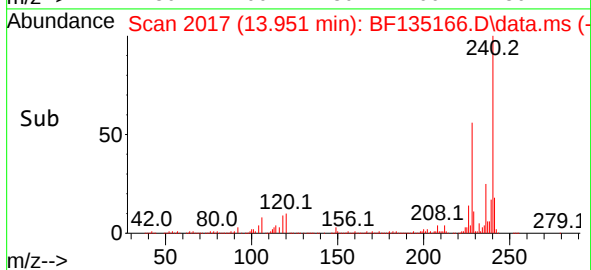
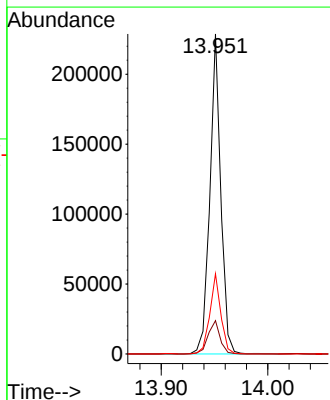
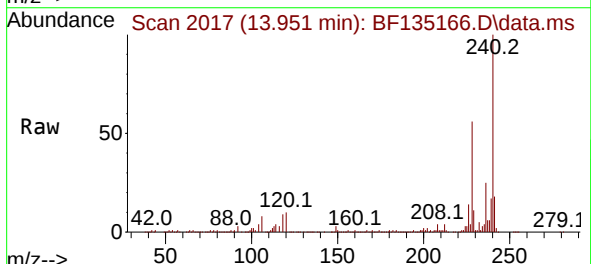
Manual Integrations
APPROVED

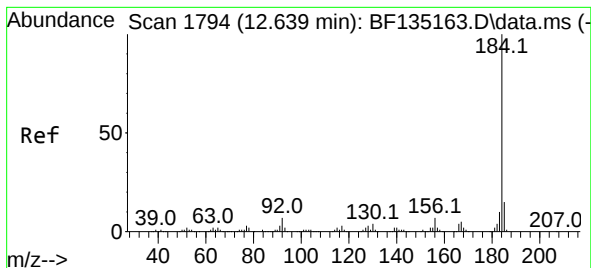
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Tgt Ion:240 Resp: 163264
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 25.1 19.8 29.8





#77

Benzidine

Concen: 72.370 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135166.D

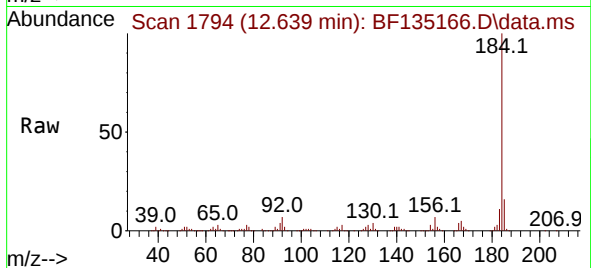
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:184 Resp: 242062

Ion Ratio Lower Upper

184 100

185 15.8 11.7 17.5

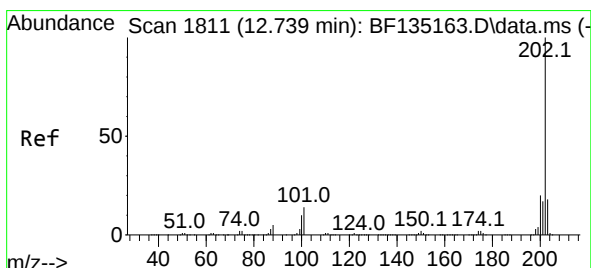
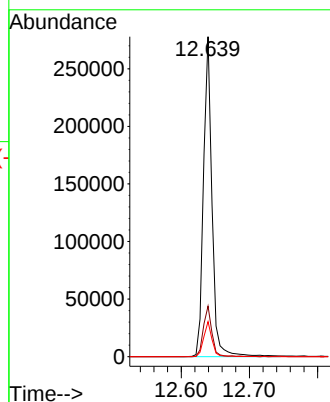
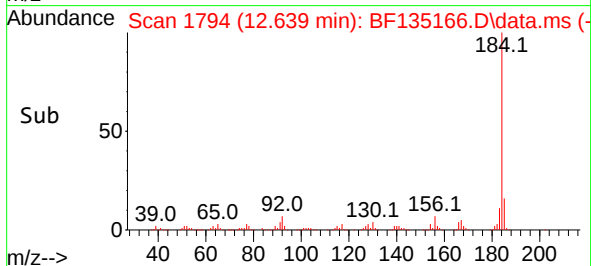
183 10.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#78

