

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135178.D
 Acq On : 12 Sep 2023 13:09
 Operator : CG\JU
 Sample : PB155440BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155440BS

Quant Time: Sep 13 02:02:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	110676	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	421060	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	220131	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	430396	20.000	ng	0.00
76) Chrysene-d12	13.951	240	228505	20.000	ng	0.00
86) Perylene-d12	15.404	264	210344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	877050	128.887	ng	0.02
7) Phenol-d6	6.410	99	1123568	129.852	ng	0.00
23) Nitrobenzene-d5	7.334	82	708336	91.397	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	297076	135.802	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1256958	86.149	ng	0.00
79) Terphenyl-d14	12.892	244	1315689	89.257	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	111592	37.408	ng	98
3) Pyridine	3.322	79	285532	35.564	ng	98
4) n-Nitrosodimethylamine	3.281	42	190330	44.674	ng	98
6) Aniline	6.434	93	349692	30.819	ng	99
8) 2-Chlorophenol	6.551	128	345321	47.538	ng	98
9) Benzaldehyde	6.316	77	125751	25.511	ng	96
10) Phenol	6.422	94	413249	43.555	ng	95
11) bis(2-Chloroethyl)ether	6.510	93	317997	44.681	ng	98
12) 1,3-Dichlorobenzene	6.704	146	335411	45.433	ng	99
13) 1,4-Dichlorobenzene	6.781	146	344333	45.844	ng	98
14) 1,2-Dichlorobenzene	6.934	146	324525	46.526	ng	98
15) Benzyl Alcohol	6.916	79	290195	46.737	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.040	45	599574	44.694	ng	97
17) 2-Methylphenol	7.028	107	276986	43.209	ng	98
18) Hexachloroethane	7.269	117	128409	46.270	ng	91
19) n-Nitroso-di-n-propyla...	7.187	70	231361	43.169	ng	97
20) 3+4-Methylphenols	7.181	107	325504	42.228	ng	95
22) Acetophenone	7.181	105	446103	46.341	ng	99
24) Nitrobenzene	7.351	77	353330	46.125	ng	100
25) Isophorone	7.593	82	657520	46.202	ng	99
26) 2-Nitrophenol	7.663	139	183282	49.852	ng	99
27) 2,4-Dimethylphenol	7.704	122	304554	49.283	ng	100
28) bis(2-Chloroethoxy)met...	7.798	93	403228	47.339	ng	99
29) 2,4-Dichlorophenol	7.904	162	277520	48.465	ng	99
30) 1,2,4-Trichlorobenzene	7.987	180	288850	48.260	ng	99
31) Naphthalene	8.069	128	958720	46.863	ng	99
32) Benzoic acid	7.845	122	232977	50.066	ng	97
33) 4-Chloroaniline	8.116	127	166890	18.593	ng	98
34) Hexachlorobutadiene	8.181	225	169569	46.985	ng	98
35) Caprolactam	8.498	113	97028m	50.488	ng	
36) 4-Chloro-3-methylphenol	8.610	107	307860	48.373	ng	98
37) 2-Methylnaphthalene	8.757	142	612960	44.573	ng	99
38) 1-Methylnaphthalene	8.857	142	573964	44.580	ng	100
40) 1,2,4,5-Tetrachloroben...	8.928	216	295700	46.367	ng	99
41) Hexachlorocyclopentadiene	8.910	237	274197	95.955	ng	100
43) 2,4,6-Trichlorophenol	9.039	196	197002	47.180	ng	97

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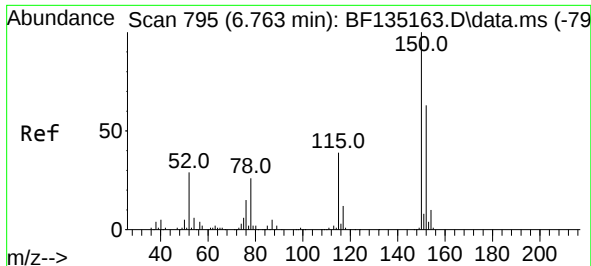
Manual Integrations
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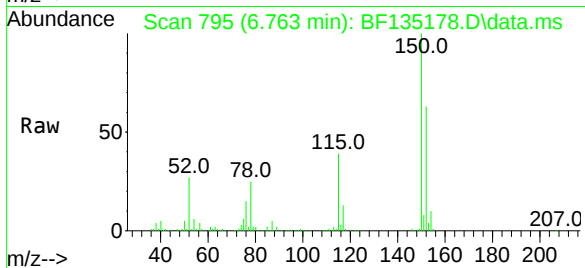
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.087	196	218193	45.376	ng	97
46) 1,1'-Biphenyl	9.228	154	767563	45.373	ng	99
47) 2-Chloronaphthalene	9.251	162	572372	46.633	ng	99
48) 2-Nitroaniline	9.351	65	217382	45.588	ng	99
49) Acenaphthylene	9.663	152	926459	45.418	ng	100
50) Dimethylphthalate	9.534	163	689576	46.333	ng	100
51) 2,6-Dinitrotoluene	9.598	165	152084	46.646	ng	90
52) Acenaphthene	9.839	154	544357	45.173	ng	99
53) 3-Nitroaniline	9.763	138	112685	29.444	ng	100
54) 2,4-Dinitrophenol	9.881	184	161427	86.652	ng	98
55) Dibenzofuran	10.010	168	829410	45.104	ng	99
56) 4-Nitrophenol	9.939	139	238551	98.074	ng	97
57) 2,4-Dinitrotoluene	10.004	165	190072	46.567	ng	94
58) Fluorene	10.357	166	633145	44.788	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.134	232	180418	48.775	ng	98
60) Diethylphthalate	10.234	149	692191	46.342	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	296256	43.627	ng	100
62) 4-Nitroaniline	10.386	138	169751	46.143	ng	98
63) Azobenzene	10.510	77	661535	45.254	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	113492	49.647	ng	92
66) n-Nitrosodiphenylamine	10.469	169	596639	45.789	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	199304	46.560	ng	96
68) Hexachlorobenzene	10.904	284	218965	50.210	ng	99
69) Atrazine	11.004	200	195737	55.829	ng	97
70) Pentachlorophenol	11.098	266	230028	88.162	ng	97
71) Phenanthrene	11.322	178	954529	46.892	ng	99
72) Anthracene	11.375	178	988852	47.260	ng	100
73) Carbazole	11.533	167	927834	48.712	ng	99
74) Di-n-butylphthalate	11.863	149	1074318	47.866	ng	99
75) Fluoranthene	12.516	202	992919	46.812	ng	98
77) Benzidine	12.639	184	298598	63.785	ng	99
78) Pyrene	12.745	202	1008684	46.365	ng	100
80) Butylbenzylphthalate	13.369	149	380961	49.736	ng	97
81) Benzo(a)anthracene	13.939	228	692434	46.928	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	150758	32.711	ng	98
83) Chrysene	13.974	228	680375	46.379	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	395774	50.352	ng	99
85) Di-n-octyl phthalate	14.551	149	632530	50.637	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	702749	50.955	ng	99
88) Benzo(b)fluoranthene	14.986	252	588651	51.696	ng	99
89) Benzo(k)fluoranthene	15.016	252	561653	49.934	ng	100
90) Benzo(a)pyrene	15.351	252	519213	47.815	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	566702	50.220	ng	99
92) Benzo(g,h,i)perylene	17.333	276	601297	51.022	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135178.D
 Acq: 12 Sep 2023 13:09

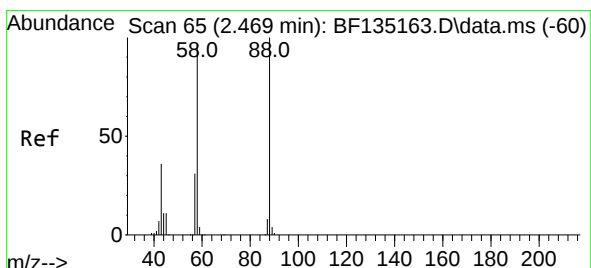
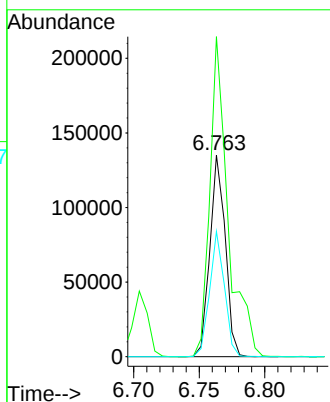
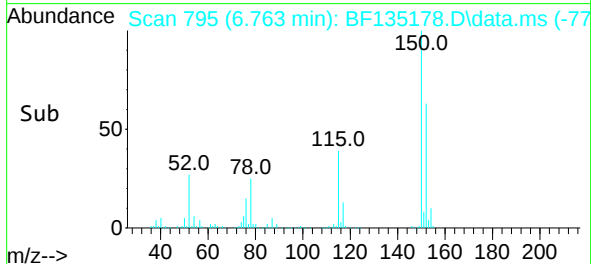
Instrument :
 BNA_F
 ClientSampleId :
 PB155440BS



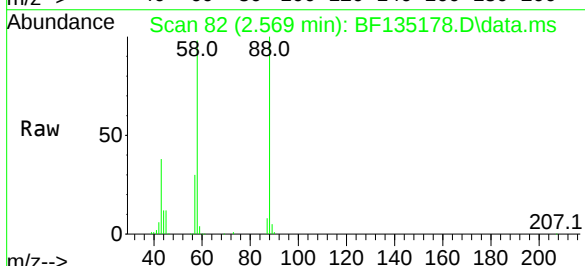
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 Ion Ratio Lower Upper
 152 100
 150 158.8 127.8 191.6
 115 62.2 49.8 74.8

Manual Integrations
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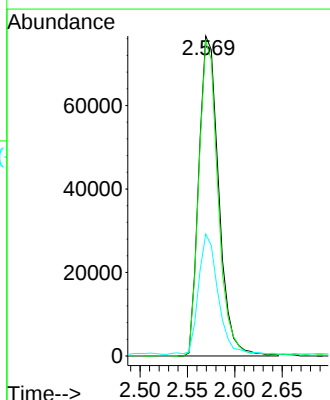
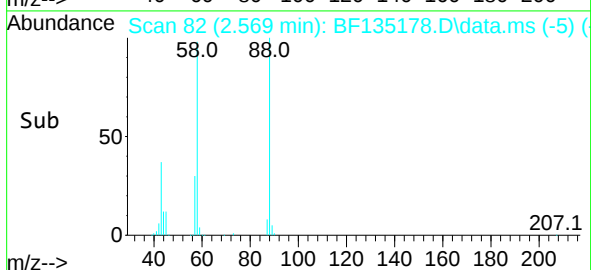
Reviewed By :Yogesh Patel 09/13/2023
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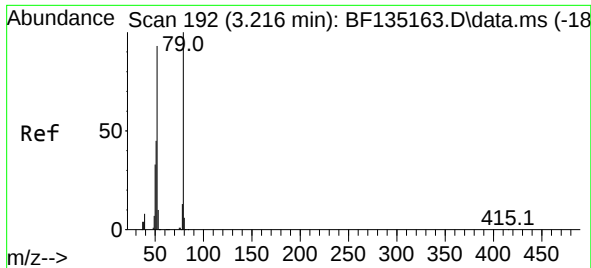


#2
 1,4-Dioxane
 Concen: 37.408 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.100 min
 Lab File: BF135178.D
 Acq: 12 Sep 2023 13:09



Tgt Ion: 88 Resp: 111592
 Ion Ratio Lower Upper
 88 100
 58 95.6 78.3 117.5
 43 37.1 29.4 44.0





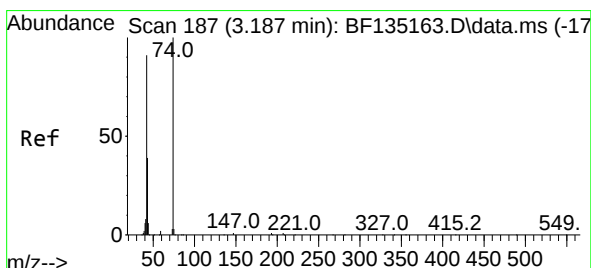
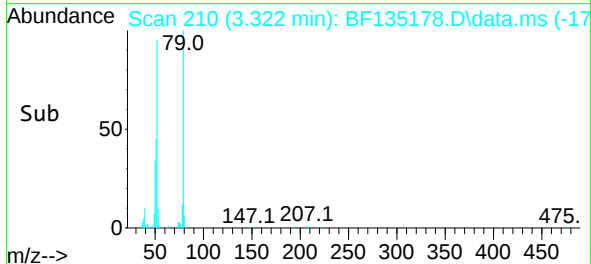
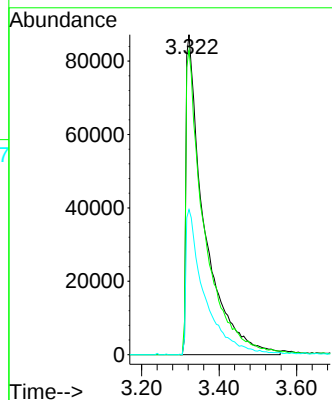
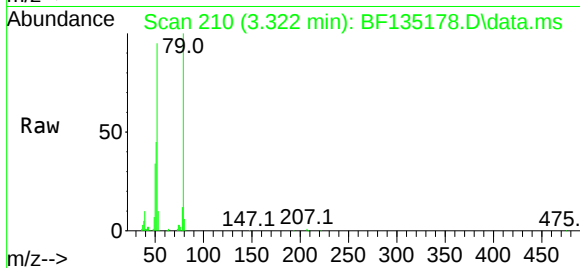
#3
Pyridine
Concen: 35.564 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.106 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :
BNA_F
ClientSampleId :
PB155440BS

Tgt Ion: 79 Resp: 28553
Ion Ratio Lower Upper
79 100
52 95.1 74.1 111.1
51 45.4 35.8 53.8

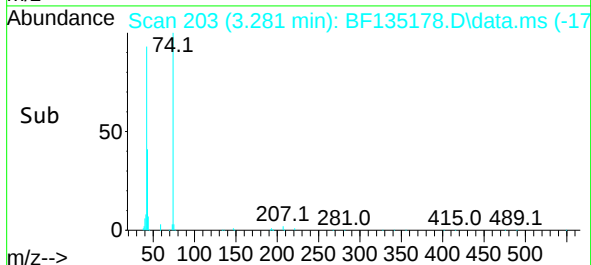
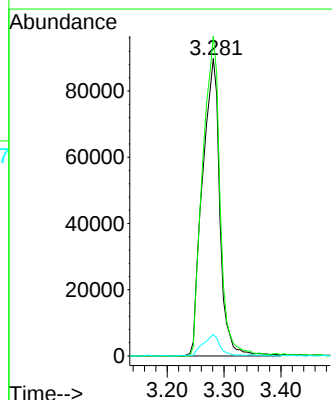
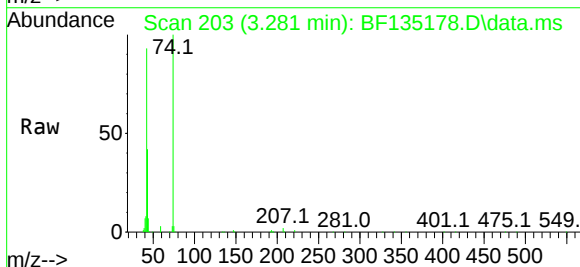
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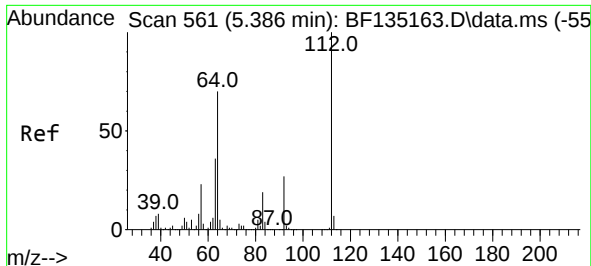
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#4
n-Nitrosodimethylamine
Concen: 44.674 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.094 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Tgt Ion: 42 Resp: 190330
Ion Ratio Lower Upper
42 100
74 107.6 87.7 131.5
44 7.2 5.6 8.4





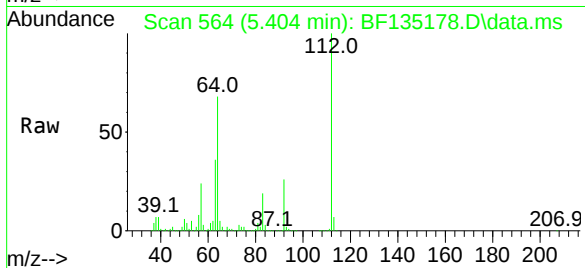
#5
2-Fluorophenol
Concen: 128.887 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS

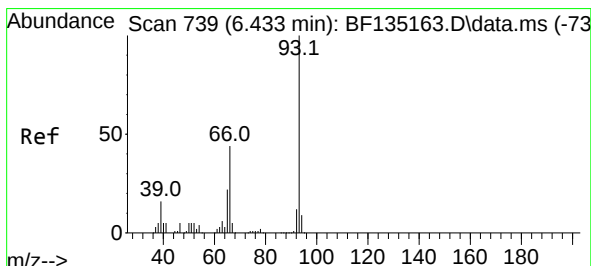
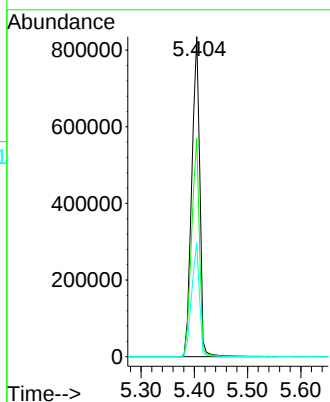
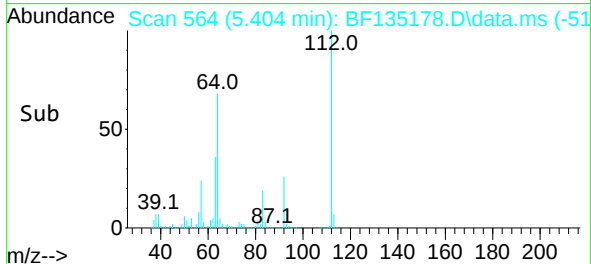


Tgt Ion:112 Resp: 877050
Ion Ratio Lower Upper
112 100
64 68.3 55.9 83.9
63 35.7 29.0 43.6

Manual Integrations

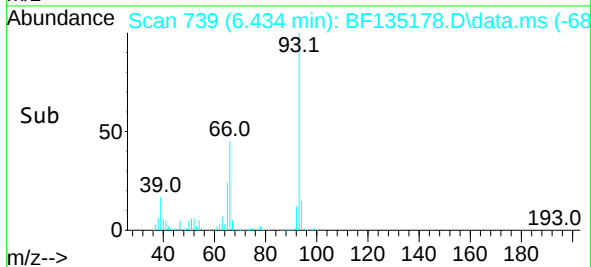
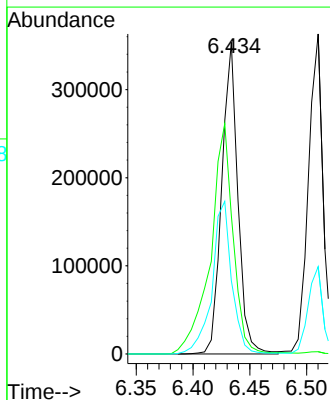
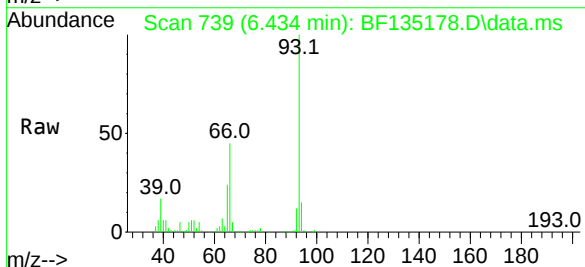
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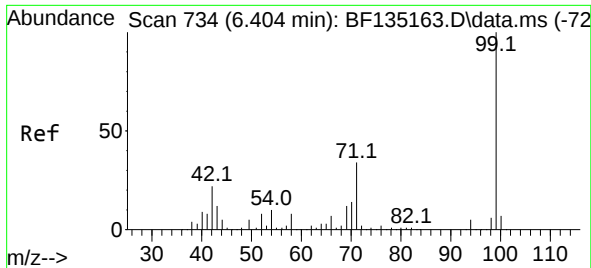
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#6
Aniline
Concen: 30.819 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Tgt Ion: 93 Resp: 349692
Ion Ratio Lower Upper
93 100
66 44.5 35.4 53.0
65 23.6 17.8 26.8





#7

Phenol-d6

Concen: 129.852 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS

Tgt Ion: 99 Resp: 112356

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

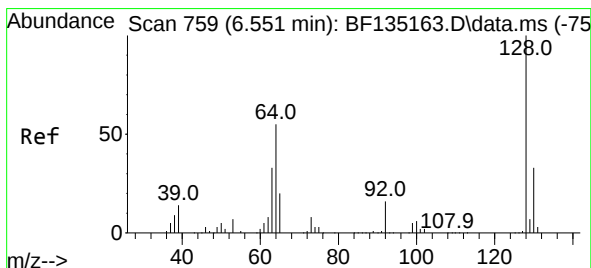
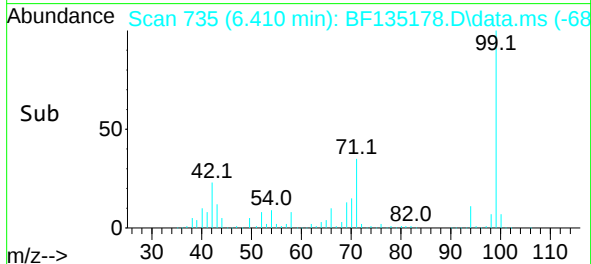
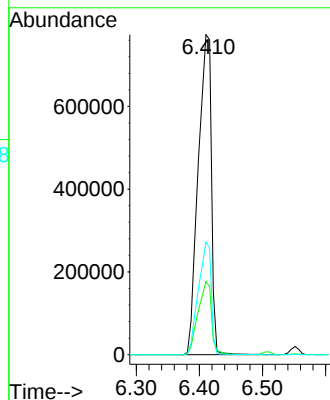
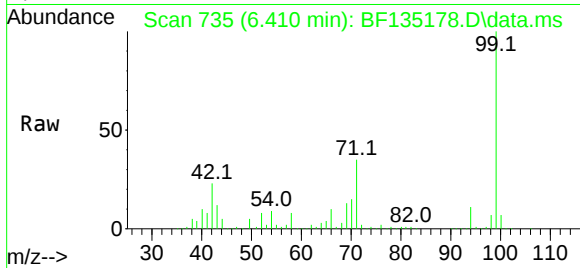
71 35.2 27.0 40.6

Manual Integrations

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#8

2-Chlorophenol

Concen: 47.538 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

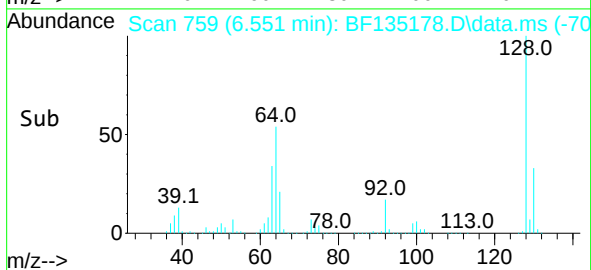
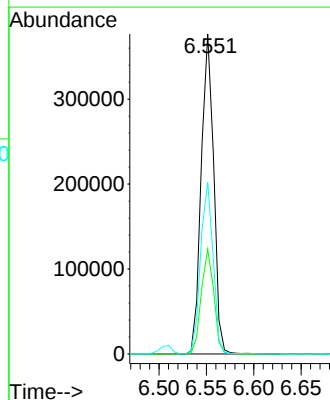
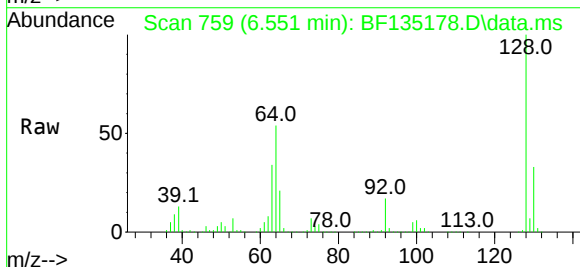
Tgt Ion:128 Resp: 345321

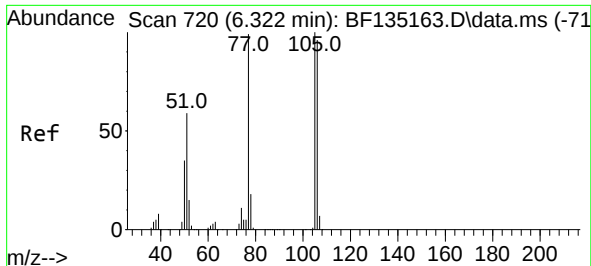
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 53.7 35.9 75.9





#9

Benzaldehyde

Concen: 25.511 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF135178.D

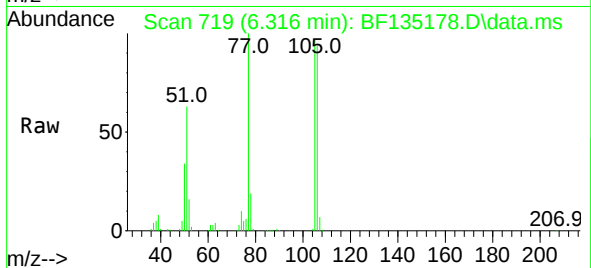
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS



