

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135259.D
 Acq On : 14 Sep 2023 17:54
 Operator : CG\JU
 Sample : 04256-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:24:34 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	122231	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	461799	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	223050	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	404631	20.000	ng	0.00
76) Chrysene-d12	13.951	240	191629	20.000	ng	0.00
86) Perylene-d12	15.409	264	221481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	715884	95.258	ng	0.02
7) Phenol-d6	6.410	99	943498	98.733	ng	0.00
23) Nitrobenzene-d5	7.328	82	596275	70.150	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	238859	107.760	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1044426	70.646	ng	0.00
79) Terphenyl-d14	12.886	244	930172	75.247	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	127487	38.697	ng	99
3) Pyridine	3.322	79	304266	34.315	ng	95
4) n-Nitrosodimethylamine	3.287	42	197742	42.026	ng	98
6) Aniline	6.428	93	358319	28.594	ng	# 56
8) 2-Chlorophenol	6.551	128	370597	46.194	ng	96
9) Benzaldehyde	6.316	77	127059	23.340	ng	99
10) Phenol	6.422	94	433461	41.366	ng	90
11) bis(2-Chloroethyl)ether	6.504	93	352325	44.825	ng	99
12) 1,3-Dichlorobenzene	6.704	146	368800	45.234	ng	98
13) 1,4-Dichlorobenzene	6.781	146	373741	45.056	ng	100
14) 1,2-Dichlorobenzene	6.928	146	353940	45.946	ng	99
15) Benzyl Alcohol	6.910	79	314176	45.816	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	659836	44.537	ng	96
17) 2-Methylphenol	7.028	107	290052	40.970	ng	94
18) Hexachloroethane	7.269	117	142316	46.433	ng	93
19) n-Nitroso-di-n-propyla...	7.181	70	244560	41.318	ng	97
20) 3+4-Methylphenols	7.181	107	339671	39.901	ng	# 89
22) Acetophenone	7.175	105	480799	45.539	ng	100
24) Nitrobenzene	7.345	77	387330	46.103	ng	99
25) Isophorone	7.586	82	709788	45.475	ng	99
26) 2-Nitrophenol	7.663	139	193566	48.005	ng	98
27) 2,4-Dimethylphenol	7.704	122	294226	43.411	ng	100
28) bis(2-Chloroethoxy)met...	7.798	93	440847	47.190	ng	99
29) 2,4-Dichlorophenol	7.904	162	294934	46.962	ng	100
30) 1,2,4-Trichlorobenzene	7.986	180	312523	47.609	ng	99
31) Naphthalene	8.063	128	1019583	45.441	ng	99
32) Benzoic acid	7.845	122	240048	47.035	ng	96
33) 4-Chloroaniline	8.116	127	226153	22.973	ng	99
34) Hexachlorobutadiene	8.175	225	188570	47.641	ng	99
35) Caprolactam	8.498	113	99499m	47.206	ng	
36) 4-Chloro-3-methylphenol	8.610	107	322090	46.144	ng	98
37) 2-Methylnaphthalene	8.757	142	646659	42.875	ng	99
38) 1-Methylnaphthalene	8.857	142	618034	43.768	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	308729	47.776	ng	99
41) Hexachlorocyclopentadiene	8.904	237	242023	84.539	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	198172	46.839	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135259.D
 Acq On : 14 Sep 2023 17:54
 Operator : CG\JU
 Sample : 04256-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-6MSD

Quant Time: Sep 15 01:24:34 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 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

