

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090823\
 Data File : BF135155.D
 Acq On : 08 Sep 2023 19:42
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/10/2023

Quant Time: Sep 09 02:32:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 02:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	127550	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	476811	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	241821	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	427238	20.000	ng	0.00
76) Chrysene-d12	13.951	240	198491	20.000	ng	0.00
86) Perylene-d12	15.409	264	227725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1169493	141.893	ng	0.00
7) Phenol-d6	6.428	99	1465259	141.279	ng	0.02
23) Nitrobenzene-d5	7.345	82	1319729	150.663	ng	0.01
42) 2,4,6-Tribromophenol	10.604	330	386344	142.072	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	2081219	135.145	ng	0.00
79) Terphenyl-d14	12.898	244	1807943	140.252	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	257026	75.262	ng	98
3) Pyridine	3.240	79	707628	78.133	ng	98
4) n-Nitrosodimethylamine	3.228	42	356588	78.642	ng	97
6) Aniline	6.451	93	895382	70.285	ng	97
8) 2-Chlorophenol	6.563	128	585814	68.866	ng	99
9) Benzaldehyde	6.328	77	372478	64.048	ng	98
10) Phenol	6.439	94	742852	68.458	ng	93
11) bis(2-Chloroethyl)ether	6.522	93	571493	71.119	ng	98
12) 1,3-Dichlorobenzene	6.710	146	614439	70.680	ng	99
13) 1,4-Dichlorobenzene	6.787	146	613270	70.232	ng	97
14) 1,2-Dichlorobenzene	6.945	146	550745	67.379	ng	96
15) Benzyl Alcohol	6.928	79	494078	67.146	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	899306	68.909	ng	97
17) 2-Methylphenol	7.034	107	538074	71.732	ng	96
18) Hexachloroethane	7.275	117	232888	72.764	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	432106	69.084	ng	99
20) 3+4-Methylphenols	7.192	107	593991	65.718	ng	95
22) Acetophenone	7.192	105	793507	72.148	ng	# 99
24) Nitrobenzene	7.363	77	660007	74.187	ng	100
25) Isophorone	7.610	82	1250145	76.415	ng	98
26) 2-Nitrophenol	7.675	139	337297	77.673	ng	91
27) 2,4-Dimethylphenol	7.716	122	515583	75.155	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	703714	73.582	ng	99
29) 2,4-Dichlorophenol	7.916	162	493278	73.721	ng	97
30) 1,2,4-Trichlorobenzene	7.992	180	529816	72.616	ng	99
31) Naphthalene	8.075	128	1695145	71.776	ng	100
32) Benzoic acid	7.886	122	446291	84.351	ng	97
33) 4-Chloroaniline	8.128	127	736382	71.579	ng	97
34) Hexachlorobutadiene	8.186	225	303861	72.365	ng	99
35) Caprolactam	8.539	113	165838m	76.593	ng	
36) 4-Chloro-3-methylphenol	8.622	107	551579	73.407	ng	98
37) 2-Methylnaphthalene	8.763	142	1123841	70.140	ng	99
38) 1-Methylnaphthalene	8.863	142	1034389	69.698	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	500570	72.972	ng	100
41) Hexachlorocyclopentadiene	8.910	237	243155	82.598	ng	97
43) 2,4,6-Trichlorophenol	9.045	196	336775	73.987	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	385342	73.172	ng	99
46) 1,1'-Biphenyl	9.233	154	1316018	70.149	ng	99
47) 2-Chloronaphthalene	9.257	162	1003622	72.060	ng	98
48) 2-Nitroaniline	9.363	65	377929	76.810	ng	94
49) Acenaphthylene	9.675	152	1469746	68.275	ng	99
50) Dimethylphthalate	9.545	163	1287953	74.317	ng	99
51) 2,6-Dinitrotoluene	9.610	165	279485	73.647	ng	94
52) Acenaphthene	9.845	154	960308	71.076	ng	99
53) 3-Nitroaniline	9.780	138	317487	74.259	ng	94
54) 2,4-Dinitrophenol	9.886	184	158668	89.594	ng	96
55) Dibenzofuran	10.016	168	1320837	67.284	ng	99
56) 4-Nitrophenol	9.945	139	221237	77.919	ng	99
57) 2,4-Dinitrotoluene	10.016	165	323034	67.933	ng	# 87
58) Fluorene	10.363	166	1023100	66.419	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.139	232	287976	70.703	ng	98
60) Diethylphthalate	10.245	149	1152314	70.833	ng	98
61) 4-Chlorophenyl-phenyle...	10.351	204	503869	66.522	ng	100
62) 4-Nitroaniline	10.404	138	311415	74.517	ng	99
63) Azobenzene	10.516	77	1149420	71.165	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	213755	84.859	ng	80
66) n-Nitrosodiphenylamine	10.480	169	974449	72.979	ng	100
67) 4-Bromophenyl-phenylether	10.845	248	333717	73.525	ng	98
68) Hexachlorobenzene	10.910	284	360519	74.130	ng	99
69) Atrazine	11.010	200	195218	60.897	ng	98
70) Pentachlorophenol	11.104	266	208186	78.877	ng	97
71) Phenanthrene	11.327	178	1560504	69.920	ng	100
72) Anthracene	11.380	178	1596424	70.068	ng	99
73) Carbazole	11.539	167	1346631	69.525	ng	99
74) Di-n-butylphthalate	11.869	149	1613630	69.919	ng	99
75) Fluoranthene	12.516	202	1468637	66.618	ng	100
77) Benzidine	12.639	184	147385	36.637	ng	98
78) Pyrene	12.745	202	1441386	74.918	ng	98
80) Butylbenzylphthalate	13.374	149	501551	74.610	ng	95
81) Benzo(a)anthracene	13.945	228	979636	72.810	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	295209	71.884	ng	99
83) Chrysene	13.980	228	967255	73.623	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	553189	77.948	ng	99
85) Di-n-octyl phthalate	14.551	149	993820	91.224	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	1318605	79.704	ng	100
88) Benzo(b)fluoranthene	14.992	252	998355	72.112	ng	98
89) Benzo(k)fluoranthene	15.021	252	955056m	71.042	ng	
90) Benzo(a)pyrene	15.357	252	983598	75.973	ng	100
91) Dibenzo(a,h)anthracene	16.921	278	1053643	78.018	ng	99
92) Benzo(g,h,i)perylene	17.356	276	1112690	79.858	ng	99

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

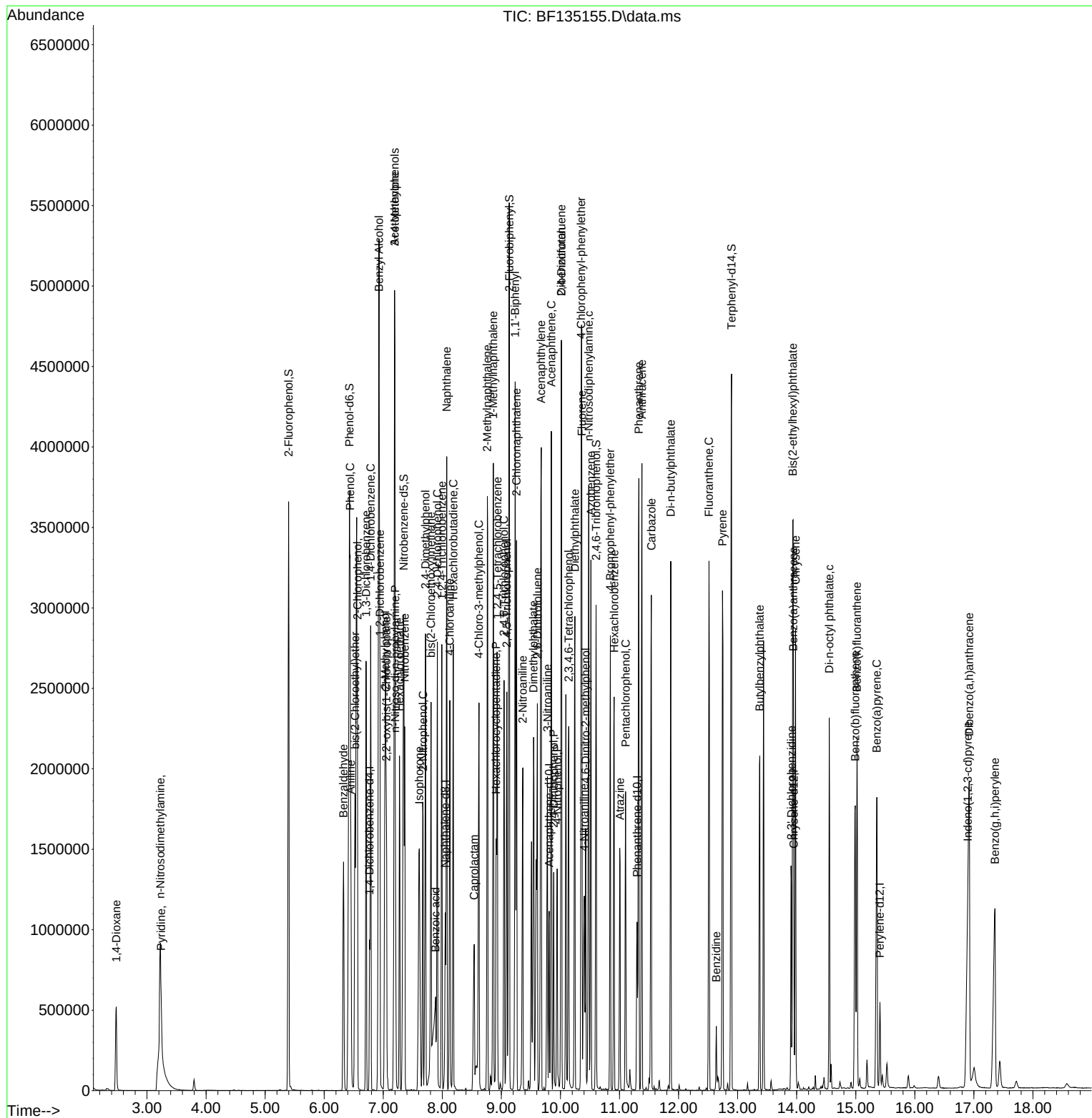
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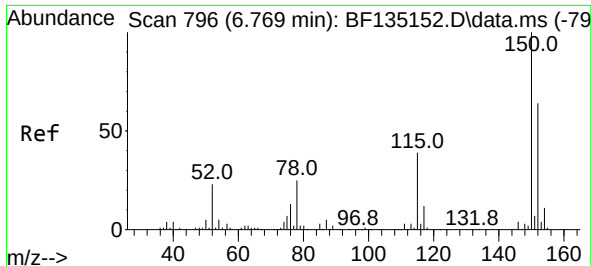
Instrument :
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ClientSampleId :
SSTDICC080

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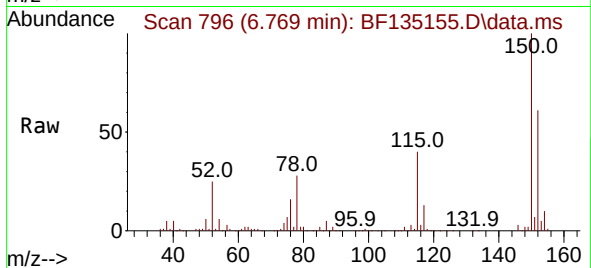
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

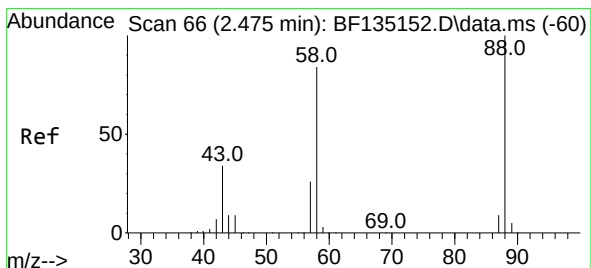
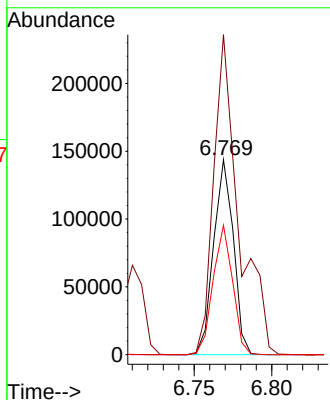
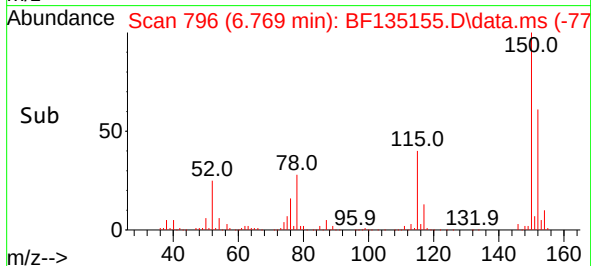
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 127550
Ion Ratio Lower Upper
152 100
150 164.2 125.4 188.2
115 66.4 49.2 73.8

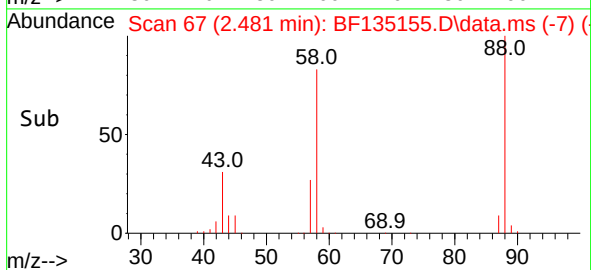
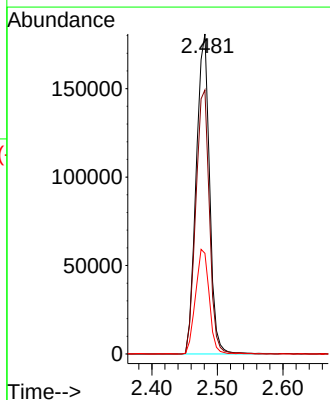
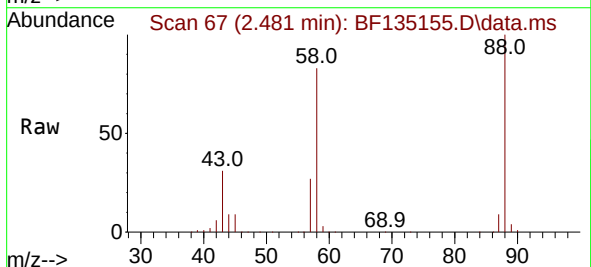
Manual Integrations
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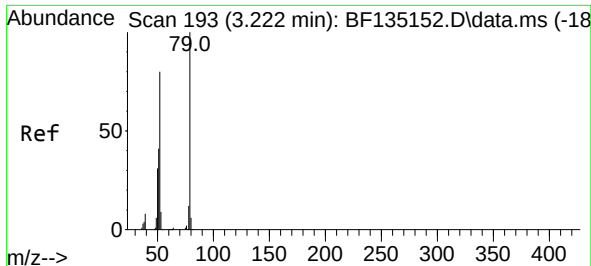
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#2
1,4-Dioxane
Concen: 75.262 ng
RT: 2.481 min Scan# 67
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

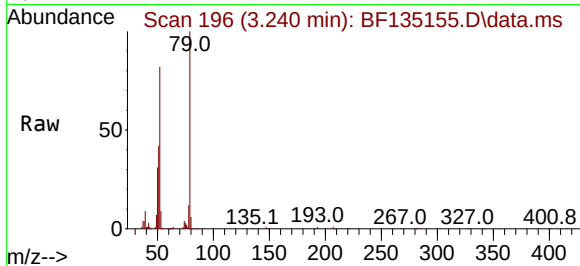
Tgt Ion: 88 Resp: 257026
Ion Ratio Lower Upper
88 100
58 84.1 68.5 102.7
43 33.5 27.4 41.2





#3
Pyridine
Concen: 78.133 ng
RT: 3.240 min Scan# 193
Delta R.T. 0.018 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

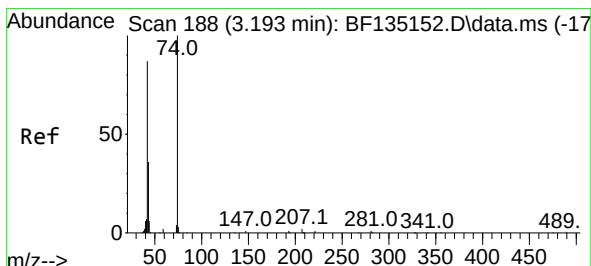
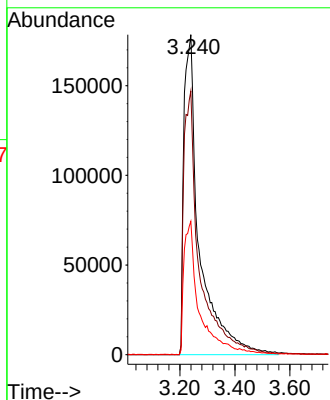
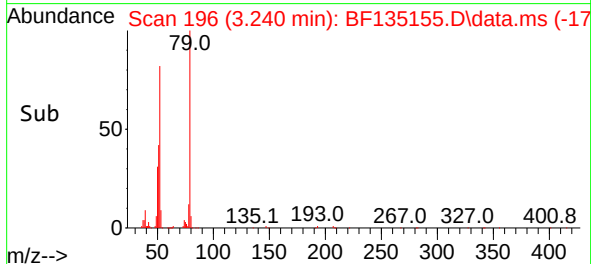
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



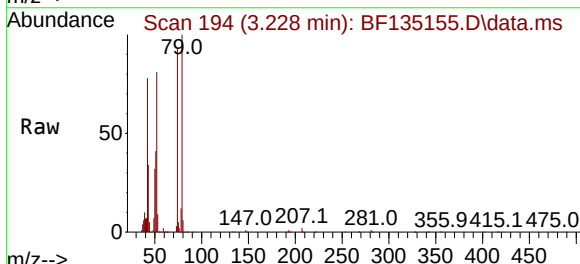
Tgt Ion: 79 Resp: 707628
Ion Ratio Lower Upper
79 100
52 82.4 63.8 95.8
51 41.7 33.0 49.4

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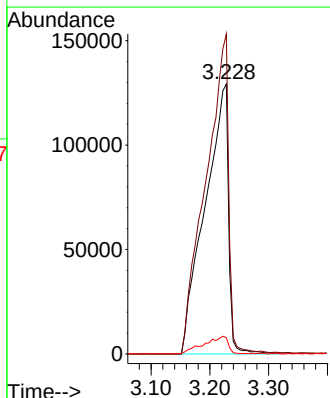
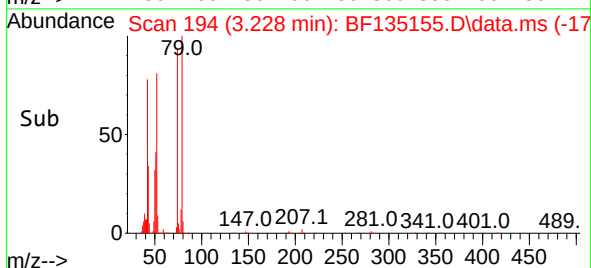
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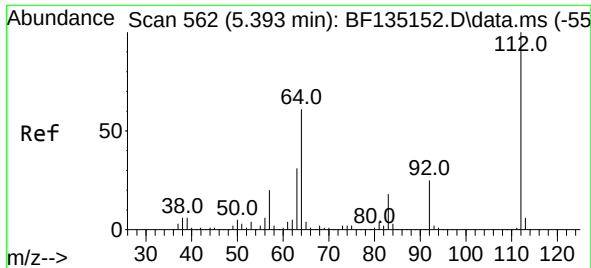


#4
n-Nitrosodimethylamine
Concen: 78.642 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.035 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



Tgt Ion: 42 Resp: 356588
Ion Ratio Lower Upper
42 100
74 118.5 92.4 138.6
44 6.0 5.7 8.5





#5
2-Fluorophenol
Concen: 141.893 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

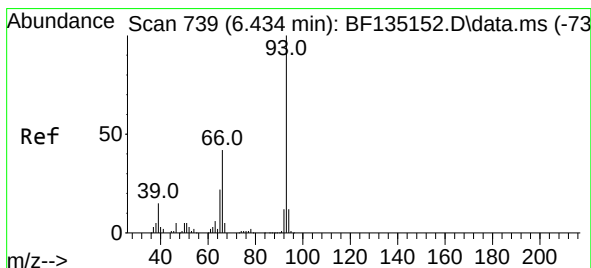
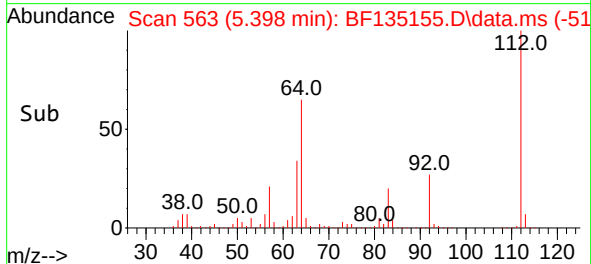
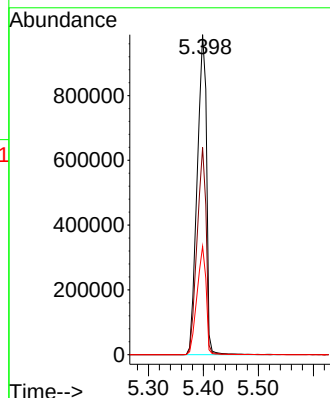
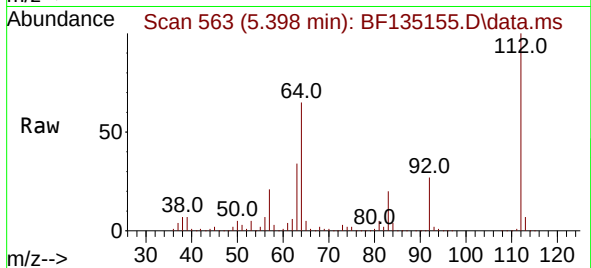
SSTDICC080

Tgt Ion:112 Resp: 116949
Ion Ratio Lower Upper
112 100
64 64.7 48.5 72.7
63 33.8 25.0 37.4

Manual Integrations

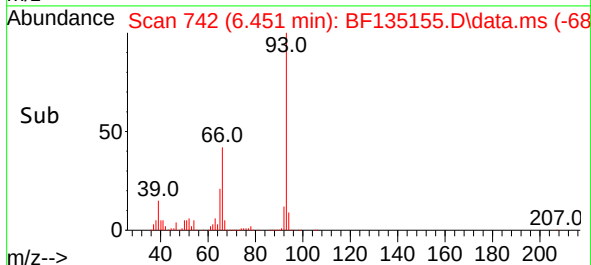
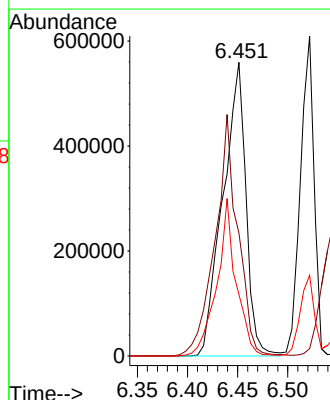
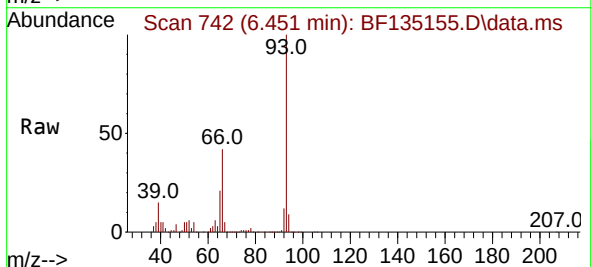
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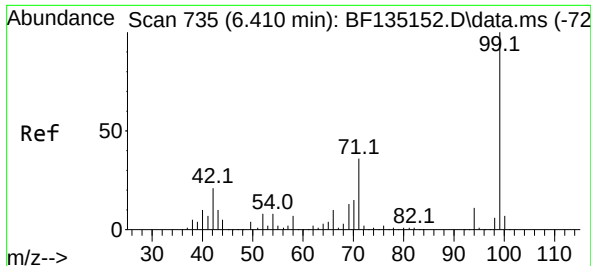
Reviewed By :Yogesh Patel 09/09/2023
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#6
Aniline
Concen: 70.285 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.018 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

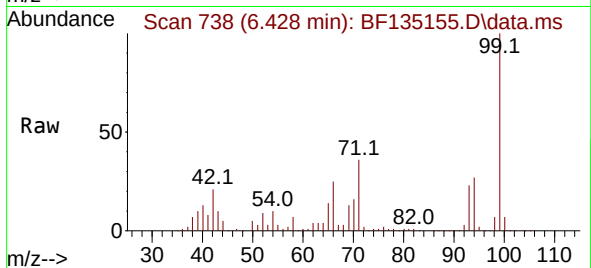
Tgt Ion: 93 Resp: 895382
Ion Ratio Lower Upper
93 100
66 41.9 35.5 53.3
65 21.0 17.7 26.5





#7
Phenol-d6
Concen: 141.279 ng
RT: 6.428 min Scan# 711
Delta R.T. 0.018 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

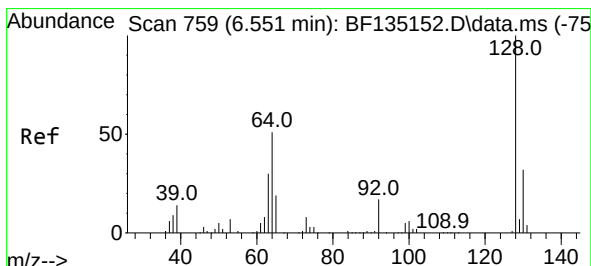
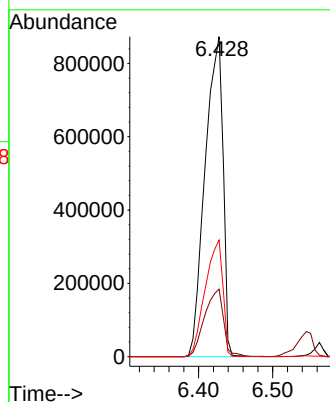
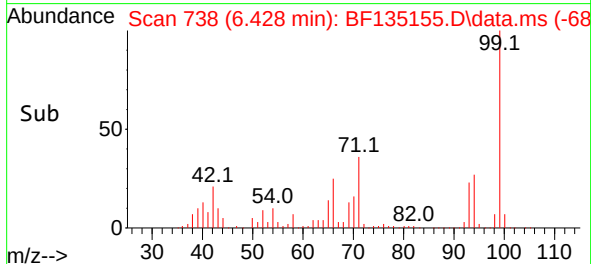
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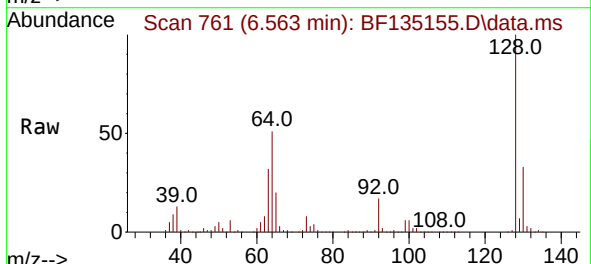
Tgt Ion: 99 Resp: 146525
Ion Ratio Lower Upper
99 100
42 21.1 16.5 24.7
71 36.4 29.0 43.4