Pyrene

Concen: 84.521 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

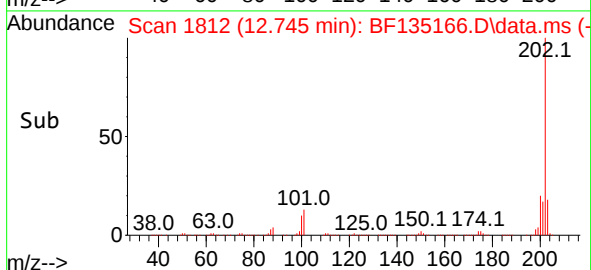
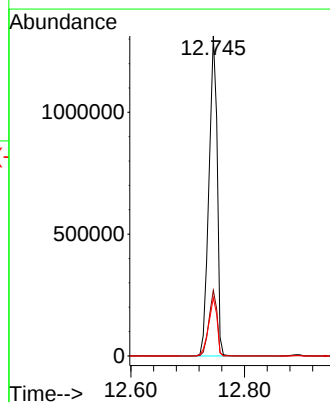
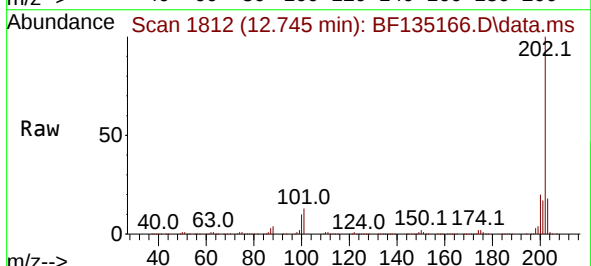
Tgt Ion:202 Resp: 1313797

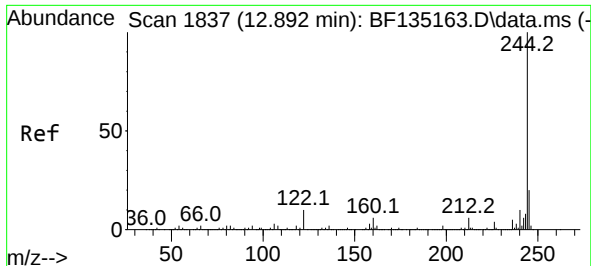
Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

203 18.1 14.2 21.4





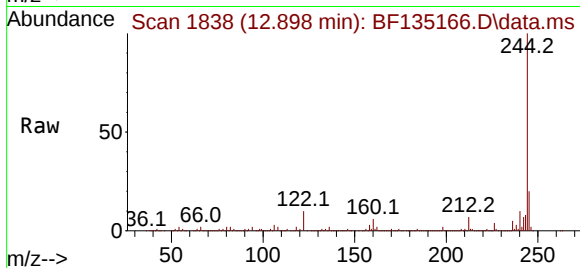
#79
 Terphenyl-d14
 Concen: 156.217 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.006 min
 Lab File: BF135166.D
 Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

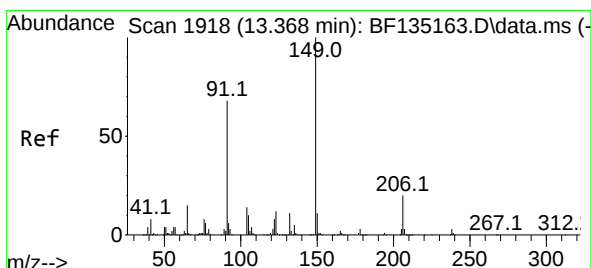
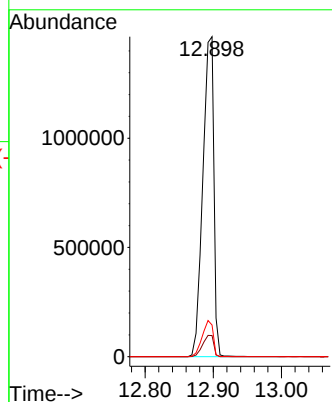
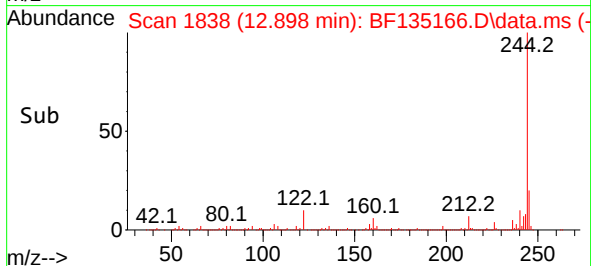


Tgt Ion:244 Resp: 1645258
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 9.9 7.9 11.9