Tgt Ion: 77 Resp: 12575

Ion Ratio Lower Upper

77 100

105 96.7 81.4 121.4

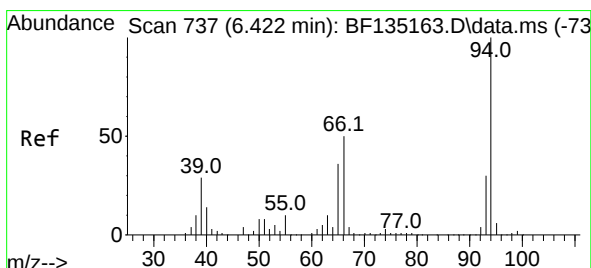
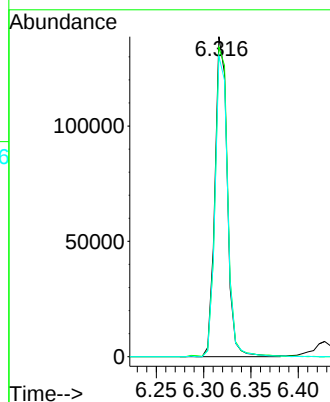
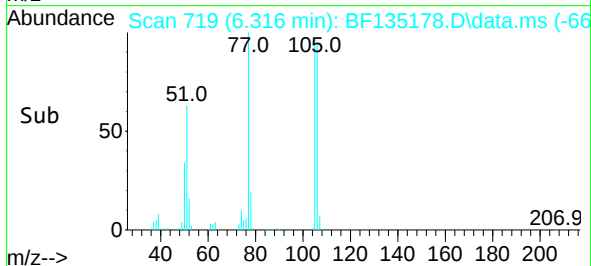
106 93.9 76.9 116.9

Manual Integrations

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Supervised By :mohammad ahmed 09/13/2023



#10

Phenol

Concen: 43.555 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

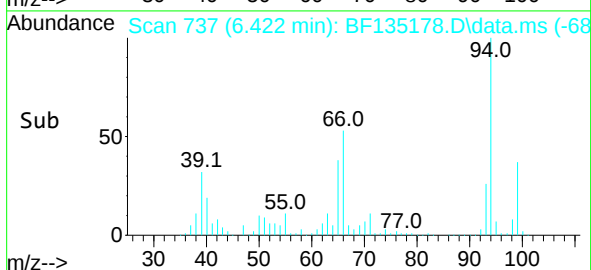
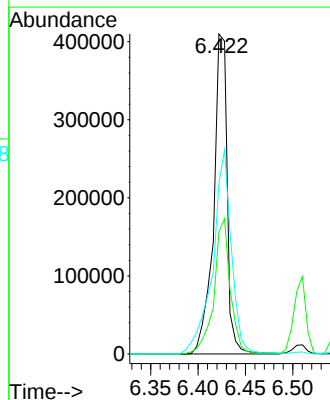
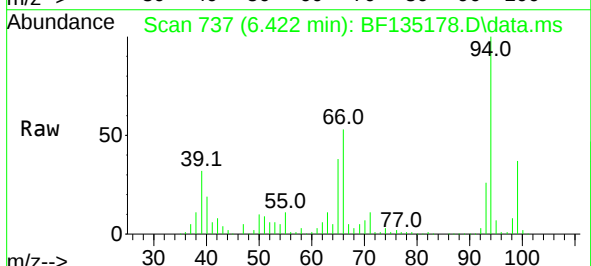
Tgt Ion: 94 Resp: 413249

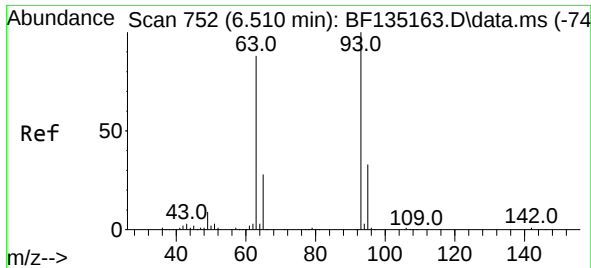
Ion Ratio Lower Upper

94 100

65 38.1 15.9 55.9

66 53.3 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 44.681 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

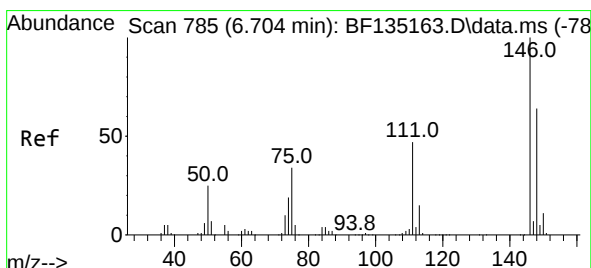
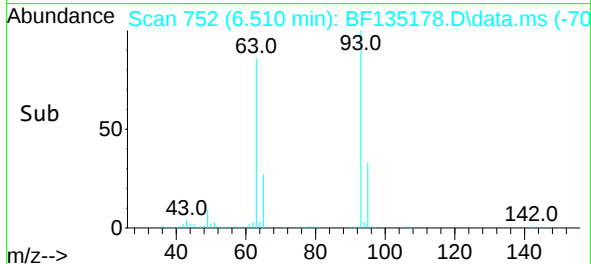
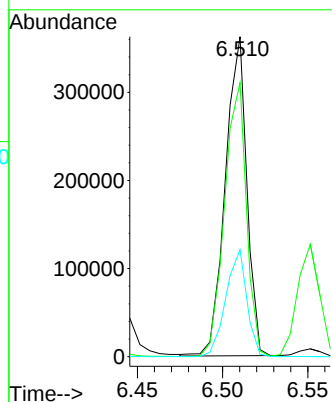
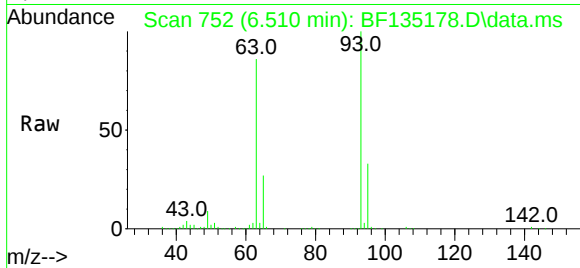
ClientSampleId :

PB155440BS

Tgt Ion: 93 Resp: 31799
Ion Ratio Lower Upper
93 100
63 85.7 67.3 107.3
95 33.5 12.7 52.7

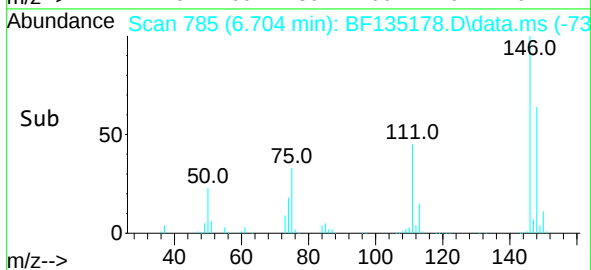
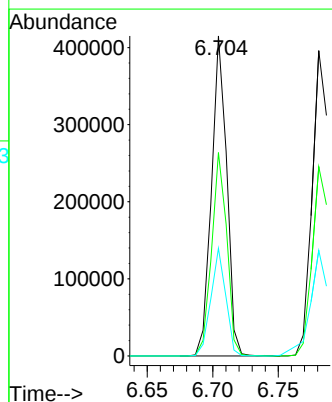
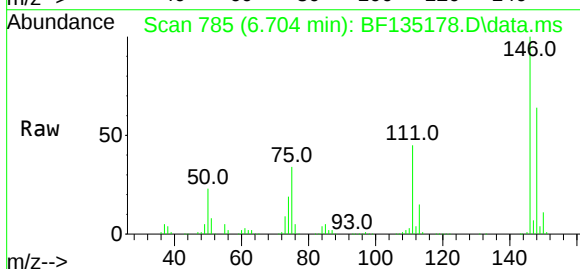
Manual Integrations
APPROVED

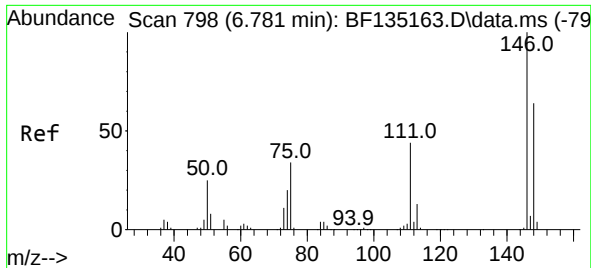
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#12
1,3-Dichlorobenzene
Concen: 45.433 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Tgt Ion:146 Resp: 335411
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 33.7 27.4 41.2





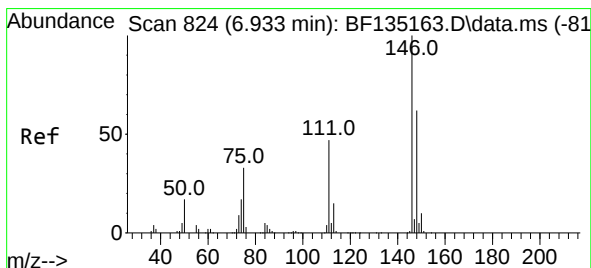
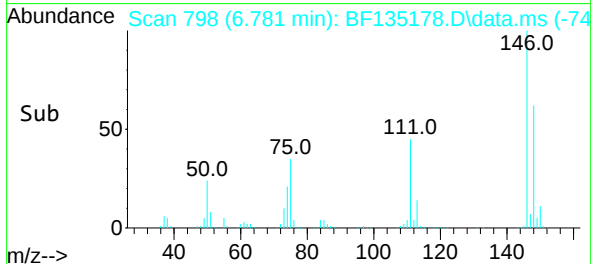
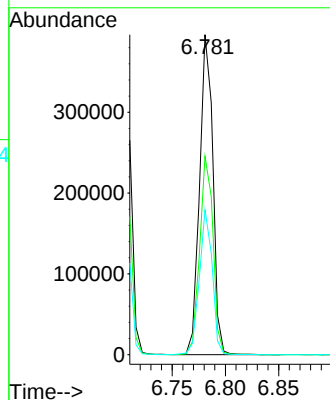
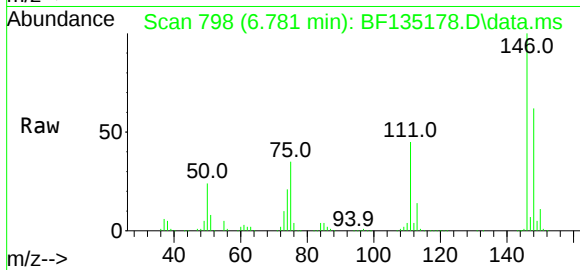
#13
1,4-Dichlorobenzene
Concen: 45.844 ng
RT: 6.781 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :
BNA_F
ClientSampleId :
PB155440BS

Tgt Ion:146 Resp: 34433
Ion Ratio Lower Upper
146 100
148 62.0 51.3 76.9
111 45.3 35.1 52.7

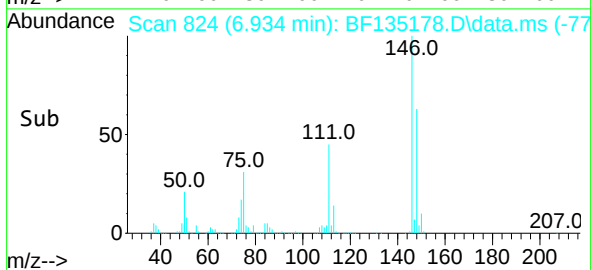
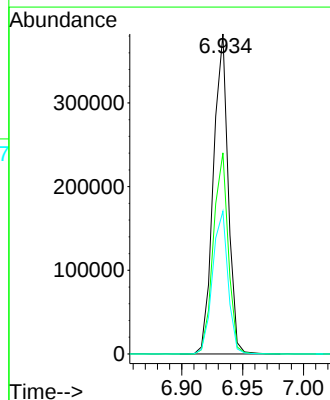
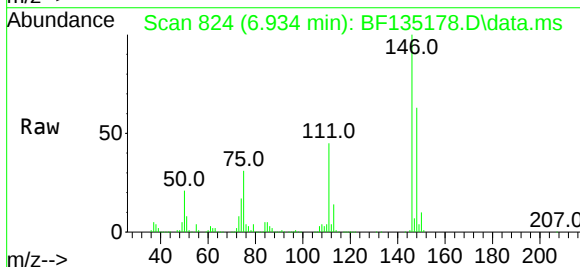
Manual Integrations
APPROVED

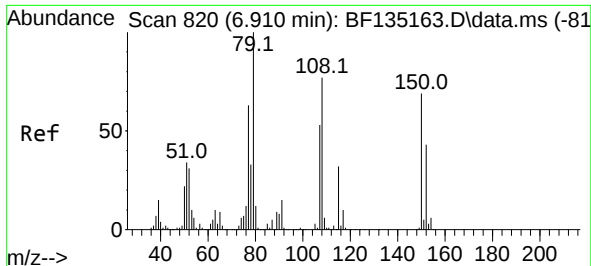
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#14
1,2-Dichlorobenzene
Concen: 46.526 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

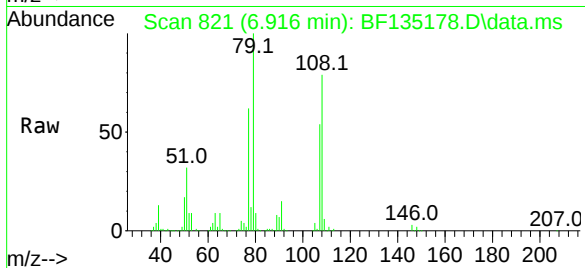
Tgt Ion:146 Resp: 324525
Ion Ratio Lower Upper
146 100
148 62.9 49.7 74.5
111 44.6 37.4 56.2





#15
Benzyl Alcohol
Concen: 46.737 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

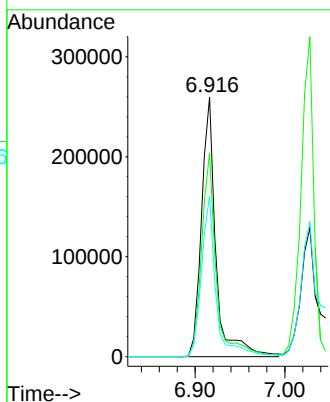
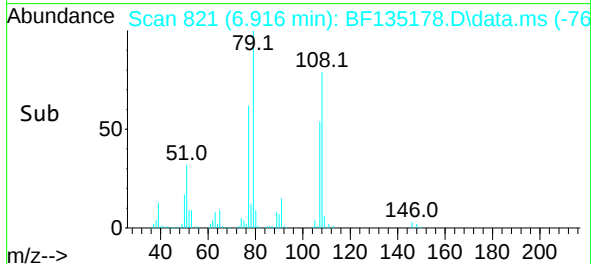
Instrument :
BNA_F
ClientSampleId :
PB155440BS



Tgt Ion: 79 Resp: 29019
Ion Ratio Lower Upper
79 100
108 78.6 61.2 91.8
77 61.8 50.5 75.7

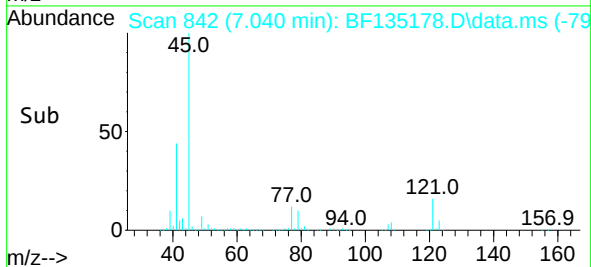
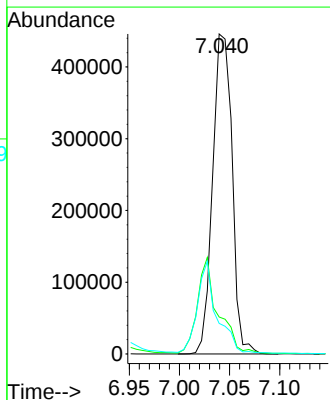
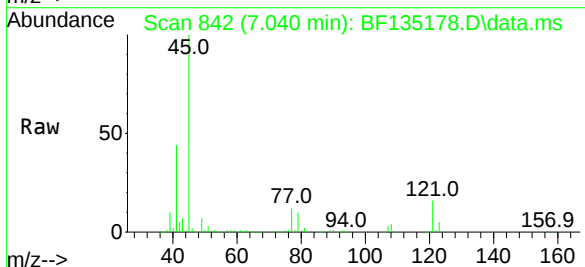
Manual Integrations
APPROVED

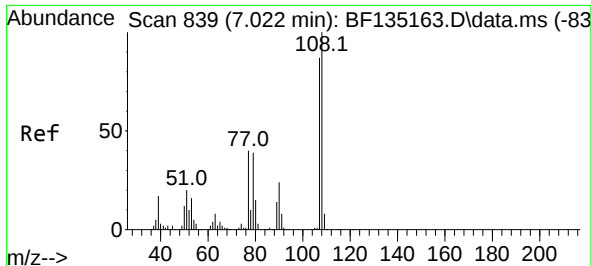
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.694 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

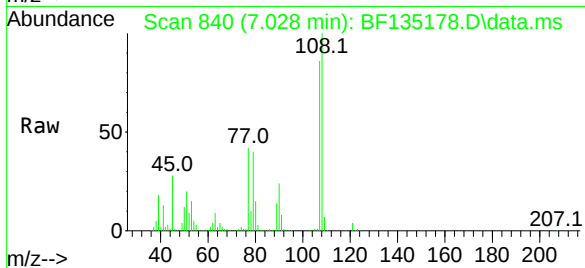
Tgt Ion: 45 Resp: 599574
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.6
79 9.6 0.0 28.3





#17
2-Methylphenol
Concen: 43.209 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

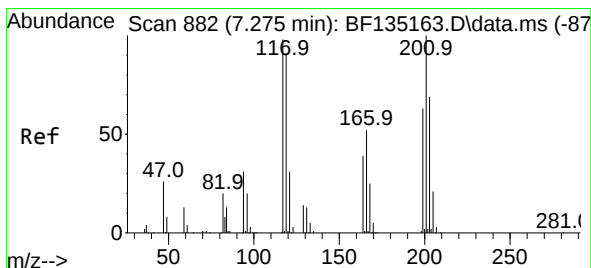
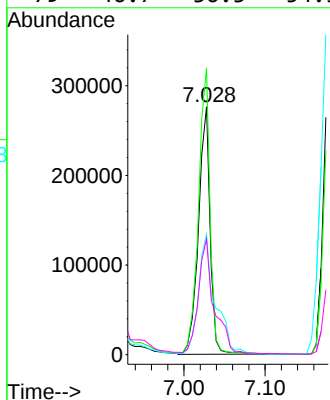
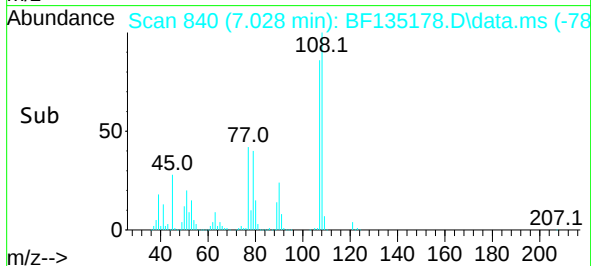
Instrument :
BNA_F
ClientSampleId :
PB155440BS



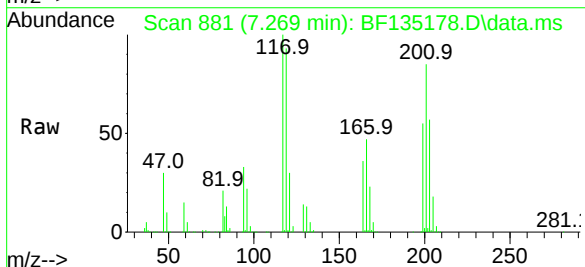
Tgt Ion:107 Resp: 276980
Ion Ratio Lower Upper
107 100
108 115.8 92.0 138.0
77 48.6 36.7 55.1
79 46.7 36.3 54.5

Manual Integrations
APPROVED

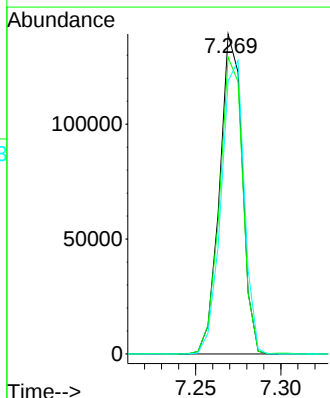
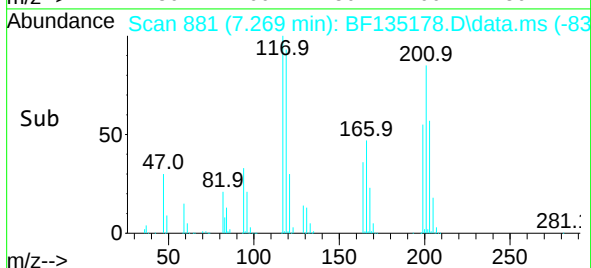
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

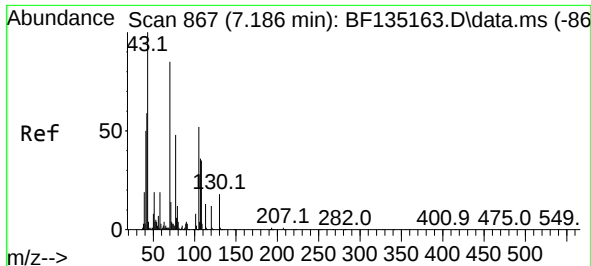


#18
Hexachloroethane
Concen: 46.270 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



Tgt Ion:117 Resp: 128409
Ion Ratio Lower Upper
117 100
119 92.7 74.7 112.1
201 85.3 81.8 122.8





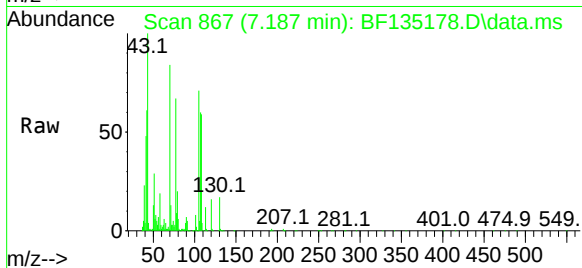
#19
n-Nitroso-di-n-propylamine
Concen: 43.169 ng
RT: 7.187 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

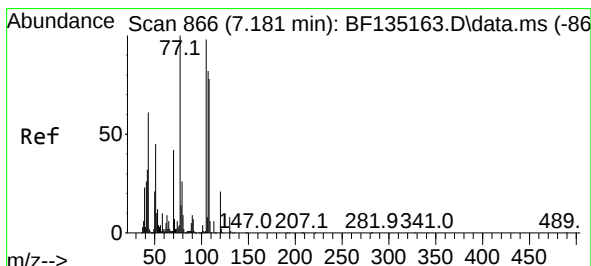
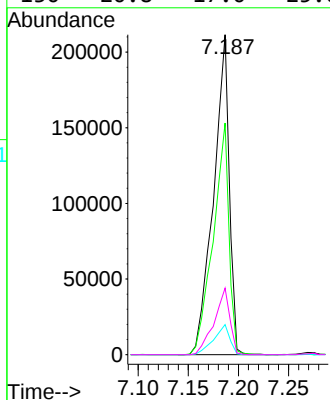
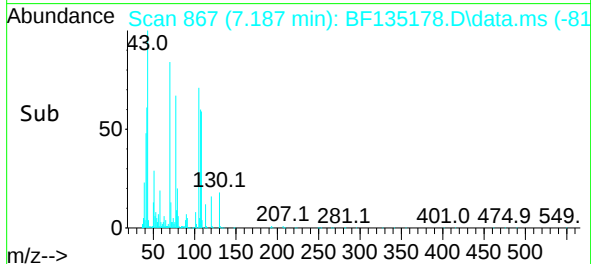
PB155440BS



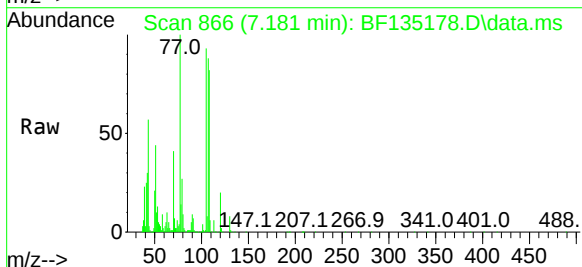
Tgt Ion: 70 Resp: 23136
Ion Ratio Lower Upper
70 100
42 72.4 55.4 83.0
101 9.4 7.7 11.5
130 20.8 17.0 25.6

Manual Integrations
APPROVED

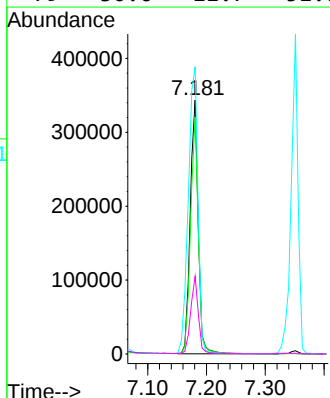
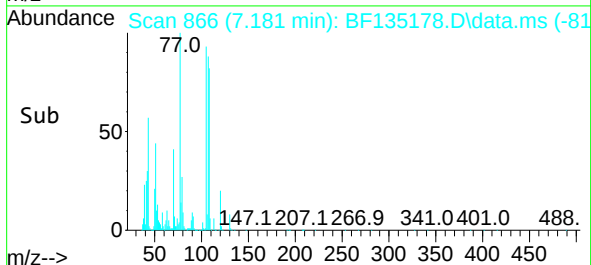
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

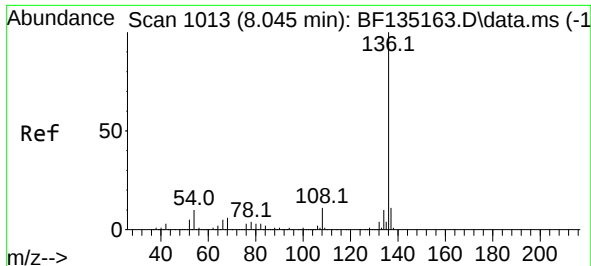


#20
3+4-Methylphenols
Concen: 42.228 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