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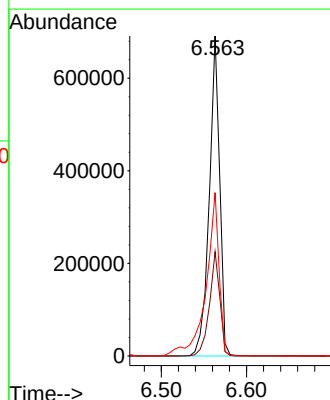
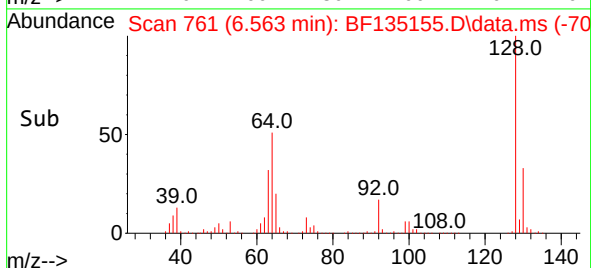
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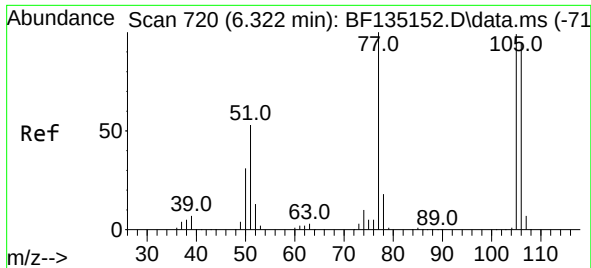


#8
2-Chlorophenol
Concen: 68.866 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



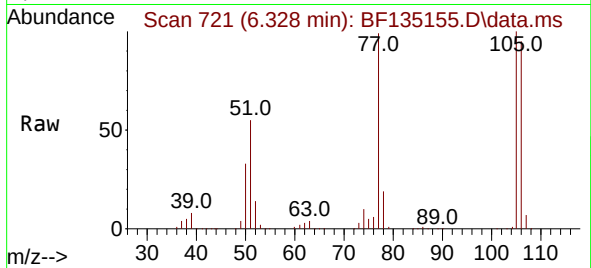
Tgt Ion:128 Resp: 585814
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 51.1 31.9 71.9





#9
Benzaldehyde
Concen: 64.048 ng
RT: 6.328 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135155.D
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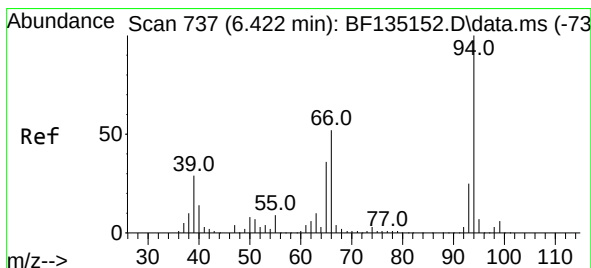
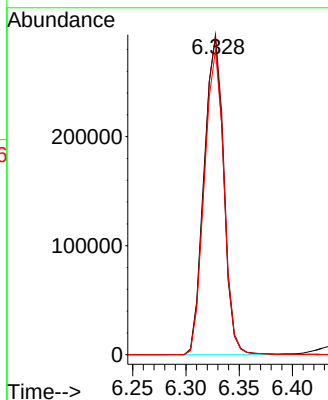
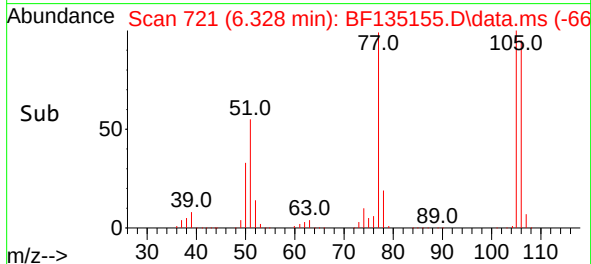
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Tgt Ion: 77 Resp: 372478
Ion Ratio Lower Upper
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105 100.8 79.1 119.1
106 95.9 74.5 114.5

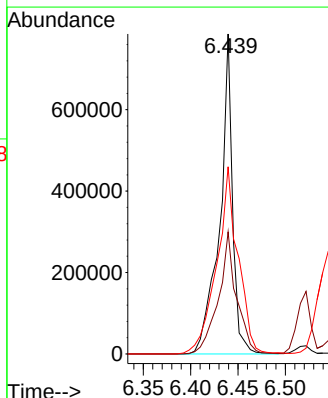
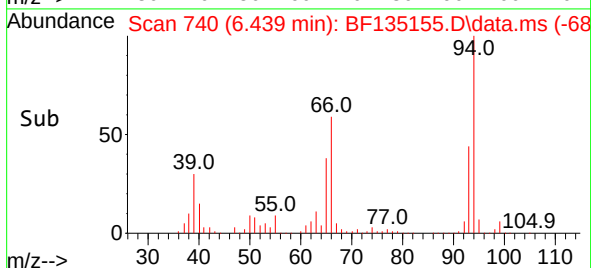
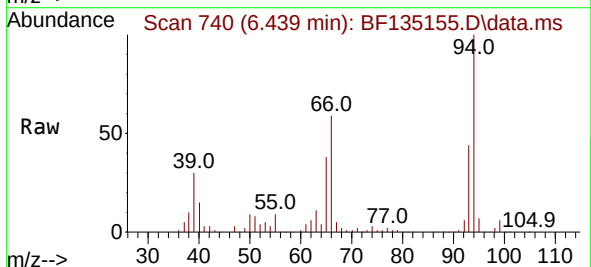
Manual Integrations
APPROVED

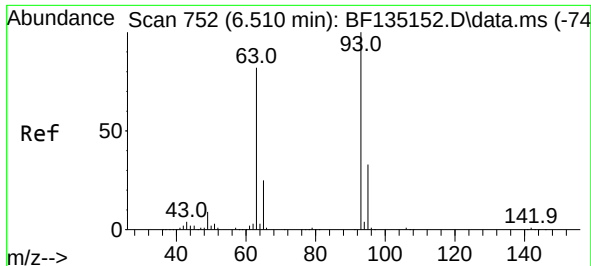
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#10
Phenol
Concen: 68.458 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.018 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Tgt Ion: 94 Resp: 742852
Ion Ratio Lower Upper
94 100
65 38.2 15.9 55.9
66 58.5 32.5 72.5





#11
bis(2-Chloroethyl)ether
Concen: 71.119 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

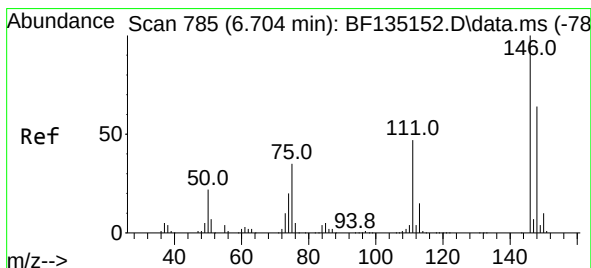
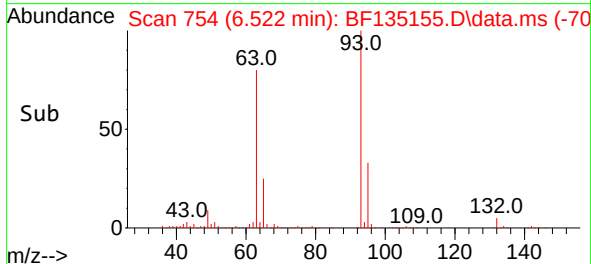
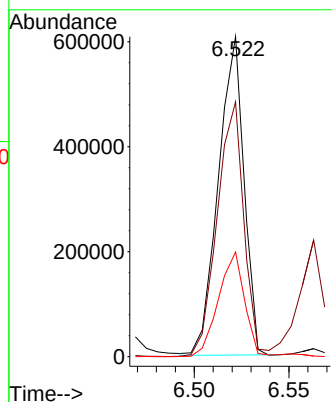
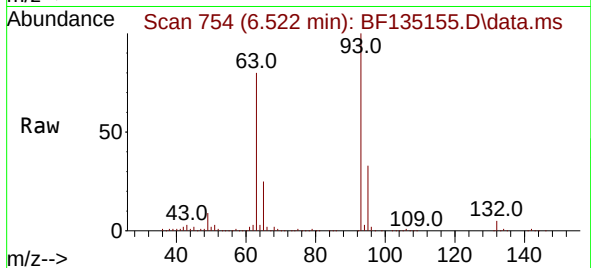
ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 57149
Ion Ratio Lower Upper
93 100
63 79.7 61.9 101.9
95 32.7 13.1 53.1

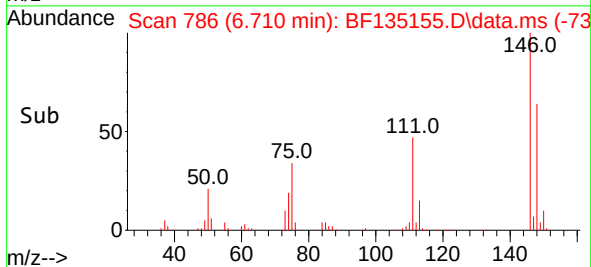
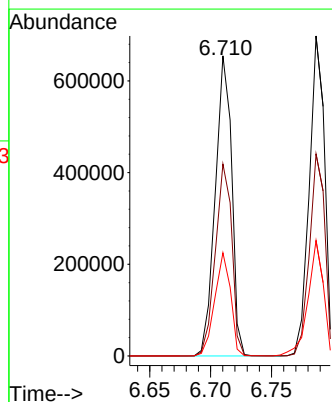
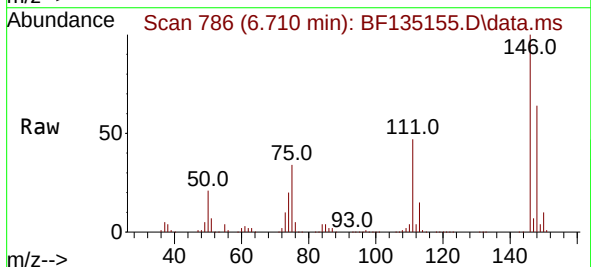
Manual Integrations
APPROVED

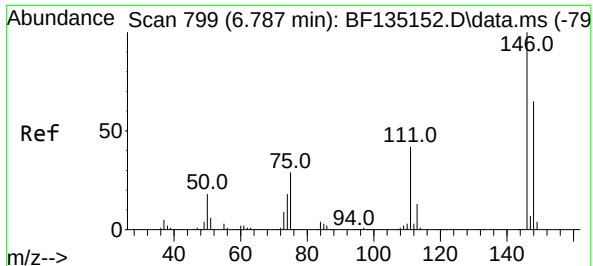
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#12
1,3-Dichlorobenzene
Concen: 70.680 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Tgt Ion:146 Resp: 614439
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
75 34.4 28.2 42.4





#13

1,4-Dichlorobenzene

Concen: 70.232 ng

RT: 6.787 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 613270

Ion Ratio Lower Upper

146 100

148 63.2 51.9 77.9

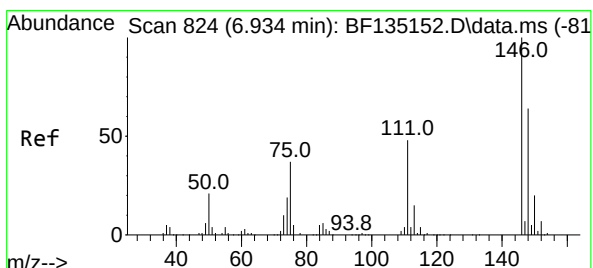
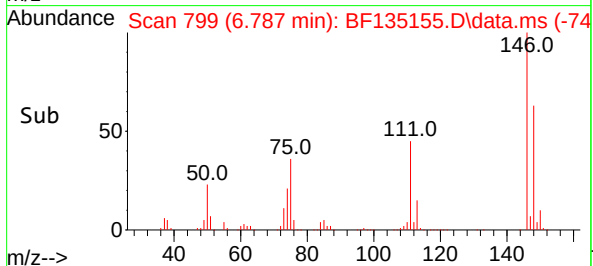
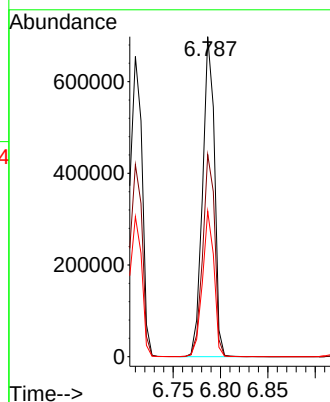
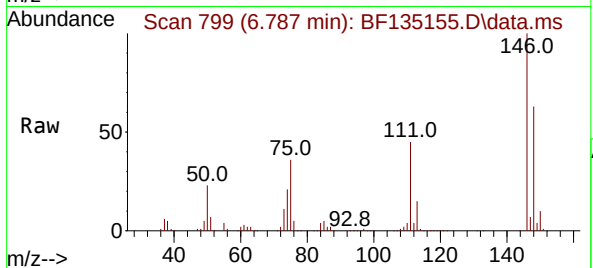
111 45.5 33.7 50.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/10/2023



#14

1,2-Dichlorobenzene

Concen: 67.379 ng

RT: 6.945 min Scan# 826

Delta R.T. 0.012 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

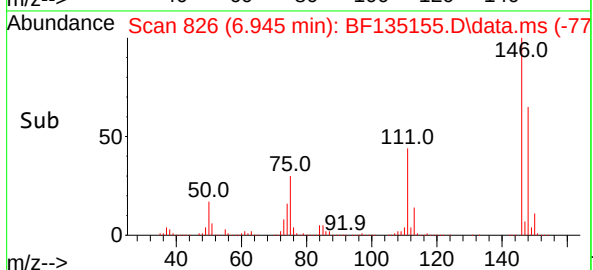
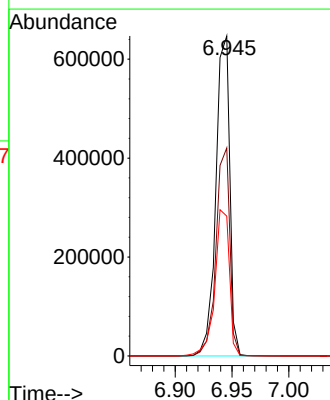
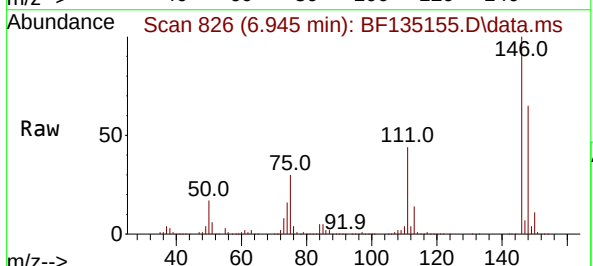
Tgt Ion:146 Resp: 550745

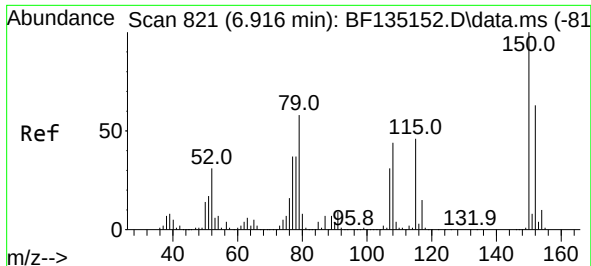
Ion Ratio Lower Upper

146 100

148 65.0 51.3 76.9

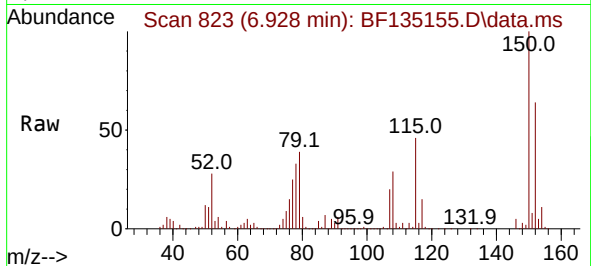
111 43.7 38.6 57.8





#15
Benzyl Alcohol
Concen: 67.146 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

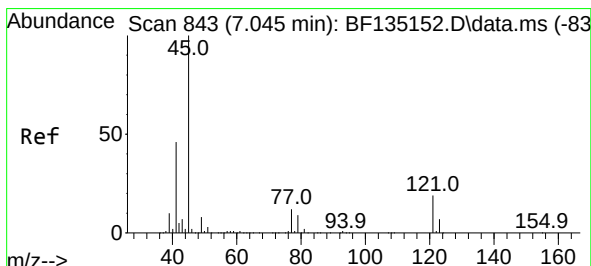
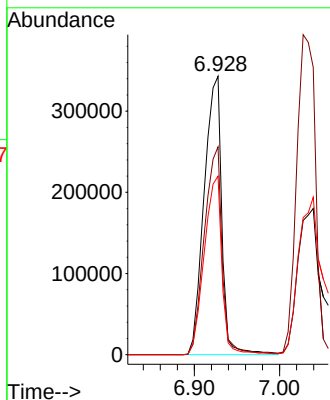
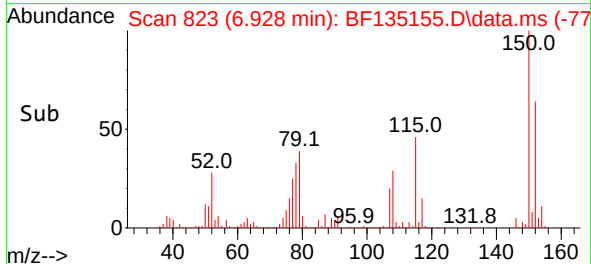
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



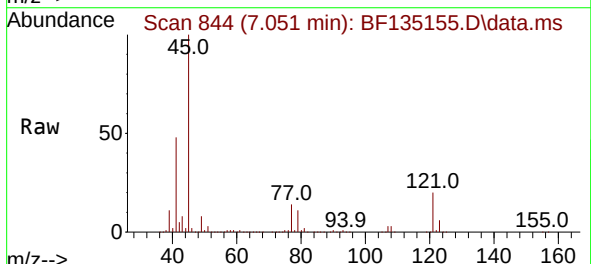
Tgt Ion: 79 Resp: 494078
Ion Ratio Lower Upper
79 100
108 74.7 60.6 91.0
77 64.1 51.1 76.7

Manual Integrations
APPROVED

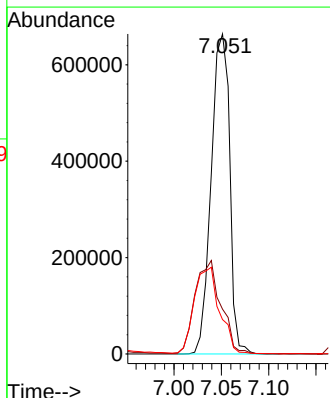
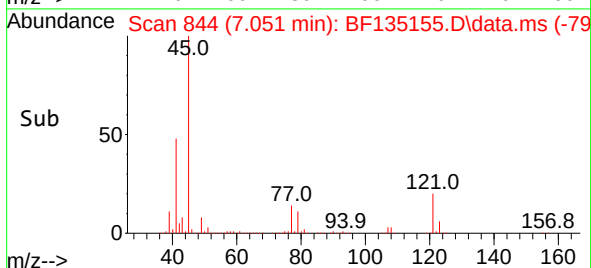
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

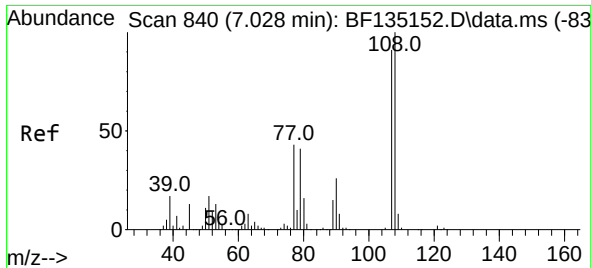


#16
2,2'-oxybis(1-Chloropropane)
Concen: 68.909 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



Tgt Ion: 45 Resp: 899306
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.0
79 10.8 0.0 29.8





#17
2-Methylphenol
Concen: 71.732 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

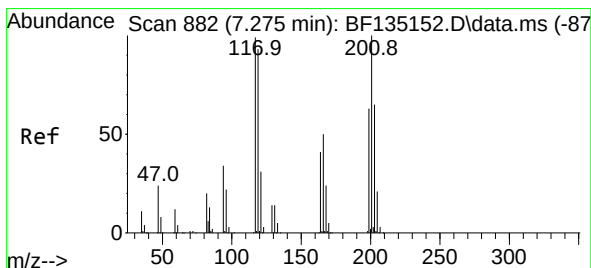
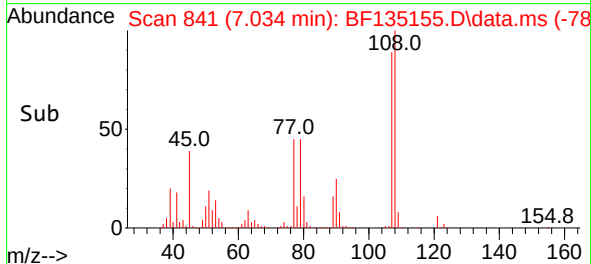
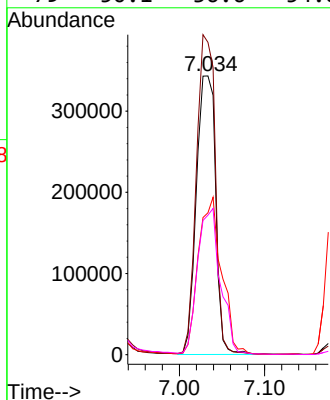
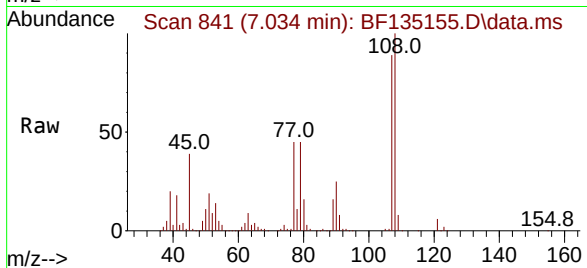
SSTDICC080

Tgt Ion:107 Resp: 538074
Ion Ratio Lower Upper
107 100
108 112.1 88.0 132.0
77 50.9 37.8 56.6
79 50.1 36.6 54.8

Manual Integrations

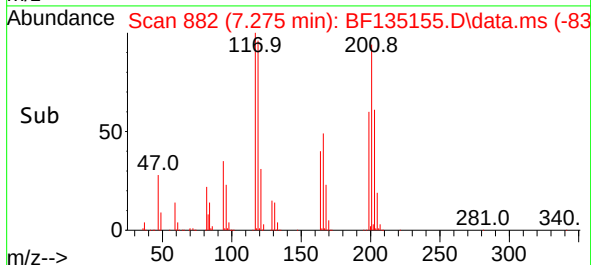
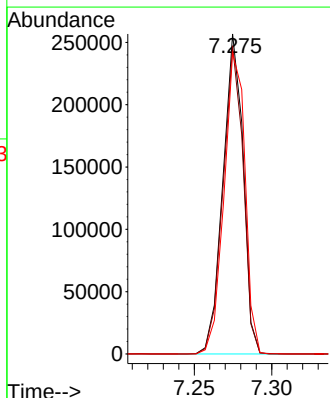
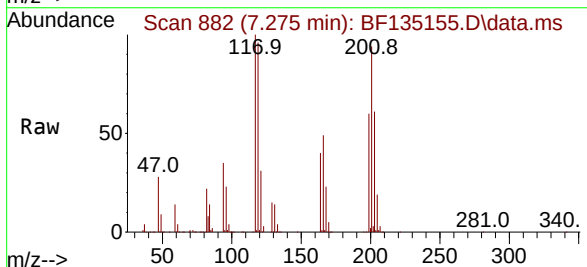
APPROVED

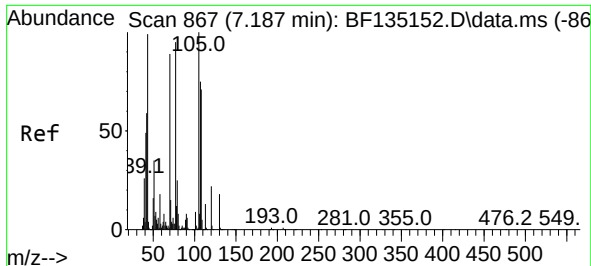
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#18
Hexachloroethane
Concen: 72.764 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Tgt Ion:117 Resp: 232888
Ion Ratio Lower Upper
117 100
119 96.3 75.6 113.4
201 94.1 81.0 121.6





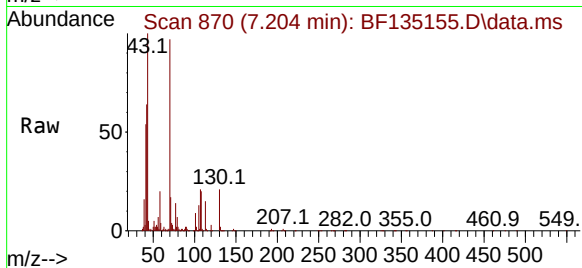
#19
n-Nitroso-di-n-propylamine
Concen: 69.084 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



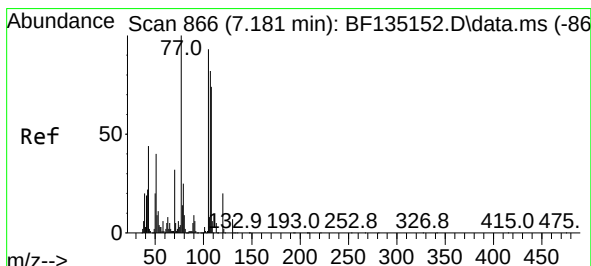
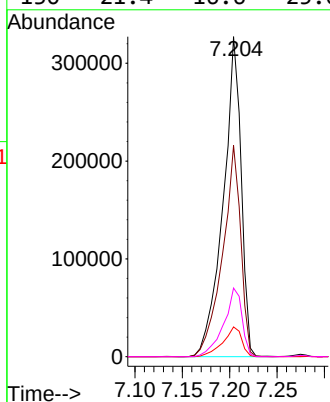
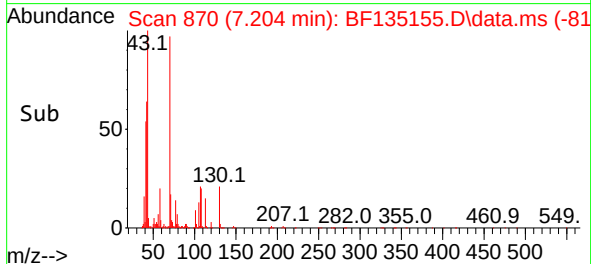
Tgt Ion: 70 Resp: 432100
Ion Ratio Lower Upper
70 100
42 66.0 53.2 79.8
101 9.3 7.8 11.6
130 21.4 16.6 25.0