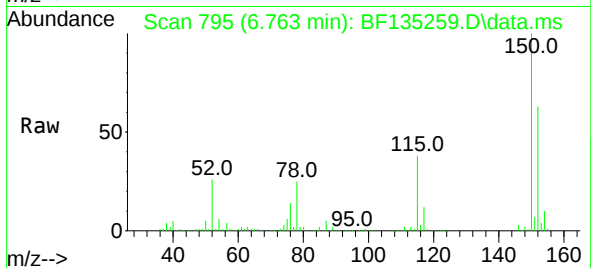
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	214245	43.971	ng	98
46) 1,1'-Biphenyl	9.222	154	783489	45.708	ng	97
47) 2-Chloronaphthalene	9.245	162	588738	47.338	ng	95
48) 2-Nitroaniline	9.351	65	221321	45.806	ng	97
49) Acenaphthylene	9.663	152	963751	46.628	ng	99
50) Dimethylphthalate	9.533	163	707065	46.886	ng	99
51) 2,6-Dinitrotoluene	9.598	165	153765	46.544	ng	88
52) Acenaphthene	9.833	154	558057	45.704	ng	97
53) 3-Nitroaniline	9.763	138	129687	33.443	ng	98
54) 2,4-Dinitrophenol	9.880	184	151812	80.873	ng	95
55) Dibenzofuran	10.010	168	819789	43.998	ng	98
56) 4-Nitrophenol	9.939	139	226667	91.969	ng	98
57) 2,4-Dinitrotoluene	10.004	165	188755	45.639	ng	90
58) Fluorene	10.351	166	648533	45.276	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	176366	47.056	ng	97
60) Diethylphthalate	10.233	149	702493	46.416	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	307434	44.680	ng	96
62) 4-Nitroaniline	10.386	138	159222	42.714	ng	98
63) Azobenzene	10.510	77	671693	45.347	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	102835	47.850	ng	87
66) n-Nitrosodiphenylamine	10.469	169	585707	47.813	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	194817	48.410	ng	98
68) Hexachlorobenzene	10.904	284	209805	51.173	ng	99
69) Atrazine	11.004	200	181840	55.167	ng	98
70) Pentachlorophenol	11.098	266	179910	73.344	ng	98
71) Phenanthrene	11.322	178	905641	47.323	ng	100
72) Anthracene	11.369	178	917419	46.638	ng	100
73) Carbazole	11.533	167	830787	46.394	ng	99
74) Di-n-butylphthalate	11.863	149	1048706	49.700	ng	99
75) Fluoranthene	12.516	202	872918	43.775	ng	97
77) Benzidine	12.639	184	181475	46.225	ng	97
78) Pyrene	12.739	202	866460	47.491	ng	100
80) Butylbenzylphthalate	13.368	149	337711	52.573	ng	95
81) Benzo(a)anthracene	13.939	228	569236	46.003	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	163165	42.215	ng	98
83) Chrysene	13.974	228	564287	45.867	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	400553	60.766	ng	99
85) Di-n-octyl phthalate	14.551	149	653686	62.401	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	699005	48.135	ng	99
88) Benzo(b)fluoranthene	14.986	252	574044	47.879	ng	98
89) Benzo(k)fluoranthene	15.015	252	497998	42.048	ng	99
90) Benzo(a)pyrene	15.351	252	497337	43.498	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	569818	47.957	ng	97
92) Benzo(g,h,i)perylene	17.345	276	567868	45.762	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: BF135259.D
Acq: 14 Sep 2023 17:54

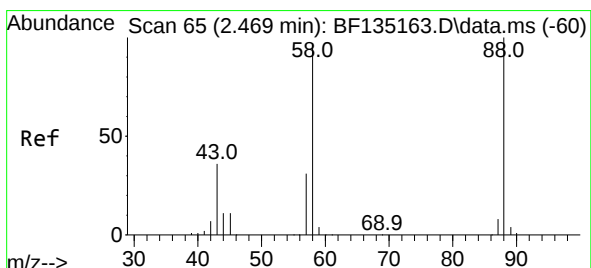
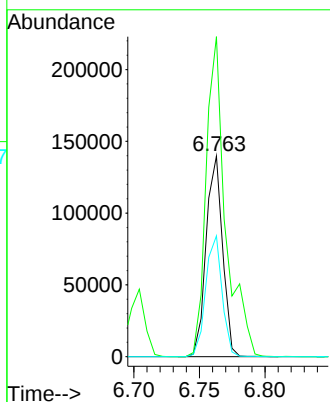
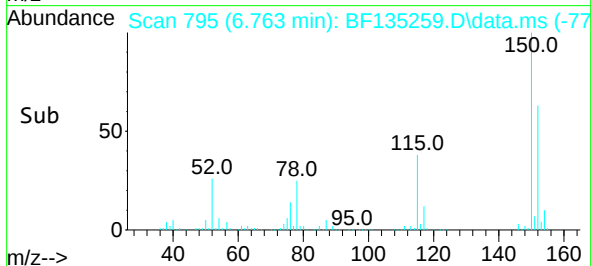
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



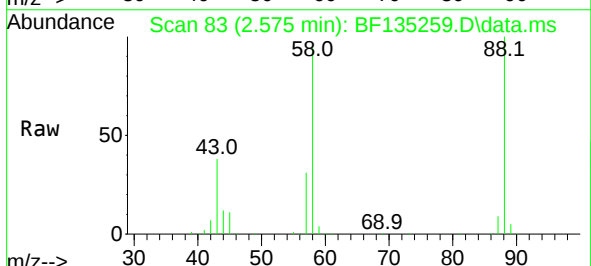
Tgt Ion:152 Resp: 12223
Ion Ratio Lower Upper
152 100
150 159.5 127.8 191.6
115 60.2 49.8 74.8