Tgt Ion:107 Resp: 325504
Ion Ratio Lower Upper
107 100
108 93.3 74.7 114.7
77 113.1 102.0 142.0
79 30.6 11.7 51.7





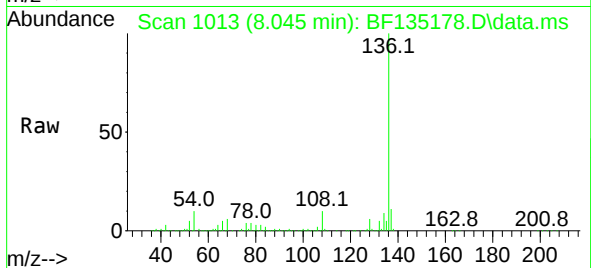
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS

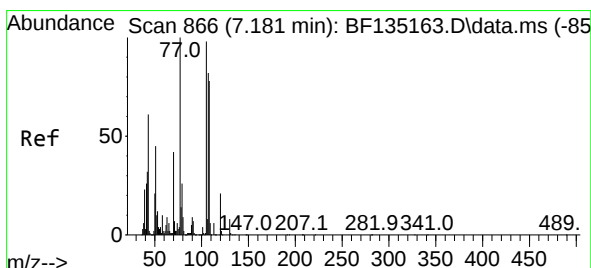
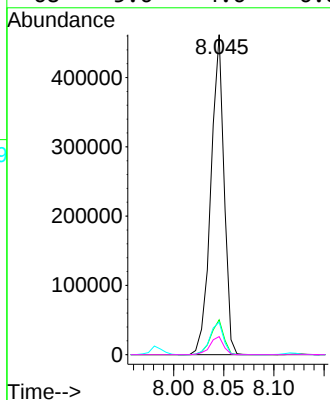
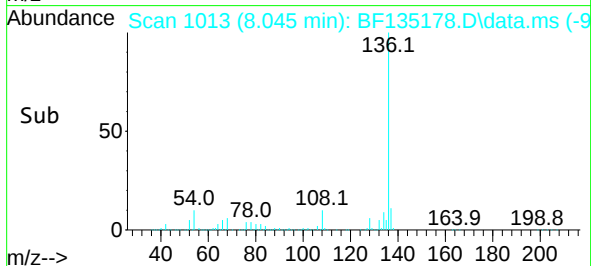


Tgt Ion:136 Resp: 421060
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.2 7.7 11.5
68 5.6 4.6 6.8

Manual Integrations

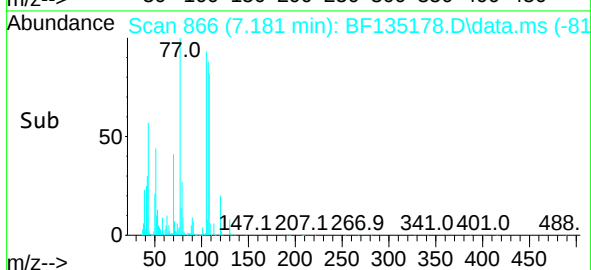
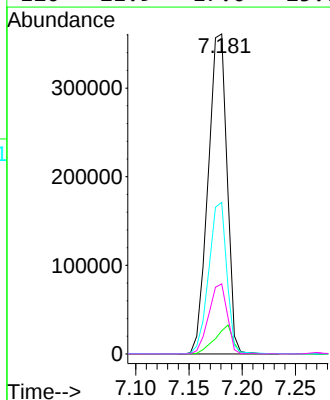
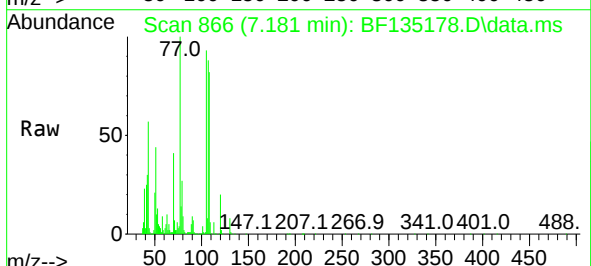
APPROVED

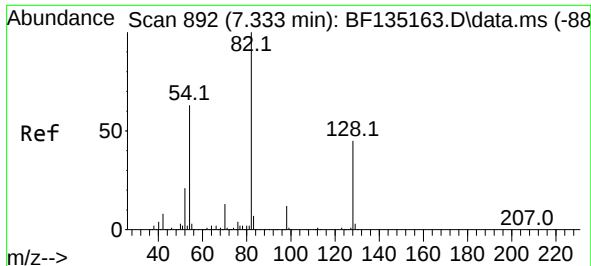
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#22
Acetophenone
Concen: 46.341 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Tgt Ion:105 Resp: 446103
Ion Ratio Lower Upper
105 100
71 7.2 5.8 8.6
51 47.4 37.0 55.4
120 21.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 91.397 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

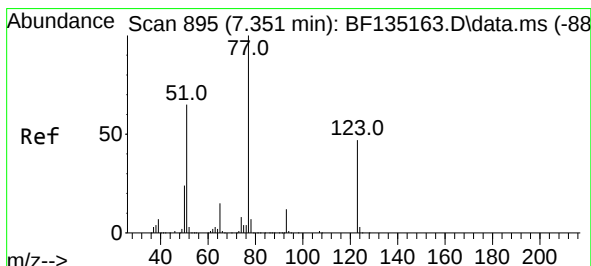
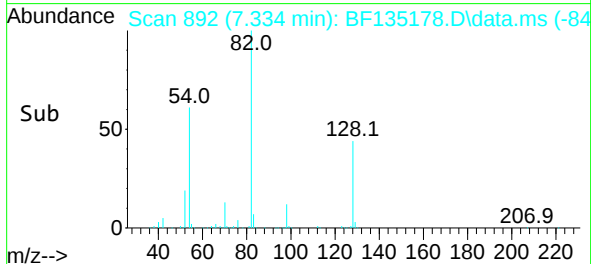
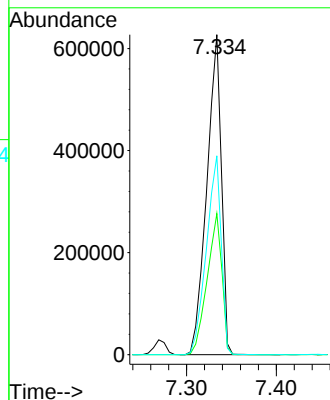
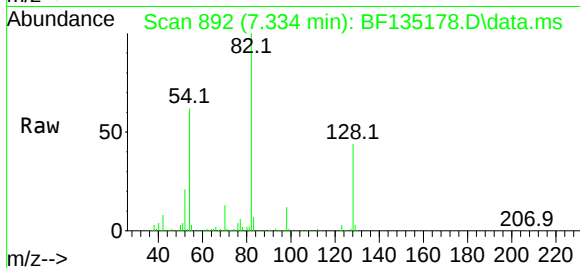
PB155440BS

Tgt Ion: 82 Resp: 708330
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.8 53.6
 54 62.2 50.6 76.0

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 46.125 ng

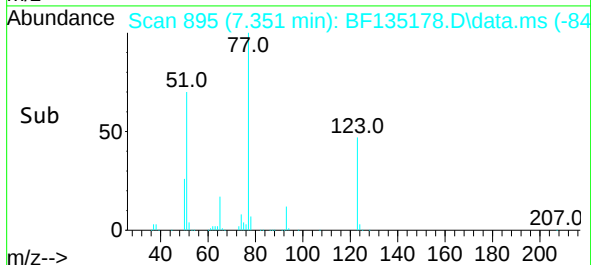
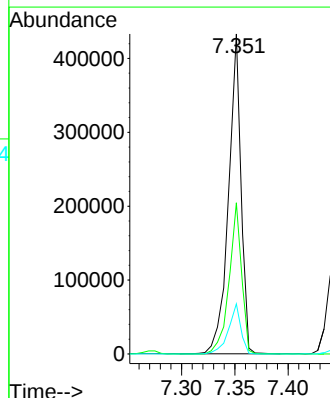
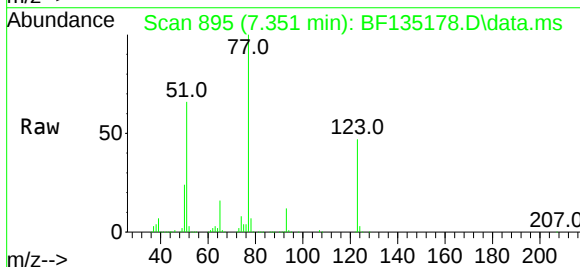
RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Tgt Ion: 77 Resp: 353330
 Ion Ratio Lower Upper
 77 100
 123 47.3 37.6 56.4
 65 15.6 12.2 18.4





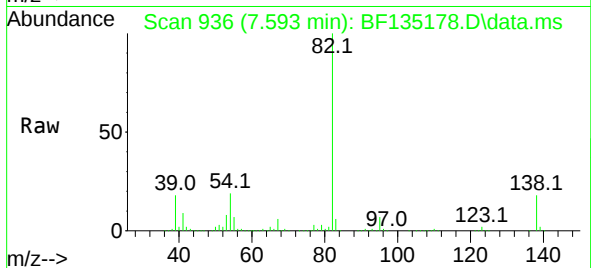
#25
Isophorone
Concen: 46.202 ng
RT: 7.593 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS

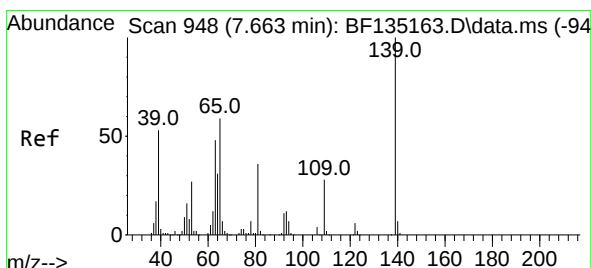
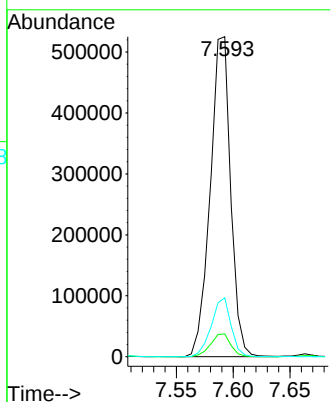
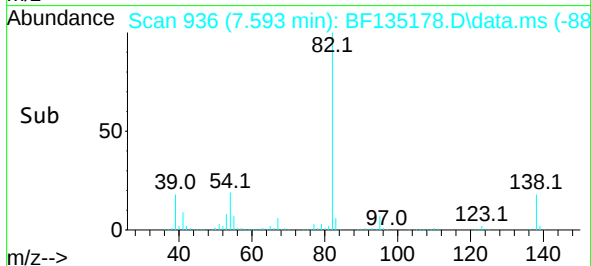


Tgt Ion: 82 Resp: 657520
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 18.4 14.5 21.7

Manual Integrations

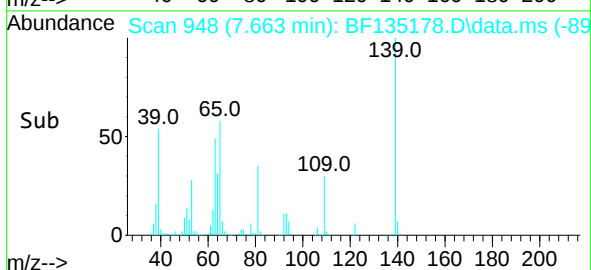
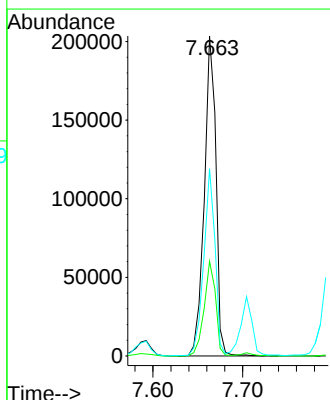
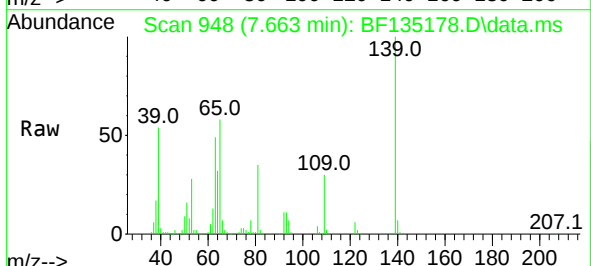
APPROVED

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



#26
2-Nitrophenol
Concen: 49.852 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Tgt Ion:139 Resp: 183282
Ion Ratio Lower Upper
139 100
109 29.6 22.6 33.8
65 58.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 49.283 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135178.D

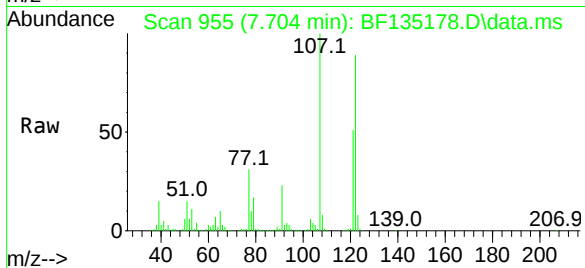
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS



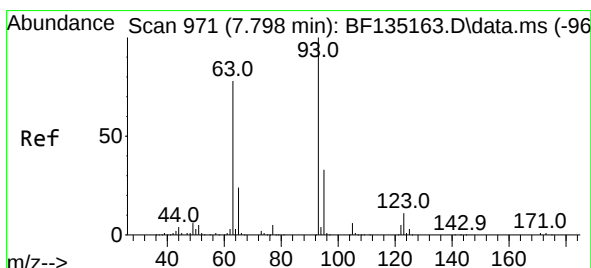
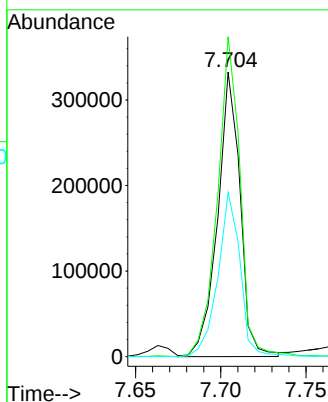
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.5	90.2	135.4
121	57.7	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.339 ng

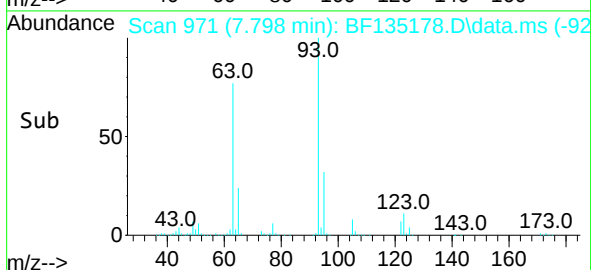
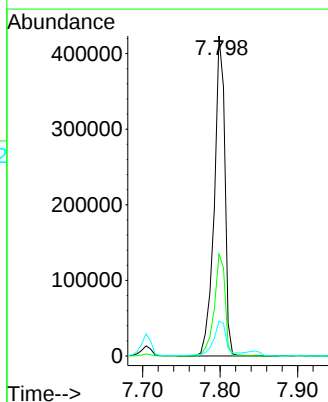
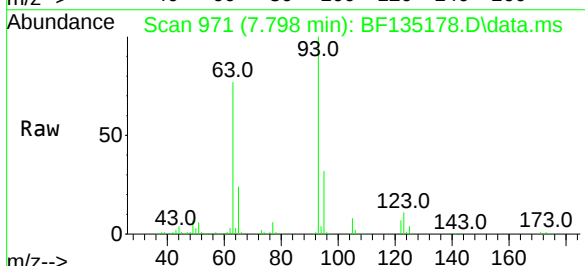
RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.2	39.2
123	10.9	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 48.465 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135178.D

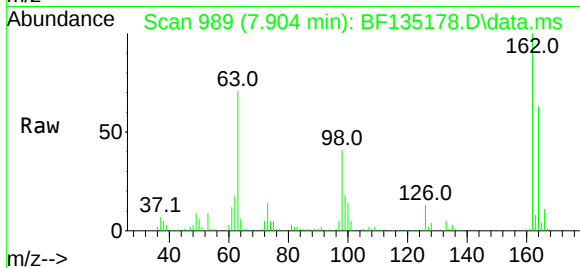
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS



Tgt Ion:162 Resp: 277520

Ion Ratio Lower Upper

162 100

164 63.4 44.1 84.1

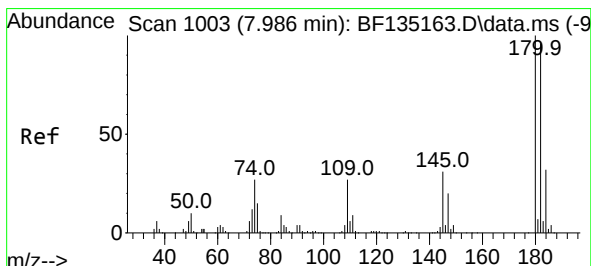
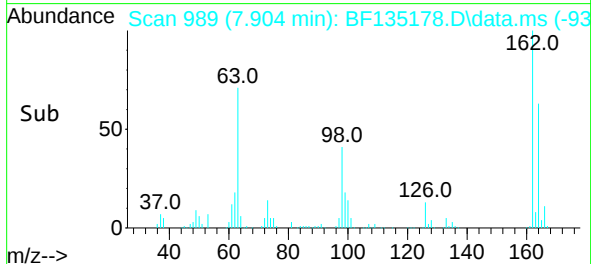
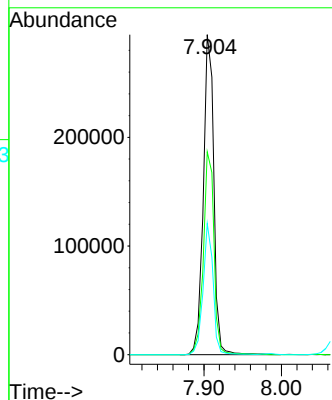
98 41.0 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.260 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

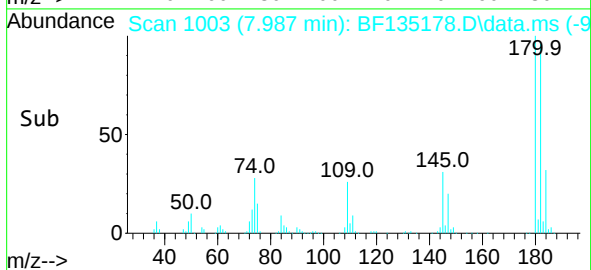
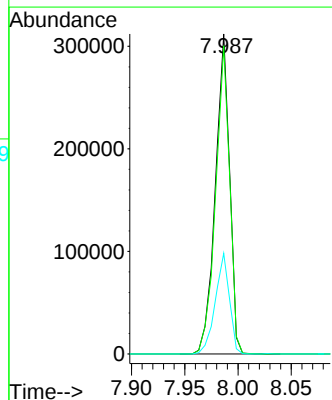
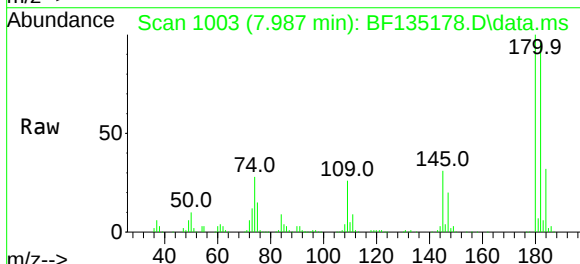
Tgt Ion:180 Resp: 288850

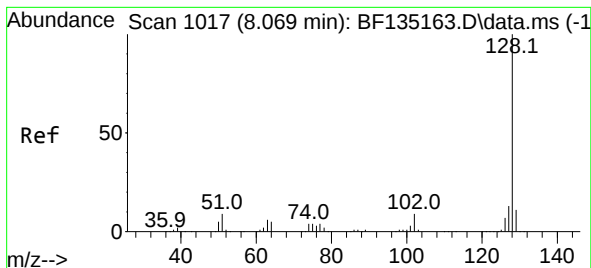
Ion Ratio Lower Upper

180 100

182 96.3 76.9 115.3

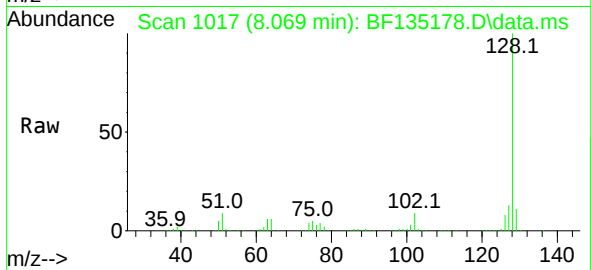
145 31.5 24.5 36.7





#31
Naphthalene
Concen: 46.863 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

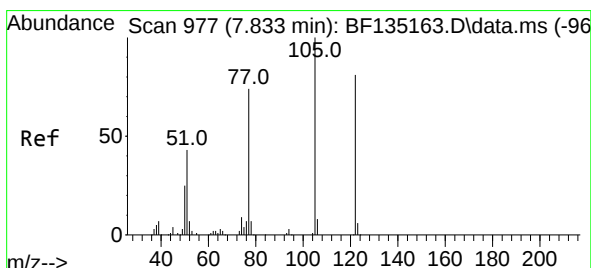
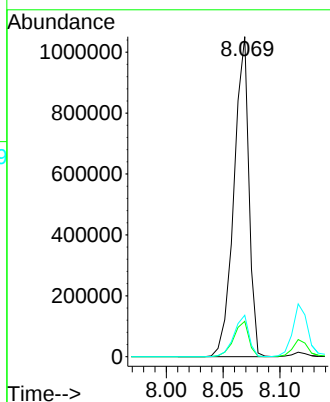
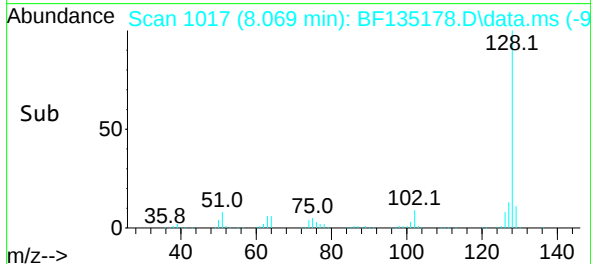
Instrument :
BNA_F
ClientSampleId :
PB155440BS



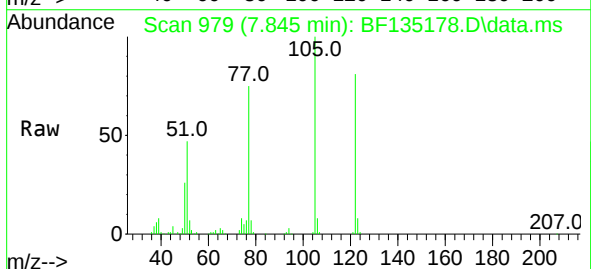
Tgt Ion:128 Resp: 958720
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.7 16.1

Manual Integrations
APPROVED

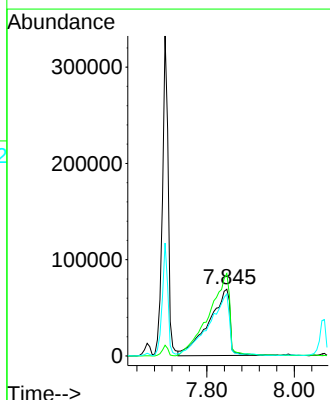
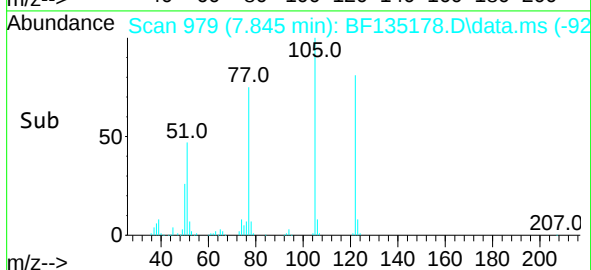
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

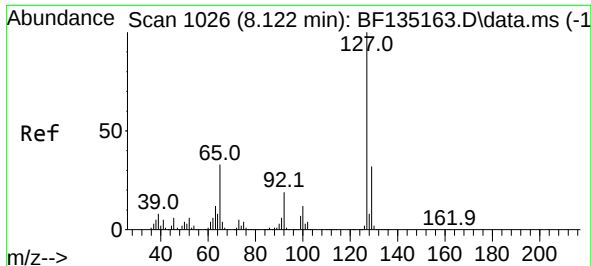


#32
Benzoic acid
Concen: 50.066 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



Tgt Ion:122 Resp: 232977
Ion Ratio Lower Upper
122 100
105 123.4 99.9 139.9
77 93.0 70.0 110.0





#33
4-Chloroaniline
Concen: 18.593 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

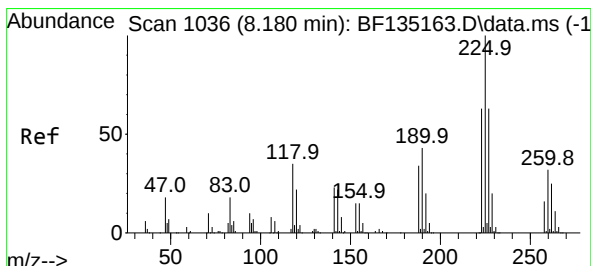
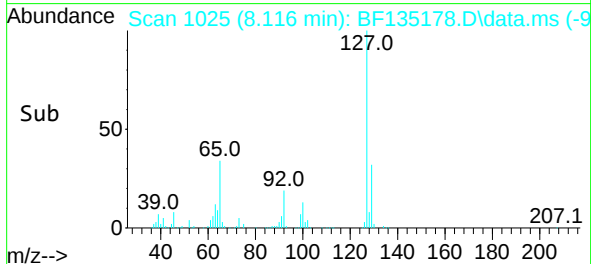
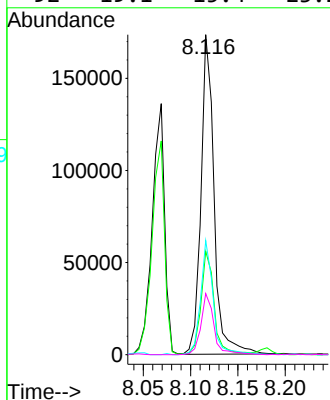
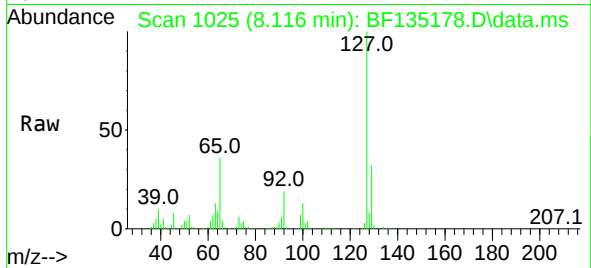
ClientSampleId :