Manual Integrations

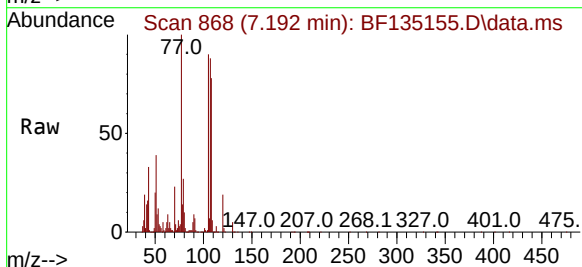
APPROVED

Reviewed By :Yogesh Patel 09/09/2023

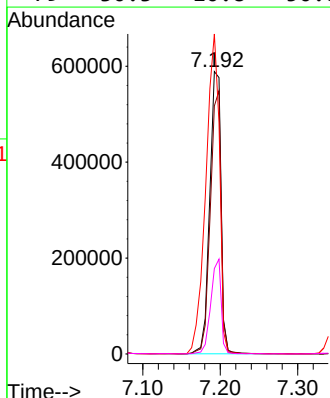
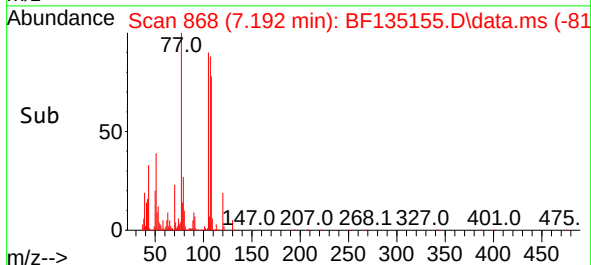
Supervised By :mohammad ahmed 09/10/2023

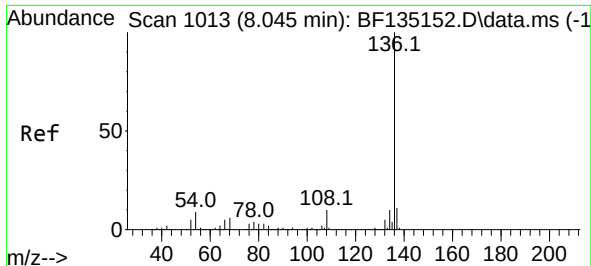


#20
3+4-Methylphenols
Concen: 65.718 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



Tgt Ion:107 Resp: 593991
Ion Ratio Lower Upper
107 100
108 87.9 70.6 110.6
77 113.3 102.0 142.0
79 30.3 10.8 50.8





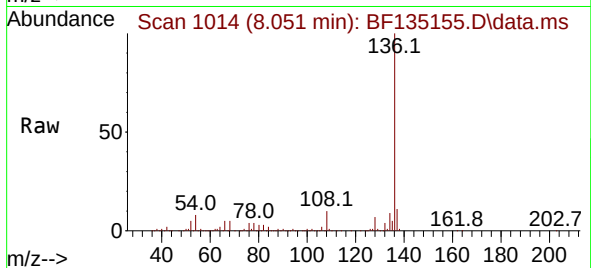
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

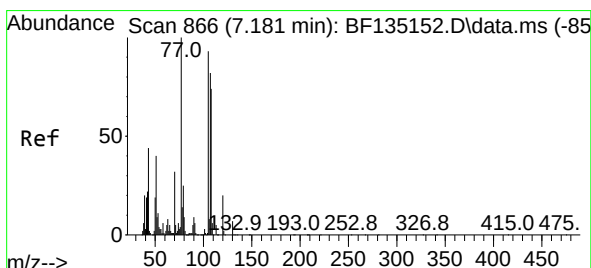
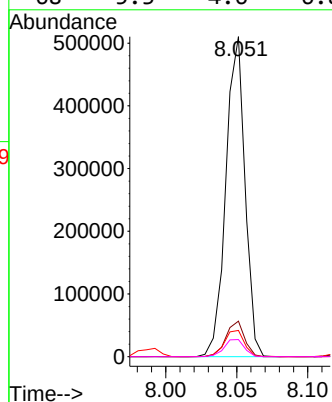
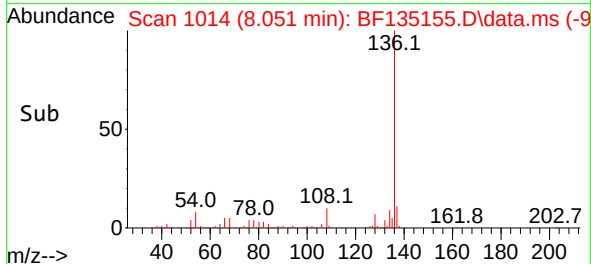


Tgt Ion:136 Resp: 47681
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.2 7.0 10.4
68 5.3 4.6 6.8

Manual Integrations

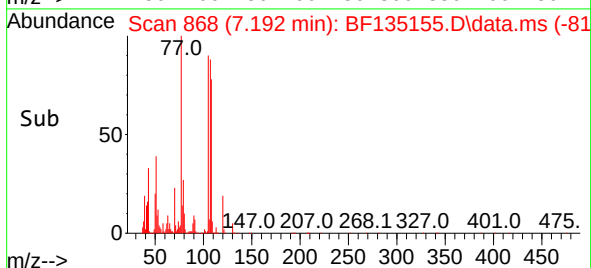
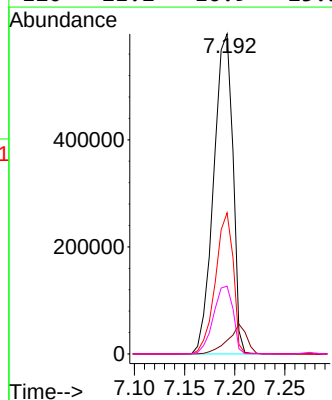
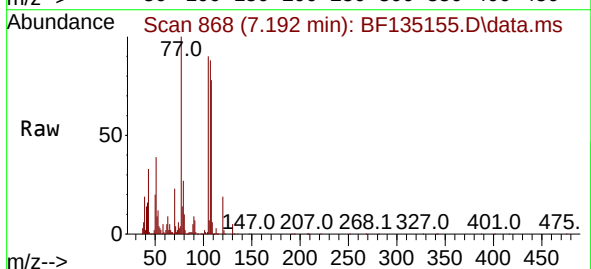
APPROVED

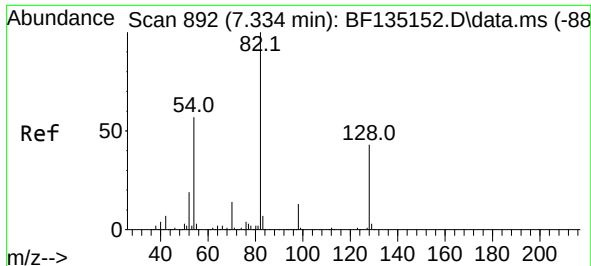
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#22
Acetophenone
Concen: 72.148 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Tgt Ion:105 Resp: 793507
Ion Ratio Lower Upper
105 100
71 4.2 4.4 6.6#
51 44.1 34.5 51.7
120 21.2 16.9 25.3





#23

Nitrobenzene-d5

Concen: 150.663 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.012 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1319729

Ion Ratio Lower Upper

82 100

128 44.4 34.3 51.5

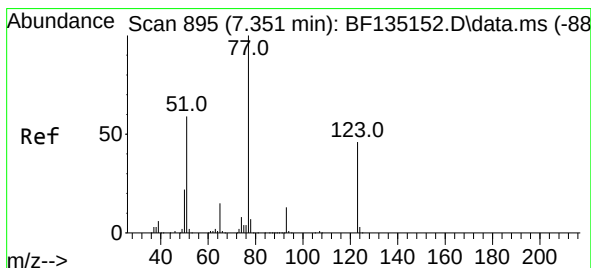
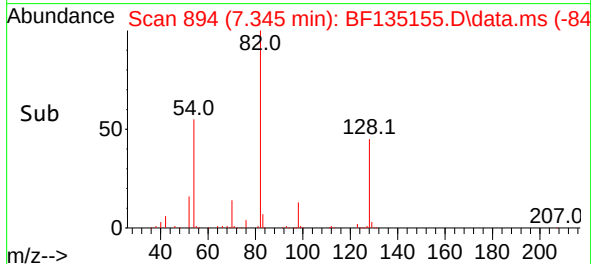
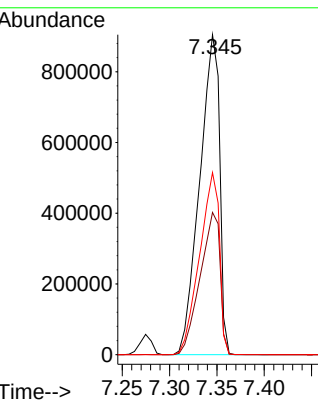
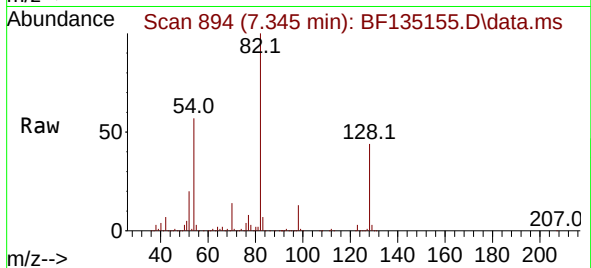
54 56.9 45.6 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/10/2023



#24

Nitrobenzene

Concen: 74.187 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.012 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

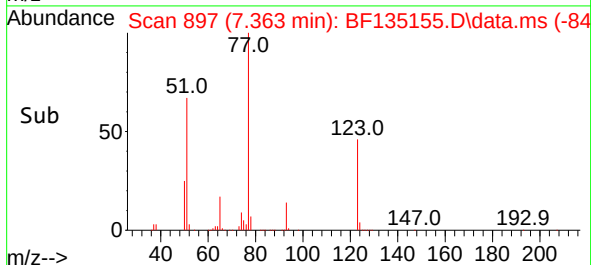
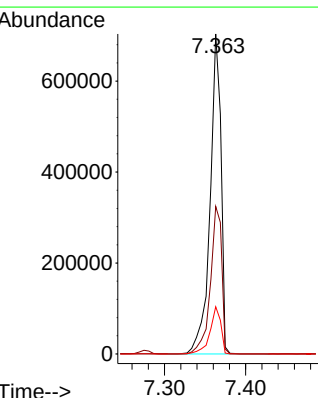
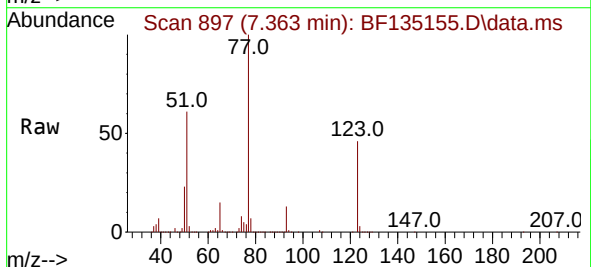
Tgt Ion: 77 Resp: 660007

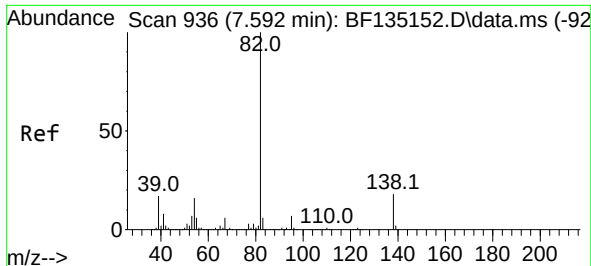
Ion Ratio Lower Upper

77 100

123 46.1 37.0 55.6

65 14.7 11.7 17.5





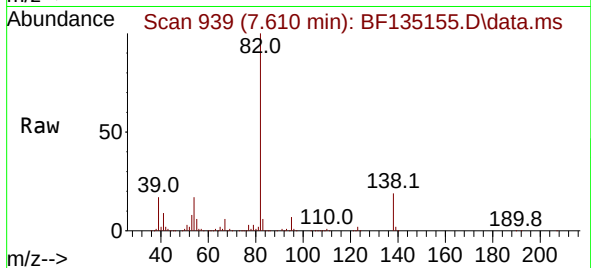
#25
Isophorone
Concen: 76.415 ng
RT: 7.610 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

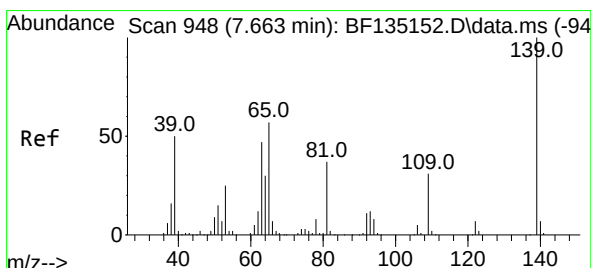
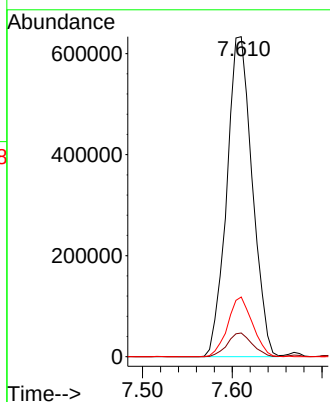
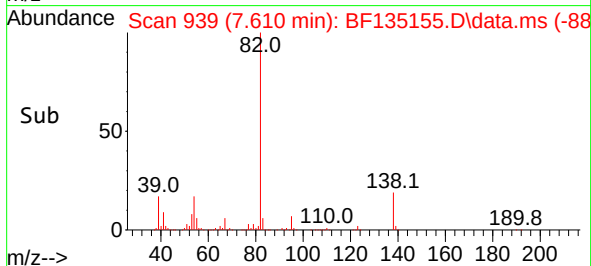


Tgt Ion: 82 Resp: 125014
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.7 14.0 21.0

Manual Integrations

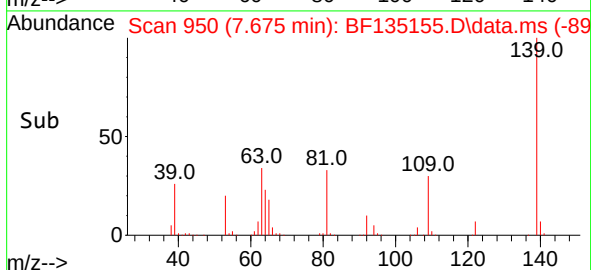
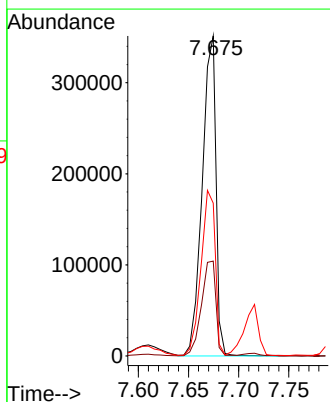
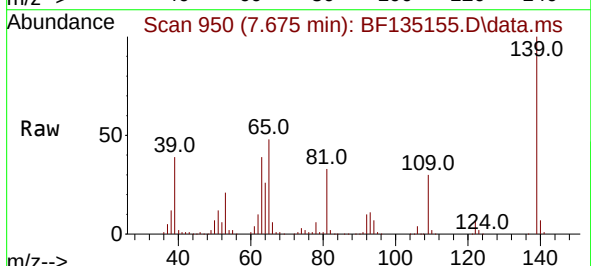
APPROVED

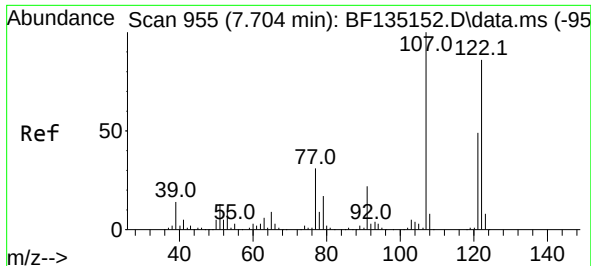
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#26
2-Nitrophenol
Concen: 77.673 ng
RT: 7.675 min Scan# 950
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Tgt Ion:139 Resp: 337297
Ion Ratio Lower Upper
139 100
109 29.6 25.0 37.4
65 47.8 45.3 67.9





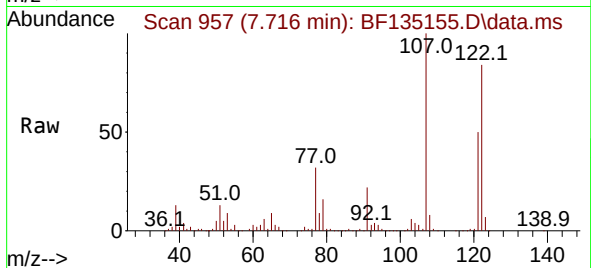
#27
2,4-Dimethylphenol
Concen: 75.155 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

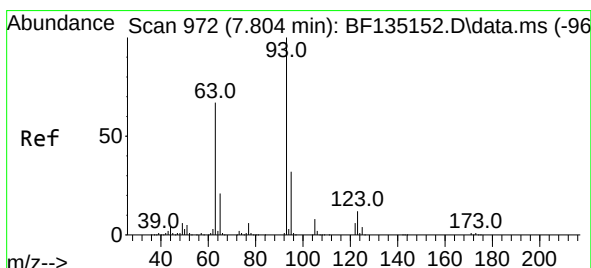
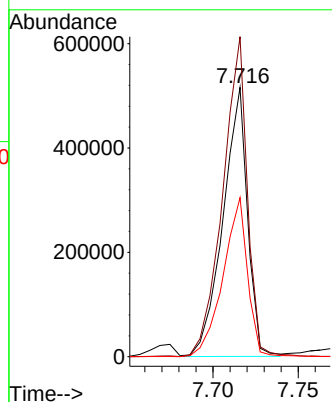
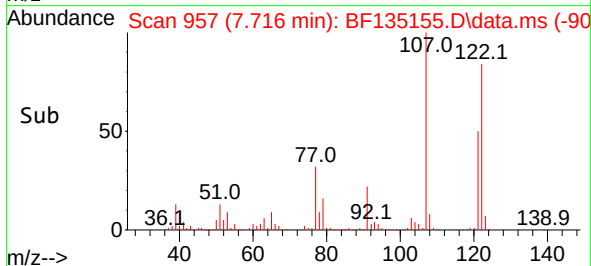


Tgt Ion:122 Resp: 51558
Ion Ratio Lower Upper
122 100
107 118.8 93.0 139.6
121 59.1 45.9 68.9

Manual Integrations

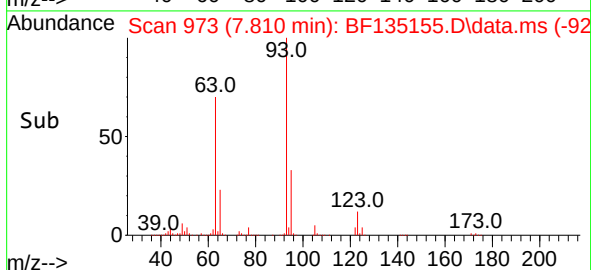
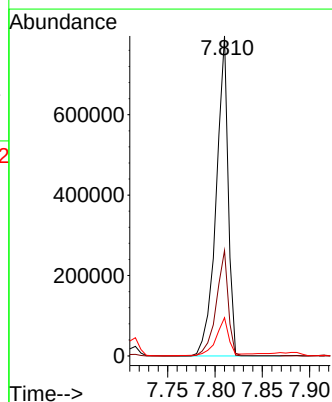
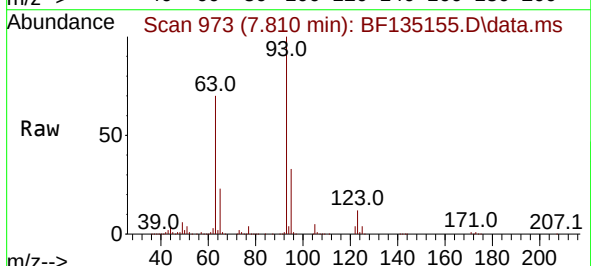
APPROVED

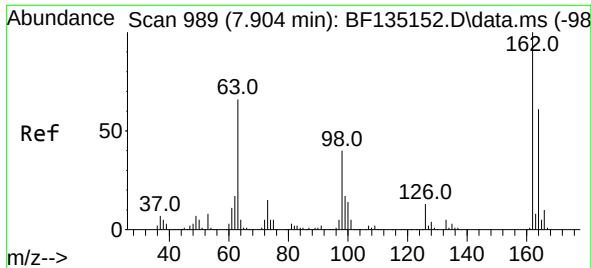
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#28
bis(2-Chloroethoxy)methane
Concen: 73.582 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Tgt Ion: 93 Resp: 703714
Ion Ratio Lower Upper
93 100
95 33.0 25.5 38.3
123 11.9 9.7 14.5





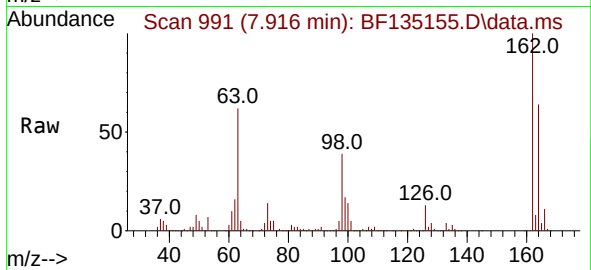
#29
2,4-Dichlorophenol
Concen: 73.721 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

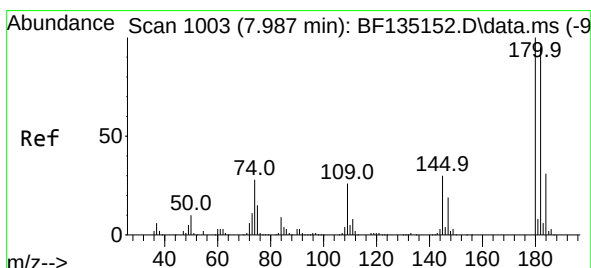
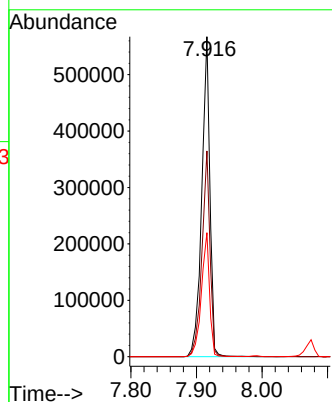
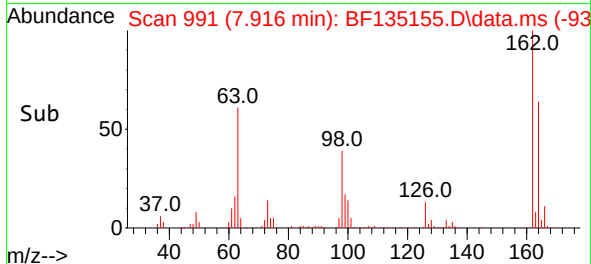


Tgt Ion:162 Resp: 493278
Ion Ratio Lower Upper
162 100
164 64.3 41.4 81.4
98 38.8 20.3 60.3

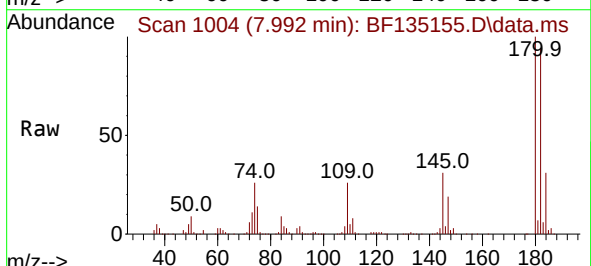
Manual Integrations

APPROVED

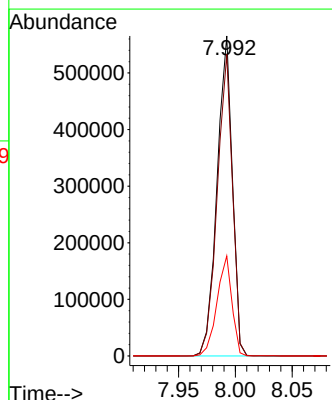
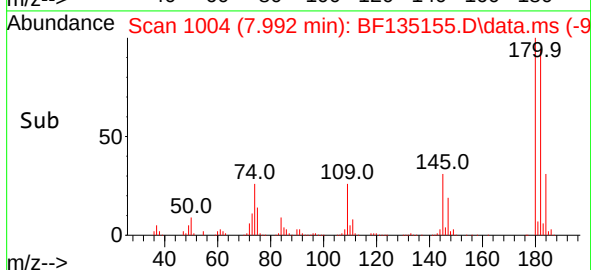
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

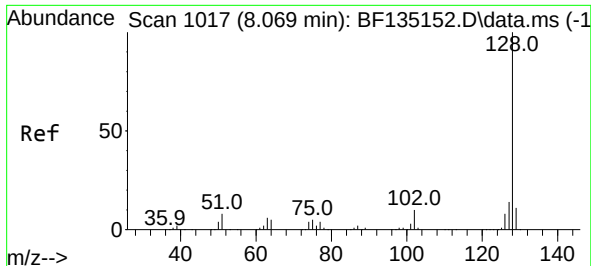


#30
1,2,4-Trichlorobenzene
Concen: 72.616 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



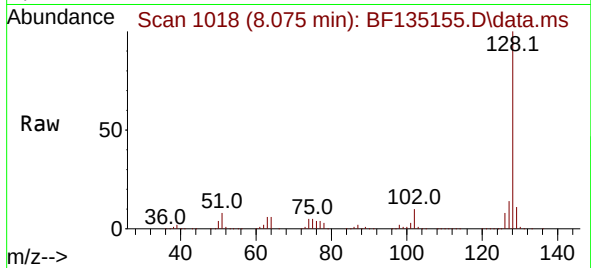
Tgt Ion:180 Resp: 529816
Ion Ratio Lower Upper
180 100
182 94.3 76.3 114.5
145 31.2 24.2 36.2





#31
Naphthalene
Concen: 71.776 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

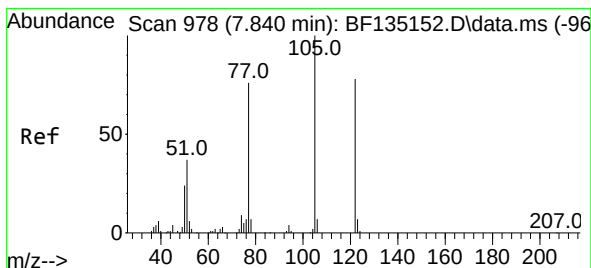
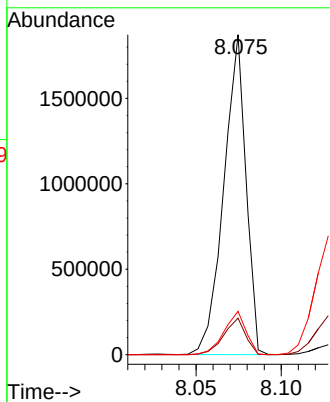
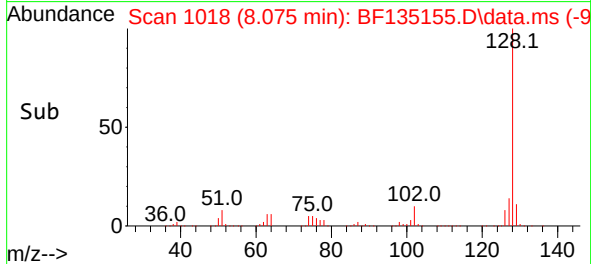
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