Manual Integrations
APPROVED

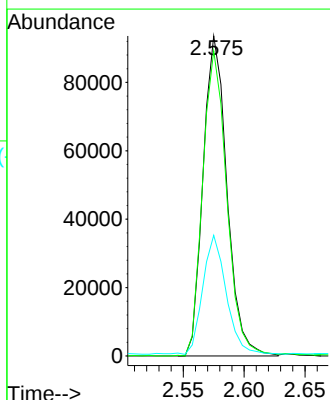
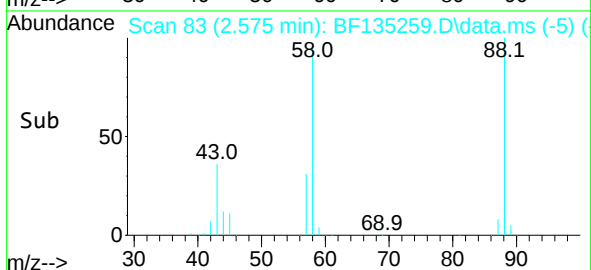
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#2
1,4-Dioxane
Concen: 38.697 ng
RT: 2.575 min Scan# 83
Delta R.T. 0.106 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54



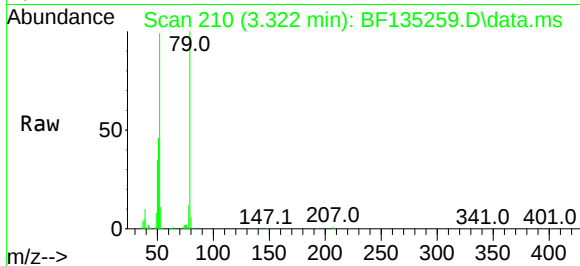
Tgt Ion: 88 Resp: 127487
Ion Ratio Lower Upper
88 100
58 97.3 78.3 117.5
43 36.4 29.4 44.0





#3
Pyridine
Concen: 34.315 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.106 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

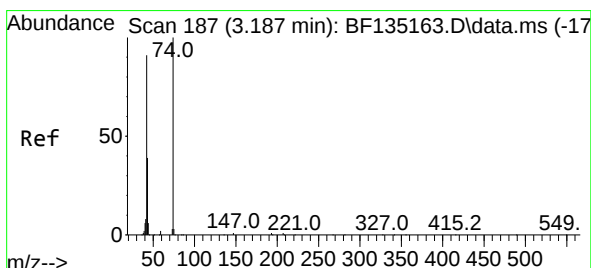
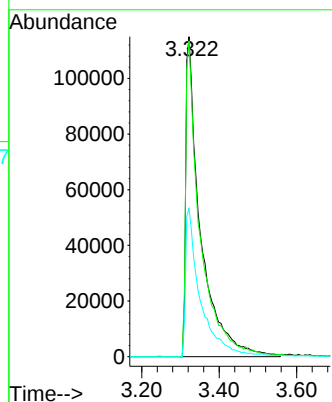
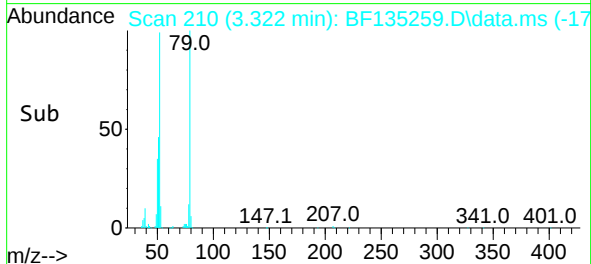
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



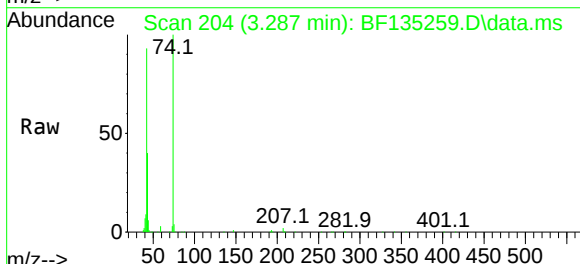
Tgt Ion: 79 Resp: 304260
Ion Ratio Lower Upper
79 100
52 98.7 74.1 111.1
51 46.3 35.8 53.8