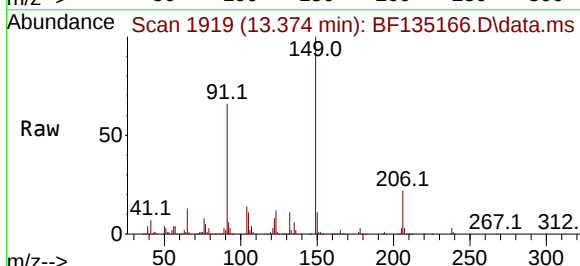
Manual Integrations

APPROVED

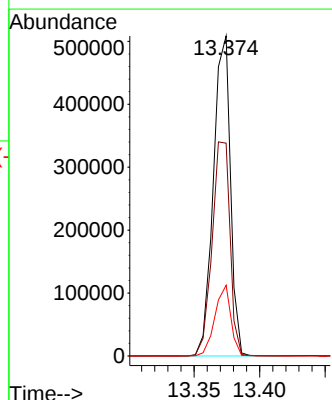
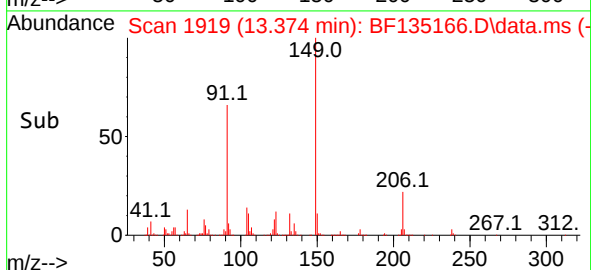
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

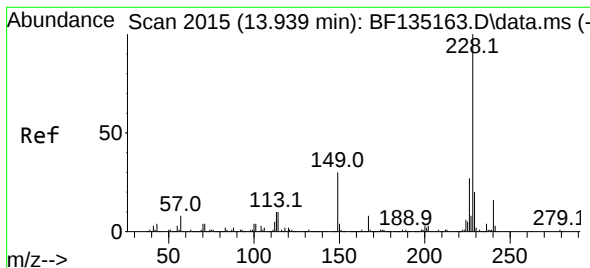


#80
 Butylbenzylphthalate
 Concen: 84.146 ng
 RT: 13.374 min Scan# 1919
 Delta R.T. 0.006 min
 Lab File: BF135166.D
 Acq: 11 Sep 2023 16:34



Tgt Ion:149 Resp: 460512
 Ion Ratio Lower Upper
 149 100
 91 66.5 54.7 82.1
 206 22.1 16.3 24.5





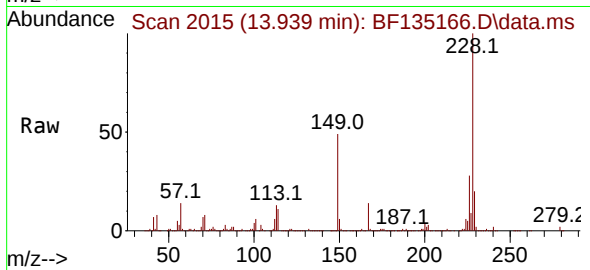
#81
Benzo(a)anthracene
Concen: 79.915 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

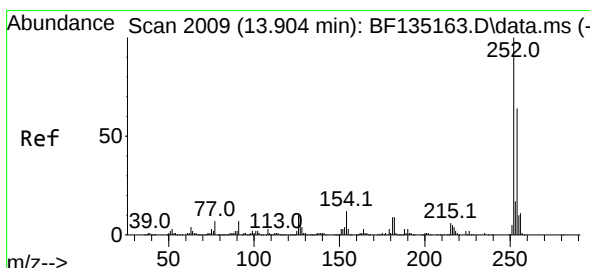
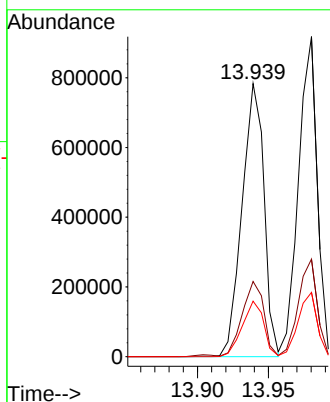
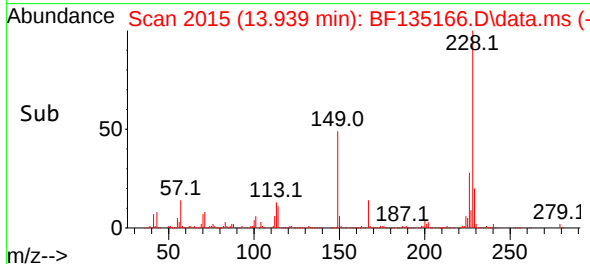


Tgt Ion:228 Resp: 842491
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.3 15.8 23.8