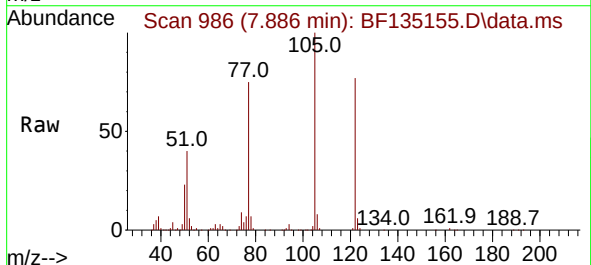
Tgt Ion:128 Resp: 169514
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 11.0 16.4

Manual Integrations
APPROVED

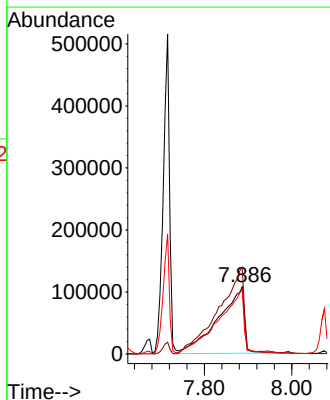
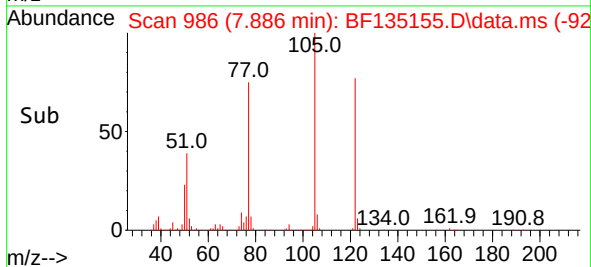
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

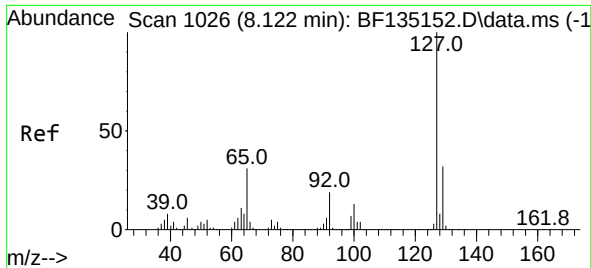


#32
Benzoic acid
Concen: 84.351 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.047 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



Tgt Ion:122 Resp: 446291
Ion Ratio Lower Upper
122 100
105 129.5 104.0 144.0
77 96.4 75.3 115.3





#33
4-Chloroaniline
Concen: 71.579 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

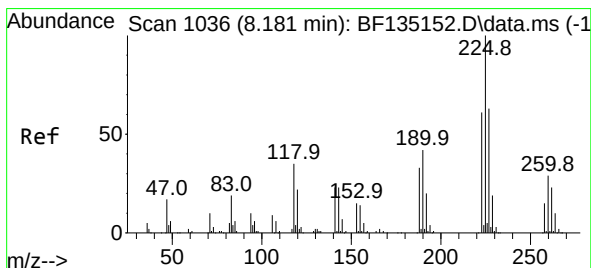
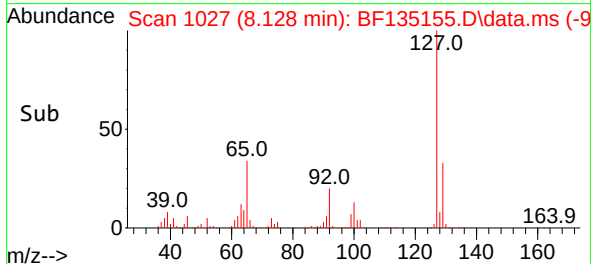
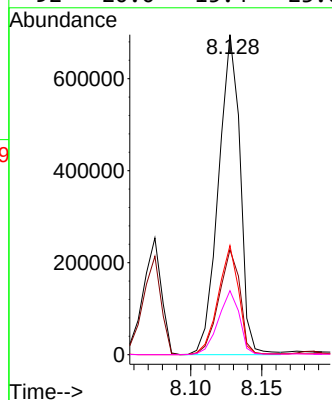
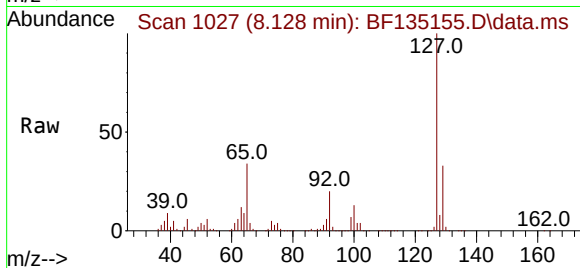
SSTDICC080

Tgt Ion:127 Resp: 73638
Ion Ratio Lower Upper
127 100
129 32.8 25.8 38.6
65 34.1 25.1 37.7
92 20.0 15.4 23.0

Manual Integrations

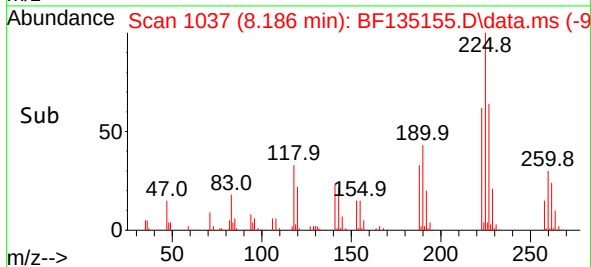
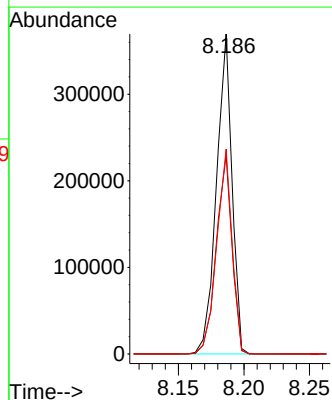
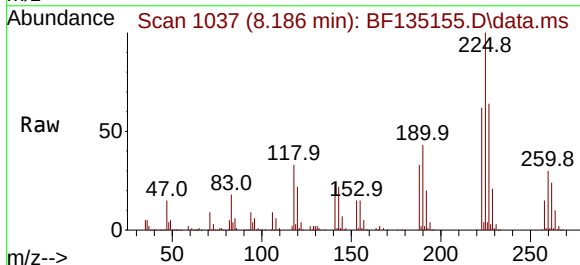
APPROVED

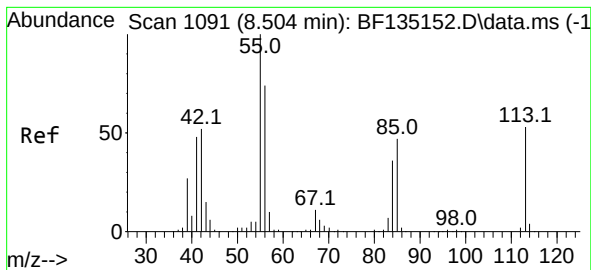
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#34
Hexachlorobutadiene
Concen: 72.365 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

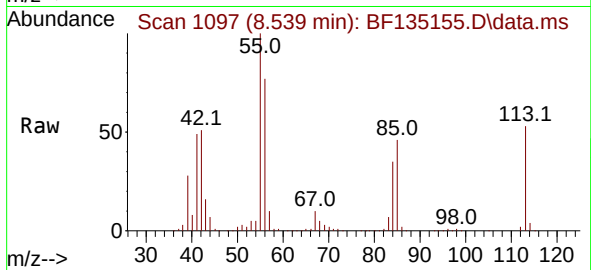
Tgt Ion:225 Resp: 303861
Ion Ratio Lower Upper
225 100
223 62.1 48.9 73.3
227 64.0 50.7 76.1





#35
Caprolactam
Concen: 76.593 ng m
RT: 8.539 min Scan# 1109
Delta R.T. 0.035 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

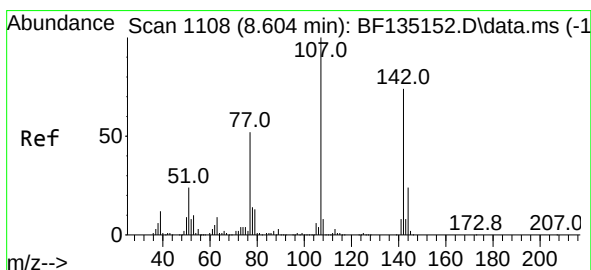
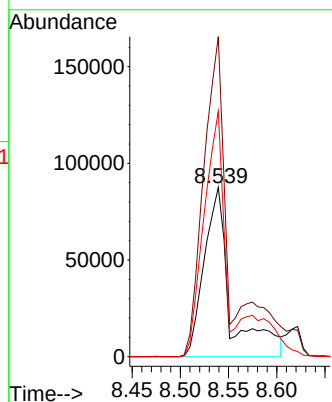
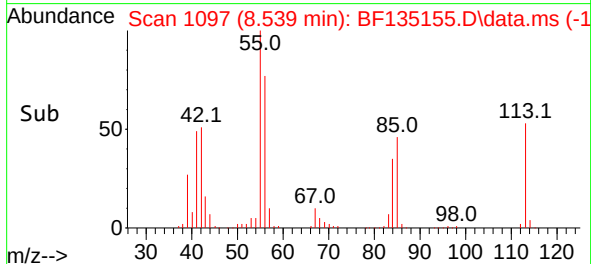
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 165838
Ion Ratio Lower Upper
113 100
55 189.0 169.9 209.9
56 144.9 120.0 160.0

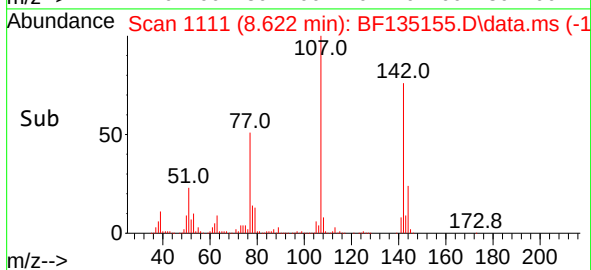
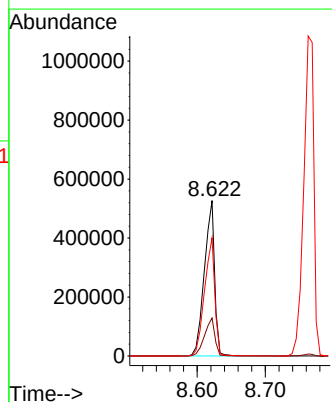
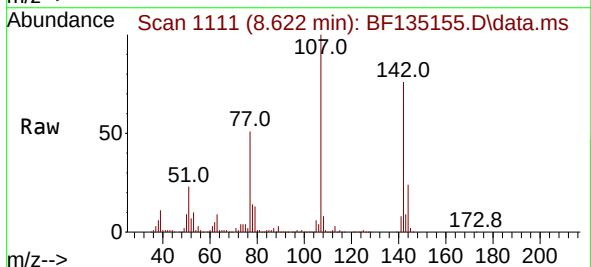
Manual Integrations
APPROVED

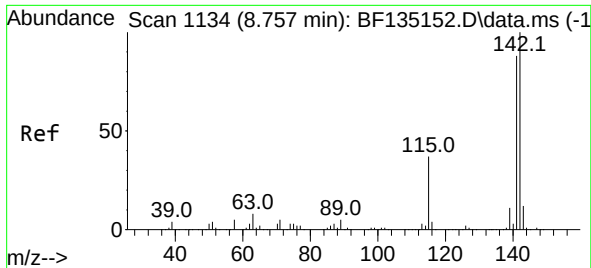
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#36
4-Chloro-3-methylphenol
Concen: 73.407 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.018 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Tgt Ion:107 Resp: 551579
Ion Ratio Lower Upper
107 100
144 24.4 19.5 29.3
142 75.9 59.4 89.0





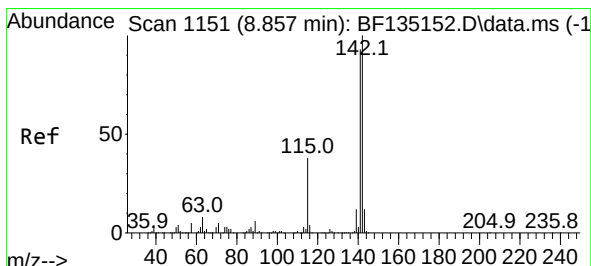
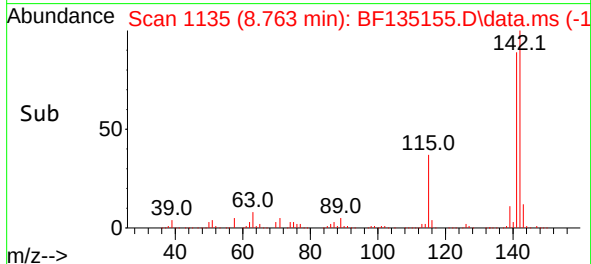
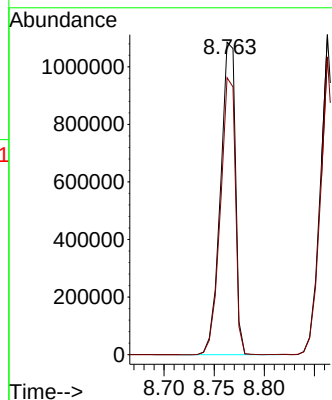
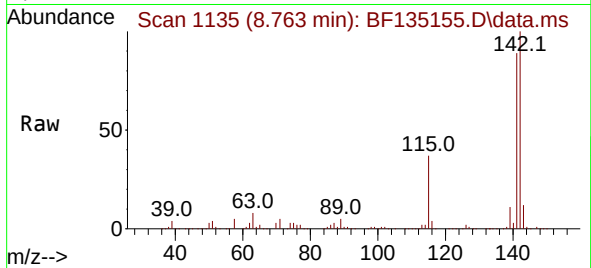
#37
2-Methylnaphthalene
Concen: 70.140 ng
RT: 8.763 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 112384
Ion Ratio Lower Upper
142 100
141 88.6 70.1 105.1

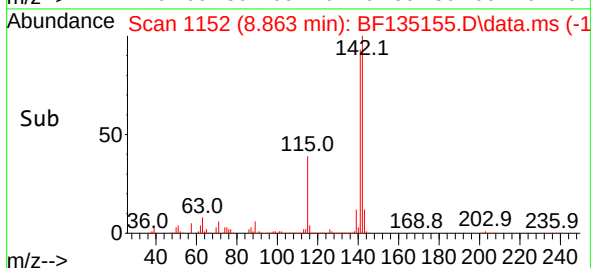
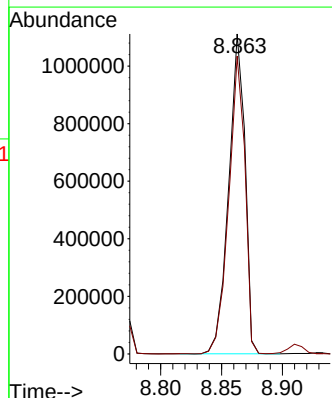
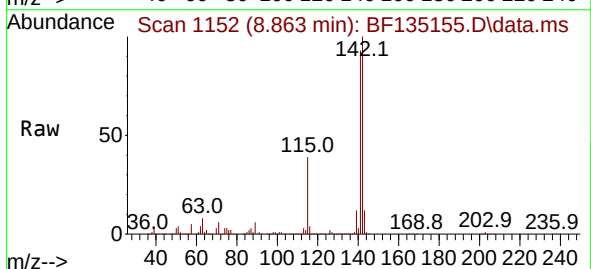
Manual Integrations
APPROVED

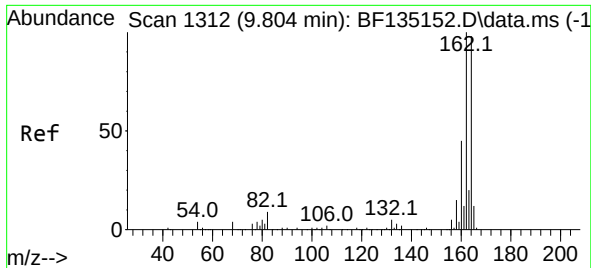
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#38
1-Methylnaphthalene
Concen: 69.698 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Tgt Ion:142 Resp: 1034389
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.2





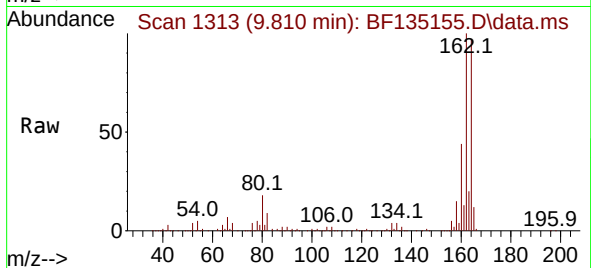
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

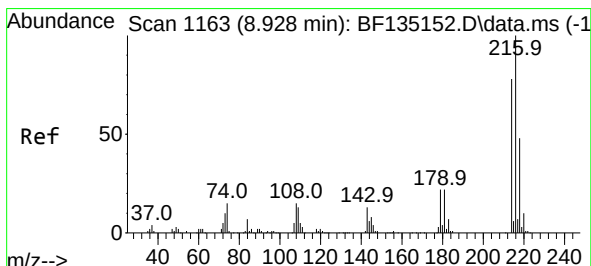
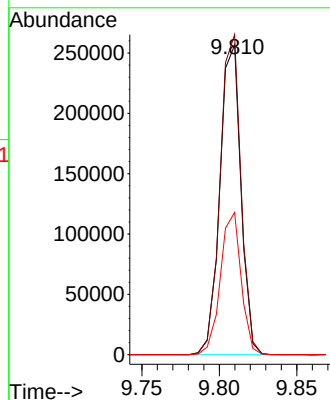
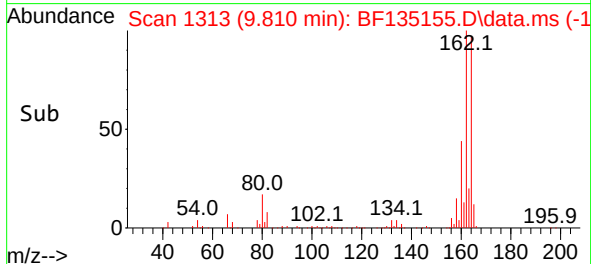


Tgt Ion:164 Resp: 24182
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.2
160 45.9 36.8 55.2

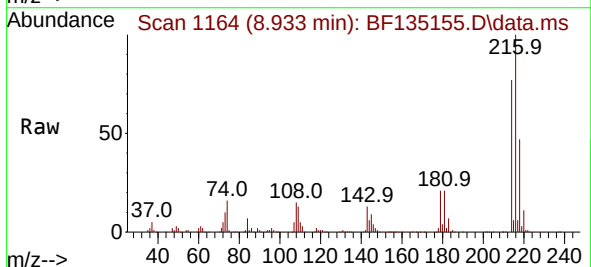
Manual Integrations

APPROVED

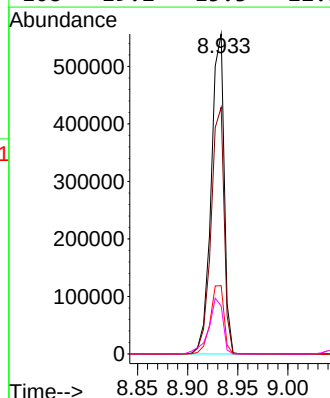
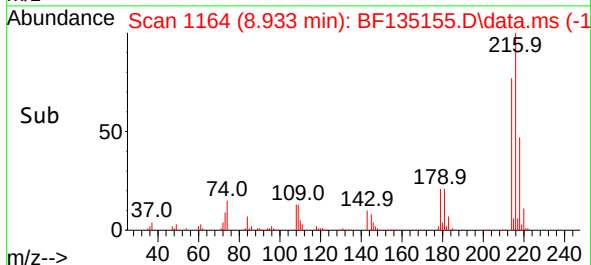
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

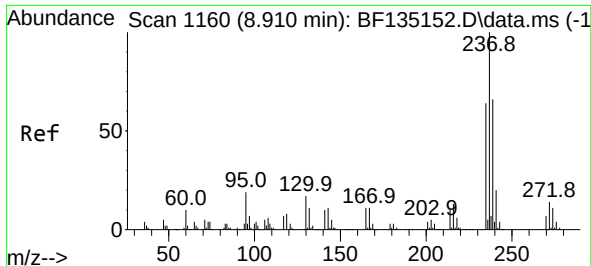


#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.972 ng
RT: 8.933 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



Tgt Ion:216 Resp: 500570
Ion Ratio Lower Upper
216 100
214 78.2 62.8 94.2
179 22.5 18.0 27.0
108 19.2 15.3 22.9





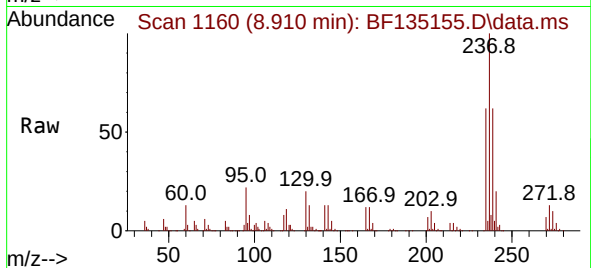
#41
Hexachlorocyclopentadiene
Concen: 82.598 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

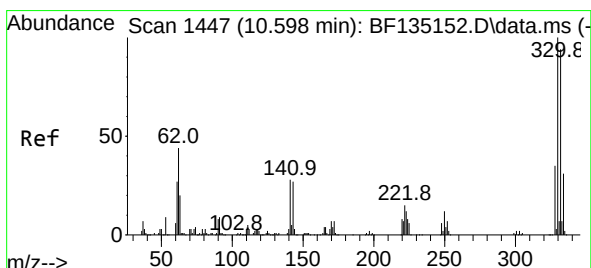
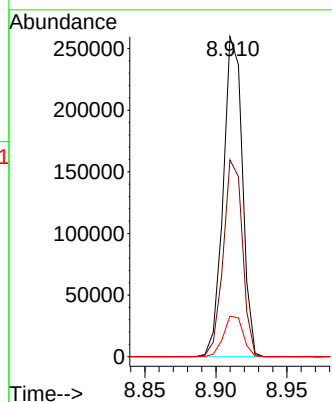
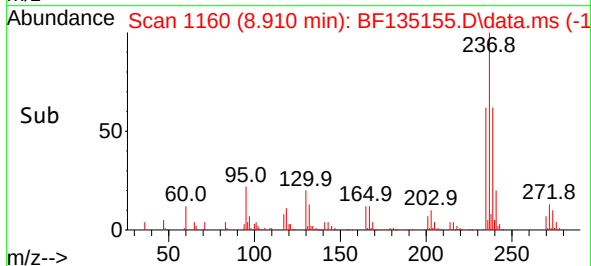


Tgt Ion:237 Resp: 243158
Ion Ratio Lower Upper
237 100
235 61.5 43.6 83.6
272 12.6 0.0 33.9

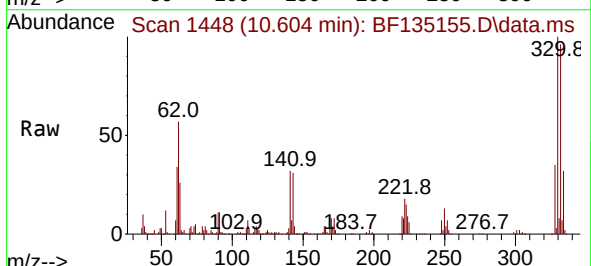
Manual Integrations

APPROVED

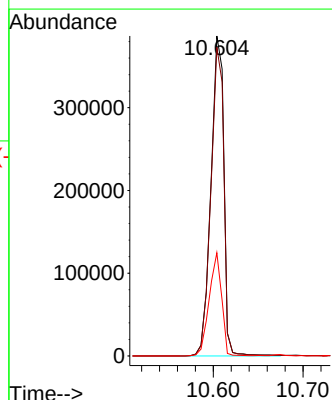
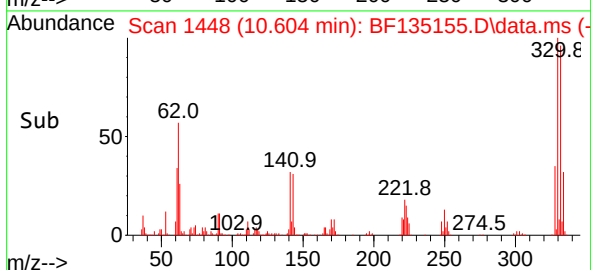
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

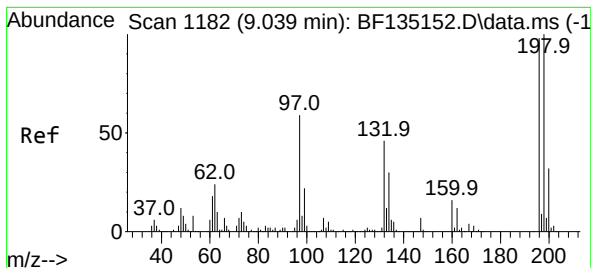


#42
2,4,6-Tribromophenol
Concen: 142.072 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



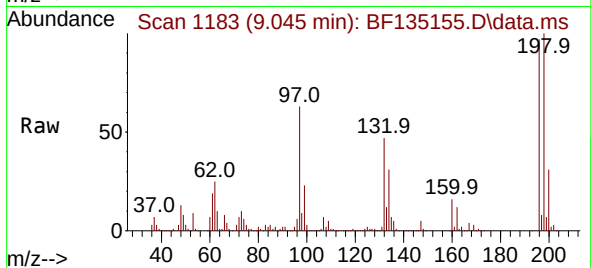
Tgt Ion:330 Resp: 386344
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 31.2 25.9 38.9





#43
2,4,6-Trichlorophenol
Concen: 73.987 ng
RT: 9.045 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

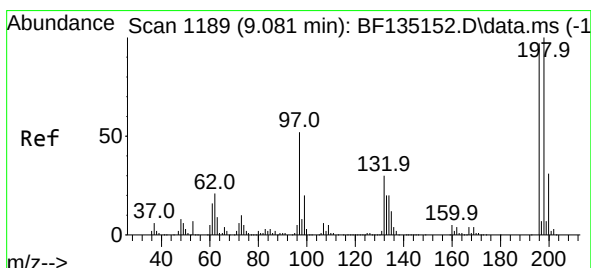
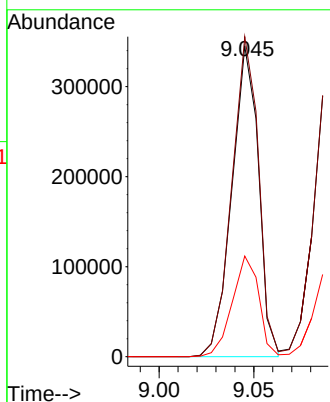
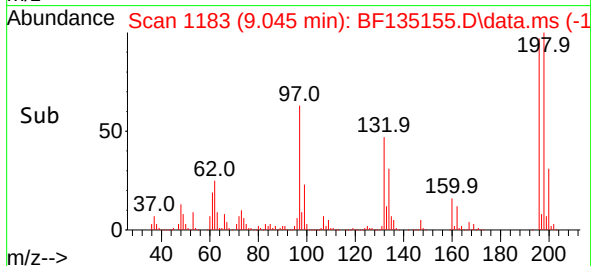
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