Manual Integrations
APPROVED

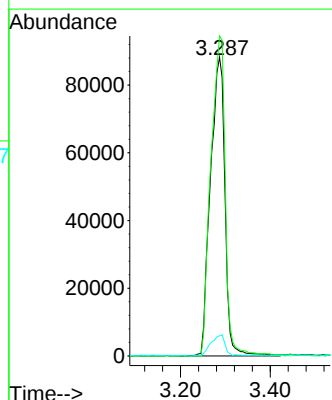
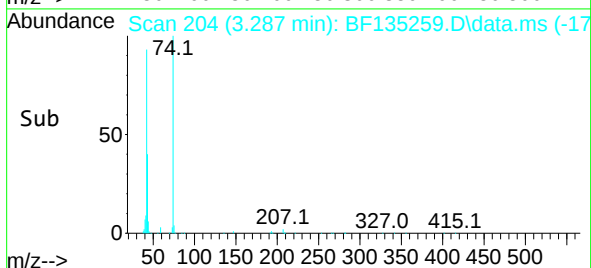
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

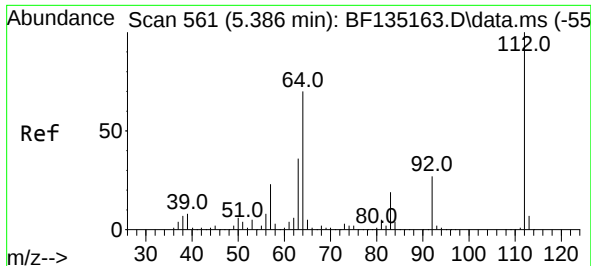


#4
n-Nitrosodimethylamine
Concen: 42.026 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.100 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54



Tgt Ion: 42 Resp: 197742
Ion Ratio Lower Upper
42 100
74 107.0 87.7 131.5
44 6.8 5.6 8.4





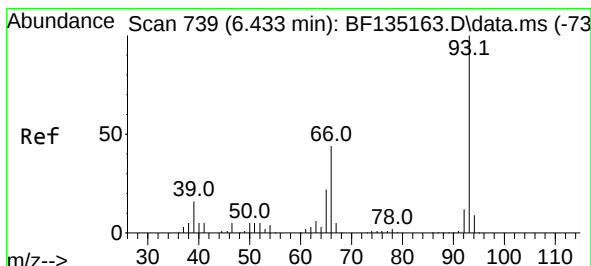
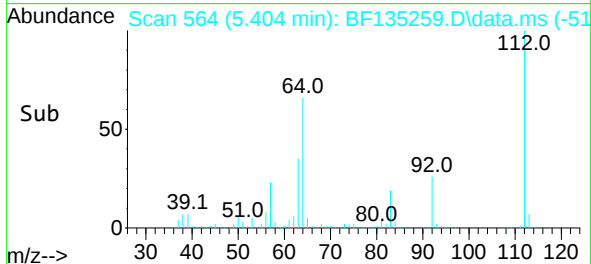
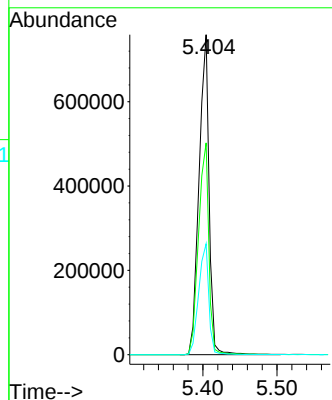
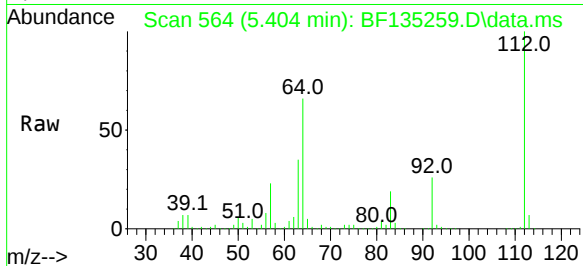
#5
2-Fluorophenol
Concen: 95.258 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD

Tgt Ion:112 Resp: 715884
Ion Ratio Lower Upper
112 100
64 66.2 55.9 83.9
63 34.7 29.0 43.6