PB155440BS

Tgt Ion:127 Resp: 166890
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.8
65 35.6 26.6 39.8
92 19.1 15.4 23.2

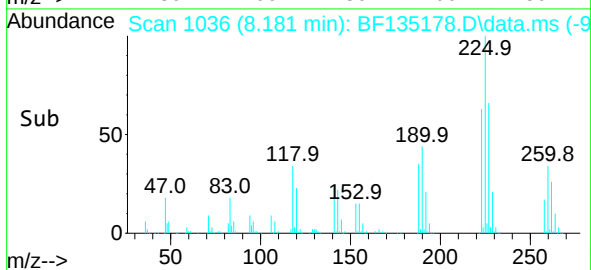
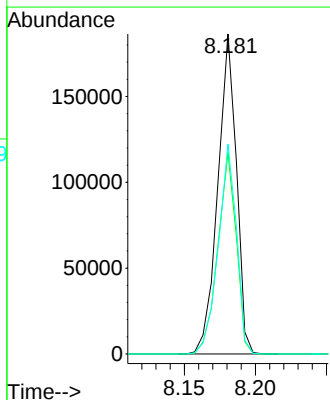
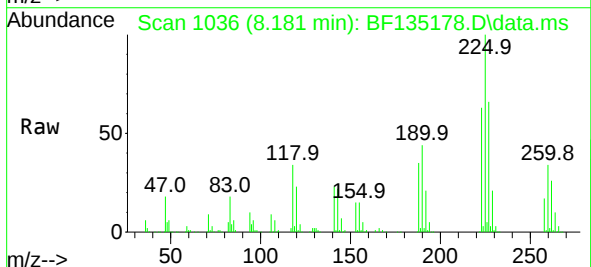
Manual Integrations
APPROVED

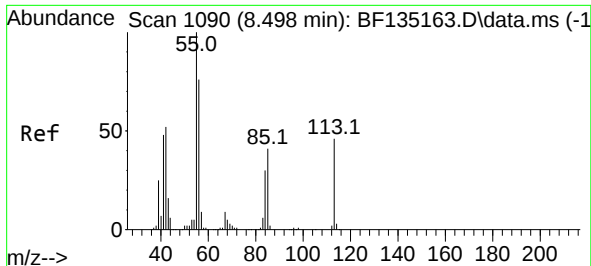
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#34
Hexachlorobutadiene
Concen: 46.985 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

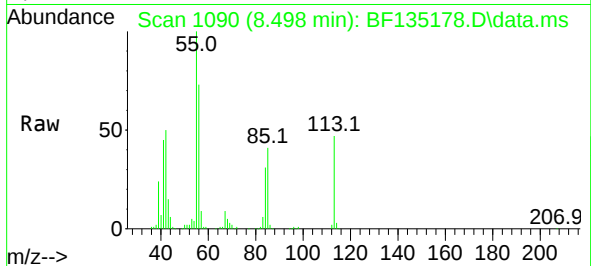
Tgt Ion:225 Resp: 169569
Ion Ratio Lower Upper
225 100
223 62.8 50.6 75.8
227 65.6 50.8 76.2





#35
Caprolactam
Concen: 50.488 ng m
RT: 8.498 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

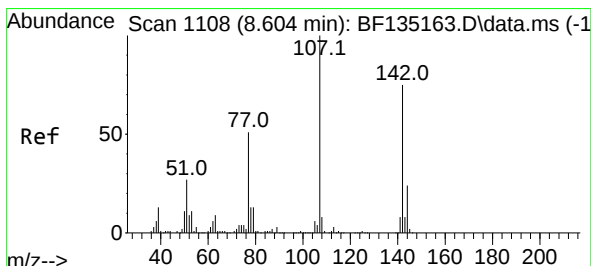
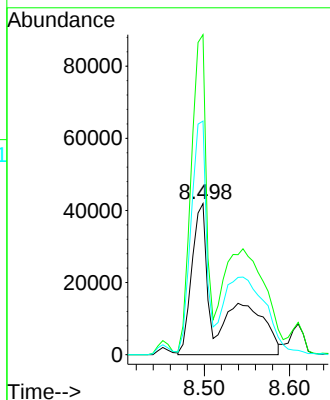
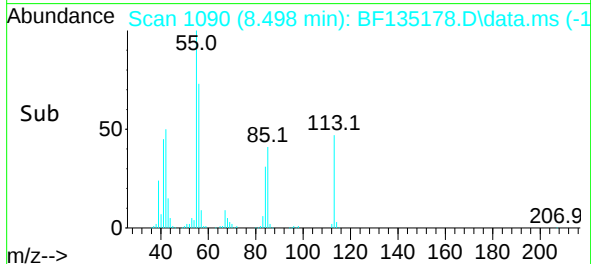
Instrument :
BNA_F
ClientSampleId :
PB155440BS



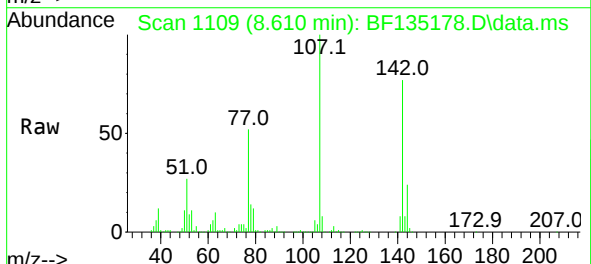
Tgt Ion:113 Resp: 97028
Ion Ratio Lower Upper
113 100
55 211.9 199.3 239.3
56 154.7 146.3 186.3

Manual Integrations
APPROVED

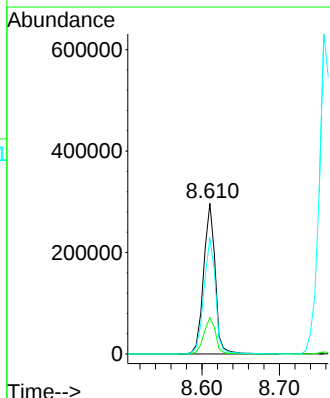
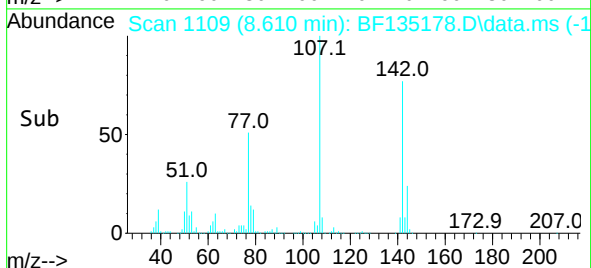
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

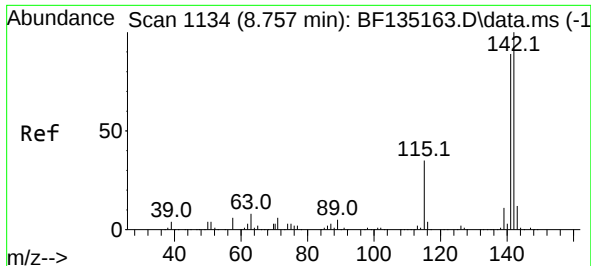


#36
4-Chloro-3-methylphenol
Concen: 48.373 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



Tgt Ion:107 Resp: 307860
Ion Ratio Lower Upper
107 100
144 24.1 19.0 28.4
142 76.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.573 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS

Tgt Ion:142 Resp: 612960

Ion Ratio Lower Upper

142 100

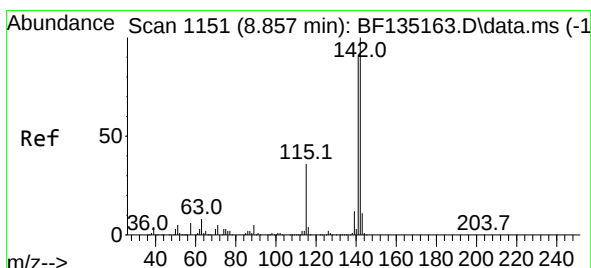
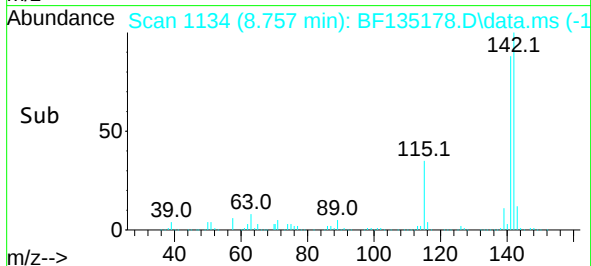
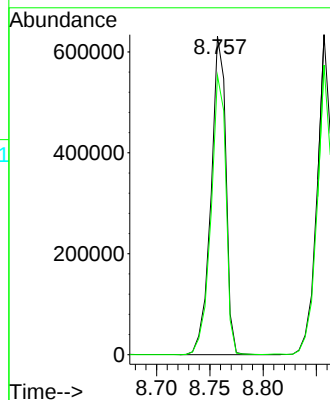
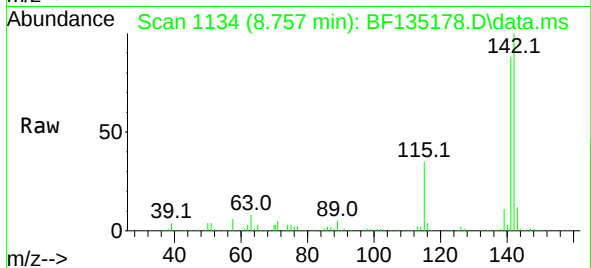
141 87.7 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#38

1-Methylnaphthalene

Concen: 44.580 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135178.D

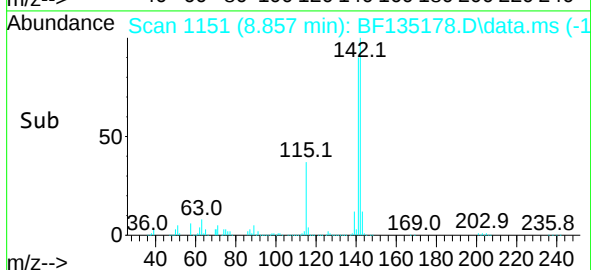
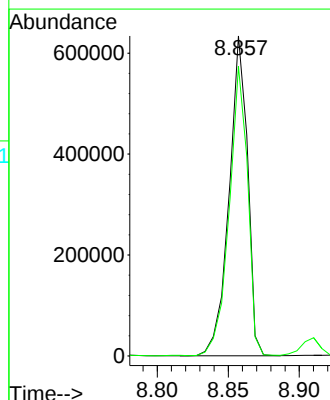
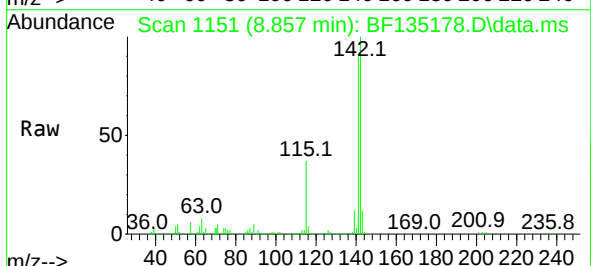
Acq: 12 Sep 2023 13:09

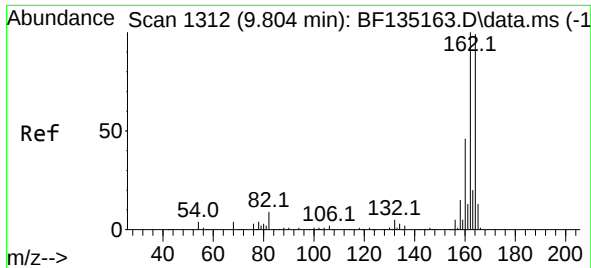
Tgt Ion:142 Resp: 573964

Ion Ratio Lower Upper

142 100

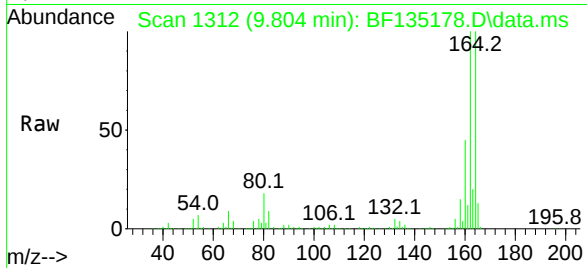
141 90.5 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

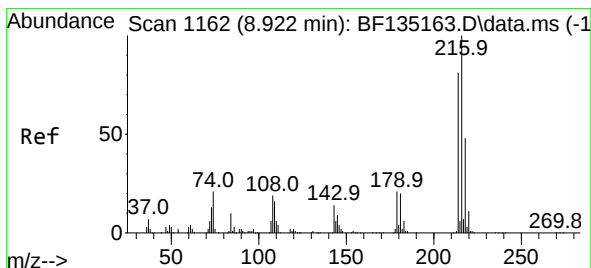
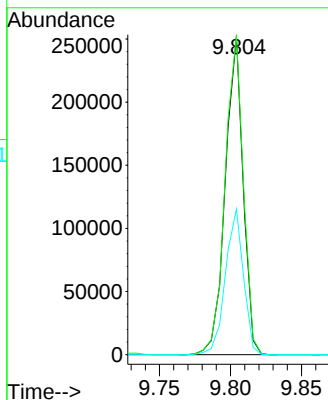
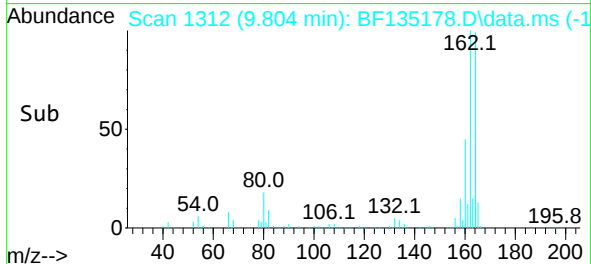
Instrument :
BNA_F
ClientSampleId :
PB155440BS



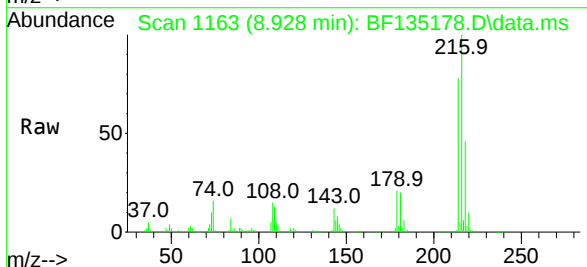
Tgt Ion:164 Resp: 22013
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 45.7 37.0 55.4

Manual Integrations
APPROVED

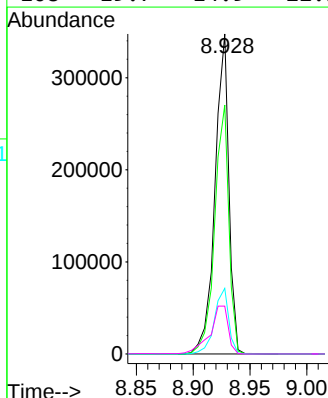
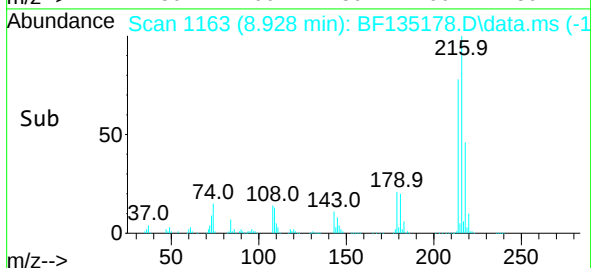
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.367 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



Tgt Ion:216 Resp: 295700
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 21.1 16.7 25.1
108 19.7 14.9 22.3





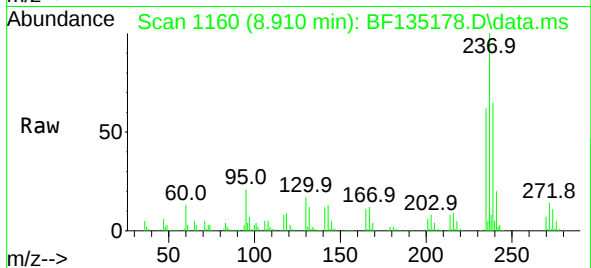
#41
Hexachlorocyclopentadiene
Concen: 95.955 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS

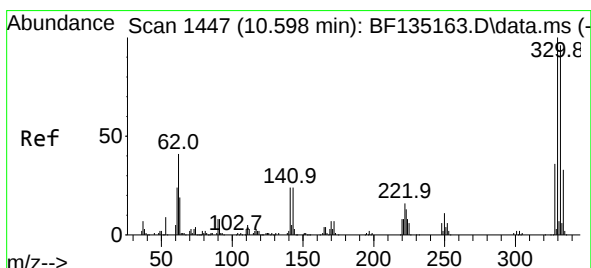
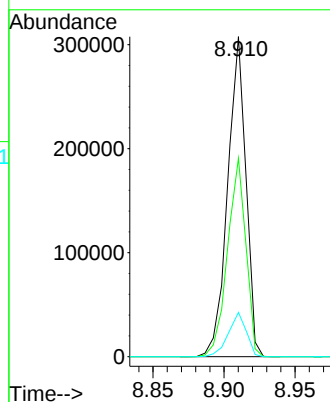


Tgt Ion: 237 Resp: 27419
Ion Ratio Lower Upper
237 100
235 62.0 41.8 81.8
272 13.9 0.0 33.6

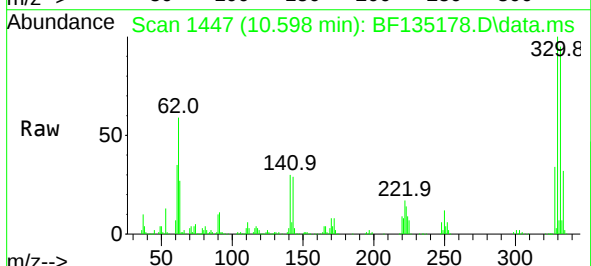
Manual Integrations

APPROVED

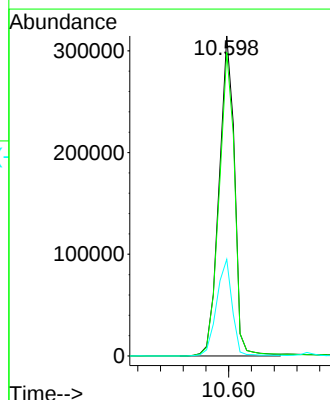
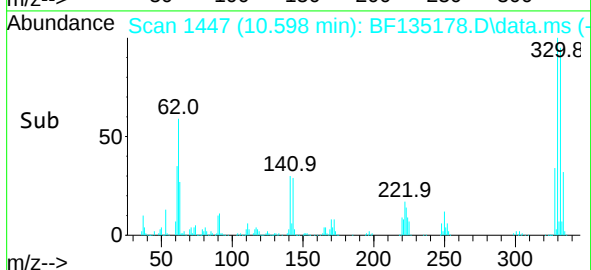
Reviewed By : Yogesh Patel 09/13/2023
Supervised By : mohammad ahmed 09/13/2023

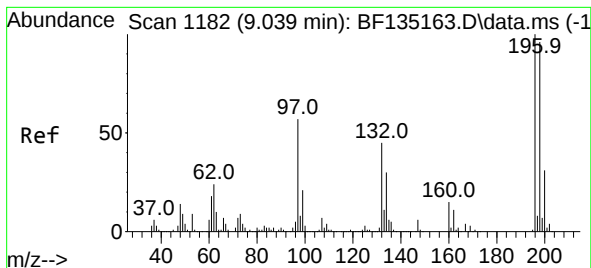


#42
2,4,6-Tribromophenol
Concen: 135.802 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



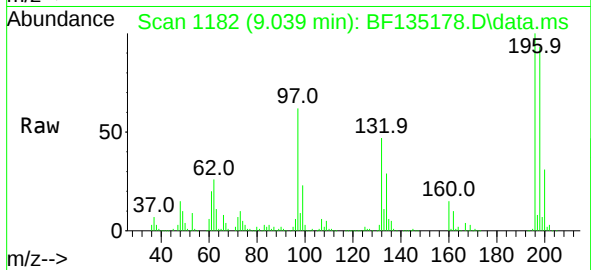
Tgt Ion: 330 Resp: 297076
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 30.7 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 47.180 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

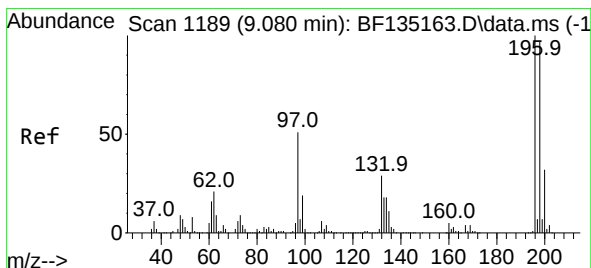
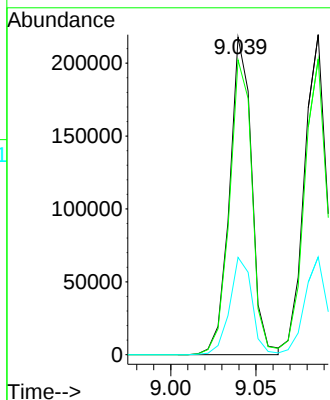
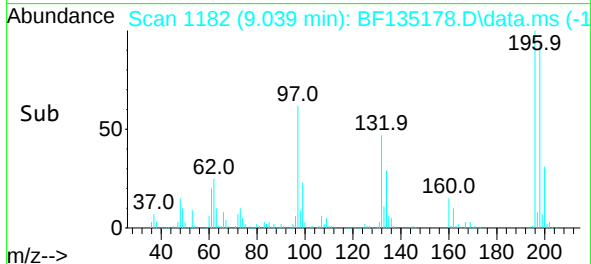
Instrument :
BNA_F
ClientSampleId :
PB155440BS



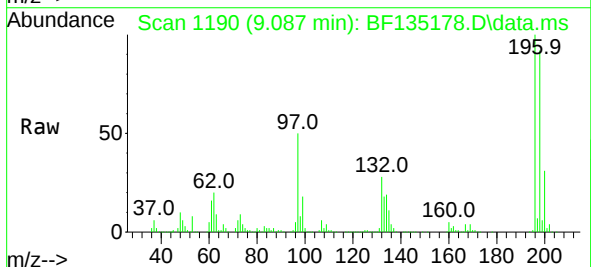
Tgt Ion:196 Resp: 197000
Ion Ratio Lower Upper
196 100
198 92.9 77.0 115.6
200 30.7 24.5 36.7

Manual Integrations
APPROVED

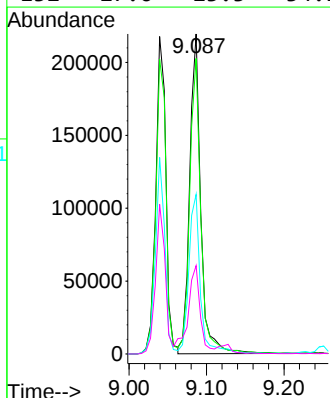
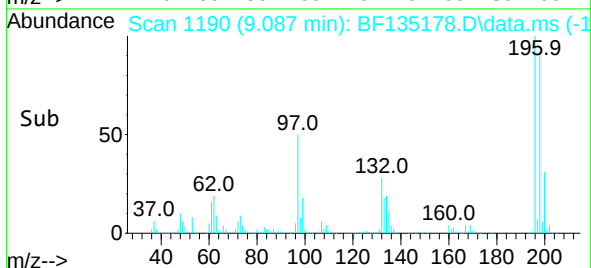
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

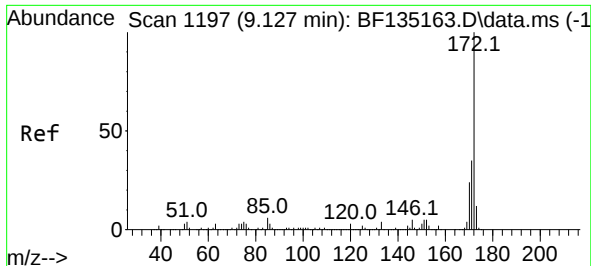


#44
2,4,5-Trichlorophenol
Concen: 45.376 ng
RT: 9.087 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



Tgt Ion:196 Resp: 218193
Ion Ratio Lower Upper
196 100
198 92.4 77.5 116.3
97 49.9 40.5 60.7
132 27.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 86.149 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135178.D

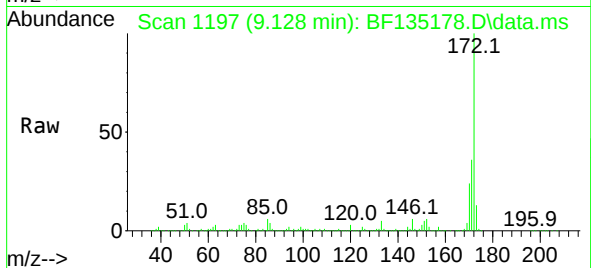
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS