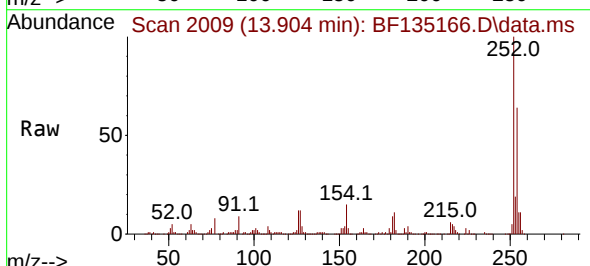
Manual Integrations

APPROVED

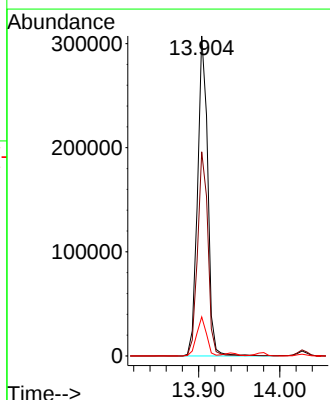
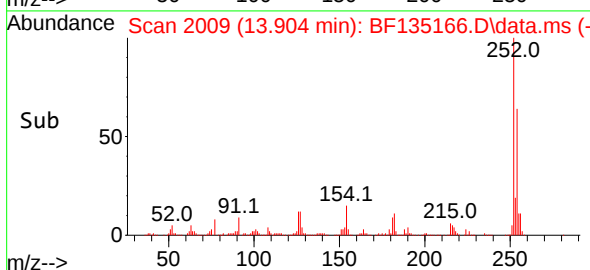
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

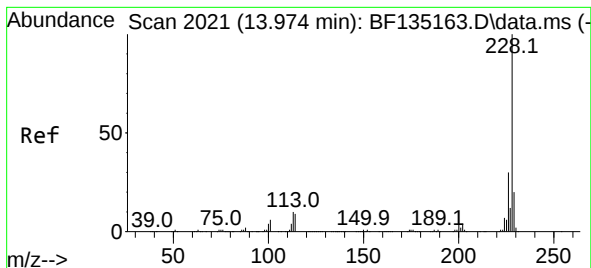


#82
3,3'-Dichlorobenzidine
Concen: 81.803 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34



Tgt Ion:252 Resp: 269372
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.4
126 12.2 7.8 11.8#





#83

Chrysene

Concen: 80.746 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 84634

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

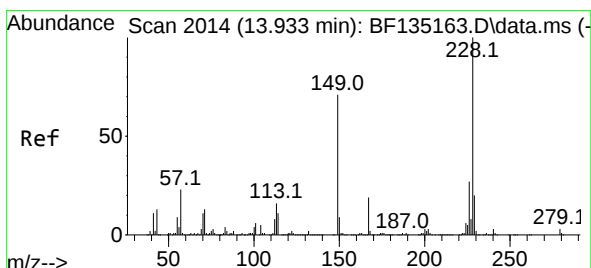
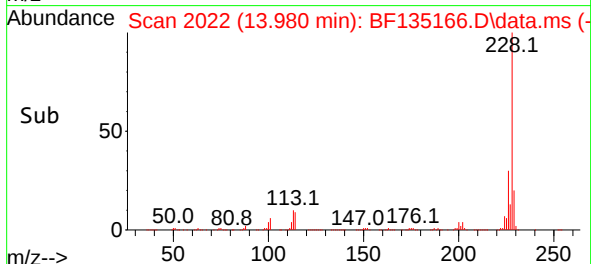
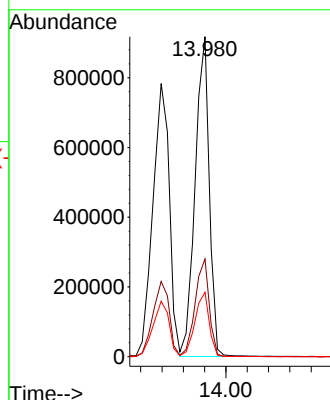
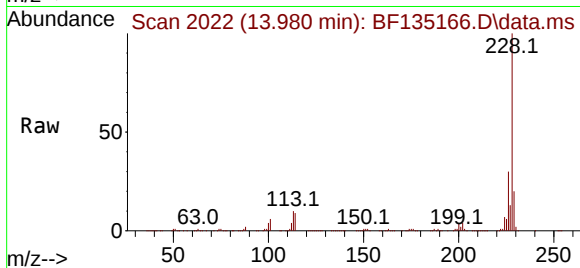
229 20.1 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 85.601 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135166.D