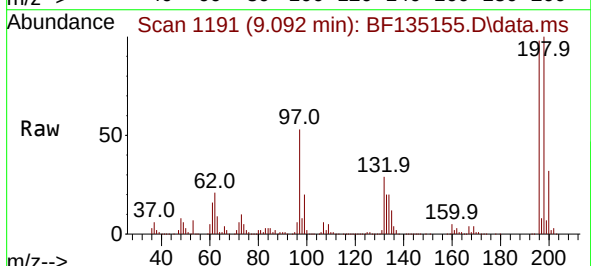
Tgt Ion:196 Resp: 336779
Ion Ratio Lower Upper
196 100
198 103.0 82.0 123.0
200 32.4 26.1 39.1

Manual Integrations
APPROVED

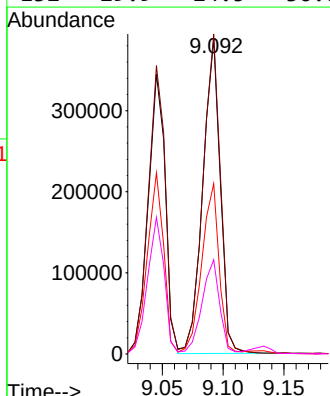
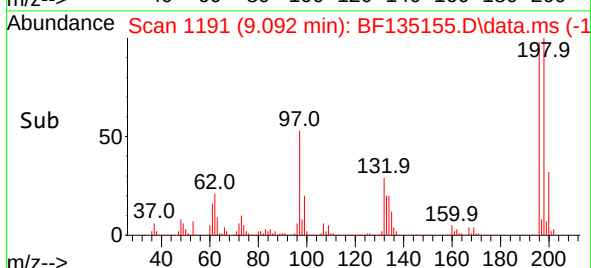
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

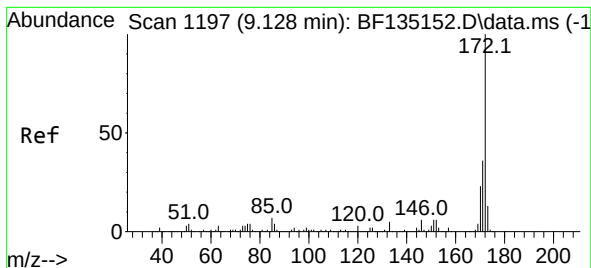


#44
2,4,5-Trichlorophenol
Concen: 73.172 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



Tgt Ion:196 Resp: 385342
Ion Ratio Lower Upper
196 100
198 101.6 82.3 123.5
97 54.1 43.1 64.7
132 29.9 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 135.145 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF135155.D

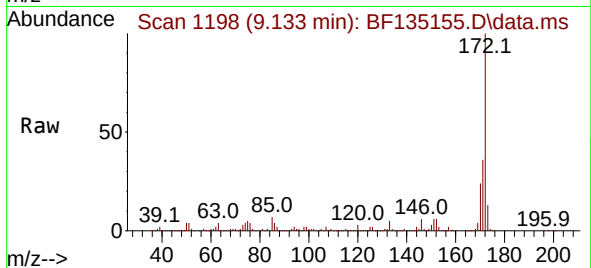
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:172 Resp: 2081219

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

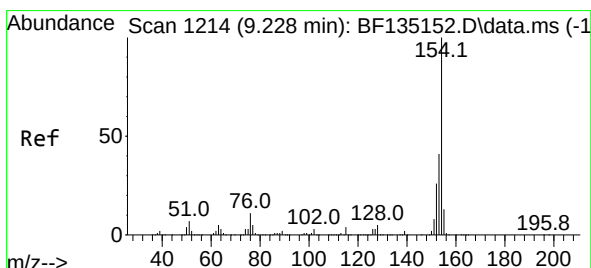
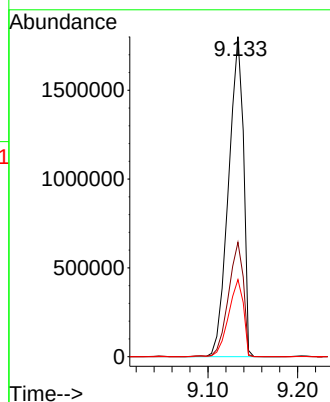
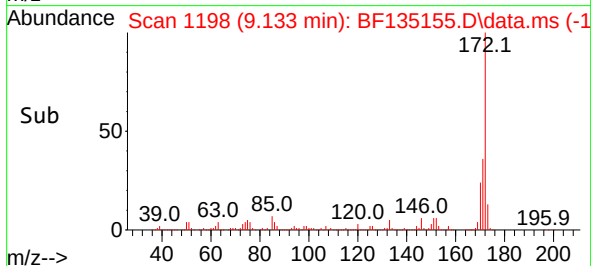
170 24.1 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/10/2023



#46

1,1'-Biphenyl

Concen: 70.149 ng

RT: 9.233 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

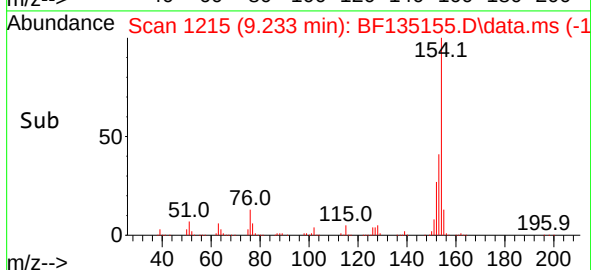
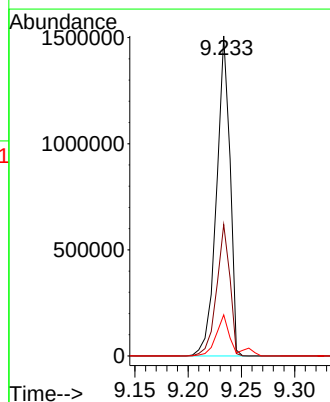
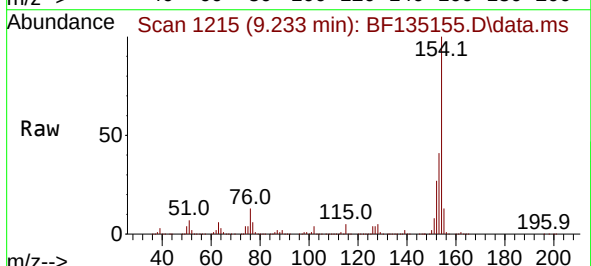
Tgt Ion:154 Resp: 1316018

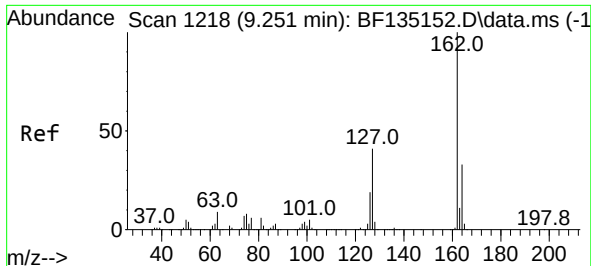
Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

76 12.9 0.0 31.0





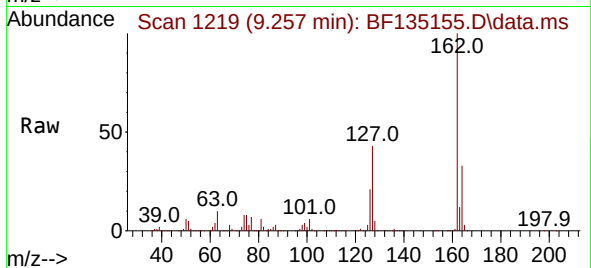
#47
2-Chloronaphthalene
Concen: 72.060 ng
RT: 9.257 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

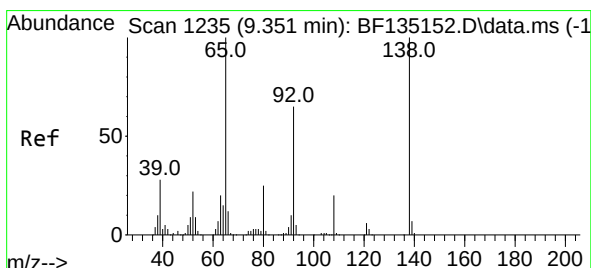
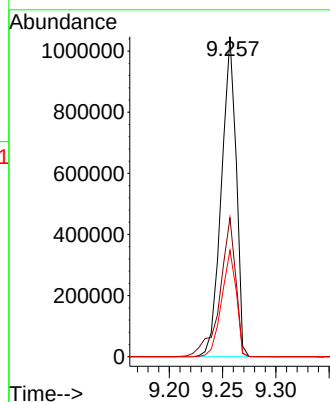
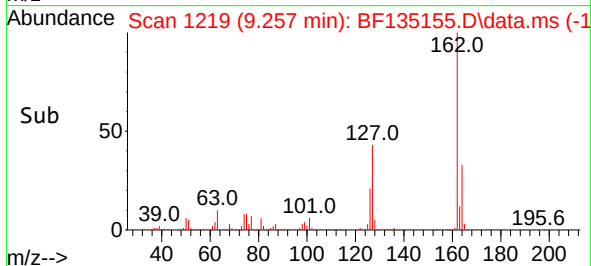


Tgt Ion:162 Resp: 100362
Ion Ratio Lower Upper
162 100
127 43.4 33.0 49.4
164 33.3 26.3 39.5

Manual Integrations

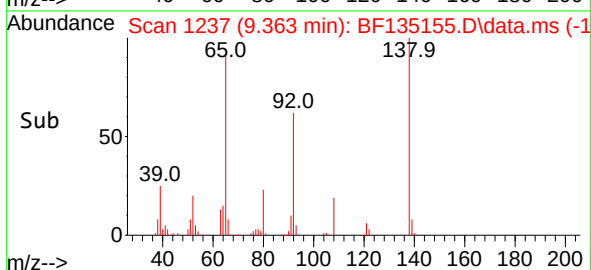
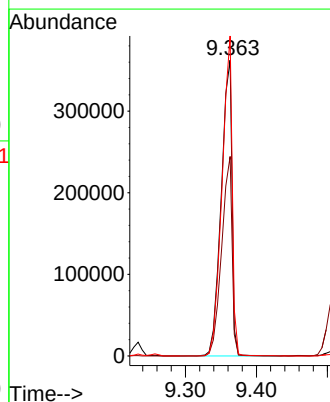
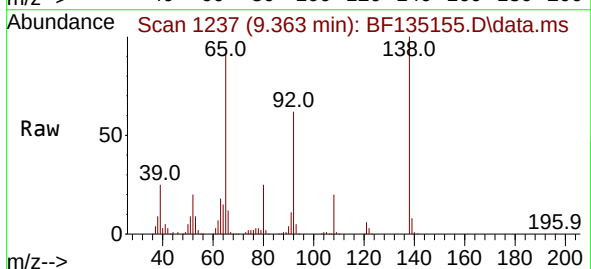
APPROVED

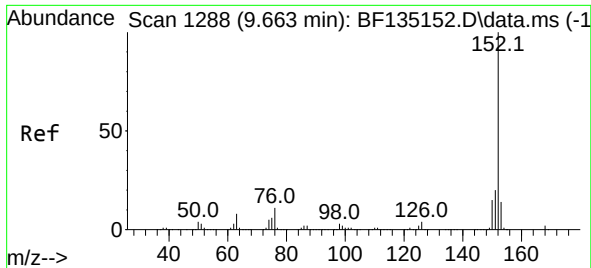
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#48
2-Nitroaniline
Concen: 76.810 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Tgt Ion: 65 Resp: 377929
Ion Ratio Lower Upper
65 100
92 67.4 51.9 77.9
138 108.2 79.9 119.9





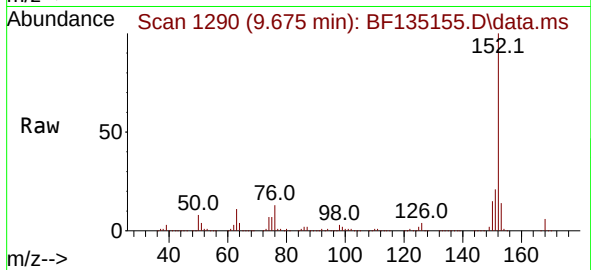
#49
Acenaphthylene
Concen: 68.275 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

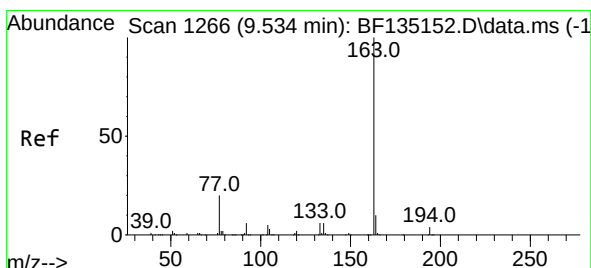
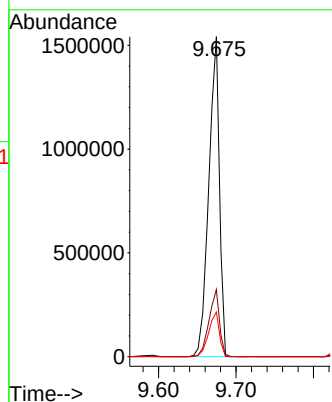
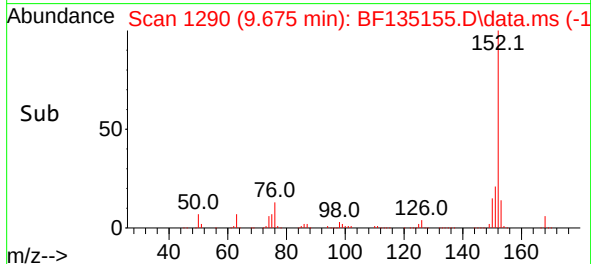


Tgt Ion:152 Resp: 1469740
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 14.0 11.4 17.0

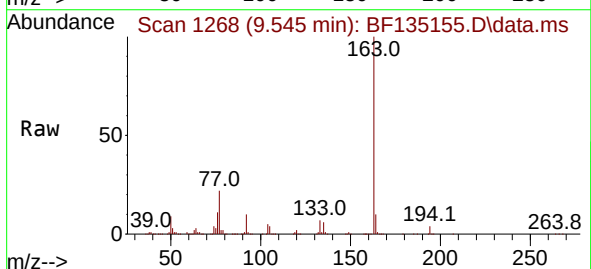
Manual Integrations

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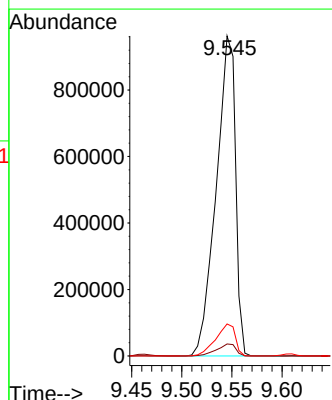
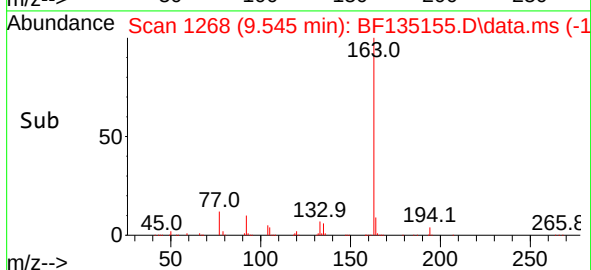
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

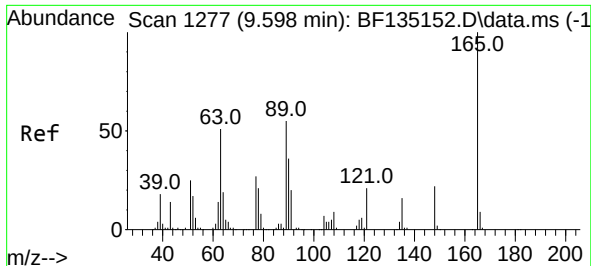


#50
Dimethylphthalate
Concen: 74.317 ng
RT: 9.545 min Scan# 1268
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



Tgt Ion:163 Resp: 1287953
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 73.647 ng

RT: 9.610 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:165 Resp: 27948

Ion Ratio Lower Upper

165 100

63 60.2 44.6 67.0

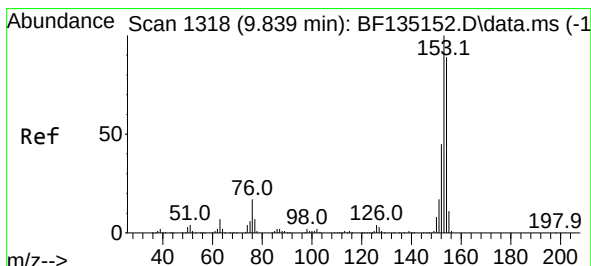
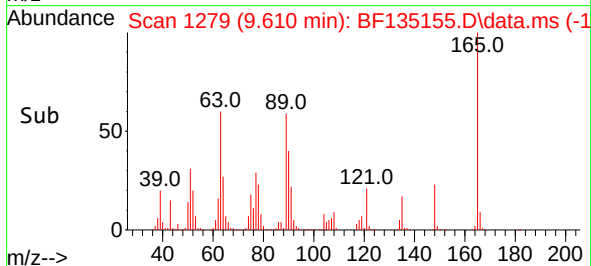
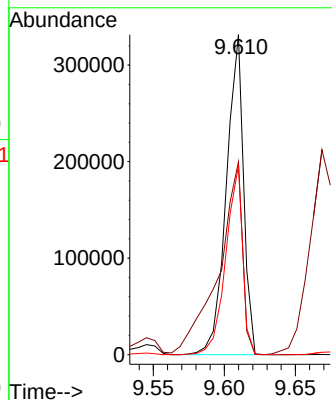
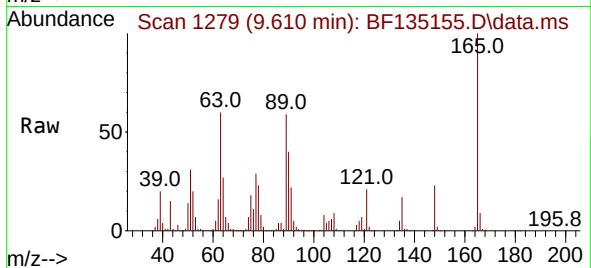
89 59.1 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/10/2023



#52

Acenaphthene

Concen: 71.076 ng

RT: 9.845 min Scan# 1319

Delta R.T. 0.006 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

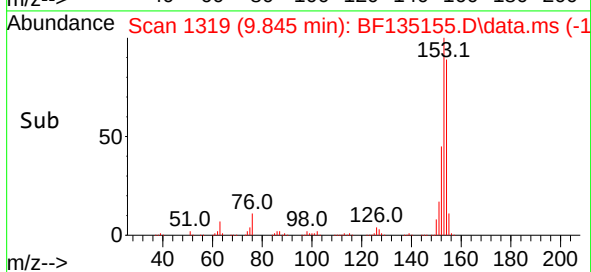
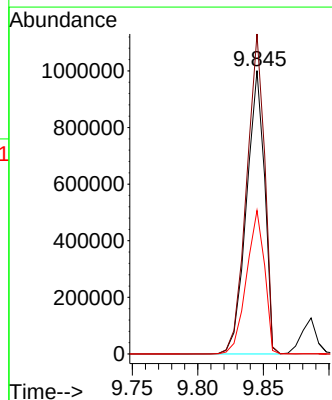
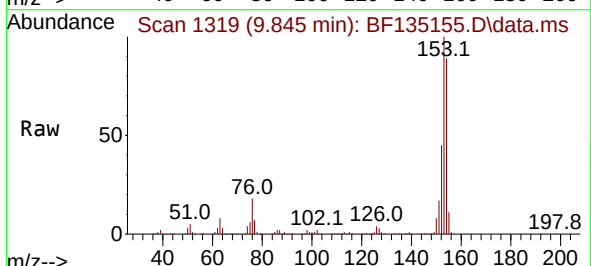
Tgt Ion:154 Resp: 960308

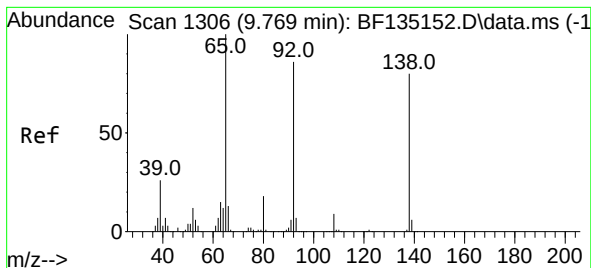
Ion Ratio Lower Upper

154 100

153 112.9 89.4 134.0

152 50.7 40.6 61.0





#53
3-Nitroaniline
Concen: 74.259 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.011 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

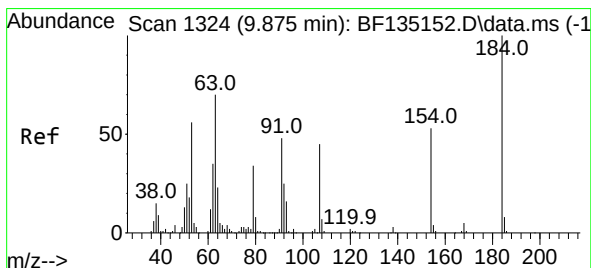
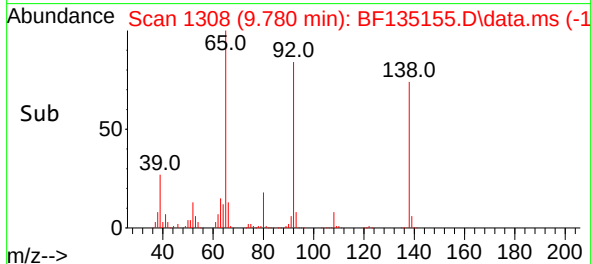
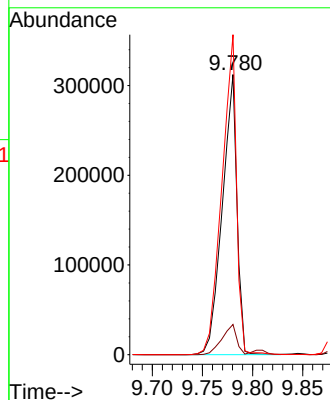
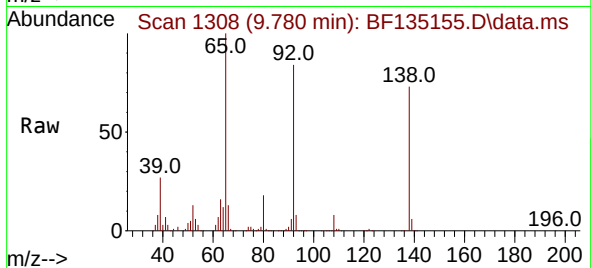
SSTDICC080

Tgt Ion:138 Resp: 31748
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 114.2 86.1 129.1

Manual Integrations

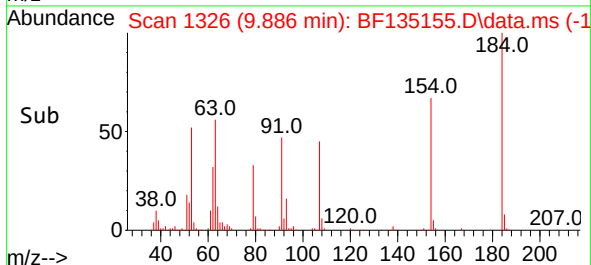
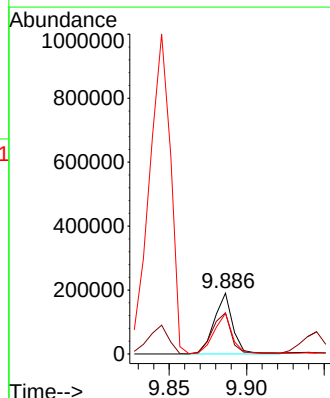
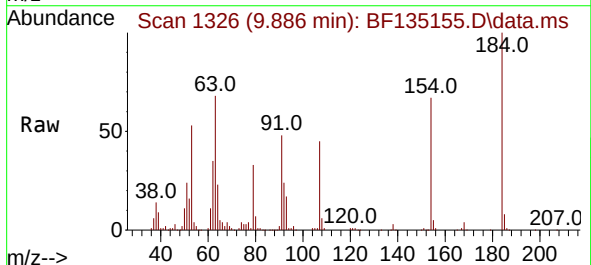
APPROVED

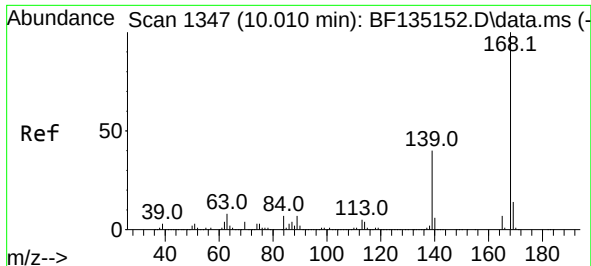
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#54
2,4-Dinitrophenol
Concen: 89.594 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.011 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

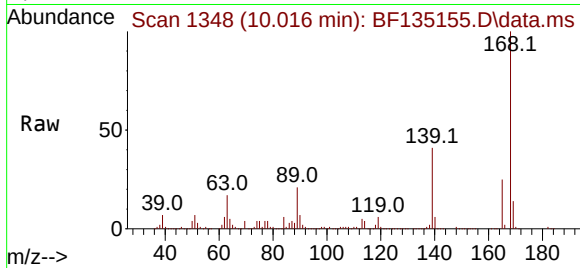
Tgt Ion:184 Resp: 158668
Ion Ratio Lower Upper
184 100
63 67.6 56.7 85.1
154 66.9 51.0 76.6





#55
Dibenzenofuran
Concen: 67.284 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

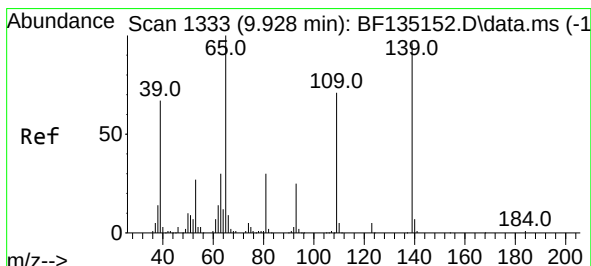
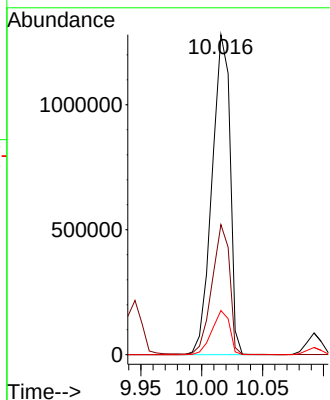
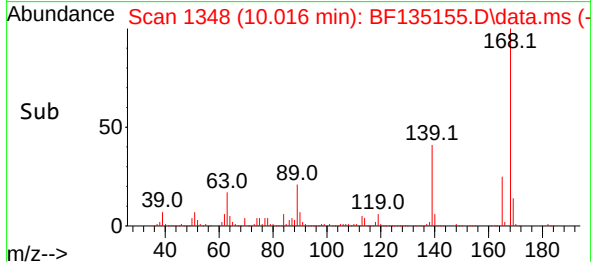
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 132083
Ion Ratio Lower Upper
168 100
139 40.6 32.1 48.1
169 13.8 11.0 16.6