Tgt Ion:172 Resp: 1256958

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

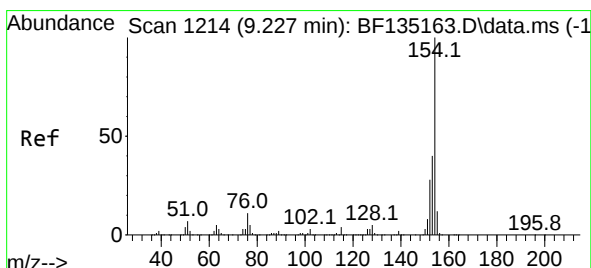
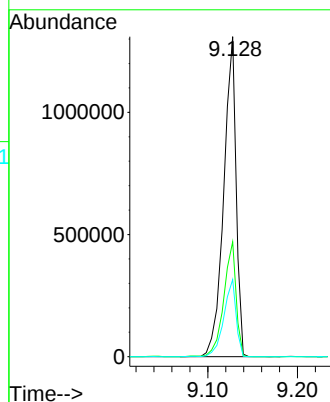
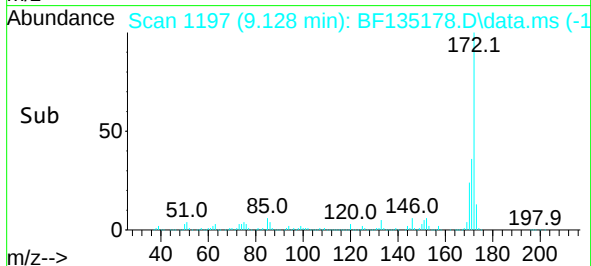
170 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#46

1,1'-Biphenyl

Concen: 45.373 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

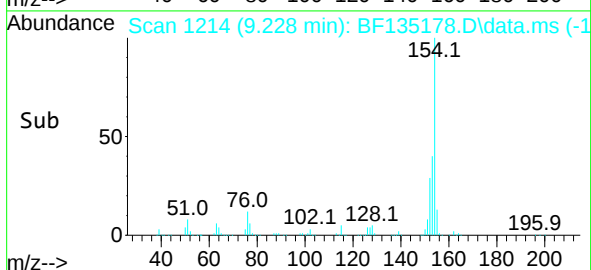
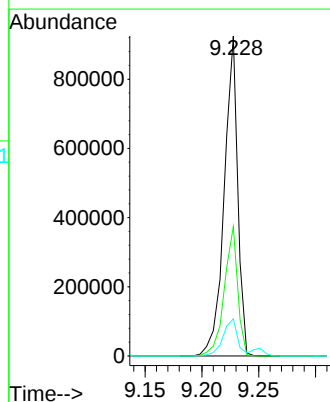
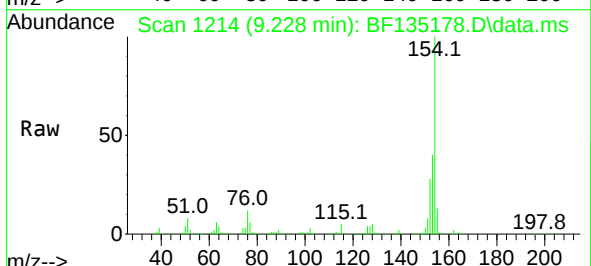
Tgt Ion:154 Resp: 767563

Ion Ratio Lower Upper

154 100

153 40.4 19.6 59.6

76 11.6 0.0 31.0





#47

2-Chloronaphthalene

Concen: 46.633 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS

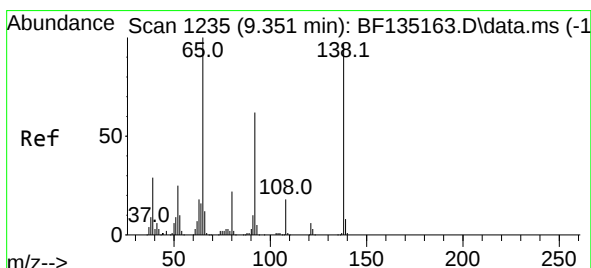
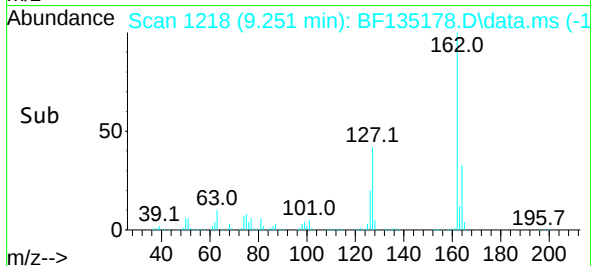
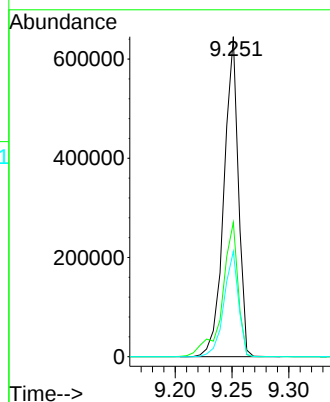
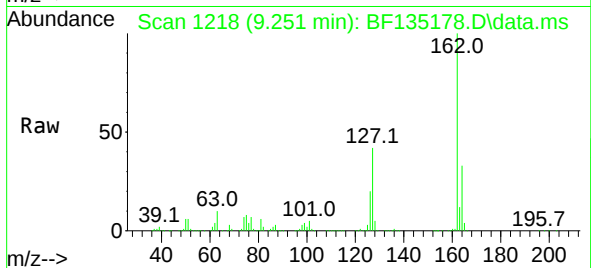
Tgt Ion:	162	Resp:	572372
Ion Ratio	Lower	Upper	
162	100		
127	41.9	32.6	48.8
164	32.9	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#48

2-Nitroaniline

Concen: 45.588 ng

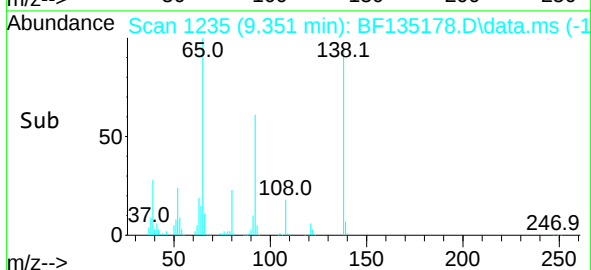
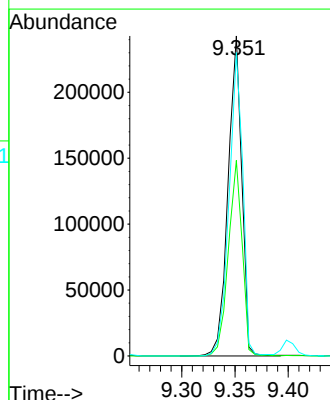
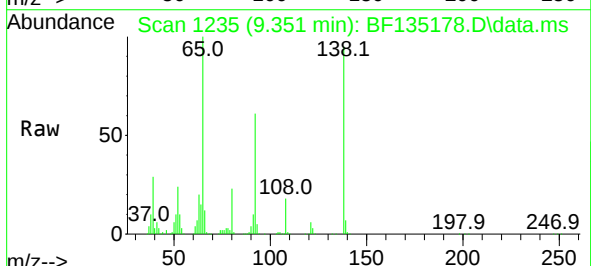
RT: 9.351 min Scan# 1235

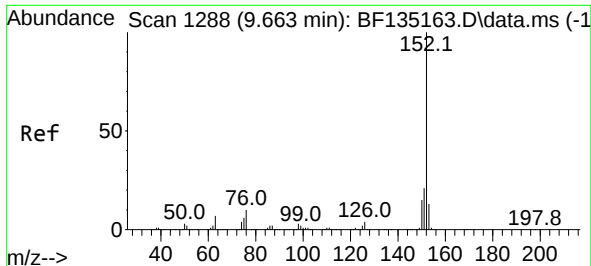
Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Tgt Ion:	65	Resp:	217382
Ion Ratio	Lower	Upper	
65	100		
92	61.1	49.4	74.0
138	94.8	77.4	116.0





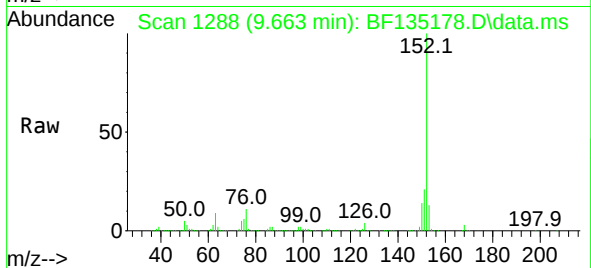
#49
Acenaphthylene
Concen: 45.418 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS



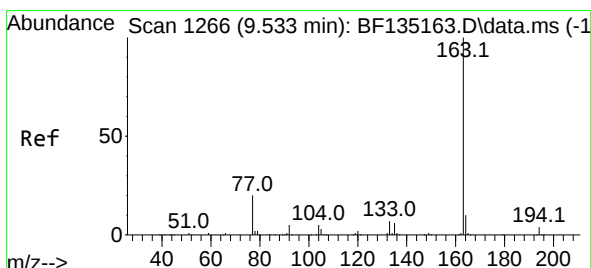
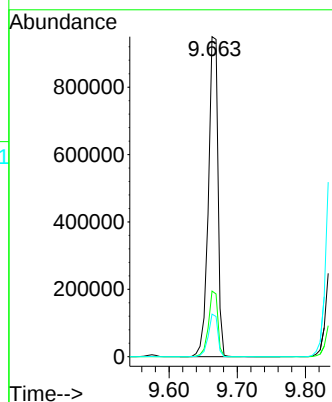
Tgt Ion:152 Resp: 926459
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.3 10.4 15.6

Manual Integrations

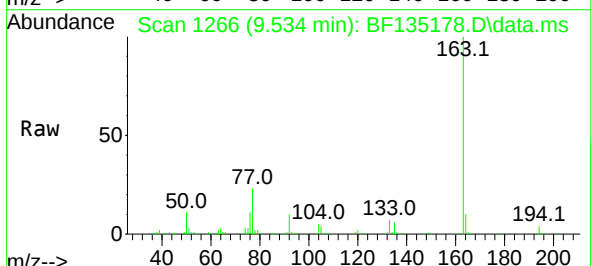
APPROVED

Reviewed By :Yogesh Patel 09/13/2023

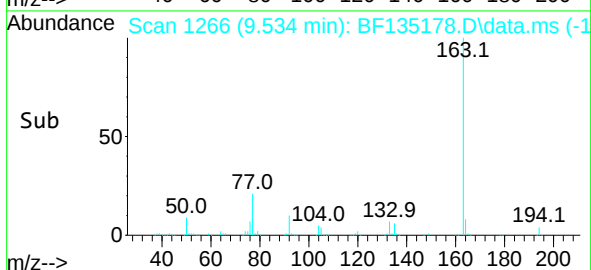
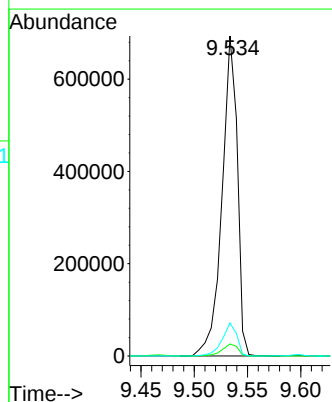
Supervised By :mohammad ahmed 09/13/2023

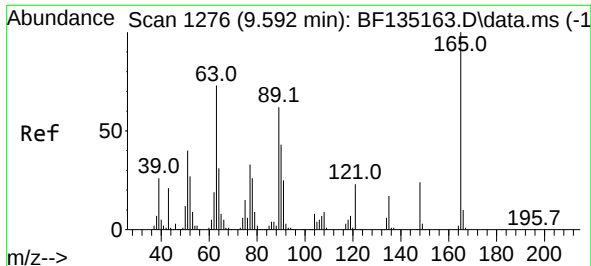


#50
Dimethylphthalate
Concen: 46.333 ng
RT: 9.534 min Scan# 1266
Delta R.T. 0.001 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



Tgt Ion:163 Resp: 689576
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.646 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

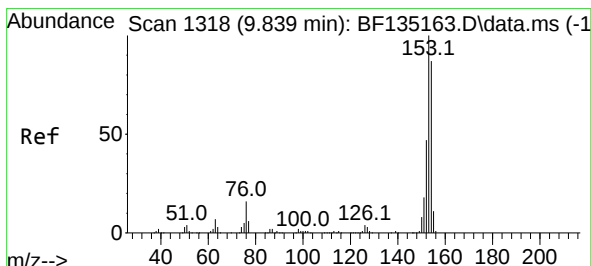
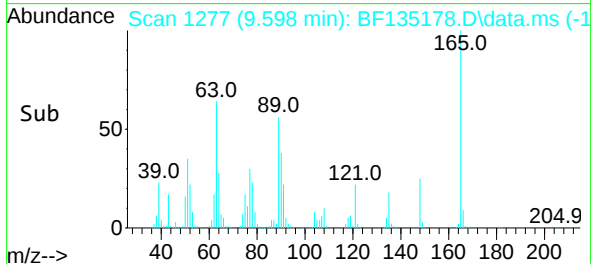
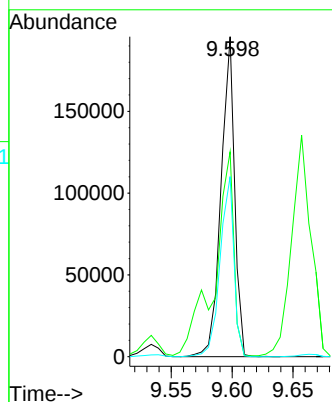
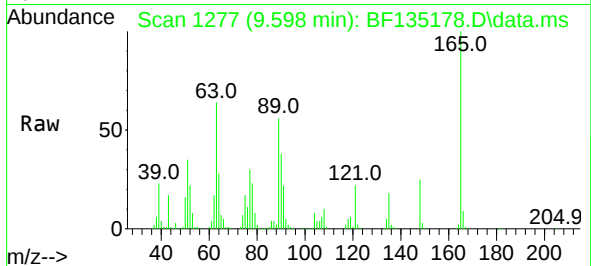
ClientSampleId :

PB155440BS

Tgt Ion:165 Resp: 152084
Ion Ratio Lower Upper
165 100
63 64.0 59.4 89.2
89 56.3 49.8 74.8

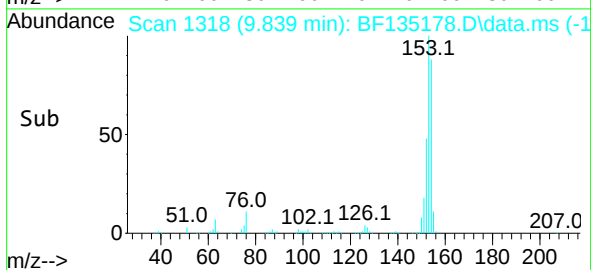
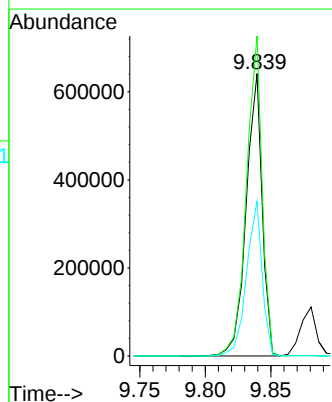
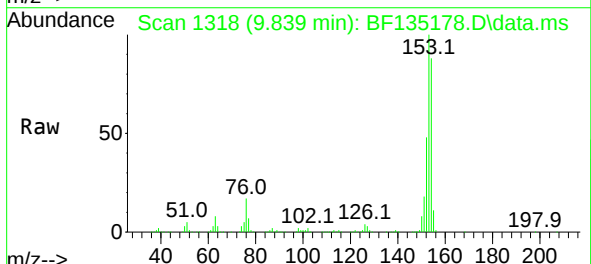
Manual Integrations
APPROVED

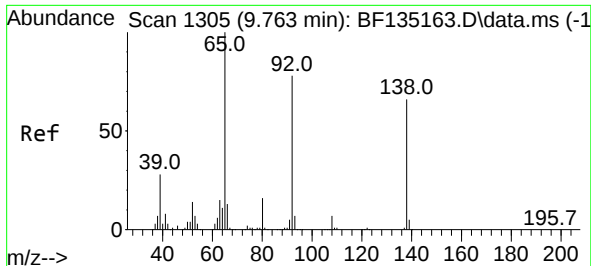
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#52
Acenaphthene
Concen: 45.173 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Tgt Ion:154 Resp: 544357
Ion Ratio Lower Upper
154 100
153 113.3 92.1 138.1
152 54.7 43.1 64.7





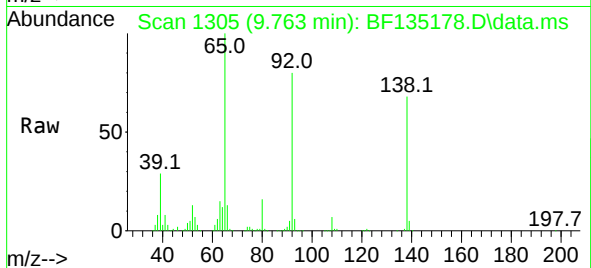
#53
3-Nitroaniline
Concen: 29.444 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

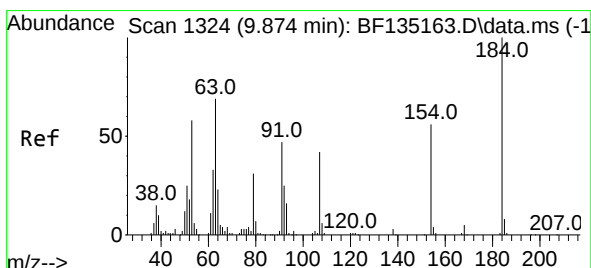
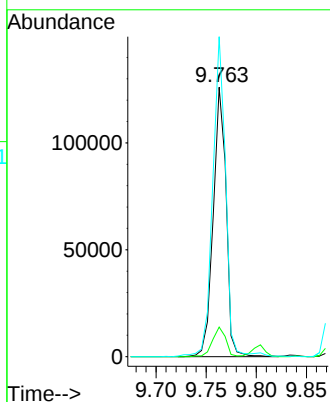
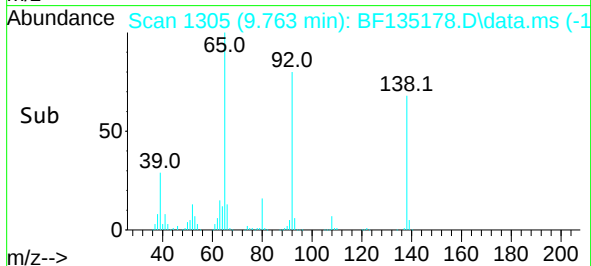
PB155440BS



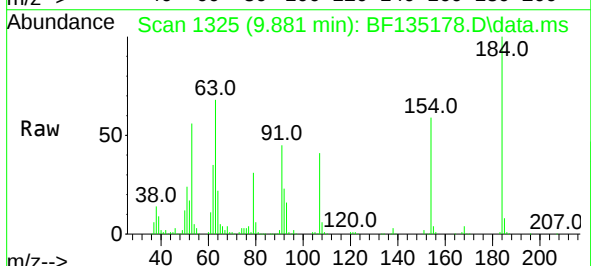
Tgt Ion:138 Resp: 11268
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 118.7 95.4 143.0

Manual Integrations
APPROVED

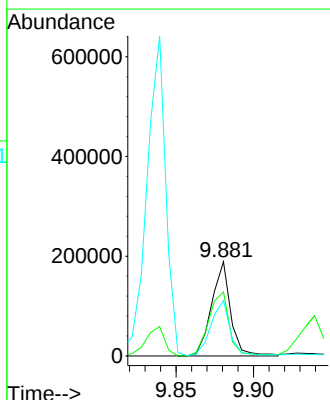
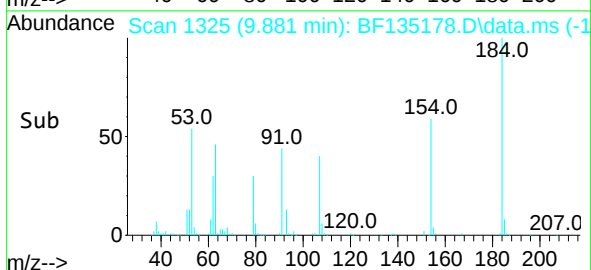
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

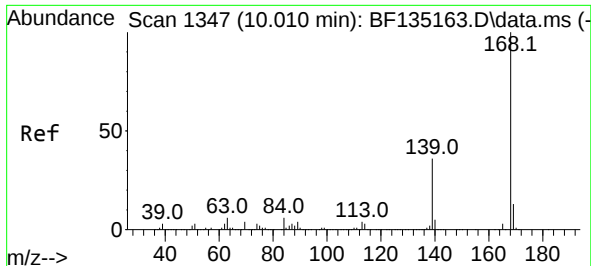


#54
2,4-Dinitrophenol
Concen: 86.652 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.007 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



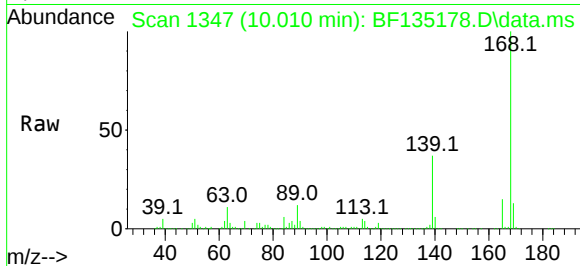
Tgt Ion:184 Resp: 161427
Ion Ratio Lower Upper
184 100
63 67.9 55.1 82.7
154 58.9 48.4 72.6





#55
Dibenzenofuran
Concen: 45.104 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

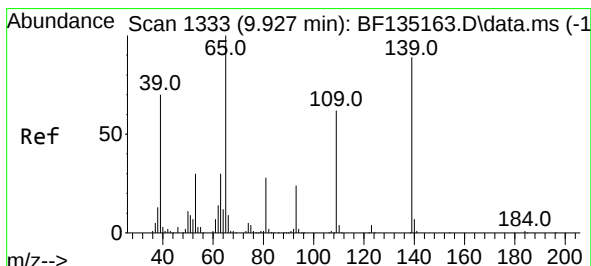
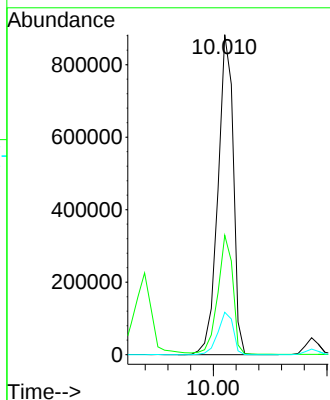
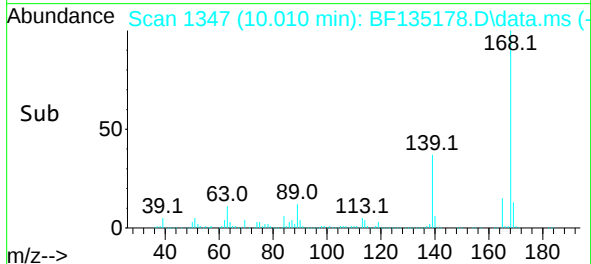
Instrument :
BNA_F
ClientSampleId :
PB155440BS



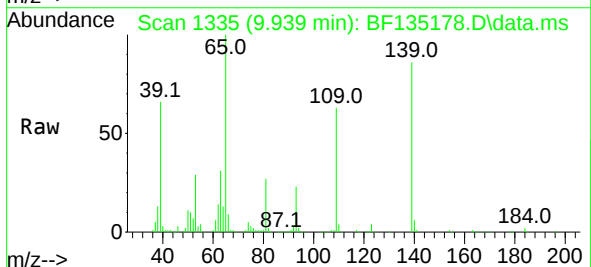
Tgt Ion:168 Resp: 829410
Ion Ratio Lower Upper
168 100
139 37.3 29.0 43.6
169 13.3 10.4 15.6

Manual Integrations
APPROVED

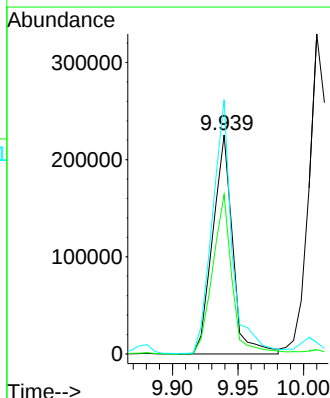
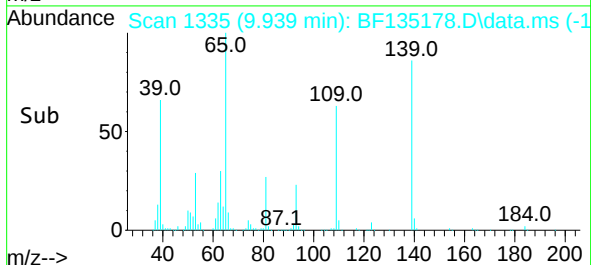
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

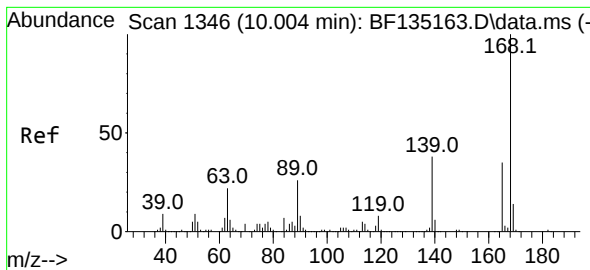


#56
4-Nitrophenol
Concen: 98.074 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



Tgt Ion:139 Resp: 238551
Ion Ratio Lower Upper
139 100
109 72.8 49.8 89.8
65 116.1 92.7 132.7