Acq: 11 Sep 2023 16:34

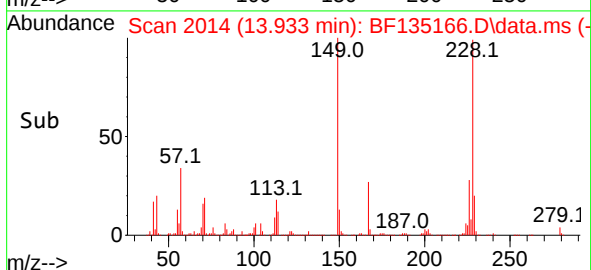
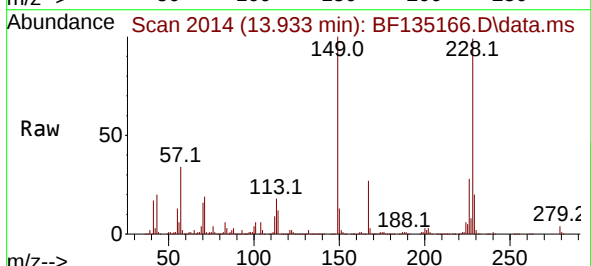
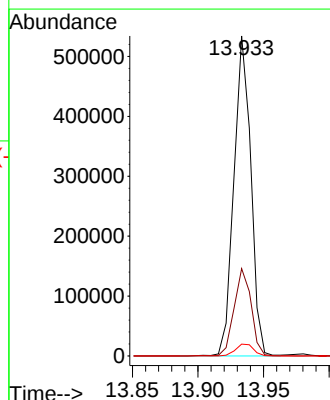
Tgt Ion:149 Resp: 480737

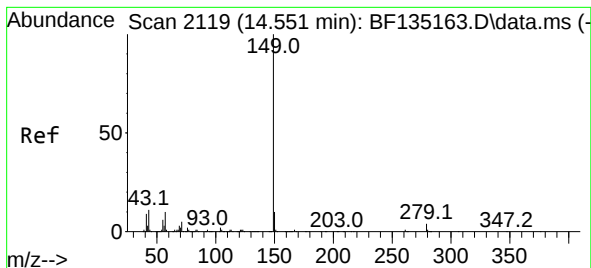
Ion Ratio Lower Upper

149 100

167 27.3 21.9 32.9

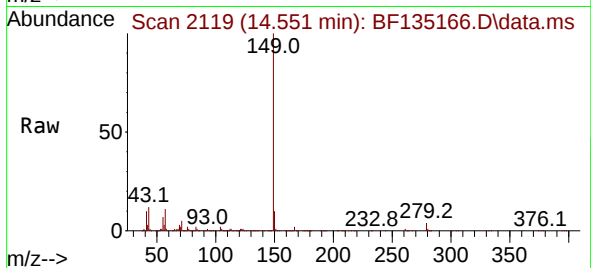
279 3.7 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 96.843 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

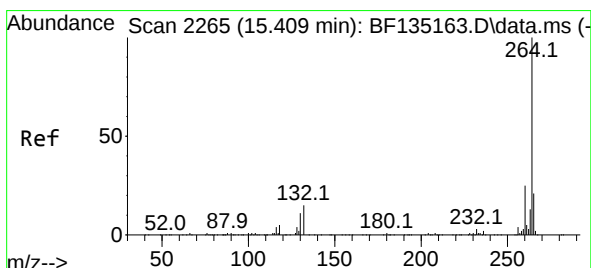
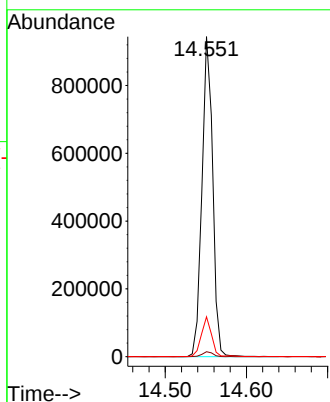
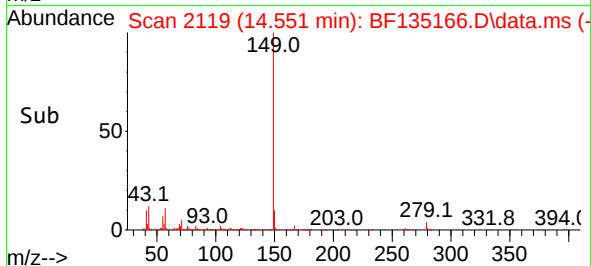
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