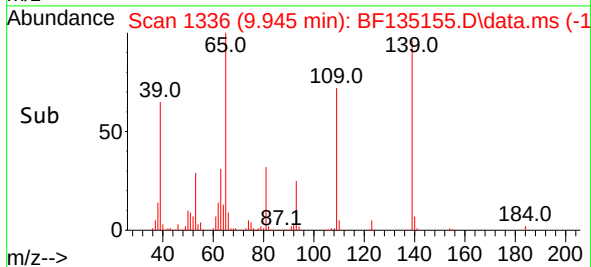
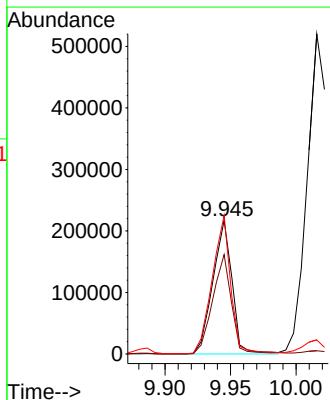
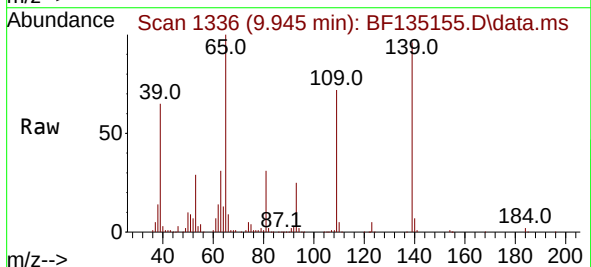
Manual Integrations
APPROVED

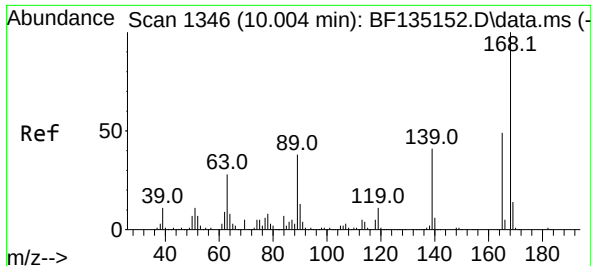
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#56
4-Nitrophenol
Concen: 77.919 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Tgt Ion:139 Resp: 221237
Ion Ratio Lower Upper
139 100
109 74.4 53.7 93.7
65 103.8 84.8 124.8





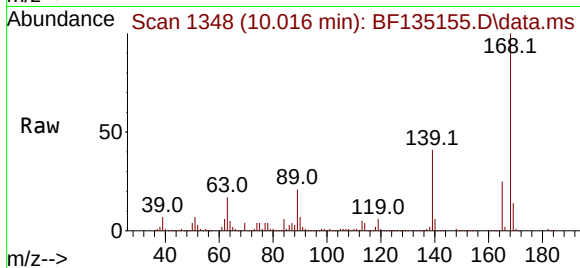
#57
2,4-Dinitrotoluene
Concen: 67.933 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

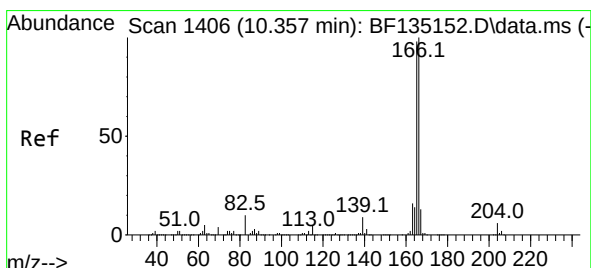
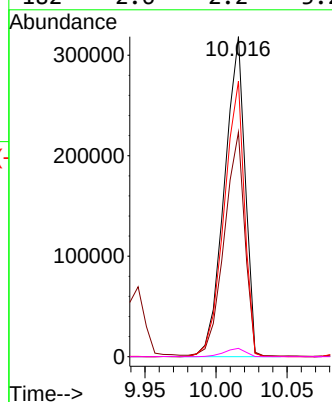
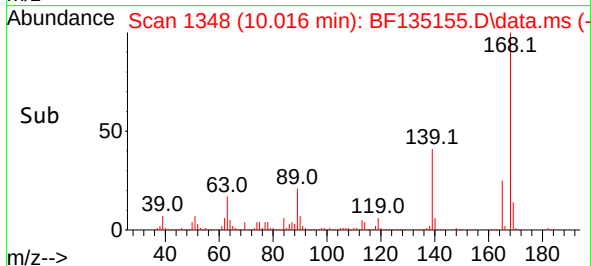


Tgt Ion:165 Resp: 323034
Ion Ratio Lower Upper
165 100
63 70.1 46.3 69.5
89 86.1 61.8 92.6
182 2.6 2.2 3.2

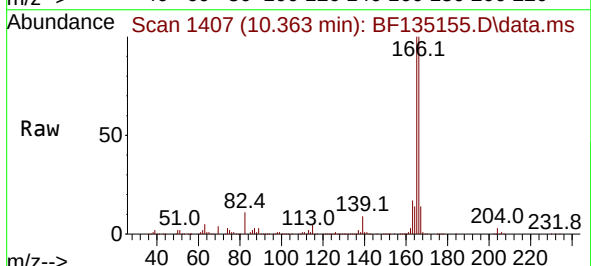
Manual Integrations

APPROVED

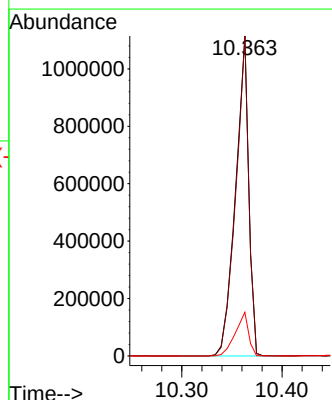
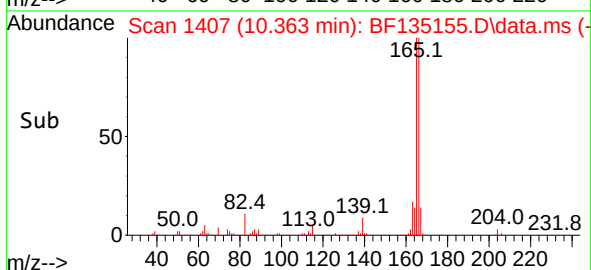
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

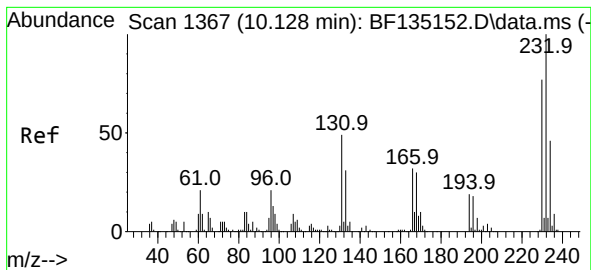


#58
Fluorene
Concen: 66.419 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



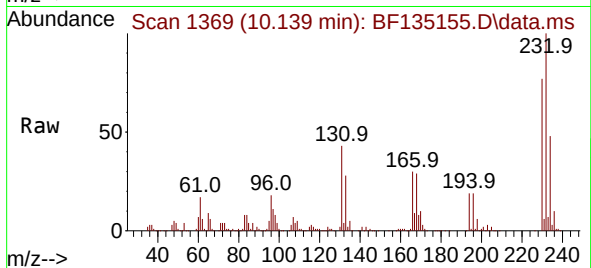
Tgt Ion:166 Resp: 1023100
Ion Ratio Lower Upper
166 100
165 100.0 78.5 117.7
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 70.703 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

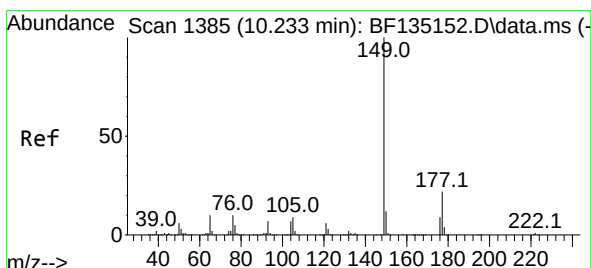
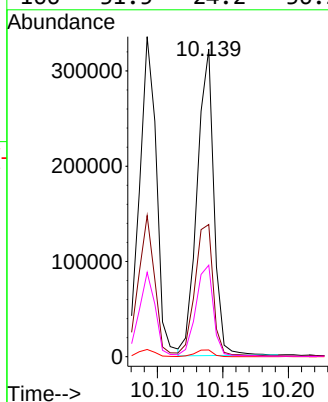
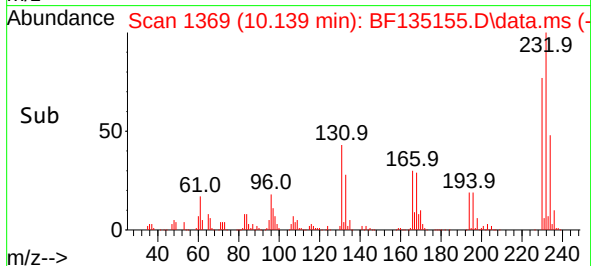
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



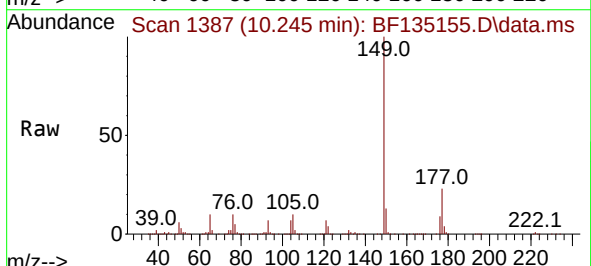
Tgt Ion:232 Resp: 287970
Ion Ratio Lower Upper
232 100
131 47.2 36.7 55.1
130 2.4 2.1 3.1
166 31.5 24.2 36.2

Manual Integrations
APPROVED

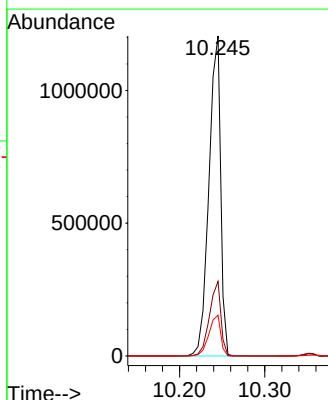
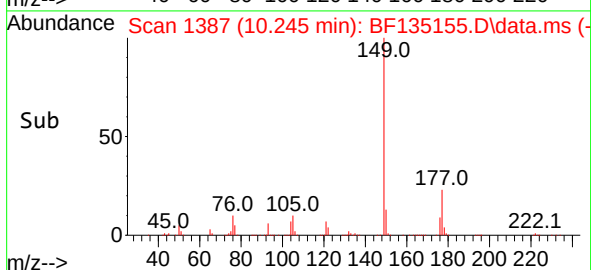
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

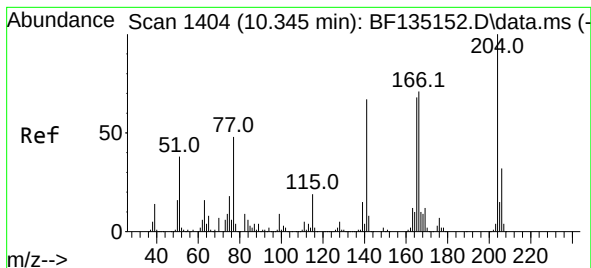


#60
Diethylphthalate
Concen: 70.833 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



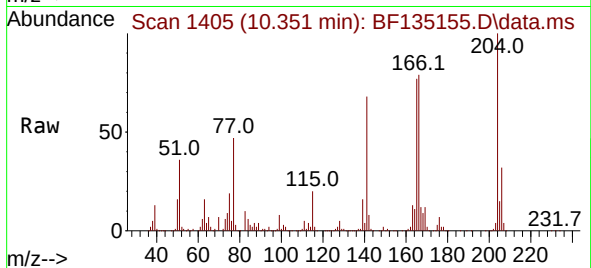
Tgt Ion:149 Resp: 1152314
Ion Ratio Lower Upper
149 100
177 23.3 17.8 26.6
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 66.522 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

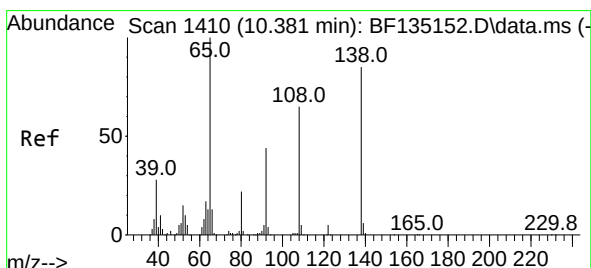
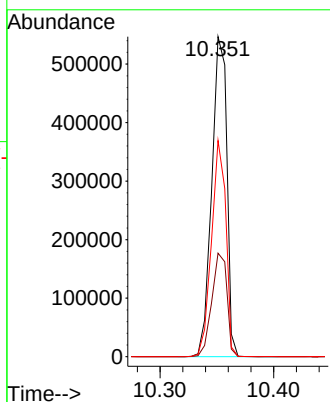
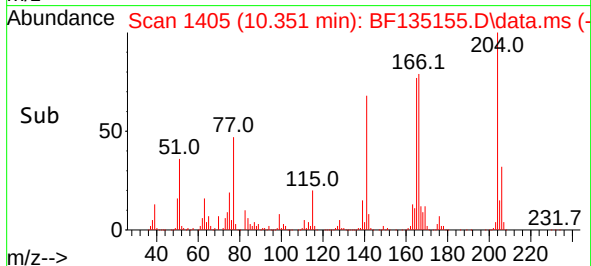
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:204 Resp: 503869
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 67.5 53.9 80.9

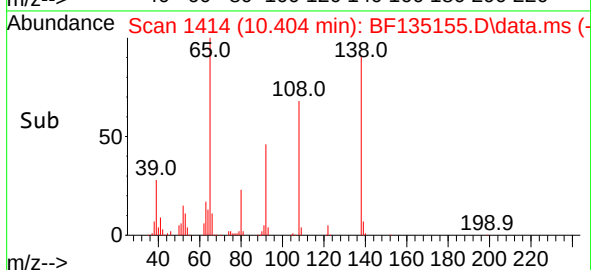
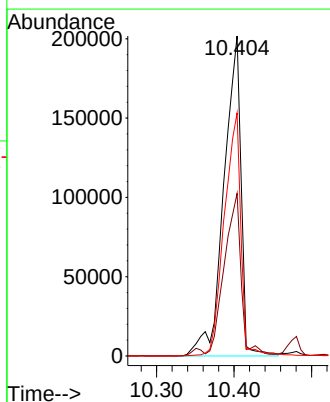
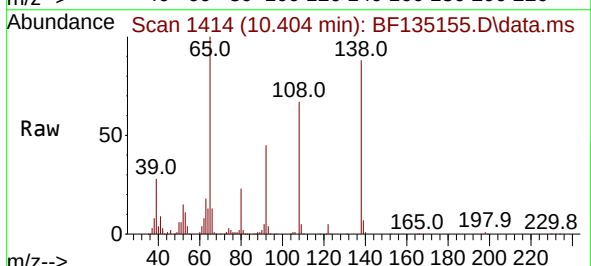
Manual Integrations
APPROVED

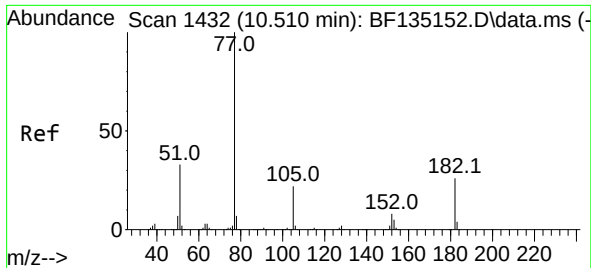
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#62
4-Nitroaniline
Concen: 74.517 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.023 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

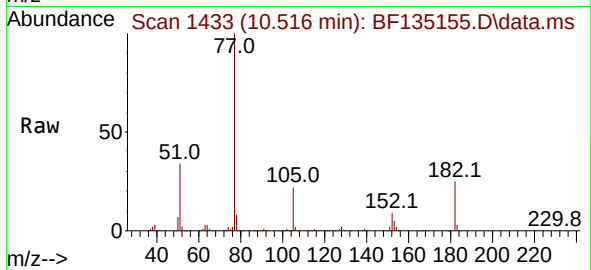
Tgt Ion:138 Resp: 311415
Ion Ratio Lower Upper
138 100
92 50.8 31.7 71.7
108 76.0 56.9 96.9





#63
Azobenzene
Concen: 71.165 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

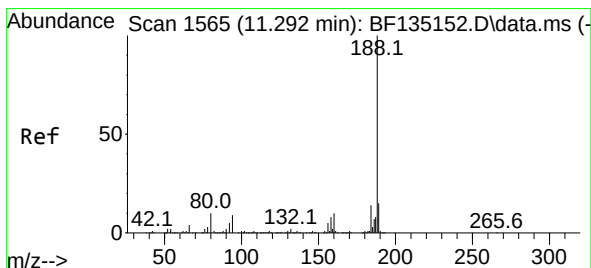
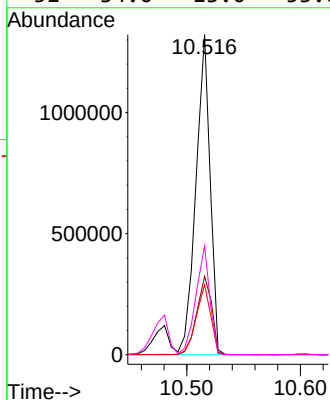
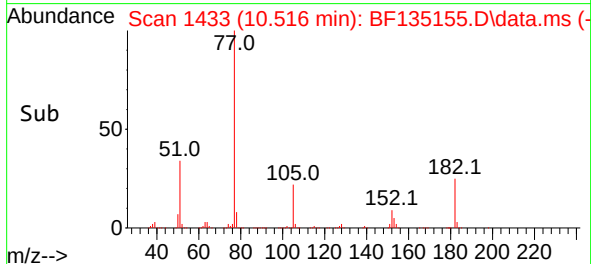
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



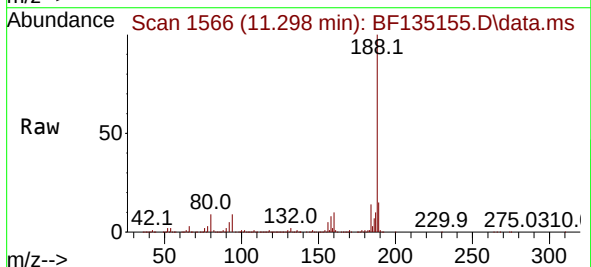
Tgt Ion: 77 Resp: 1149420
Ion Ratio Lower Upper
77 100
182 24.5 5.8 45.8
105 21.9 2.3 42.3
51 34.0 13.0 53.0

Manual Integrations
APPROVED

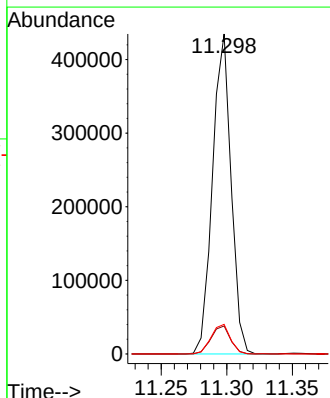
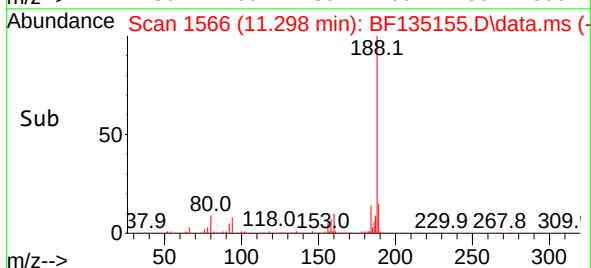
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

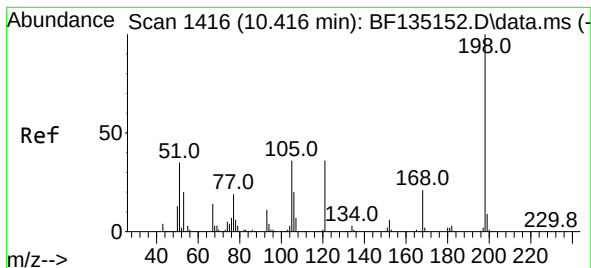


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



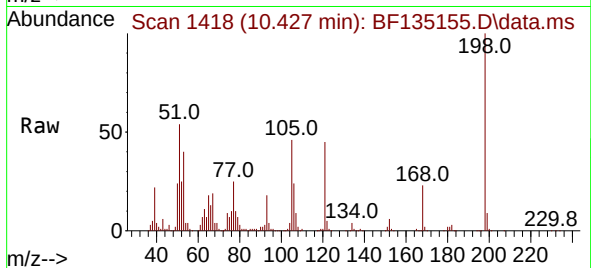
Tgt Ion:188 Resp: 427238
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.3 8.2 12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 84.859 ng
RT: 10.427 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

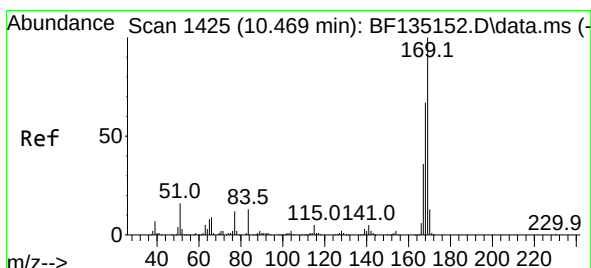
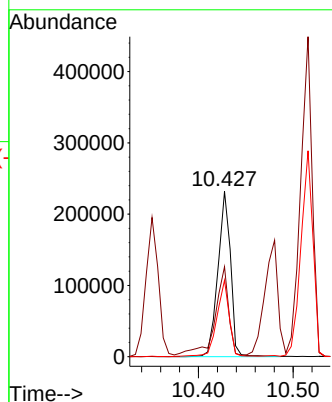
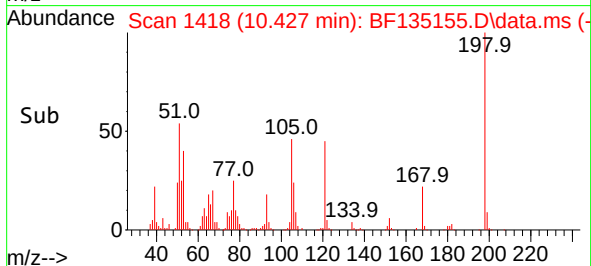
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



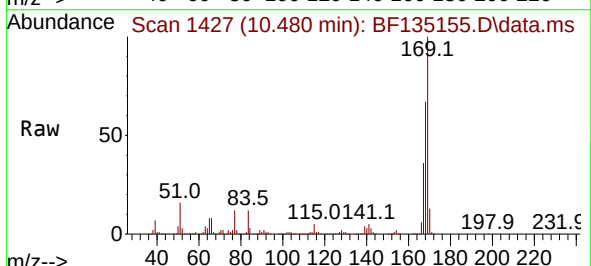
Tgt Ion:198 Resp: 21375
Ion Ratio Lower Upper
198 100
51 54.4 19.9 59.9
105 46.2 16.9 56.9

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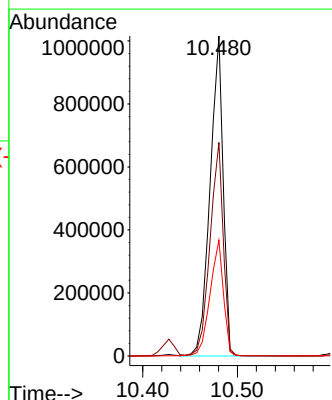
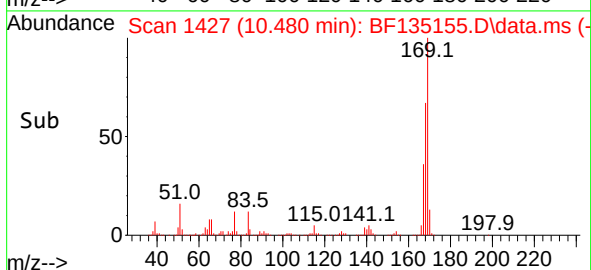
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

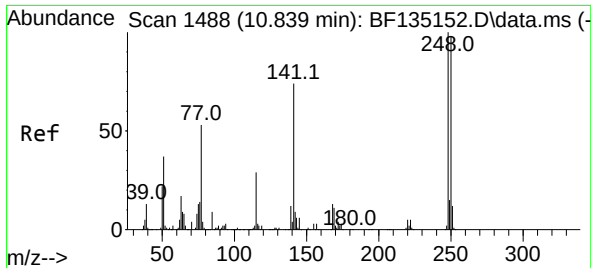


#66
n-Nitrosodiphenylamine
Concen: 72.979 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



Tgt Ion:169 Resp: 974449
Ion Ratio Lower Upper
169 100
168 66.8 53.6 80.4
167 36.2 29.0 43.4





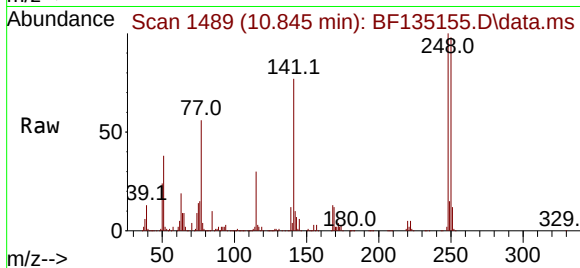
#67
4-Bromophenyl-phenylether
Concen: 73.525 ng
RT: 10.845 min Scan# 1488
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

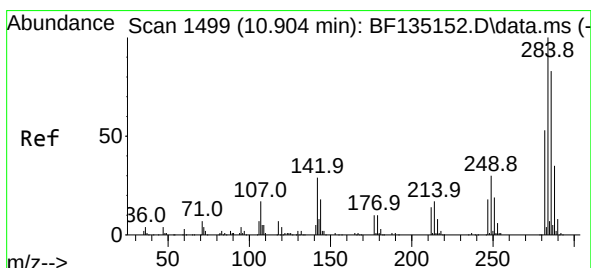
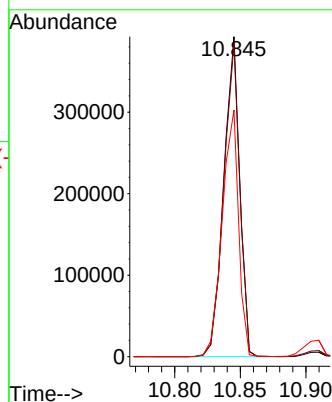
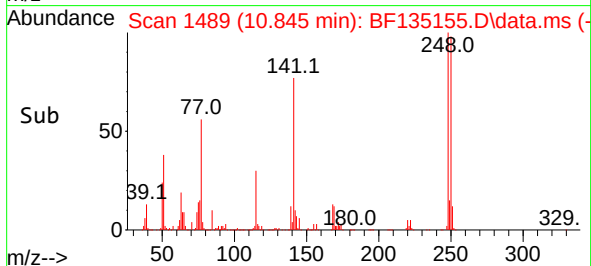


Tgt Ion:248 Resp: 33371
Ion Ratio Lower Upper
248 100
250 97.6 78.5 117.7
141 77.1 59.2 88.8