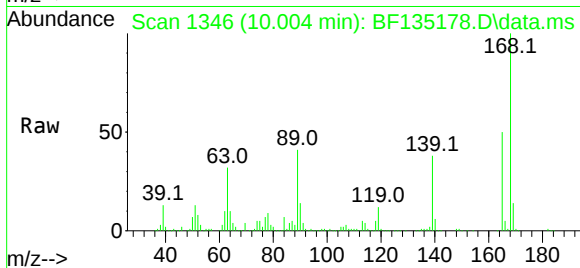
#57
2,4-Dinitrotoluene
Concen: 46.567 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS

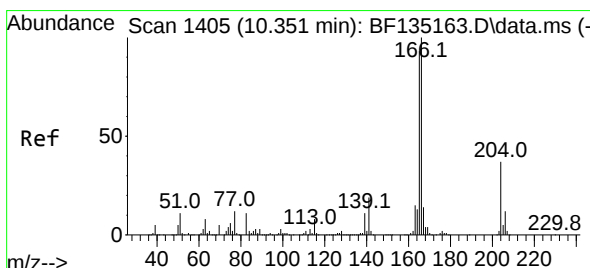
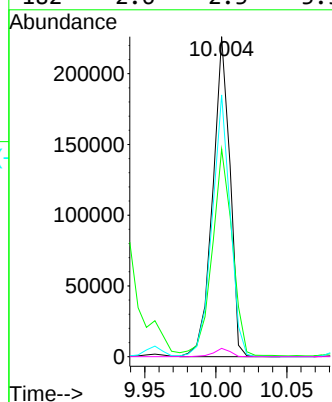
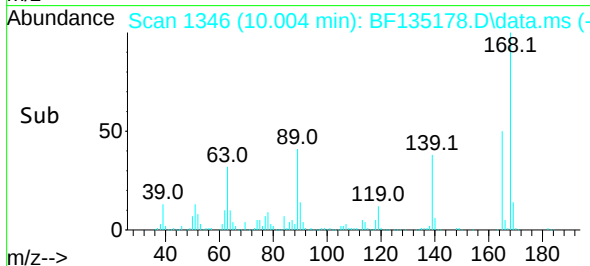


Tgt Ion:165 Resp: 190072
Ion Ratio Lower Upper
165 100
63 64.9 50.1 75.1
89 81.8 59.3 88.9
182 2.6 2.3 3.5

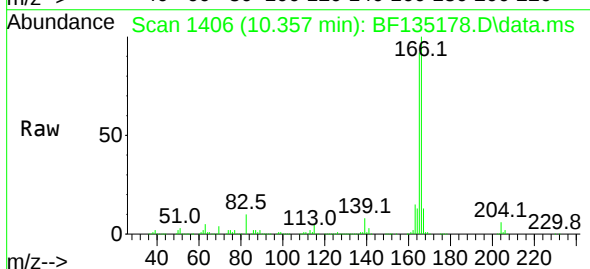
Manual Integrations

APPROVED

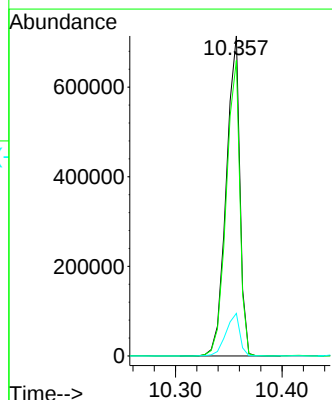
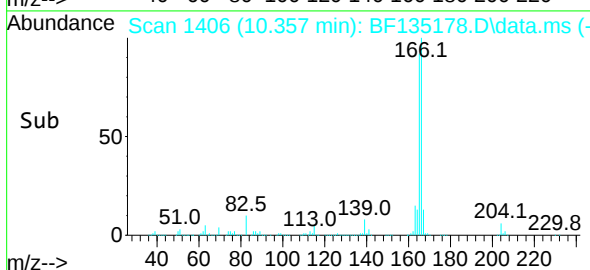
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

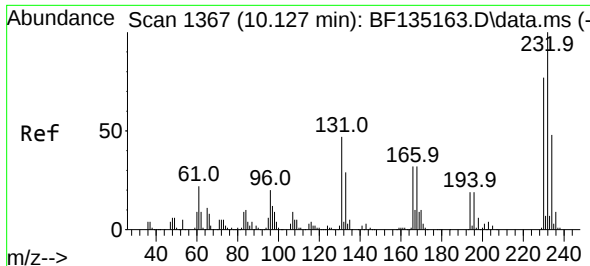


#58
Fluorene
Concen: 44.788 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



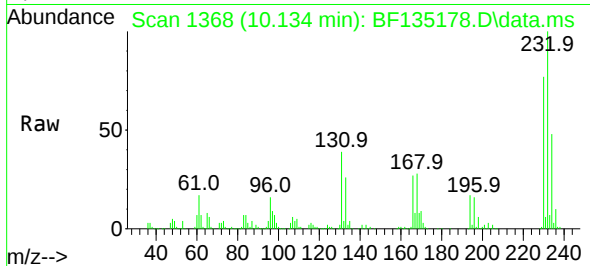
Tgt Ion:166 Resp: 633145
Ion Ratio Lower Upper
166 100
165 92.3 74.3 111.5
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.775 ng
RT: 10.134 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

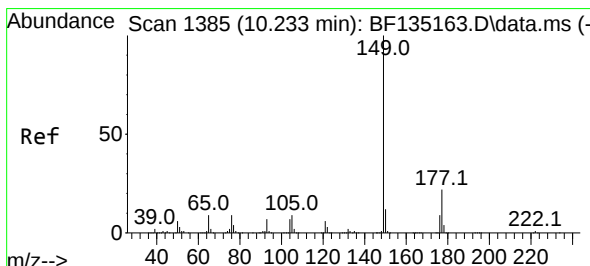
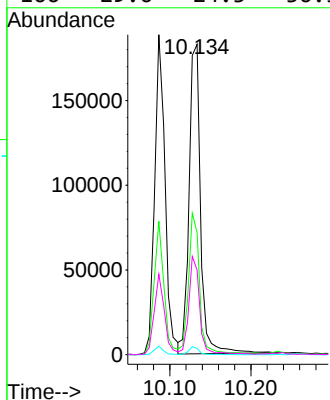
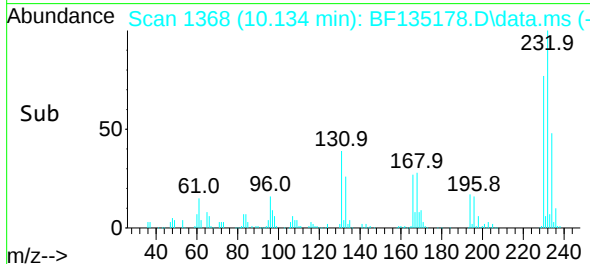
Instrument :
BNA_F
ClientSampleId :
PB155440BS



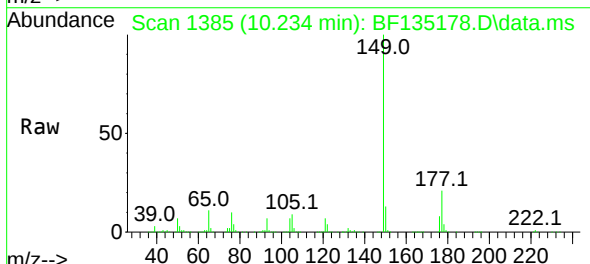
Tgt Ion:232 Resp: 180418
Ion Ratio Lower Upper
232 100
131 42.8 35.4 53.2
130 2.4 1.8 2.8
166 29.6 24.3 36.5

Manual Integrations
APPROVED

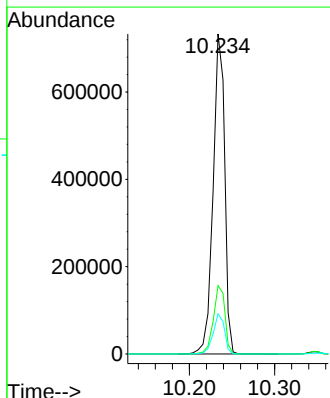
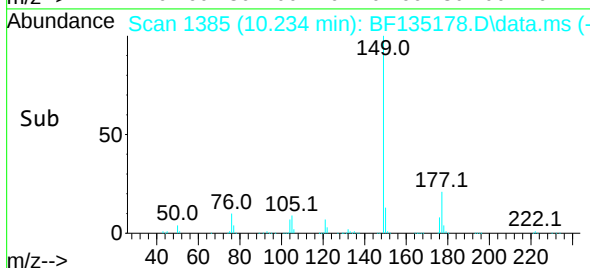
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

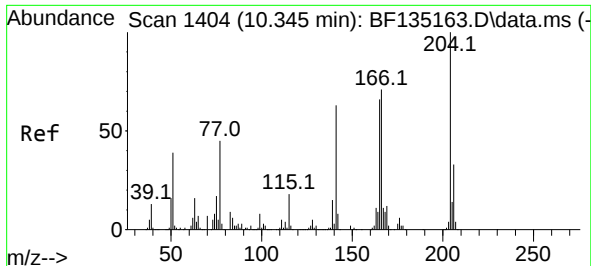


#60
Diethylphthalate
Concen: 46.342 ng
RT: 10.234 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



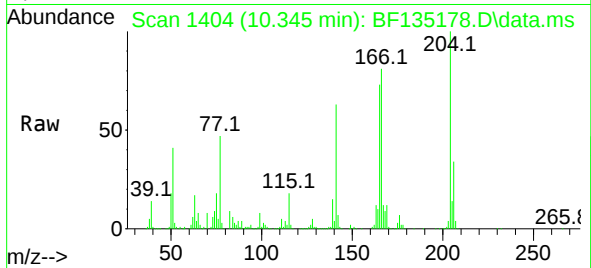
Tgt Ion:149 Resp: 692191
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.627 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

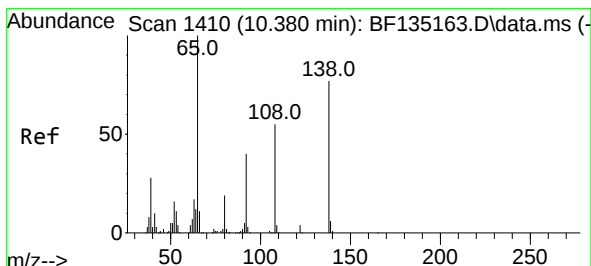
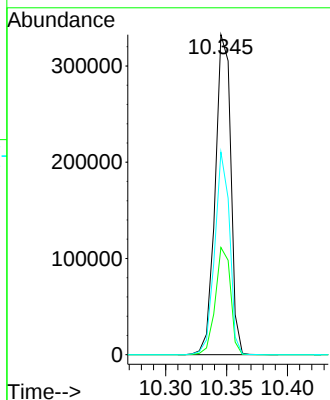
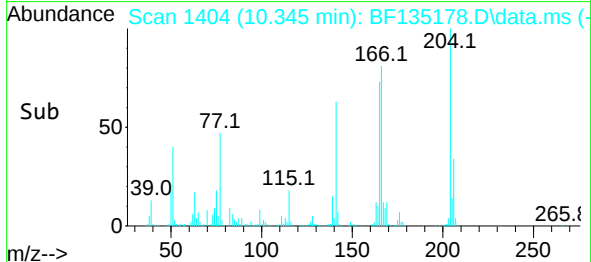
Instrument :
BNA_F
ClientSampleId :
PB155440BS



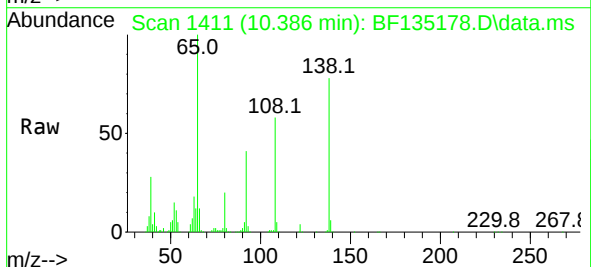
Tgt Ion:204 Resp: 296250
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 63.3 50.6 75.8

Manual Integrations
APPROVED

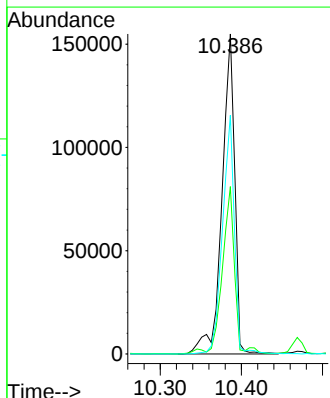
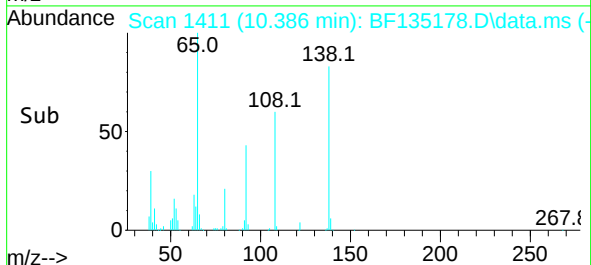
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

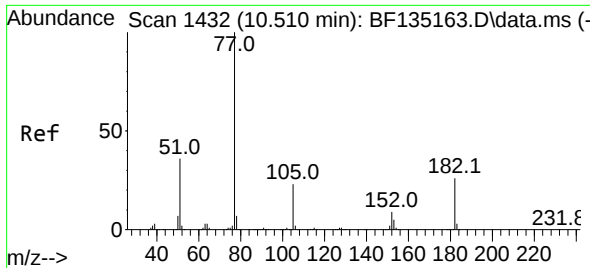


#62
4-Nitroaniline
Concen: 46.143 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



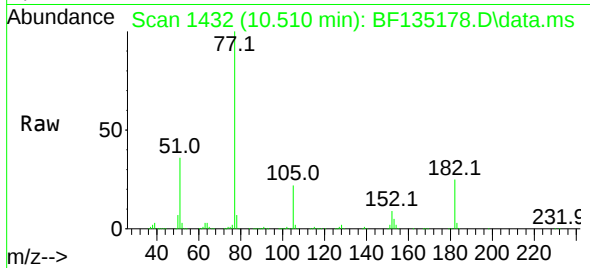
Tgt Ion:138 Resp: 169751
Ion Ratio Lower Upper
138 100
92 52.3 31.8 71.8
108 74.6 52.0 92.0





#63
Azobenzene
Concen: 45.254 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

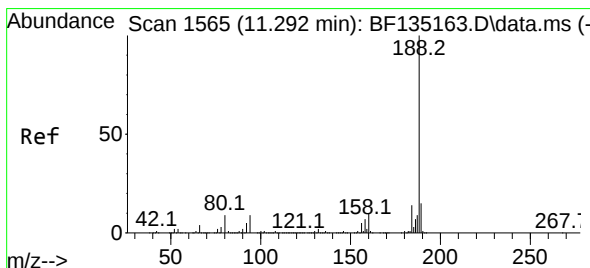
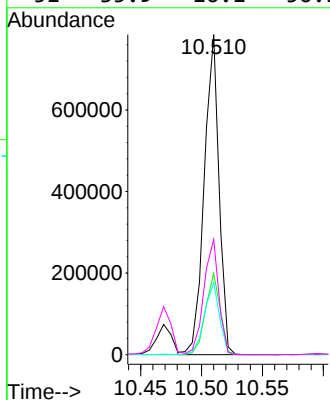
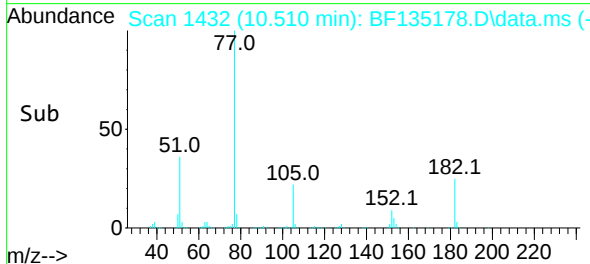
Instrument :
BNA_F
ClientSampleId :
PB155440BS



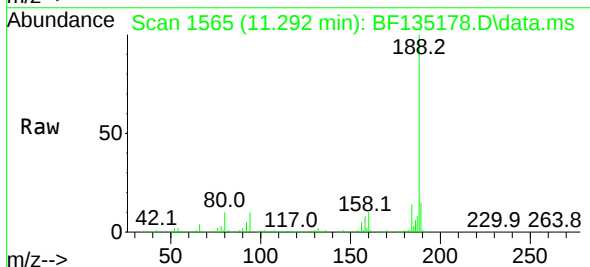
Tgt Ion: 77 Resp: 66153
Ion Ratio Lower Upper
77 100
182 25.4 6.4 46.4
105 22.5 3.1 43.1
51 35.9 16.1 56.1

Manual Integrations
APPROVED

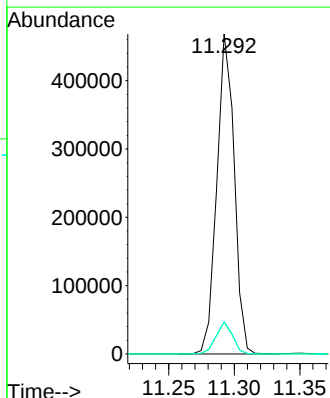
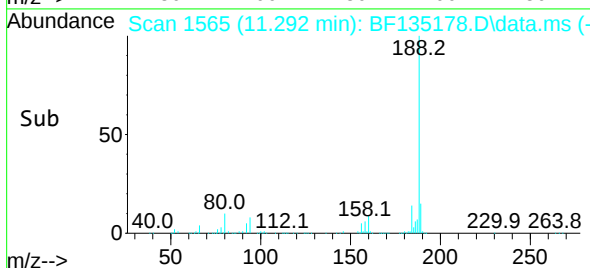
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

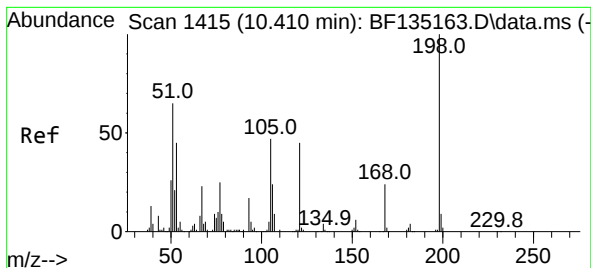


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



Tgt Ion:188 Resp: 430396
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.1 7.5 11.3





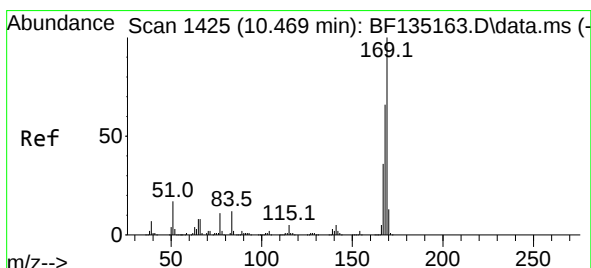
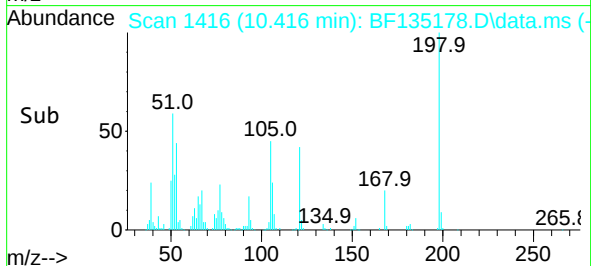
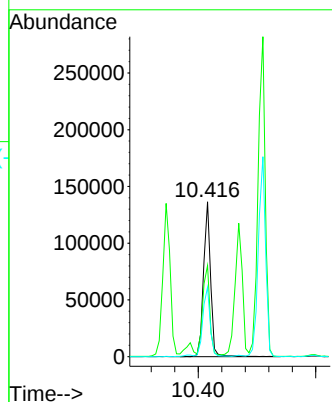
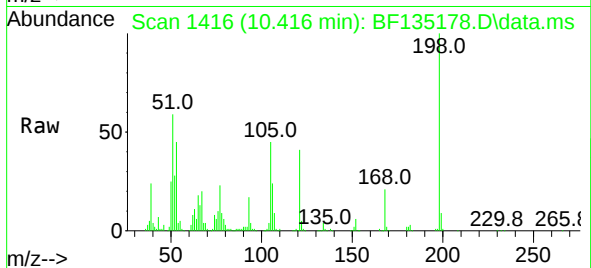
#65
4,6-Dinitro-2-methylphenol
Concen: 49.647 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :
BNA_F
ClientSampleId :
PB155440BS

Tgt Ion:198 Resp: 113492
Ion Ratio Lower Upper
198 100
51 58.9 47.7 87.7
105 44.9 27.4 67.4

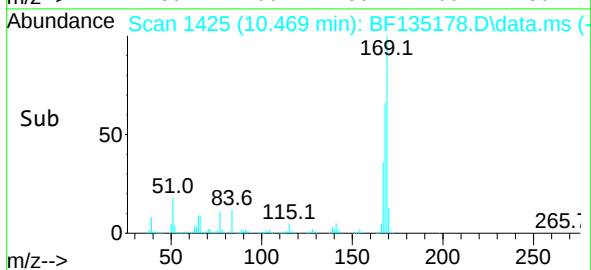
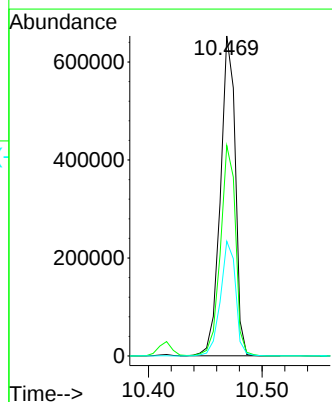
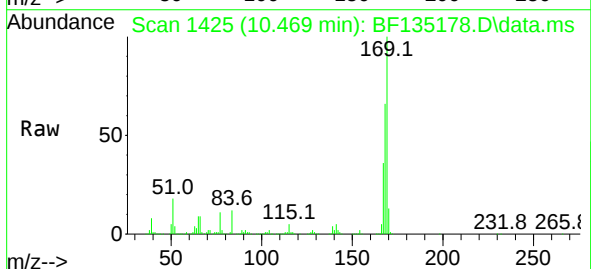
Manual Integrations
APPROVED

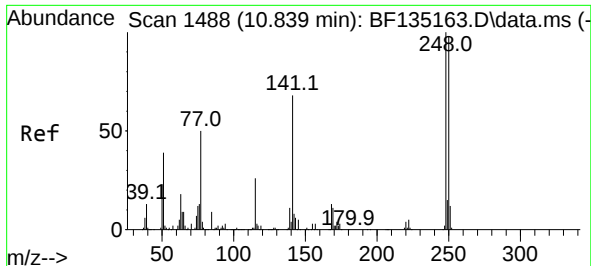
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#66
n-Nitrosodiphenylamine
Concen: 45.789 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Tgt Ion:169 Resp: 596639
Ion Ratio Lower Upper
169 100
168 65.8 52.8 79.2
167 35.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.560 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

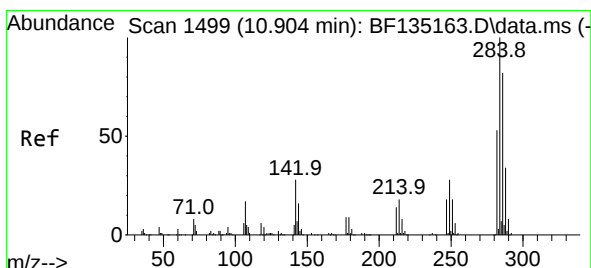
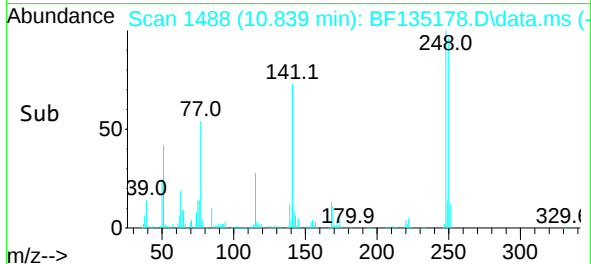
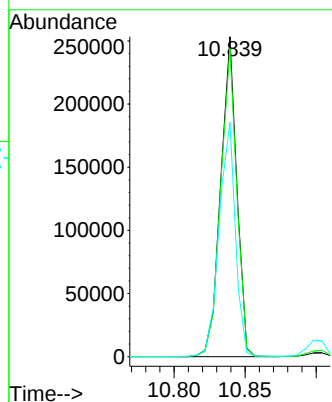
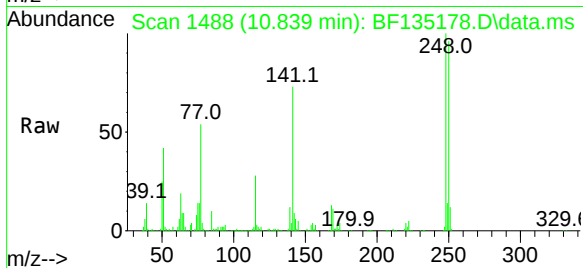
PB155440BS

Tgt Ion:248 Resp: 199304
Ion Ratio Lower Upper
248 100
250 96.3 78.6 117.8
141 73.3 54.2 81.2

Manual Integrations

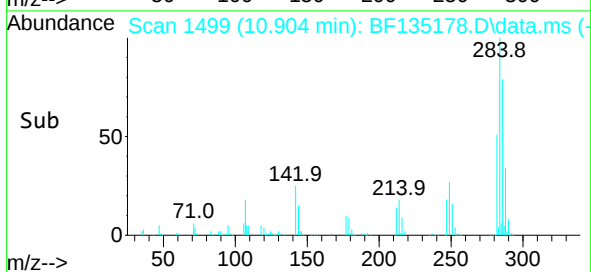
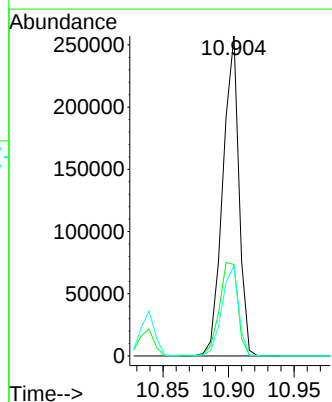
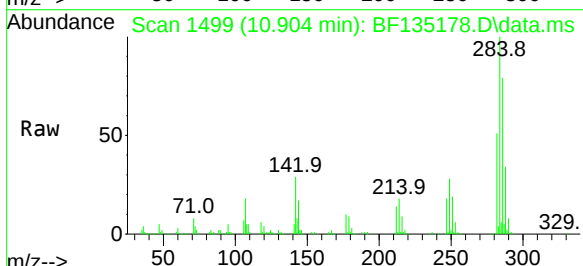
APPROVED