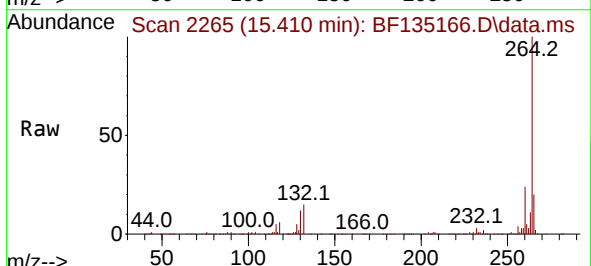
Tgt Ion:149 Resp: 864319
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.1 9.8 14.6

Manual Integrations
APPROVED

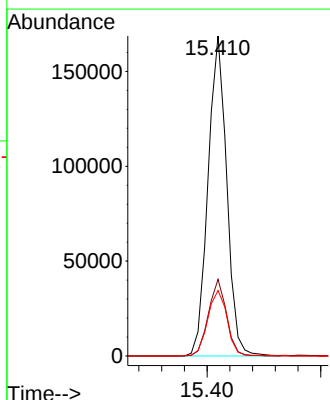
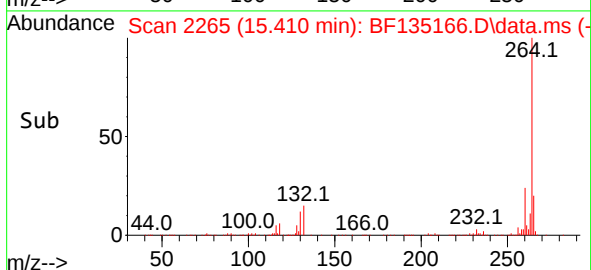
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

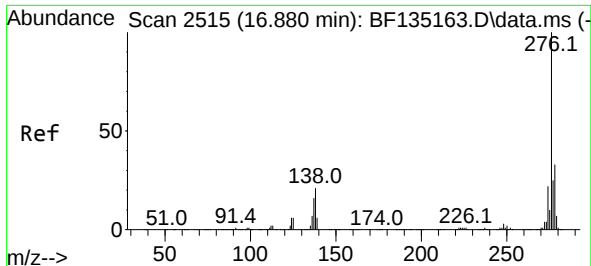


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34



Tgt Ion:264 Resp: 192475
Ion Ratio Lower Upper
264 100
260 23.9 19.8 29.6
265 20.5 17.0 25.4





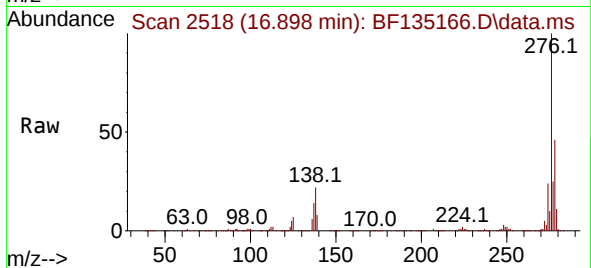
#87
Indeno(1,2,3-cd)pyrene
Concen: 86.593 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.018 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

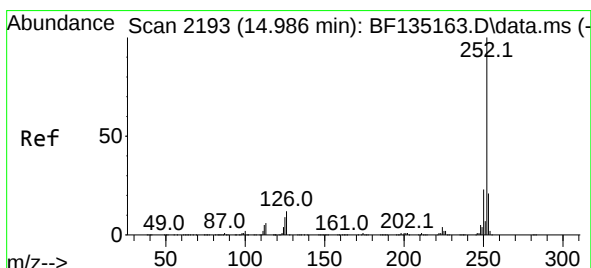
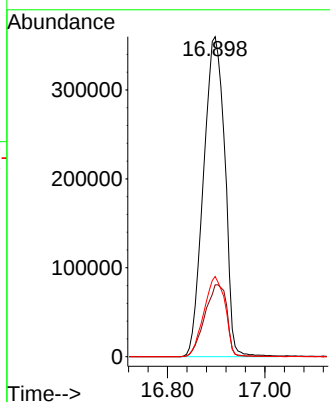
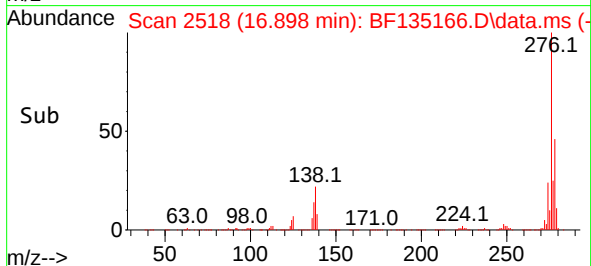


Tgt Ion:276 Resp: 1092794
Ion Ratio Lower Upper
276 100
138 23.4 19.2 28.8
277 25.0 19.7 29.5