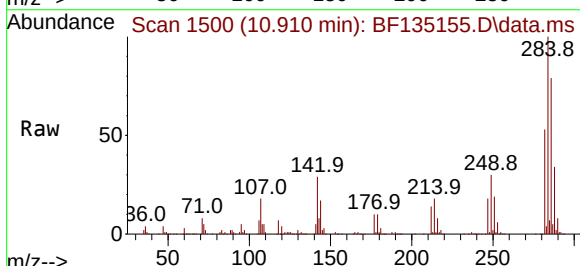
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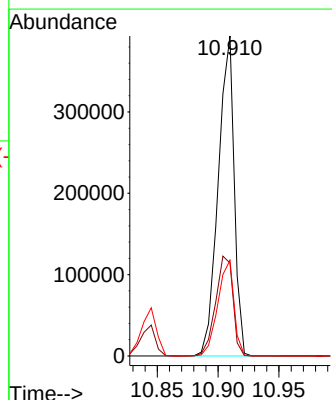
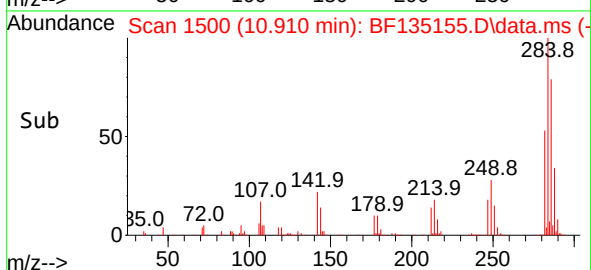
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

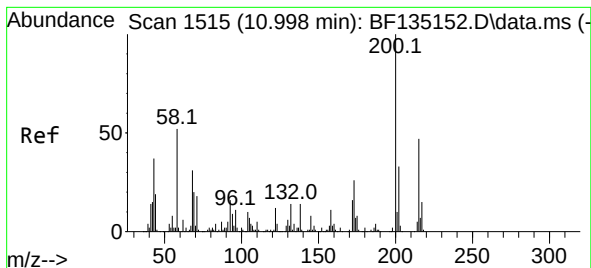


#68
Hexachlorobenzene
Concen: 74.130 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



Tgt Ion:284 Resp: 360519
Ion Ratio Lower Upper
284 100
142 29.0 23.0 34.4
249 29.9 23.7 35.5





#69

Atrazine

Concen: 60.897 ng

RT: 11.010 min Scan# 1515

Delta R.T. 0.012 min

Lab File: BF135155.D

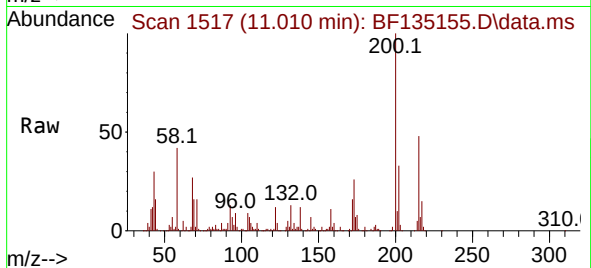
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:200 Resp: 195218

Ion Ratio Lower Upper

200 100

173 25.6 6.1 46.1

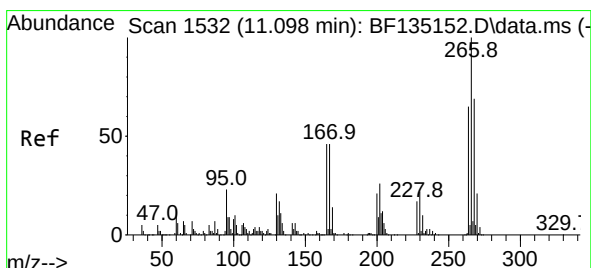
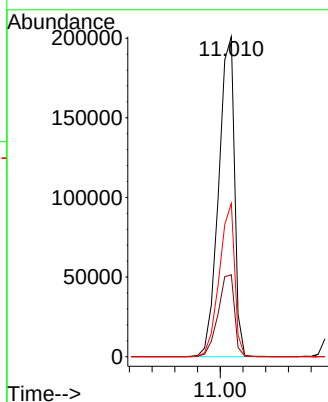
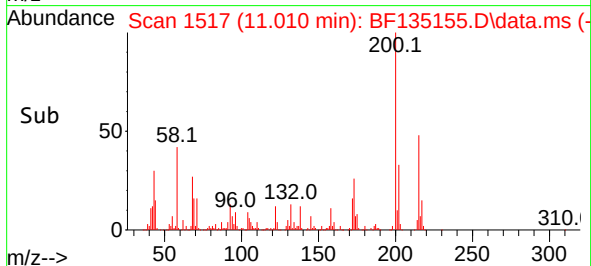
215 47.9 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/10/2023



#70

Pentachlorophenol

Concen: 78.877 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

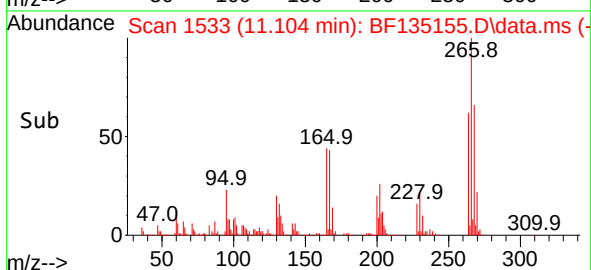
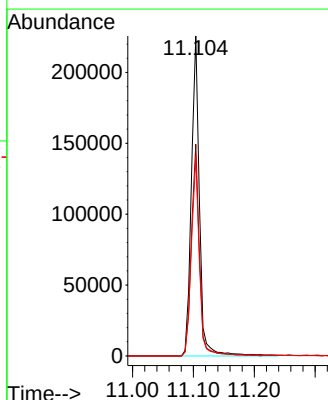
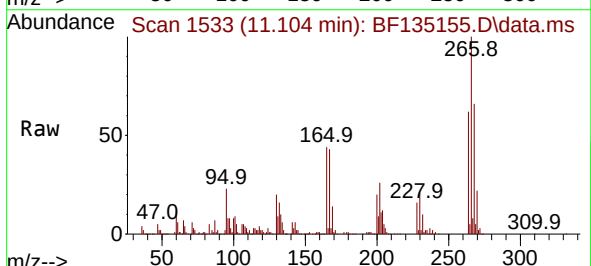
Tgt Ion:266 Resp: 208186

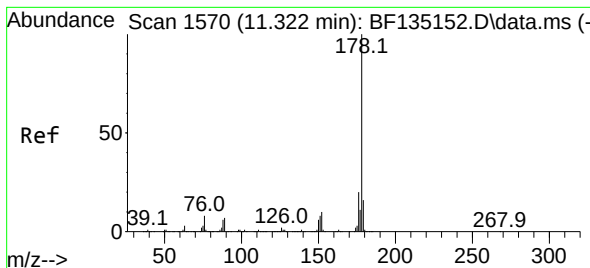
Ion Ratio Lower Upper

266 100

268 66.2 54.8 82.2

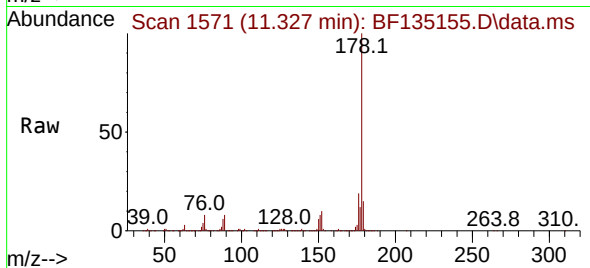
264 62.2 51.8 77.8





#71
Phenanthrene
Concen: 69.920 ng
RT: 11.327 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

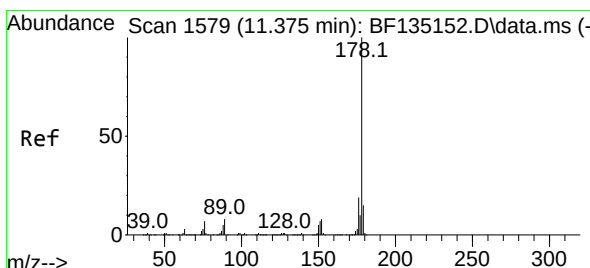
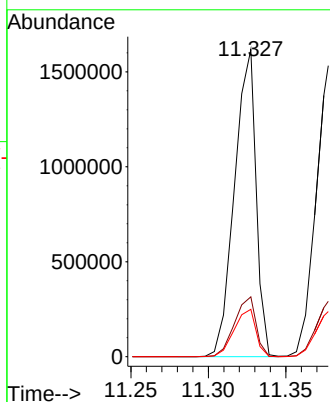
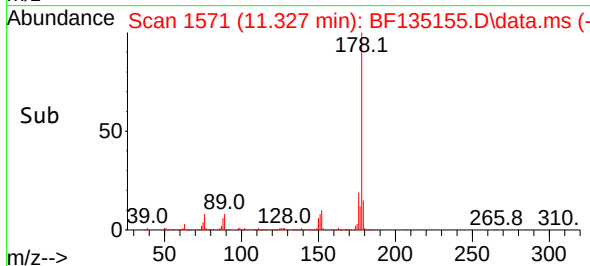
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 1560504
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.4 12.5 18.7

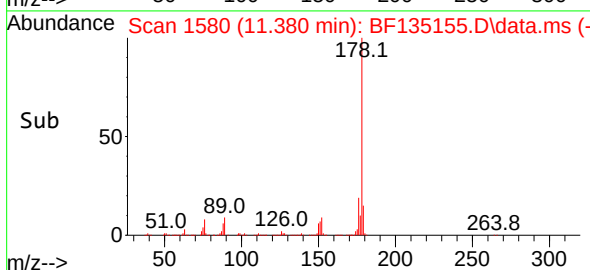
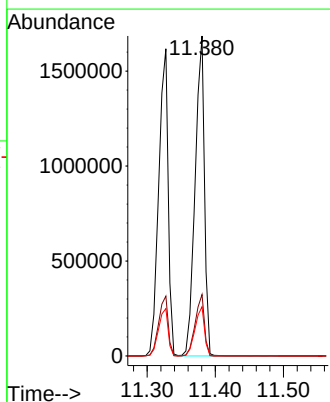
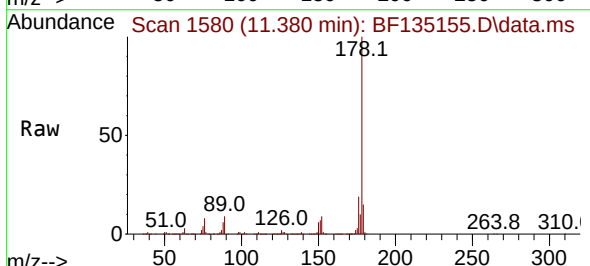
Manual Integrations
APPROVED

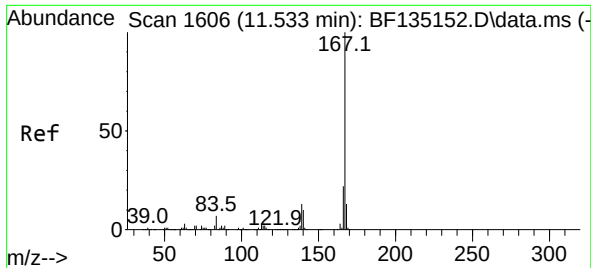
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#72
Anthracene
Concen: 70.068 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

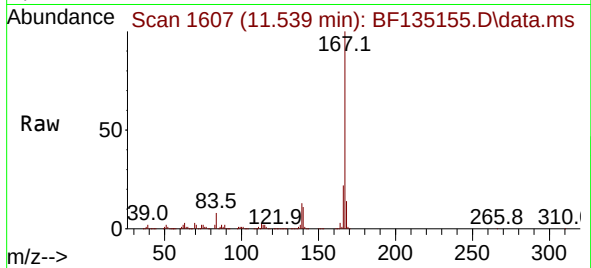
Tgt Ion:178 Resp: 1596424
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.4 12.1 18.1





#73
Carbazole
Concen: 69.525 ng
RT: 11.539 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

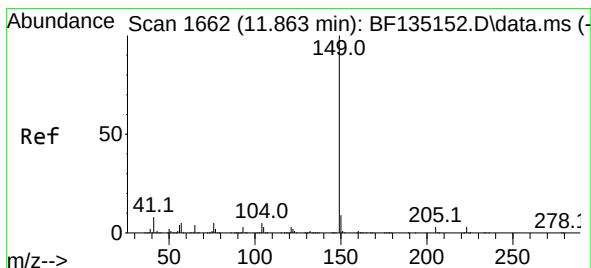
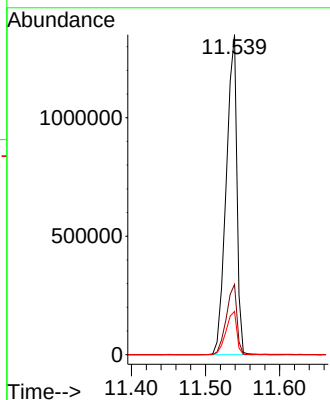
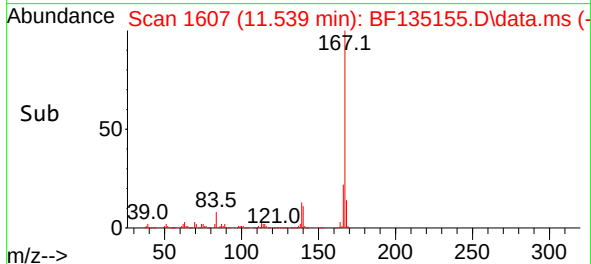
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



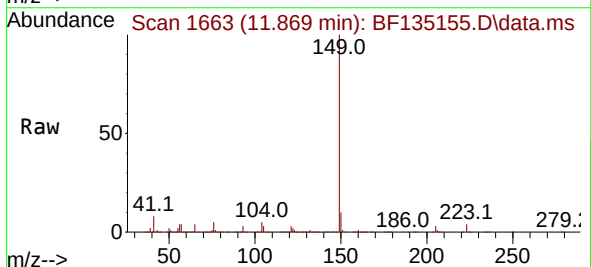
Tgt Ion:167 Resp: 134663
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.0
139 13.5 10.3 15.5

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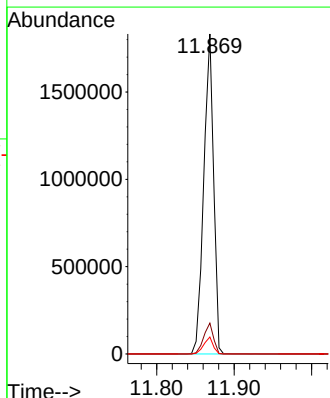
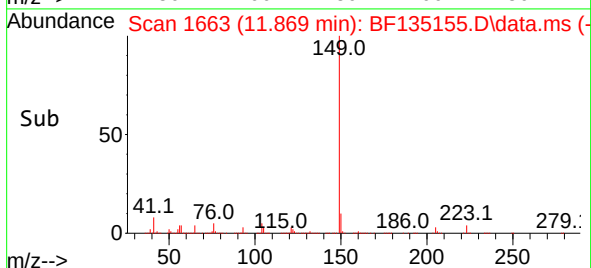
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

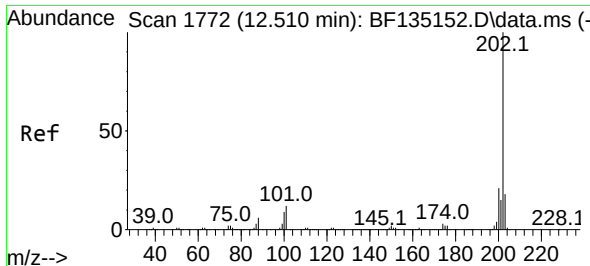


#74
Di-n-butylphthalate
Concen: 69.919 ng
RT: 11.869 min Scan# 1663
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



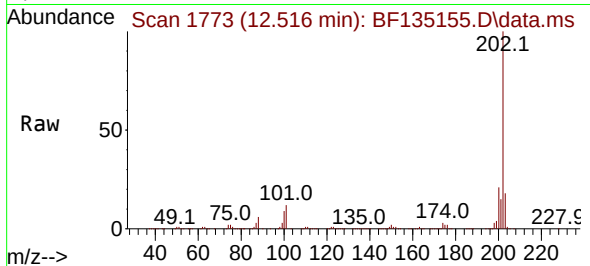
Tgt Ion:149 Resp: 1613630
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.2
104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 66.618 ng
RT: 12.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

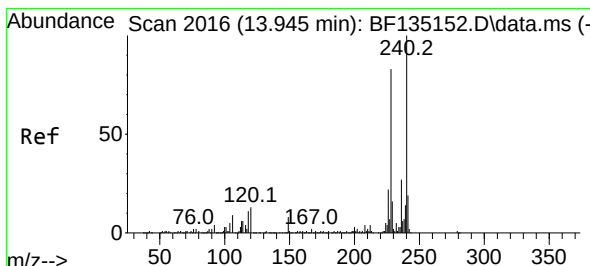
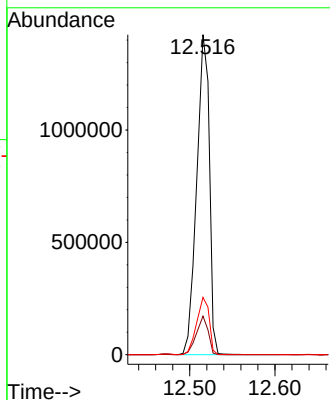
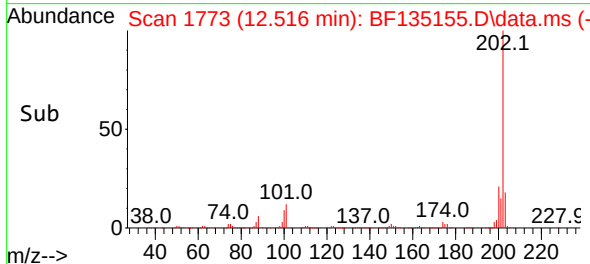
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 146863
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.4
203 17.9 0.0 37.9

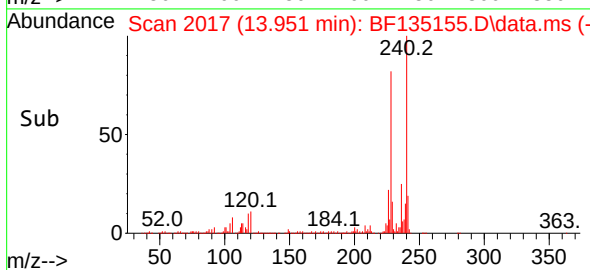
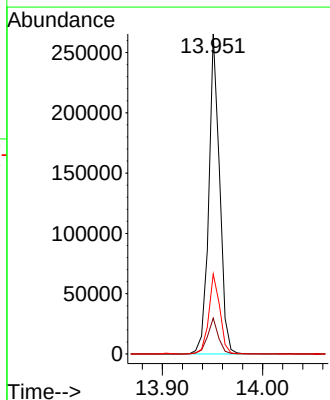
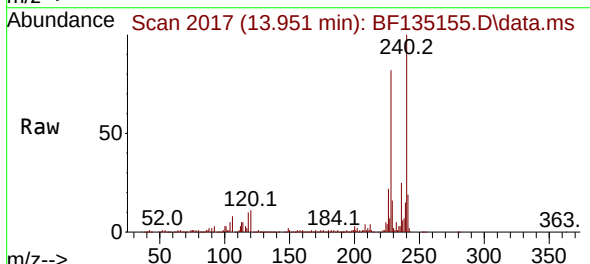
Manual Integrations
APPROVED

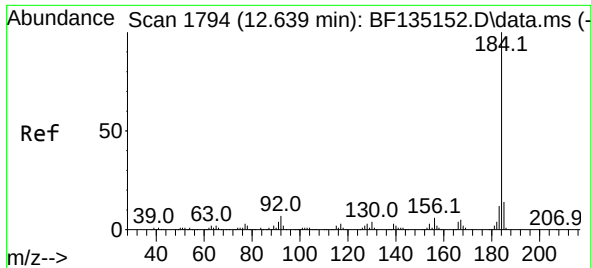
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

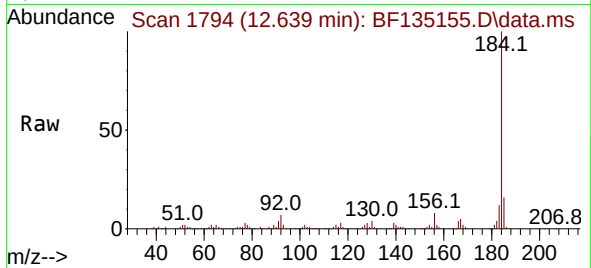
Tgt Ion:240 Resp: 198491
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.4
236 25.0 21.4 32.2





#77
Benzidine
Concen: 36.637 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

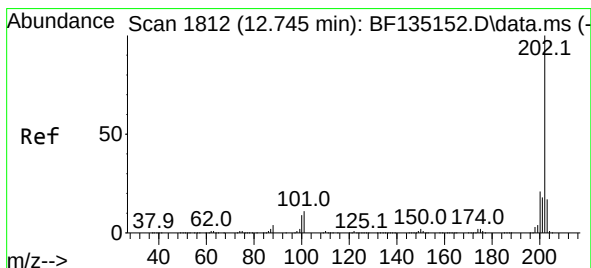
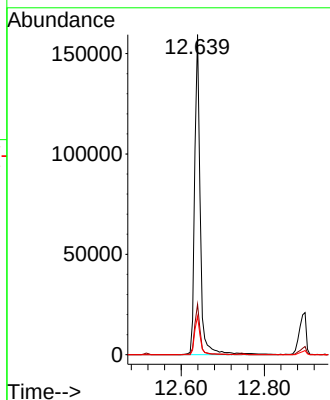
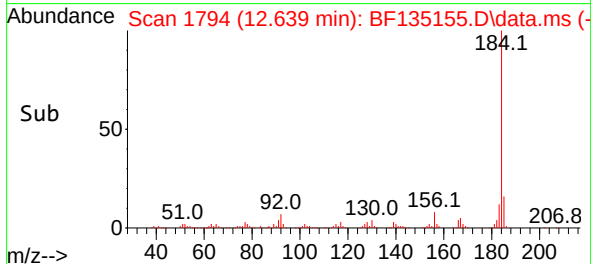
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 147385
Ion Ratio Lower Upper
184 100
185 15.8 11.5 17.3
183 12.0 9.5 14.3

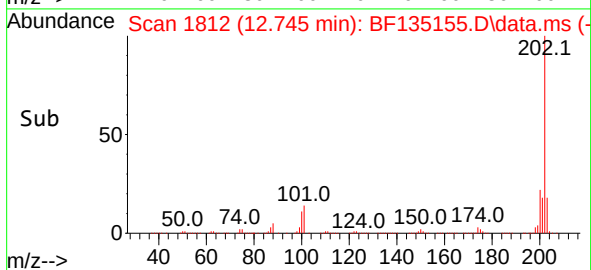
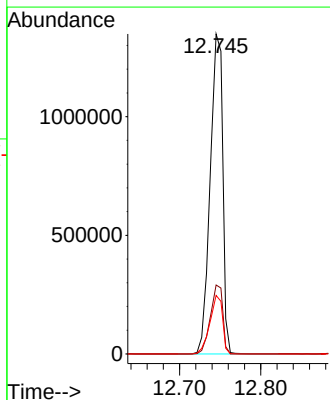
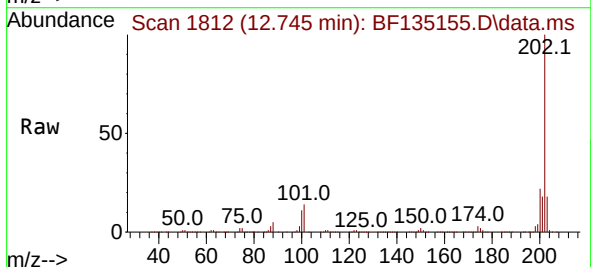
Manual Integrations
APPROVED

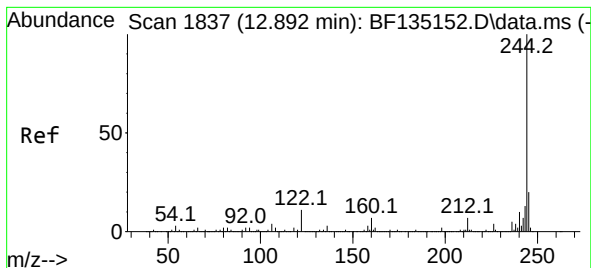
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#78
Pyrene
Concen: 74.918 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Tgt Ion:202 Resp: 1441386
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 18.3 13.6 20.4





#79

Terphenyl-d14

Concen: 140.252 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:244 Resp: 180794

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

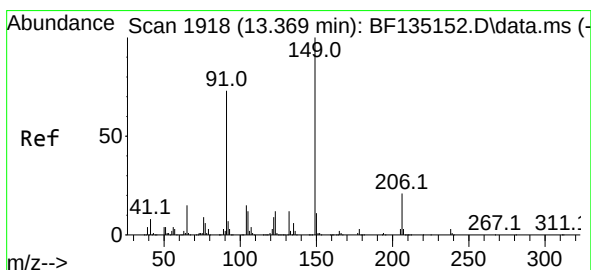
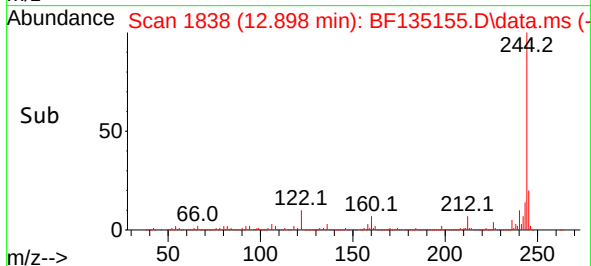
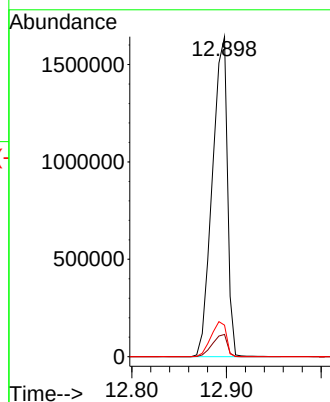
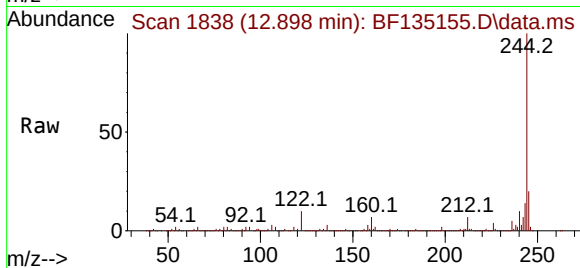
122 9.9 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/10/2023