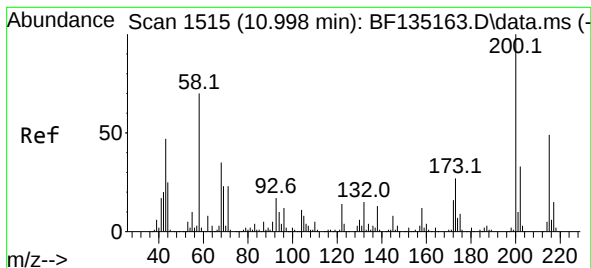
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#68
Hexachlorobenzene
Concen: 50.210 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Tgt Ion:284 Resp: 218965
Ion Ratio Lower Upper
284 100
142 28.6 22.2 33.4
249 28.2 22.5 33.7





#69

Atrazine

Concen: 55.829 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135178.D

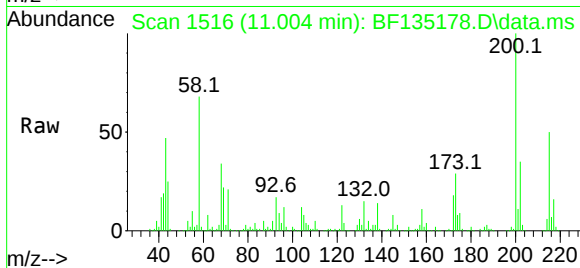
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS



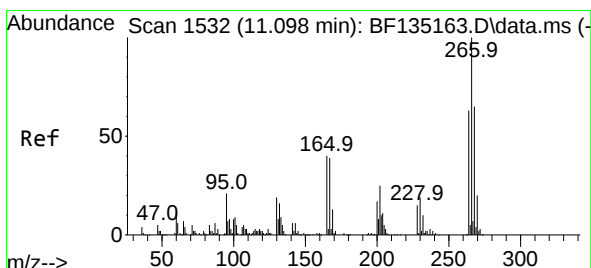
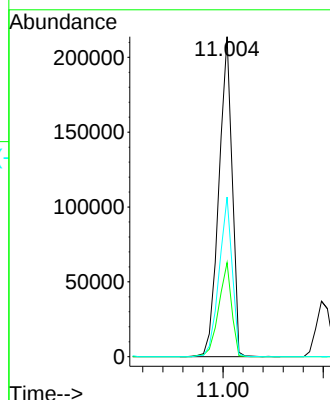
Tgt Ion:200	Resp: 19573
Ion Ratio	Lower Upper
200 100	
173 29.4	7.4 47.4
215 49.9	28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#70

Pentachlorophenol

Concen: 88.162 ng

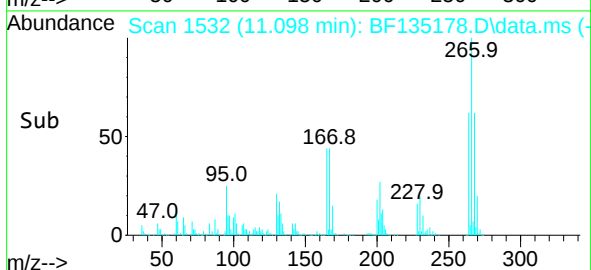
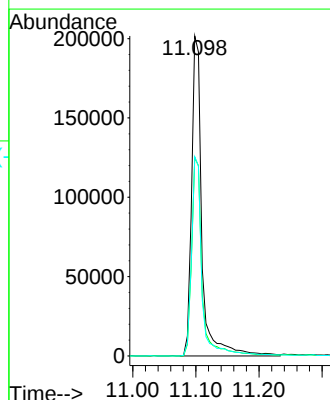
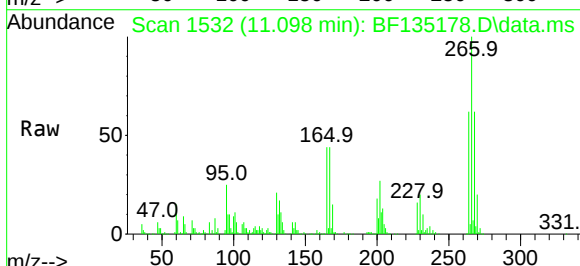
RT: 11.098 min Scan# 1532

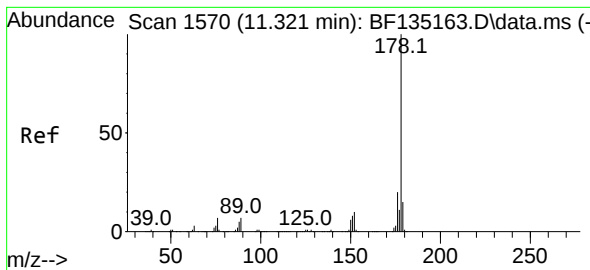
Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Tgt Ion:266	Resp: 230028
Ion Ratio	Lower Upper
266 100	
268 62.0	52.1 78.1
264 62.2	50.8 76.2





#71

Phenanthrene

Concen: 46.892 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS

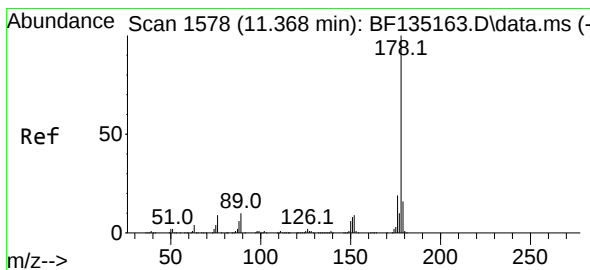
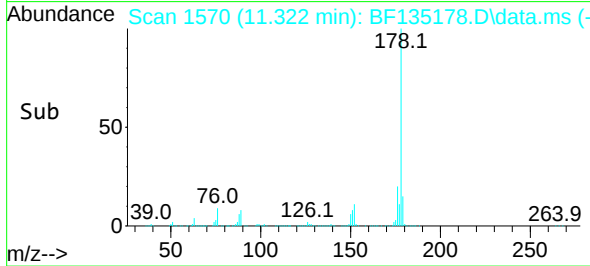
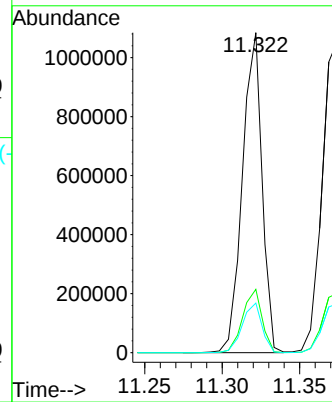
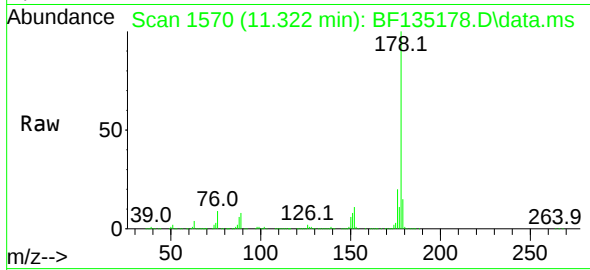
Tgt Ion:178	Resp: 954529
Ion Ratio	Lower Upper
178	100
176	19.8 15.6 23.4
179	15.5 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#72

Anthracene

Concen: 47.260 ng

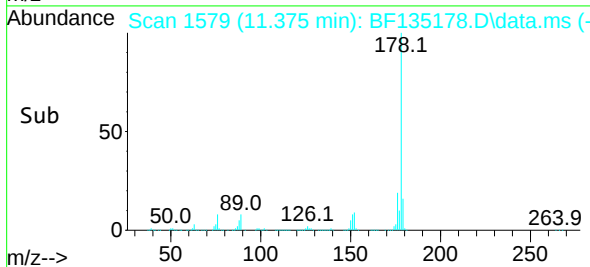
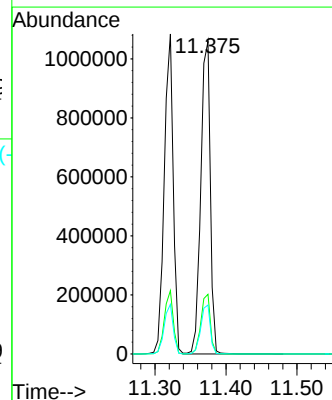
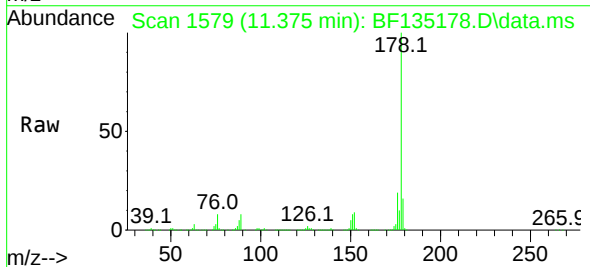
RT: 11.375 min Scan# 1579

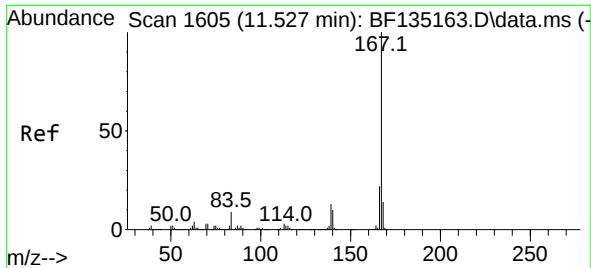
Delta R.T. 0.006 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

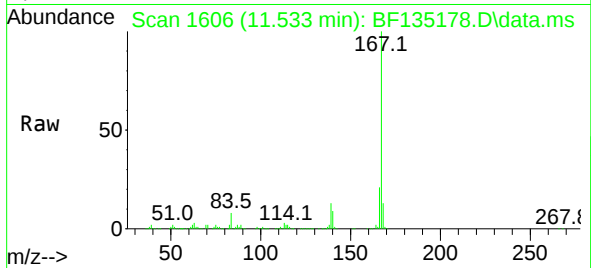
Tgt Ion:178	Resp: 988852
Ion Ratio	Lower Upper
178	100
176	19.1 15.4 23.2
179	15.7 12.6 19.0





#73
Carbazole
Concen: 48.712 ng
RT: 11.533 min Scan# 1605
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

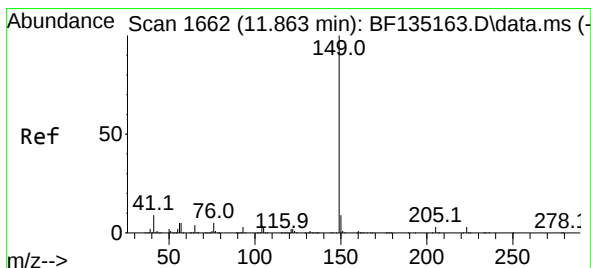
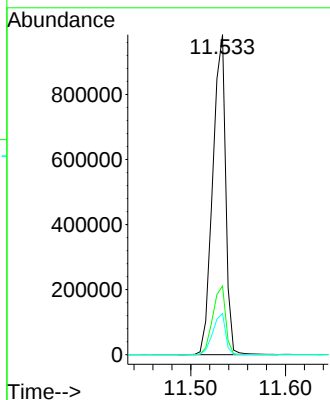
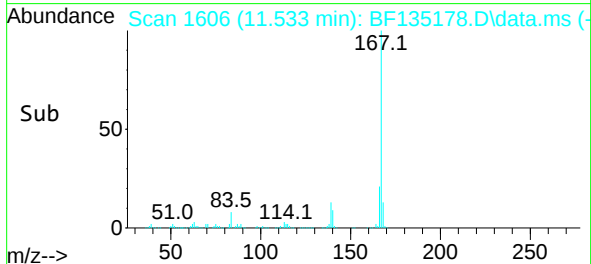
Instrument :
BNA_F
ClientSampleId :
PB155440BS



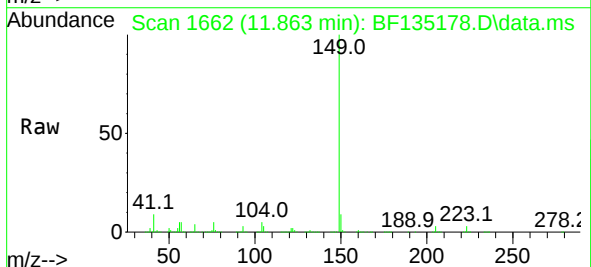
Tgt Ion:167 Resp: 927834
Ion Ratio Lower Upper
167 100
166 21.4 17.4 26.0
139 12.9 10.6 15.8

Manual Integrations
APPROVED

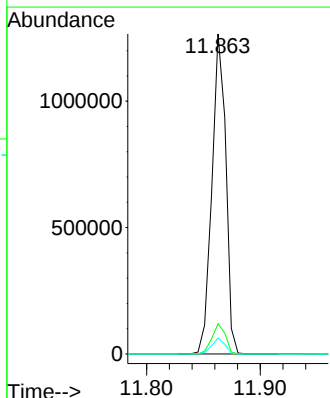
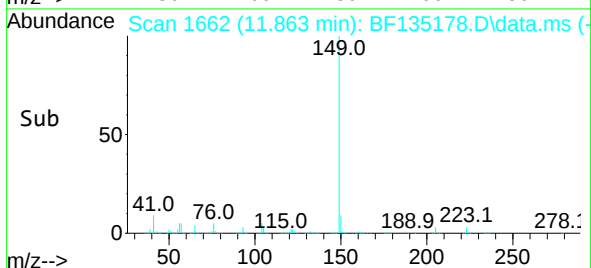
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

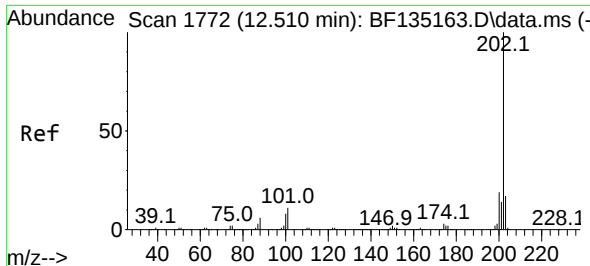


#74
Di-n-butylphthalate
Concen: 47.866 ng
RT: 11.863 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



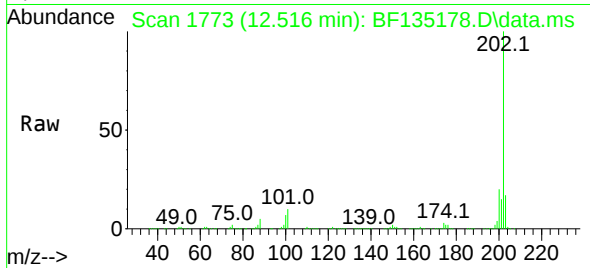
Tgt Ion:149 Resp: 1074318
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.0 3.6 5.4





#75
Fluoranthene
Concen: 46.812 ng
RT: 12.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

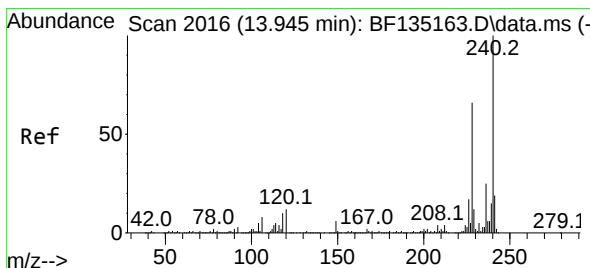
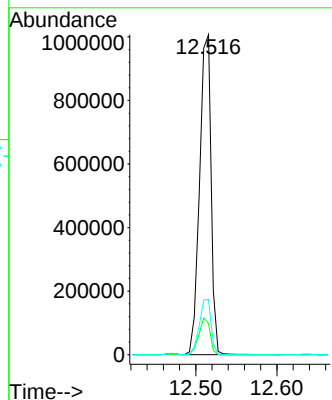
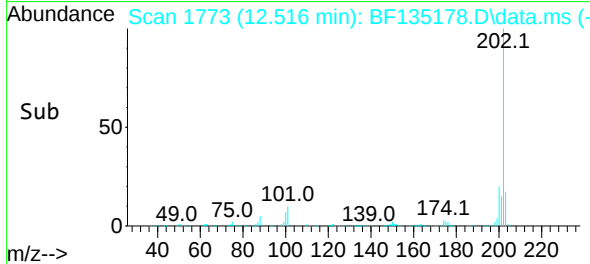
Instrument :
BNA_F
ClientSampleId :
PB155440BS



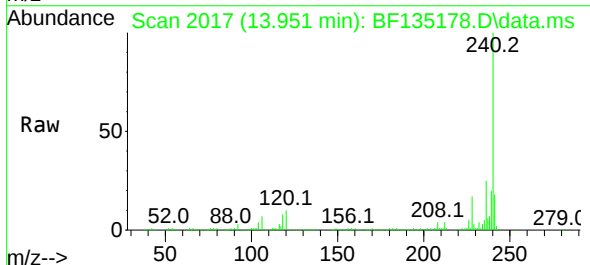
Tgt Ion:202 Resp: 992919
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.3
203 17.3 0.0 37.4

Manual Integrations
APPROVED

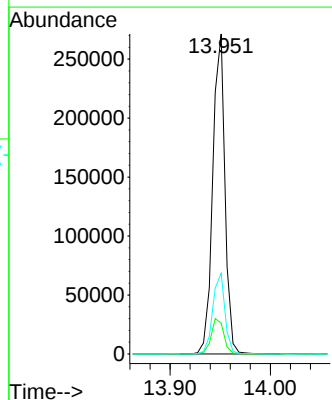
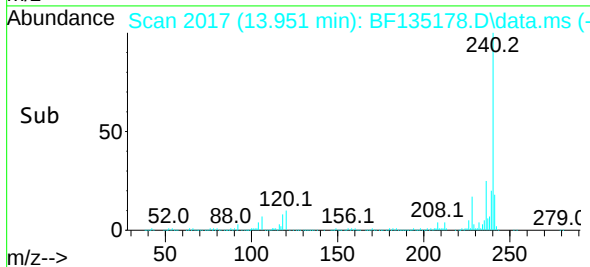
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

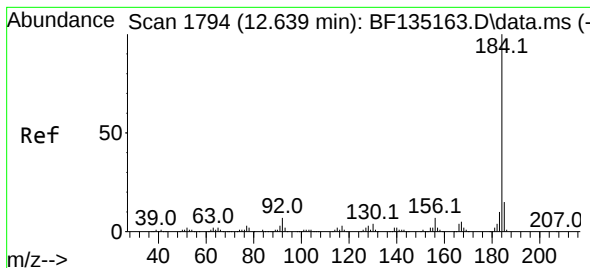


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



Tgt Ion:240 Resp: 228505
Ion Ratio Lower Upper
240 100
120 9.6 9.4 14.2
236 25.2 19.8 29.8





#77

Benzidine

Concen: 63.785 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135178.D

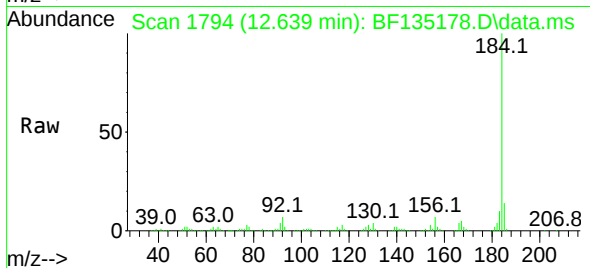
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS



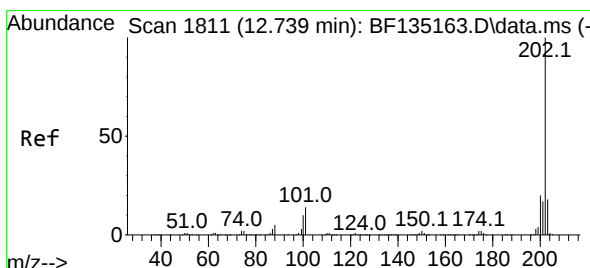
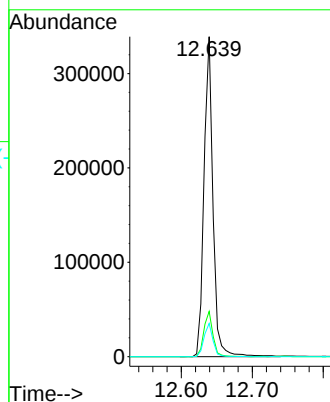
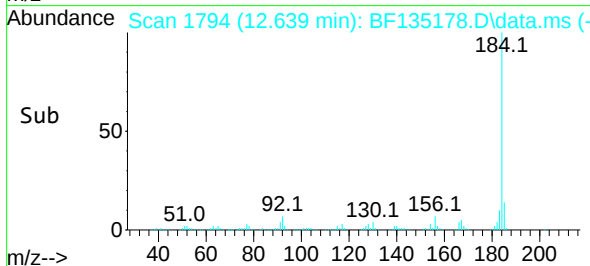
Tgt Ion:	184	Resp:	298598
Ion Ratio	100	Lower	Upper
184	100		
185	14.1	11.7	17.5
183	10.4	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#78

Pyrene

Concen: 46.365 ng

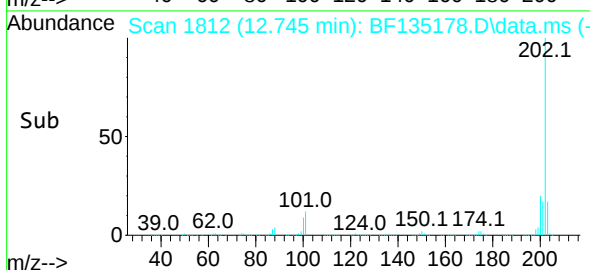
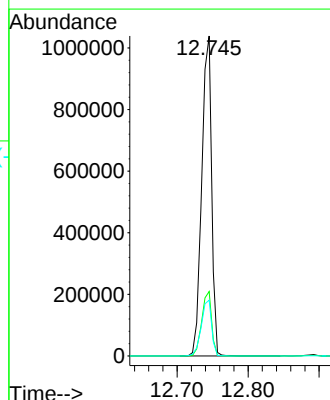
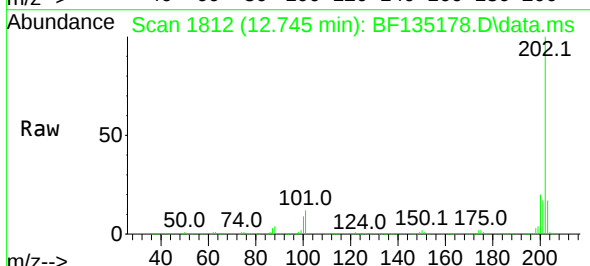
RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Tgt Ion:	202	Resp:	1008684
Ion Ratio	100	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.5	14.2	21.4





#79

Terphenyl-d14

Concen: 89.257 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135178.D

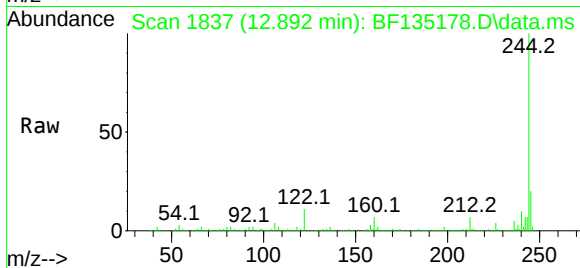
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS



Tgt Ion:244 Resp: 1315689

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

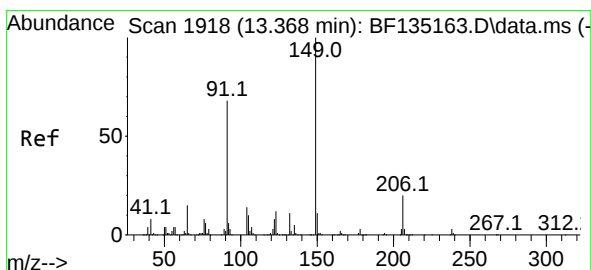
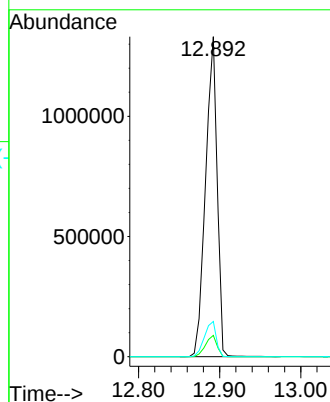
122 11.0 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#80

Butylbenzylphthalate

Concen: 49.736 ng

RT: 13.369 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

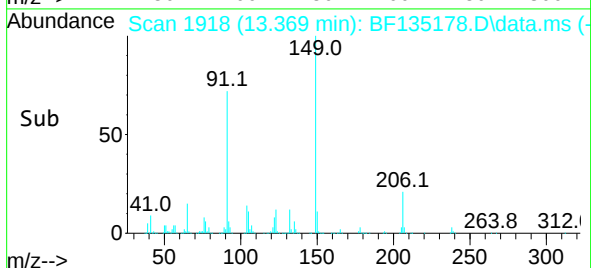
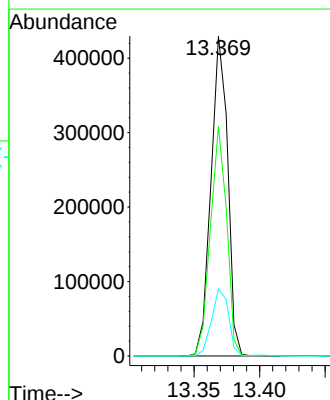
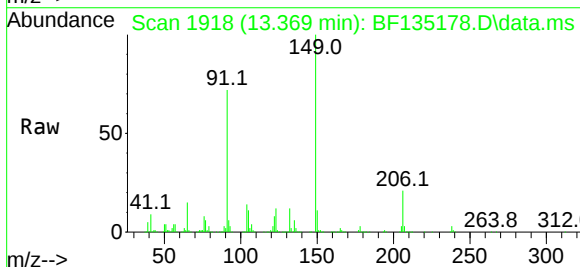
Tgt Ion:149 Resp: 380961