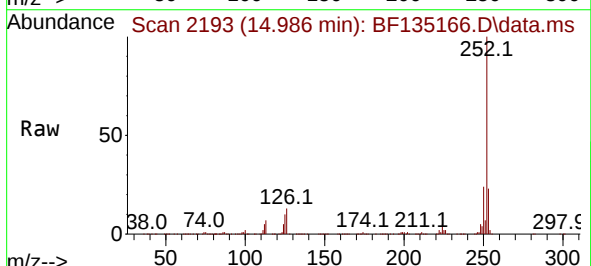
Manual Integrations

APPROVED

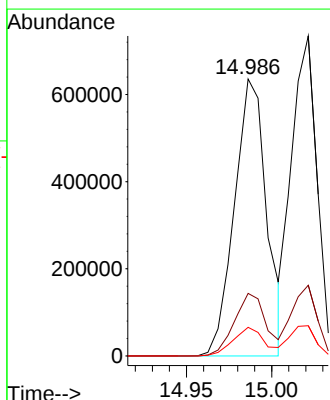
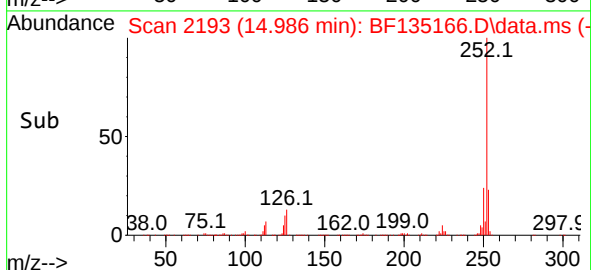
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

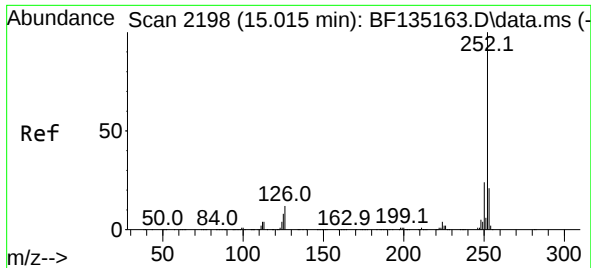


#88
Benzo(b)fluoranthene
Concen: 80.397 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34



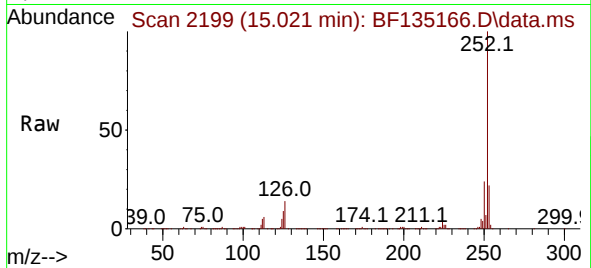
Tgt Ion:252 Resp: 837686
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 10.3 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 74.827 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

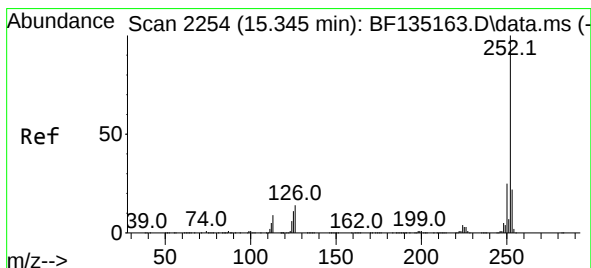
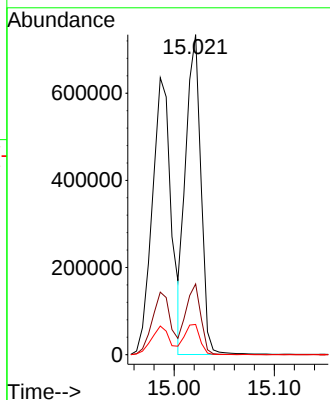
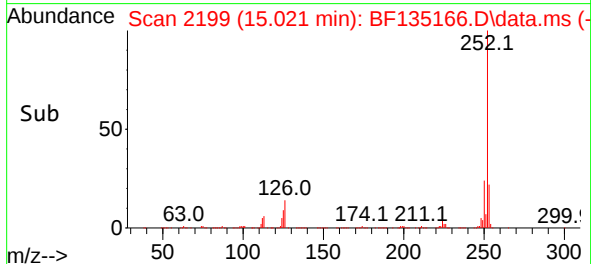
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