#80

Butylbenzylphthalate

Concen: 74.610 ng

RT: 13.374 min Scan# 1919

Delta R.T. 0.006 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

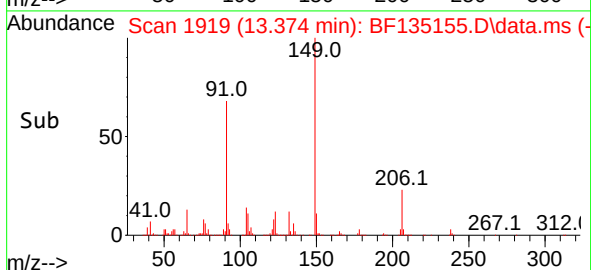
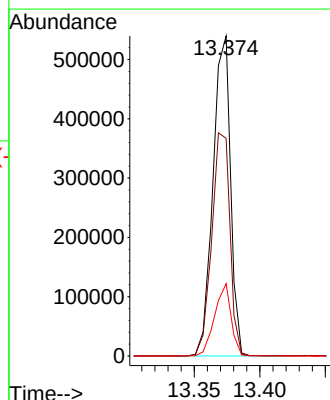
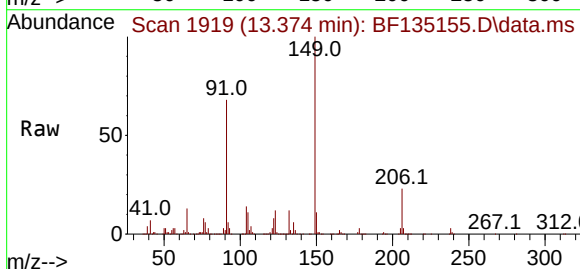
Tgt Ion:149 Resp: 501551

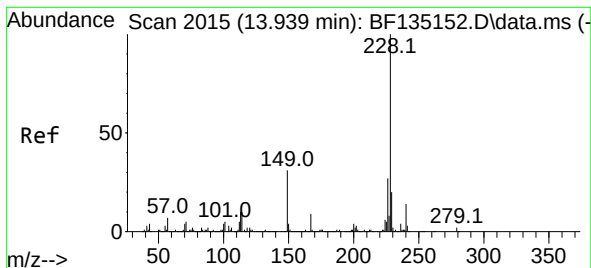
Ion Ratio Lower Upper

149 100

91 68.0 58.2 87.2

206 22.6 17.1 25.7





#81

Benzo(a)anthracene

Concen: 72.810 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 979630

Ion Ratio Lower Upper

228 100

226 26.8 21.3 31.9

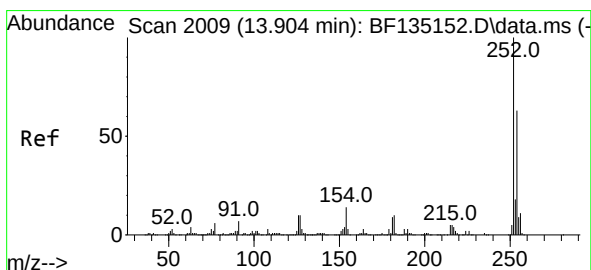
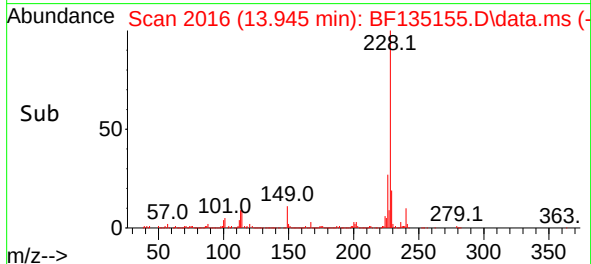
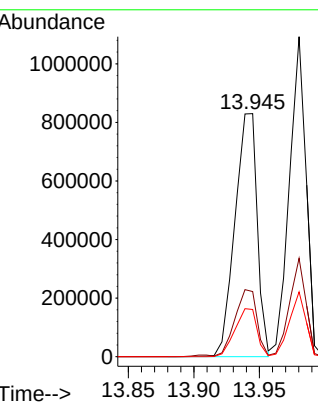
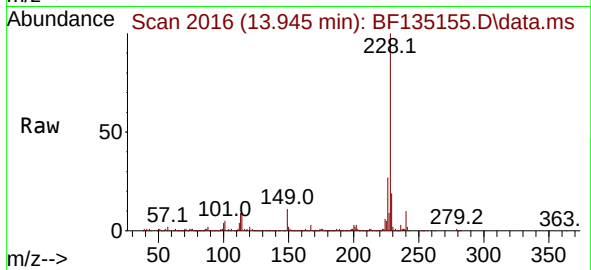
229 19.4 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/10/2023



#82

3,3'-Dichlorobenzidine

Concen: 71.884 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

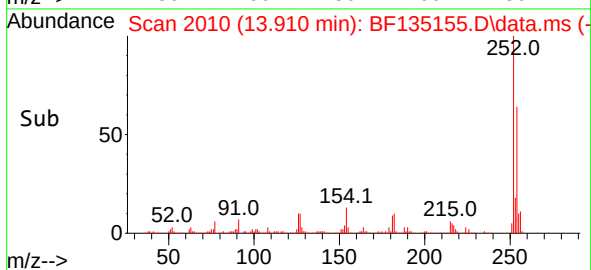
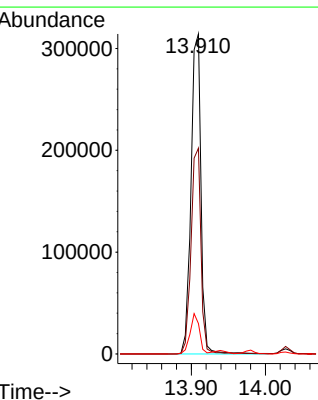
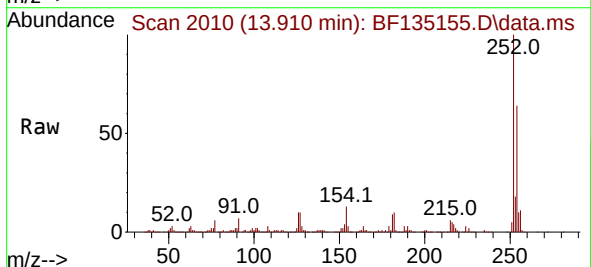
Tgt Ion:252 Resp: 295209

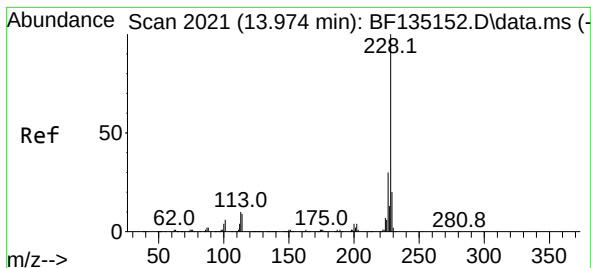
Ion Ratio Lower Upper

252 100

254 64.3 50.7 76.1

126 9.5 8.0 12.0





#83

Chrysene

Concen: 73.623 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

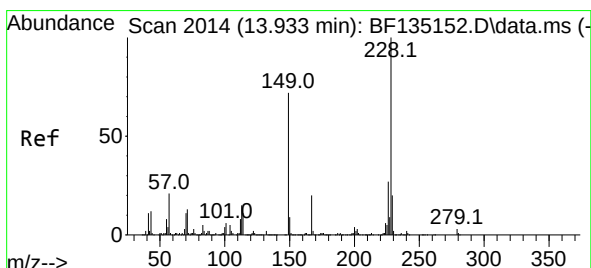
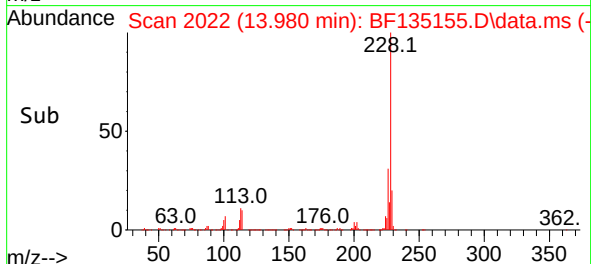
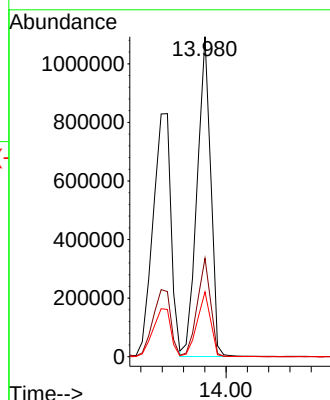
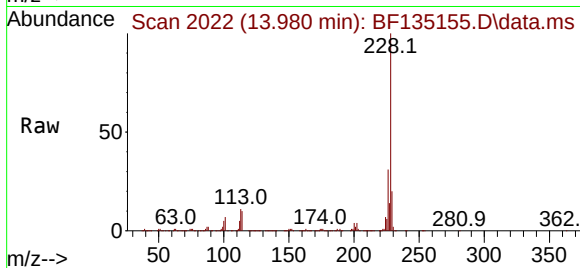
SSTDICC080

Tgt Ion:228	Resp: 96725
Ion Ratio	Lower Upper
228 100	
226 30.8	24.2 36.4
229 20.2	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.948 ng

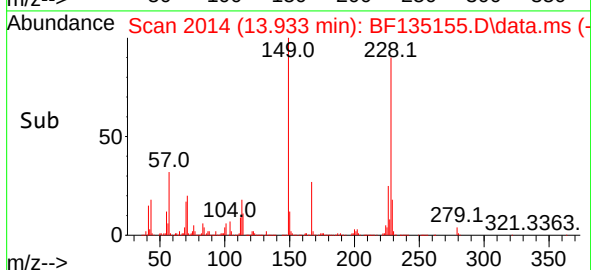
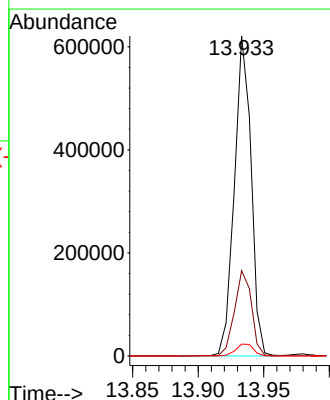
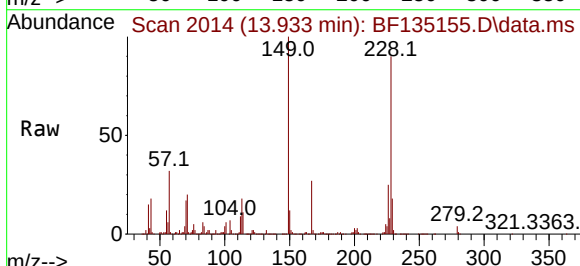
RT: 13.933 min Scan# 2014

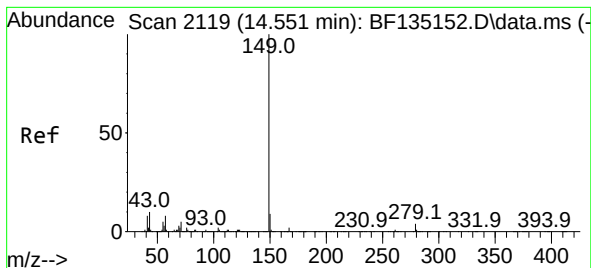
Delta R.T. -0.000 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

Tgt Ion:149	Resp: 553189
Ion Ratio	Lower Upper
149 100	
167 26.7	21.8 32.6
279 3.7	3.4 5.0





#85

Di-n-octyl phthalate

Concen: 91.224 ng

RT: 14.551 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 993820

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

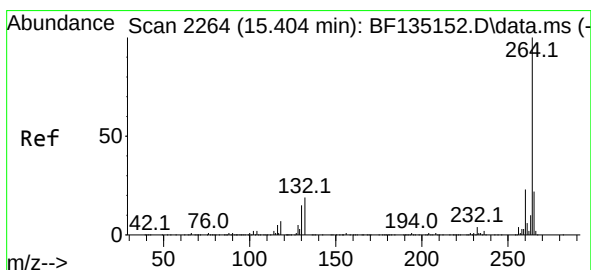
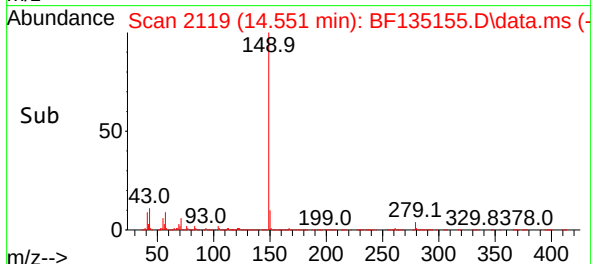
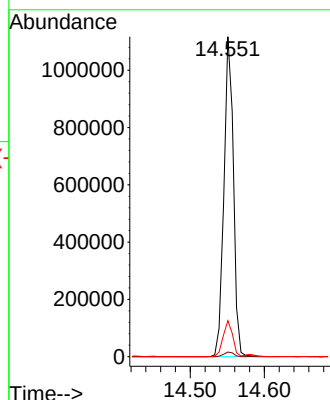
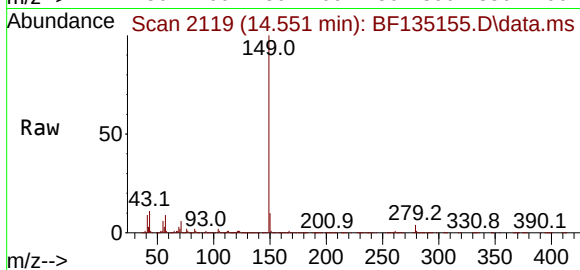
43 11.4 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/10/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

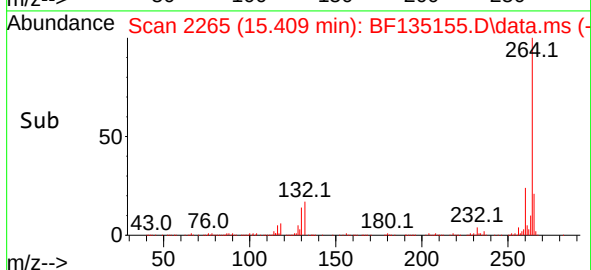
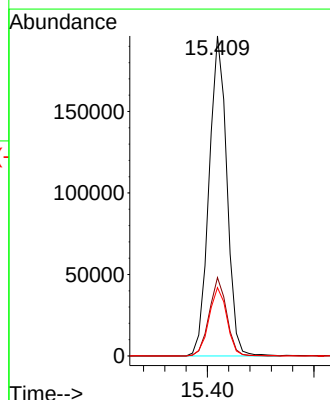
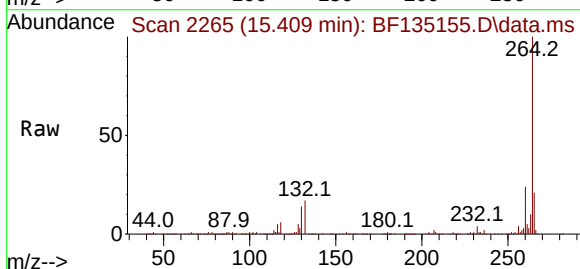
Tgt Ion:264 Resp: 227725

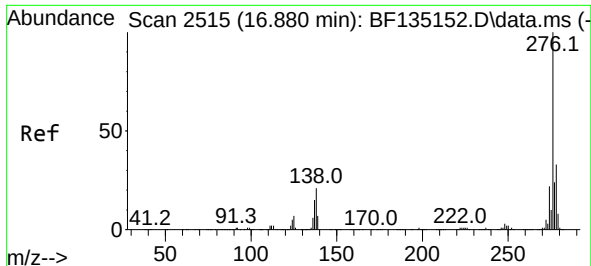
Ion Ratio Lower Upper

264 100

260 24.5 18.6 28.0

265 21.3 17.4 26.2





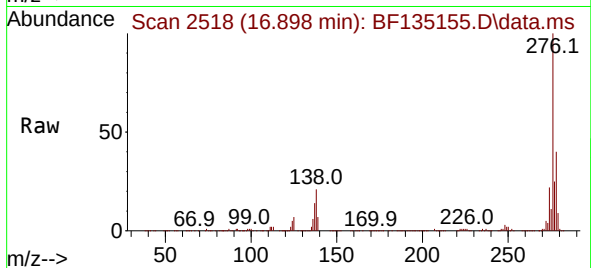
#87
Indeno(1,2,3-cd)pyrene
Concen: 79.704 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.018 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

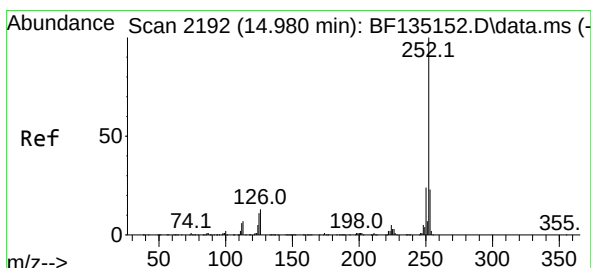
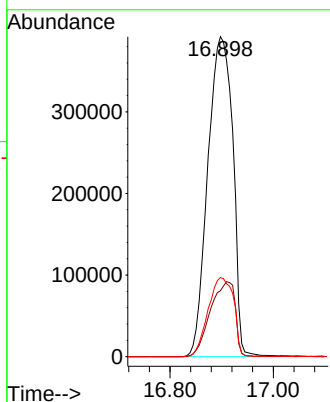
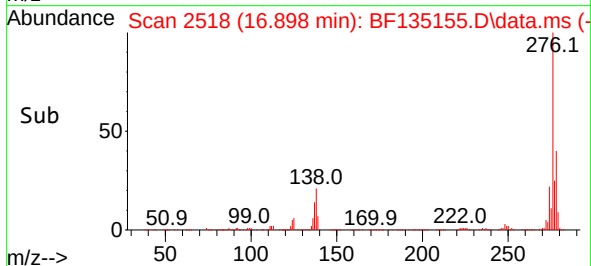


Tgt Ion:276 Resp: 131860
Ion Ratio Lower Upper
276 100
138 23.2 18.7 28.1
277 25.3 20.2 30.2

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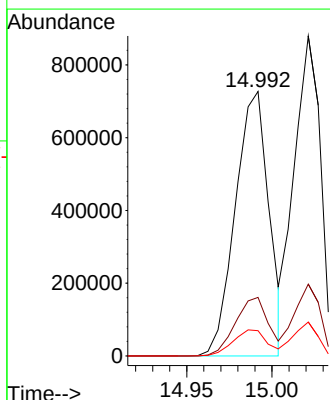
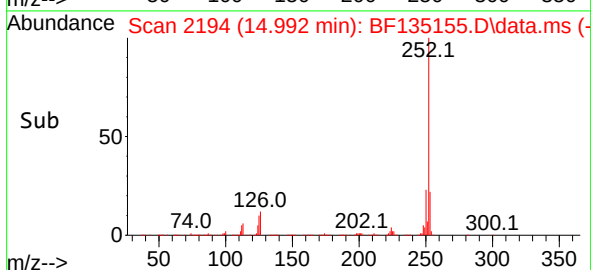
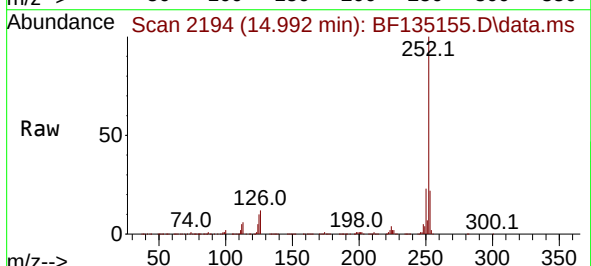
APPROVED

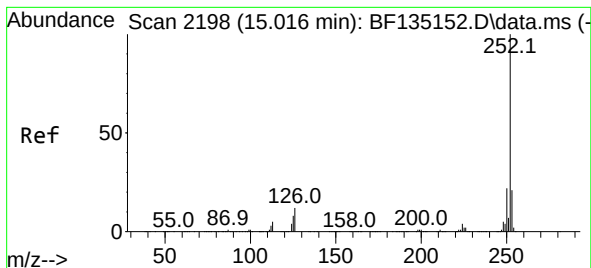
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#88
Benzo(b)fluoranthene
Concen: 72.112 ng
RT: 14.992 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Tgt Ion:252 Resp: 998355
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 9.6 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 71.042 ng m

RT: 15.021 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 955050

Ion Ratio Lower Upper

252 100

253 22.5 16.8 25.2

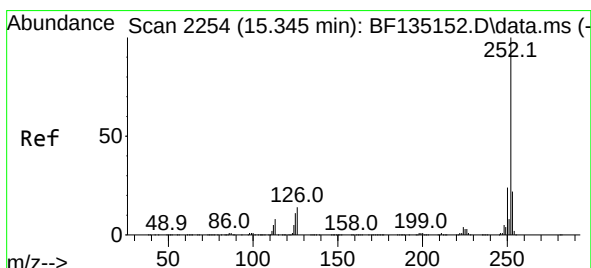
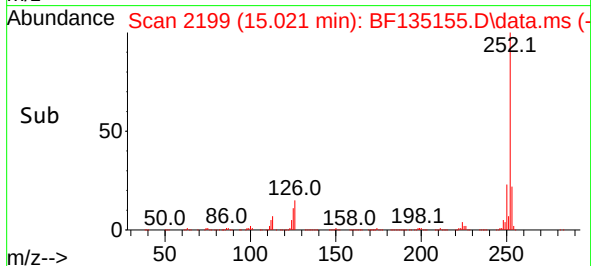
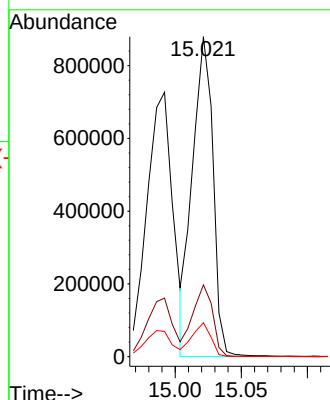
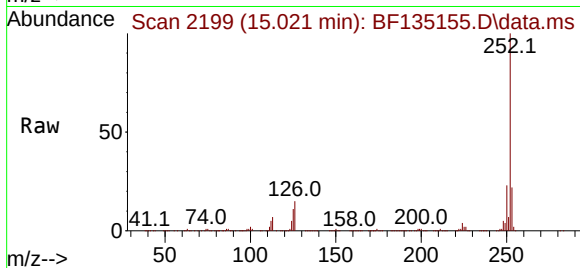
125 10.6 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/10/2023



#90

Benzo(a)pyrene

Concen: 75.973 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135155.D

Acq: 08 Sep 2023 19:42

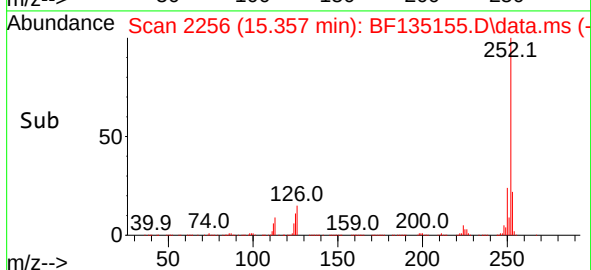
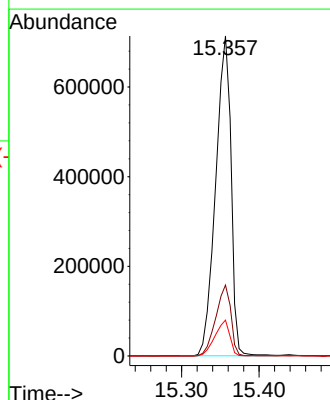
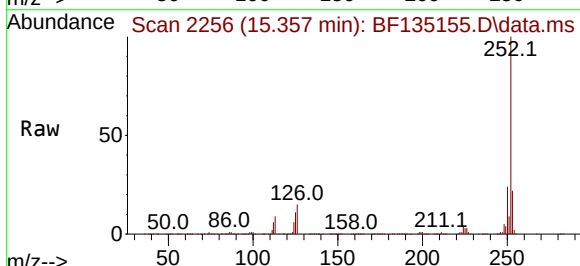
Tgt Ion:252 Resp: 983598

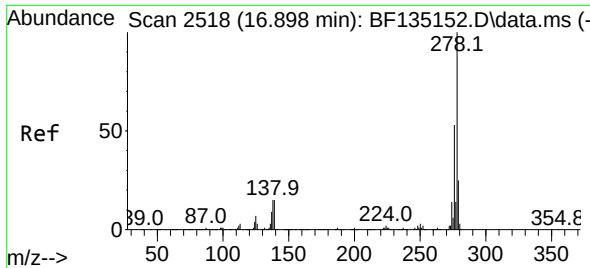
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.2 9.2 13.8





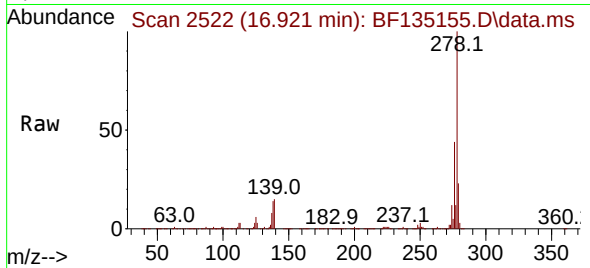
#91
Dibenzo(a,h)anthracene
Concen: 78.018 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.023 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

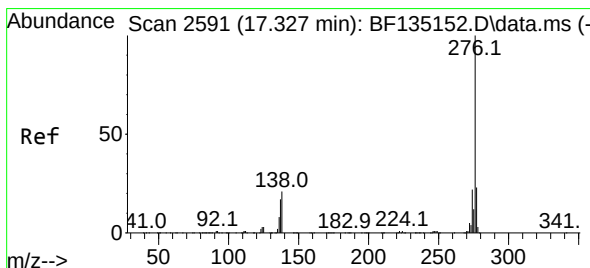
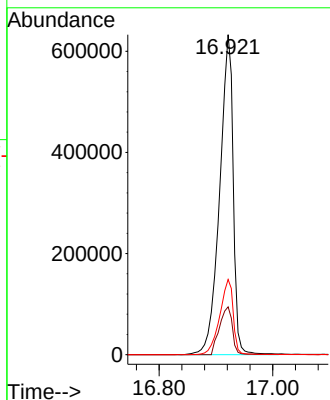
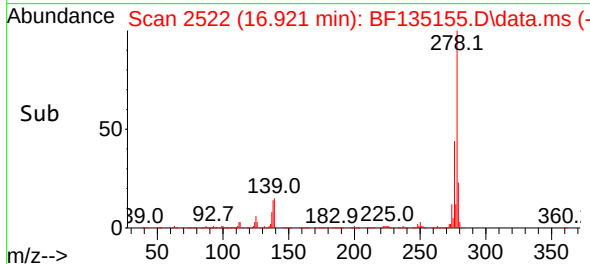


Tgt Ion:278 Resp: 105364
Ion Ratio Lower Upper
278 100
139 14.9 12.0 18.0
279 23.5 19.6 29.4

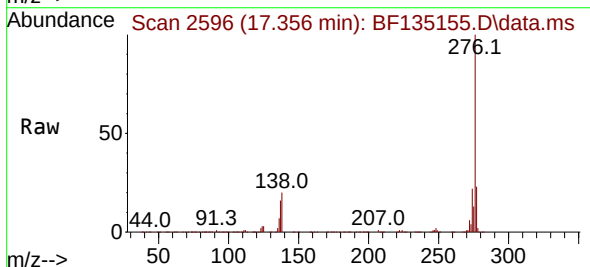
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023



#92
Benzo(g,h,i)perylene
Concen: 79.858 ng
RT: 17.356 min Scan# 2596
Delta R.T. 0.029 min
Lab File: BF135155.D
Acq: 08 Sep 2023 19:42



Tgt Ion:276 Resp: 1112690
Ion Ratio Lower Upper
276 100
277 23.4 18.2 27.4
138 20.1 16.4 24.6