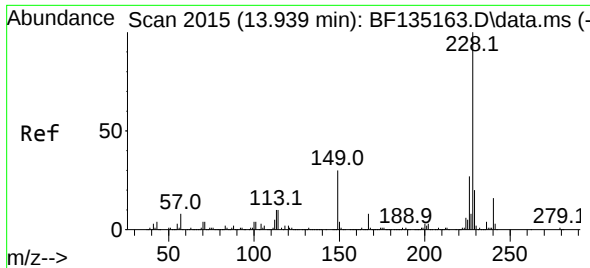
Ion Ratio Lower Upper

149 100

91 71.8 54.7 82.1

206 20.9 16.3 24.5





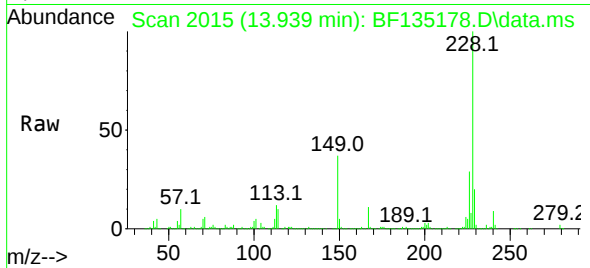
#81
Benzo(a)anthracene
Concen: 46.928 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

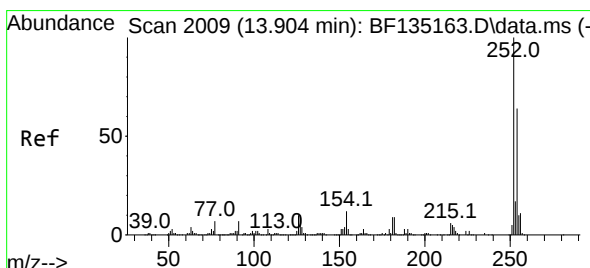
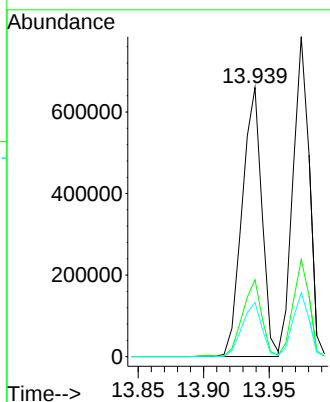
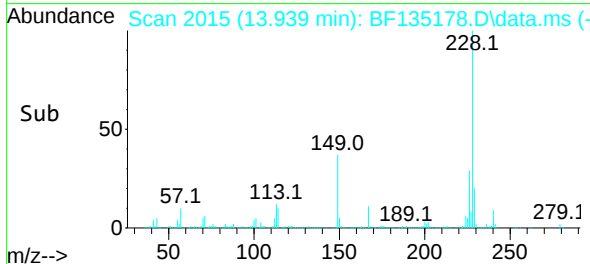
PB155440BS



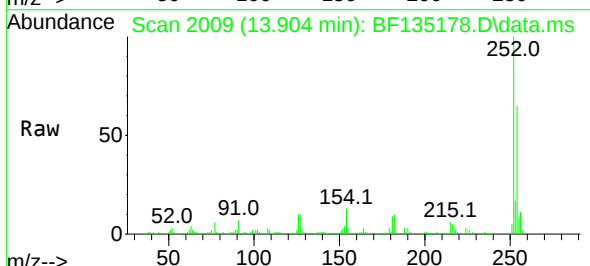
Tgt Ion:228 Resp: 692434
Ion Ratio Lower Upper
228 100
226 28.6 21.7 32.5
229 20.2 15.8 23.8

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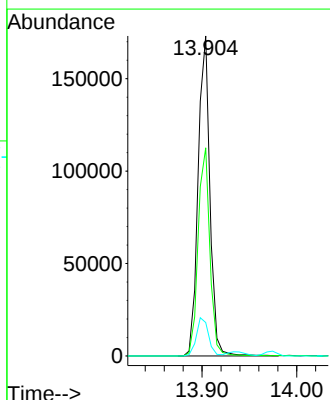
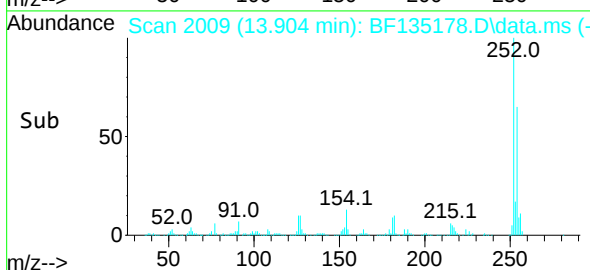
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

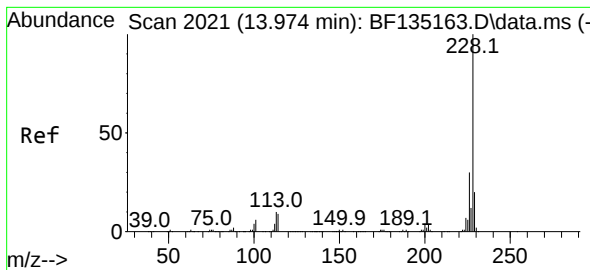


#82
3,3'-Dichlorobenzidine
Concen: 32.711 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



Tgt Ion:252 Resp: 150758
Ion Ratio Lower Upper
252 100
254 65.1 51.0 76.4
126 10.5 7.8 11.8





#83

Chrysene

Concen: 46.379 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS

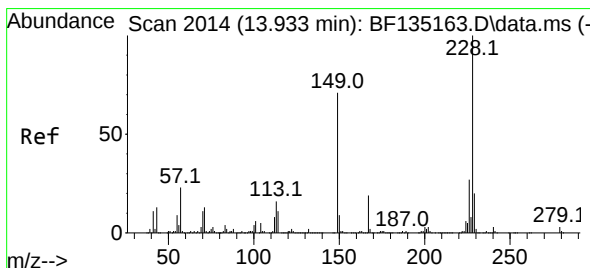
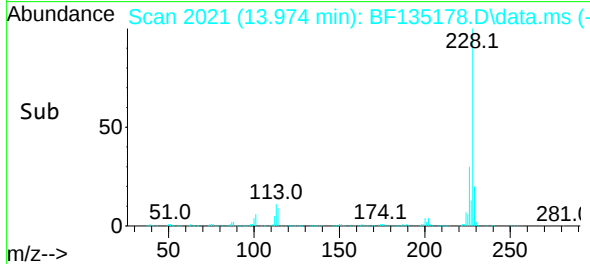
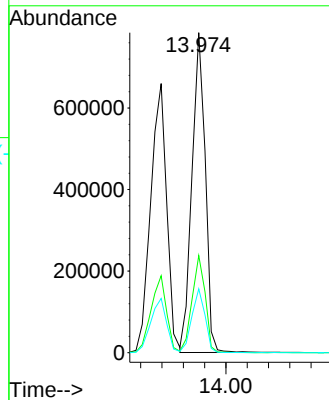
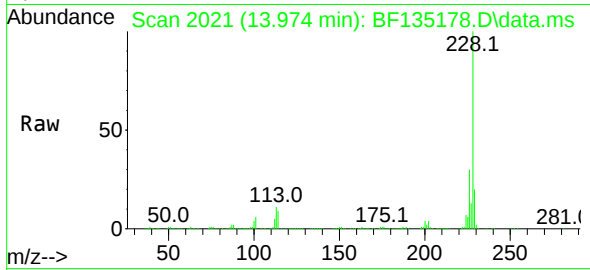
Tgt Ion:228 Resp: 680379
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.3 36.5
 229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.352 ng

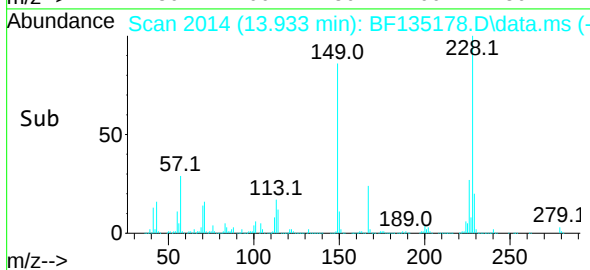
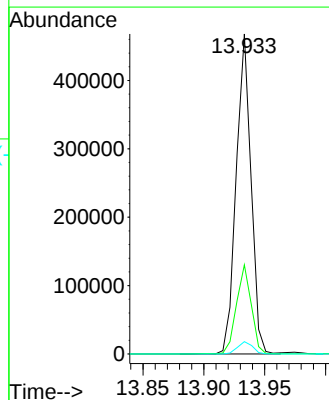
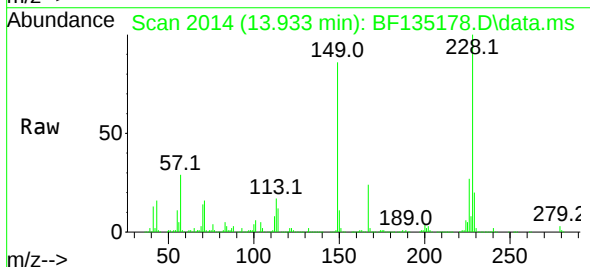
RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Tgt Ion:149 Resp: 395774
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.9 32.9
 279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 50.637 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS

Tgt Ion:149 Resp: 632530

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

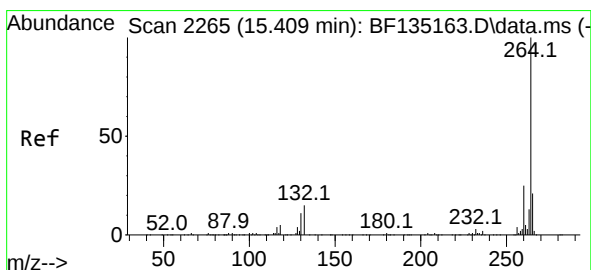
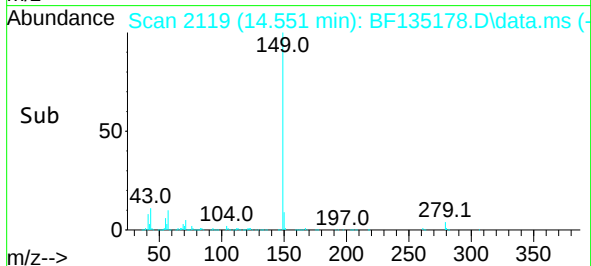
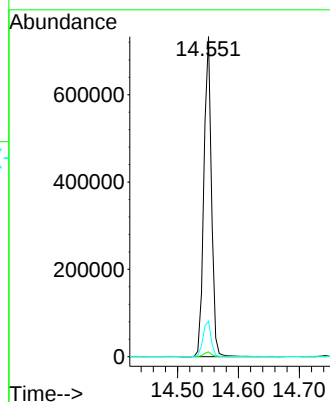
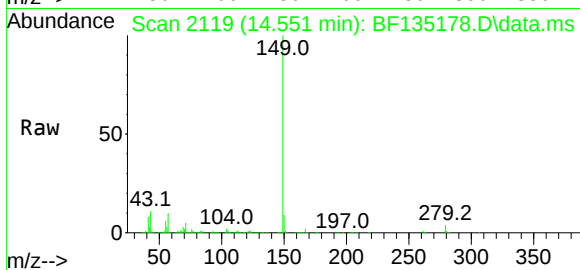
43 11.7 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

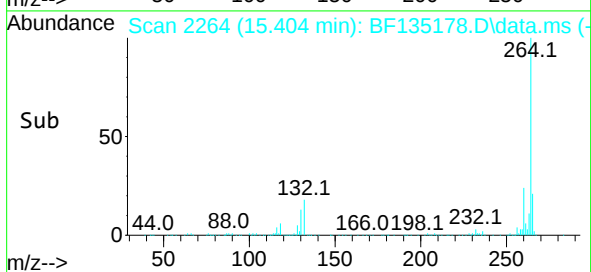
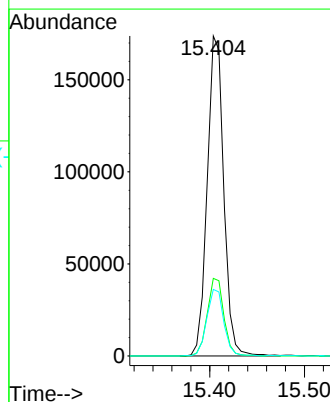
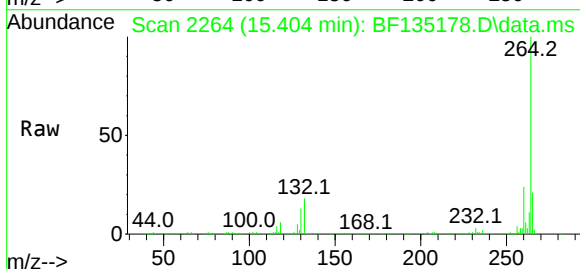
Tgt Ion:264 Resp: 210344

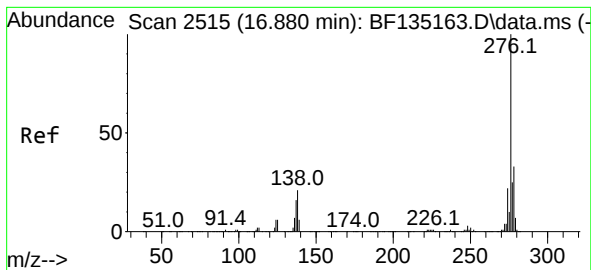
Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.955 ng

RT: 16.886 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS

Tgt Ion:276 Resp: 702749

Ion Ratio Lower Upper

276 100

138 24.1 19.2 28.8

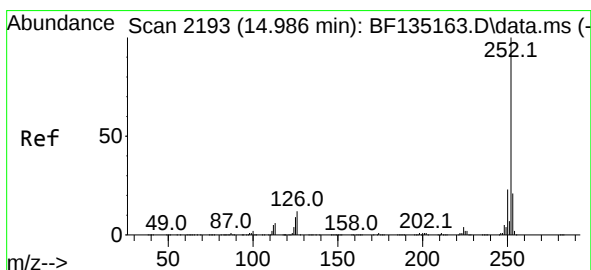
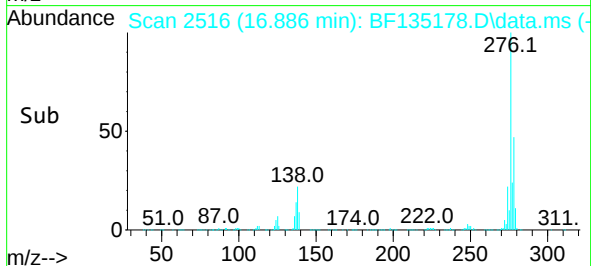
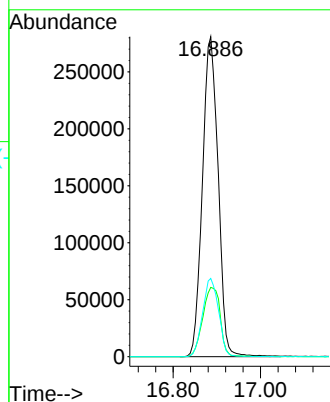
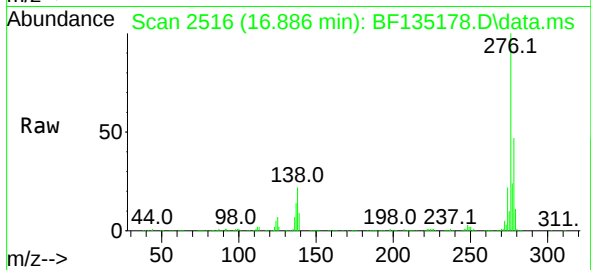
277 25.0 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#88

Benzo(b)fluoranthene

Concen: 51.696 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

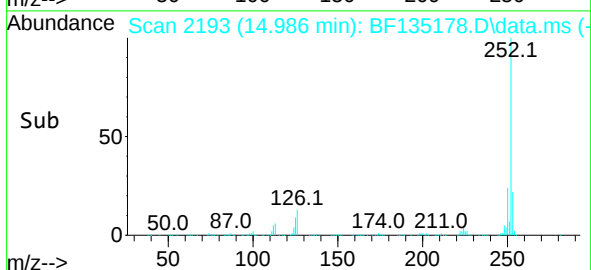
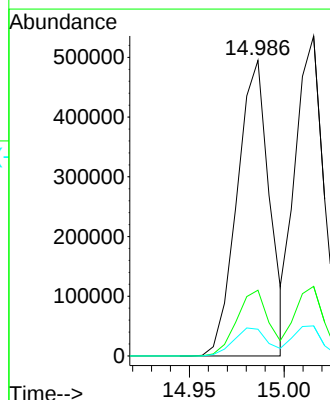
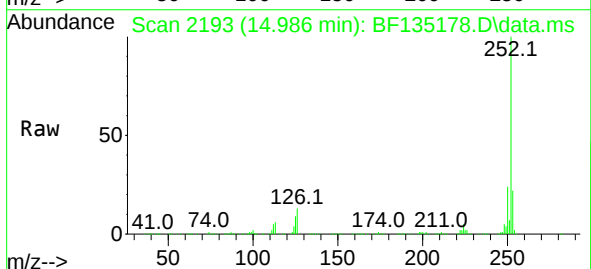
Tgt Ion:252 Resp: 588651

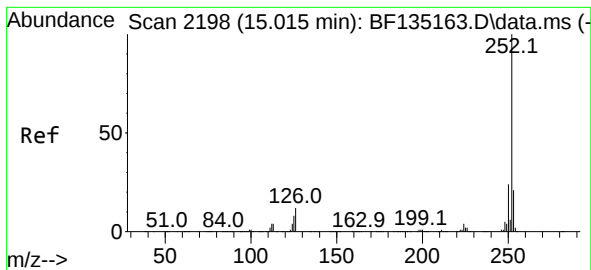
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 9.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 49.934 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

Instrument :

BNA_F

ClientSampleId :

PB155440BS

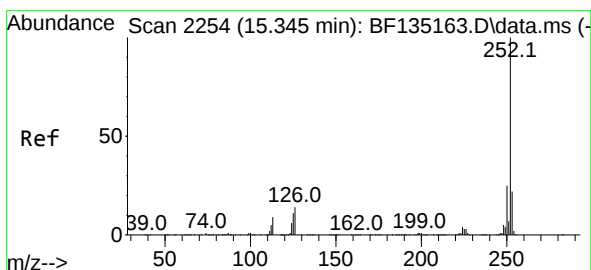
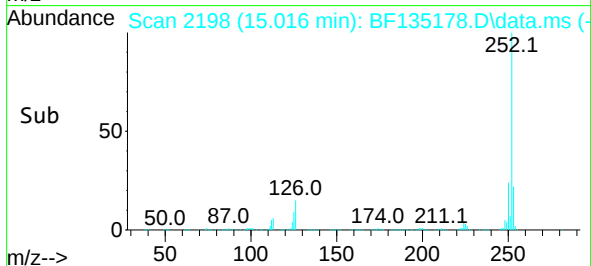
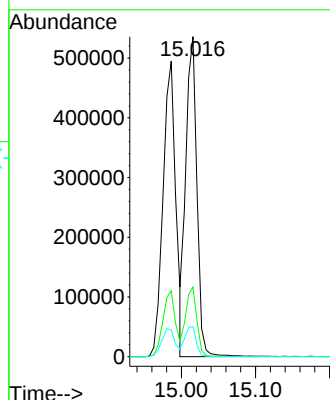
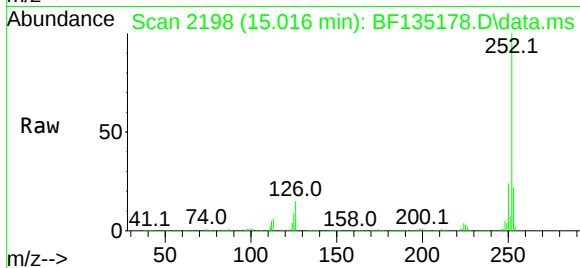
Tgt Ion:252 Resp: 56165
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.0
 125 9.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#90

Benzo(a)pyrene

Concen: 47.815 ng

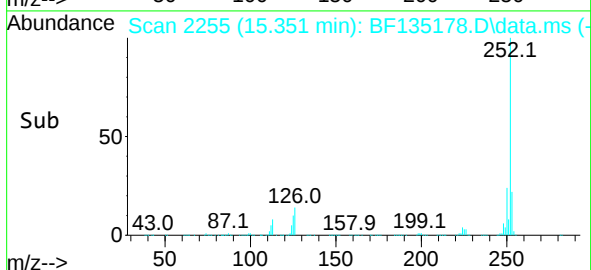
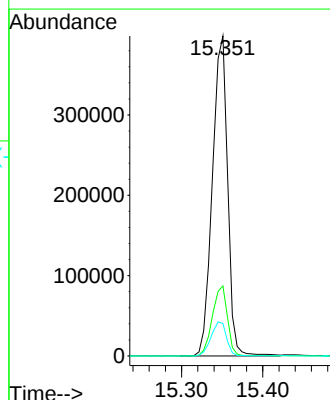
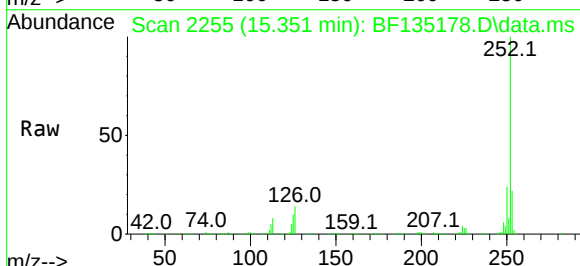
RT: 15.351 min Scan# 2255

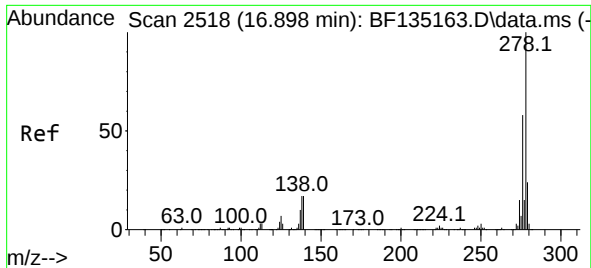
Delta R.T. 0.006 min

Lab File: BF135178.D

Acq: 12 Sep 2023 13:09

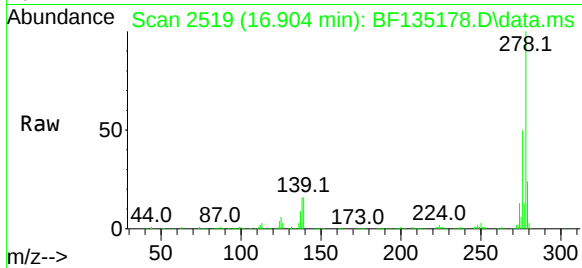
Tgt Ion:252 Resp: 519213
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 10.2 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 50.220 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09

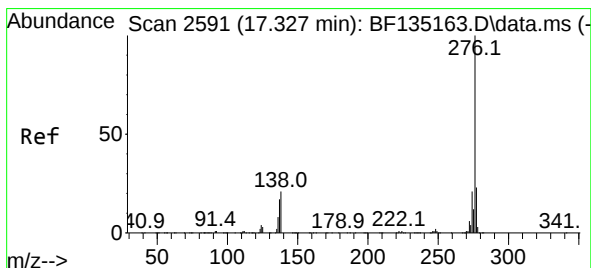
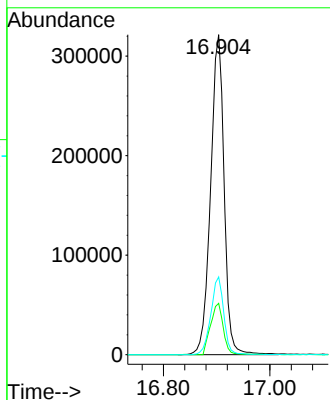
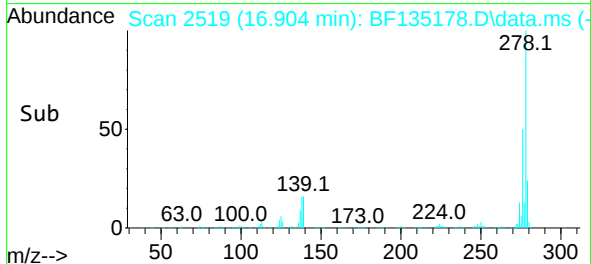
Instrument :
BNA_F
ClientSampleId :
PB155440BS



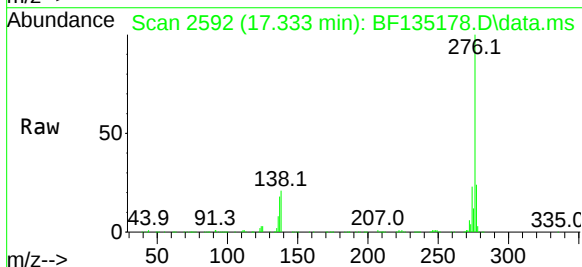
Tgt Ion:278 Resp: 566702
Ion Ratio Lower Upper
278 100
139 16.0 13.4 20.0
279 24.3 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 51.022 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF135178.D
Acq: 12 Sep 2023 13:09



Tgt Ion:276 Resp: 601297
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 21.3 16.9 25.3