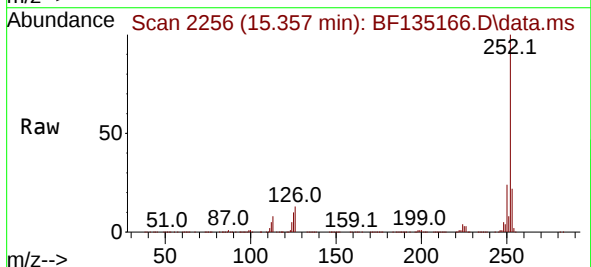
Tgt Ion:252 Resp: 77015
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.5 7.2 10.8

Manual Integrations
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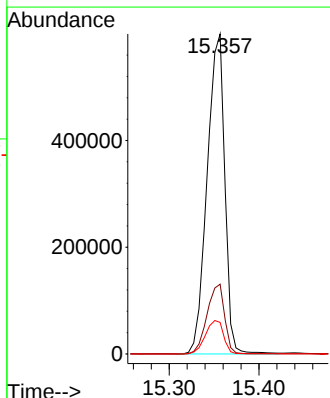
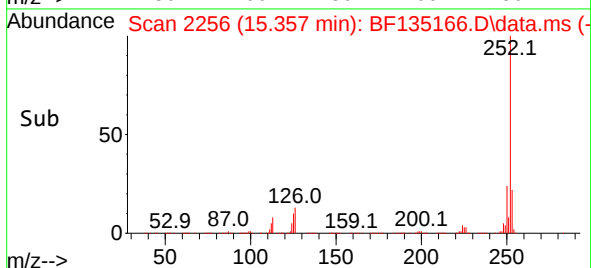
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

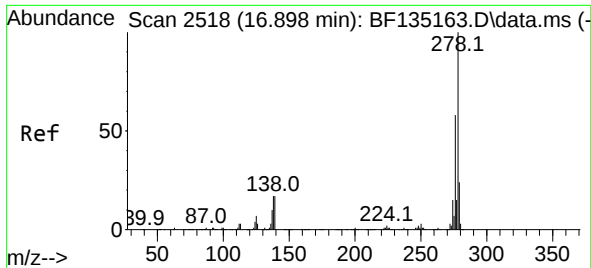


#90
Benzo(a)pyrene
Concen: 82.475 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.012 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34



Tgt Ion:252 Resp: 819488
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.9 9.2 13.8





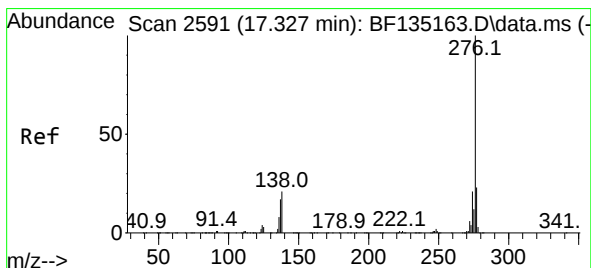
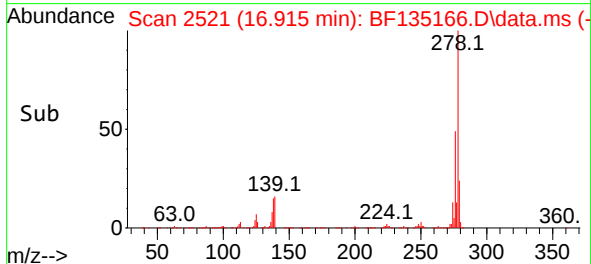
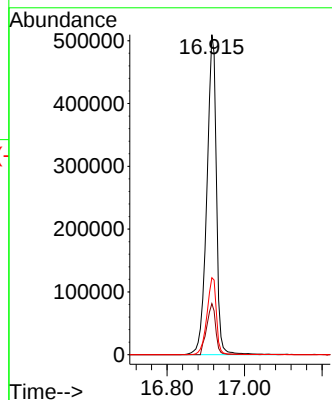
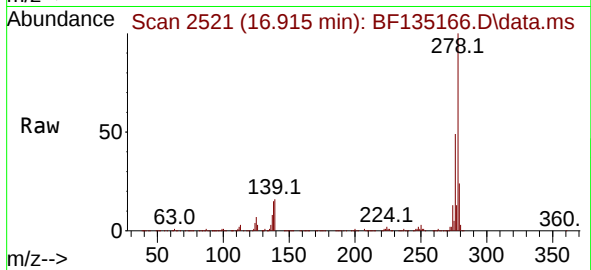
#91
Dibenzo(a,h)anthracene
Concen: 84.409 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.018 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 871598
Ion Ratio Lower Upper
278 100
139 15.9 13.4 20.0
279 24.1 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#92
Benzo(g,h,i)perylene
Concen: 86.798 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.024 min
Lab File: BF135166.D
Acq: 11 Sep 2023 16:34

Tgt Ion:276 Resp: 936025
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.3 16.9 25.3