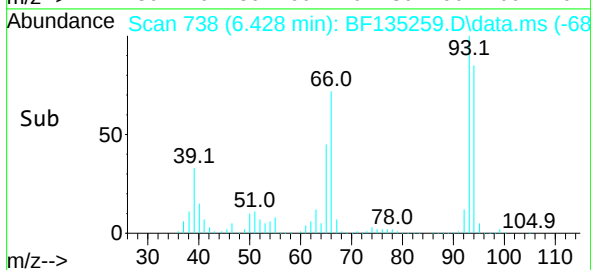
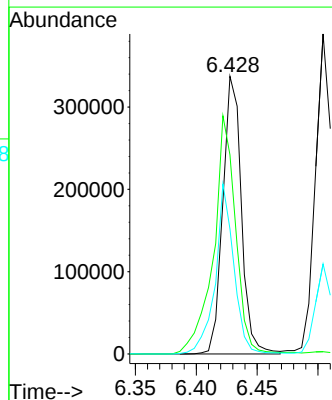
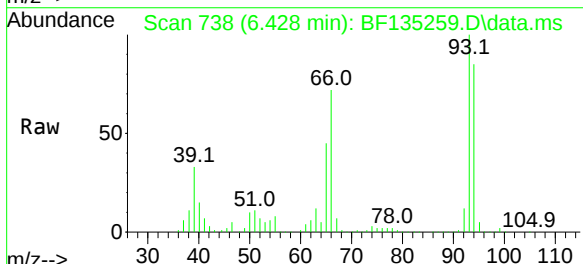
Manual Integrations
APPROVED

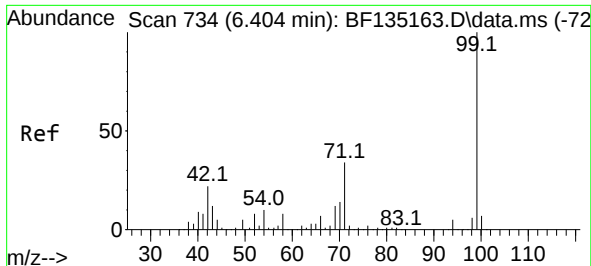
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#6
Aniline
Concen: 28.594 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Tgt Ion: 93 Resp: 358319
Ion Ratio Lower Upper
93 100
66 71.7 35.4 53.0#
65 45.0 17.8 26.8#





#7

Phenol-d6

Concen: 98.733 ng

RT: 6.410 min Scan# 710

Delta R.T. 0.006 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

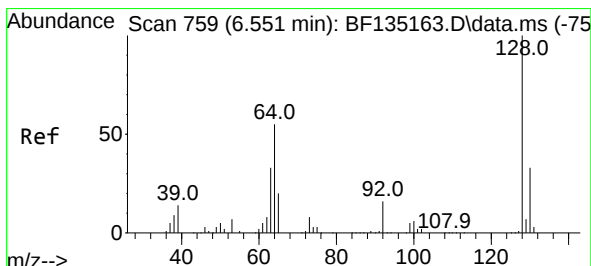
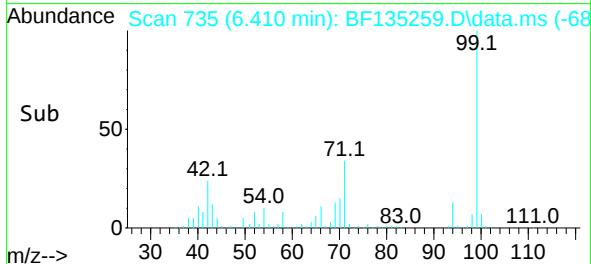
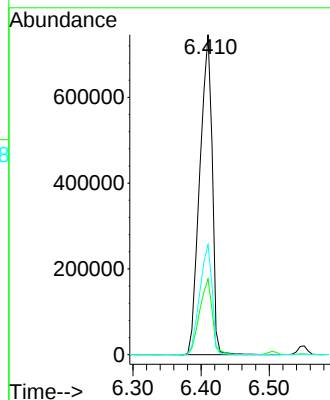
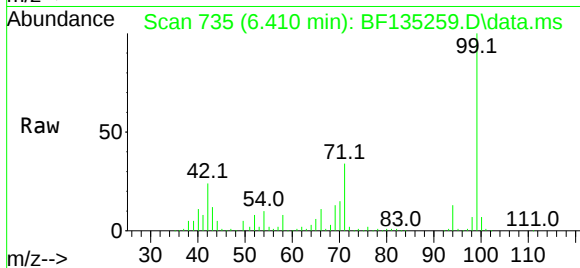
MW-4-6MSD

Tgt Ion: 99 Resp: 943498
 Ion Ratio Lower Upper
 99 100
 42 23.6 17.9 26.9
 71 34.4 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023



#8

2-Chlorophenol

Concen: 46.194 ng

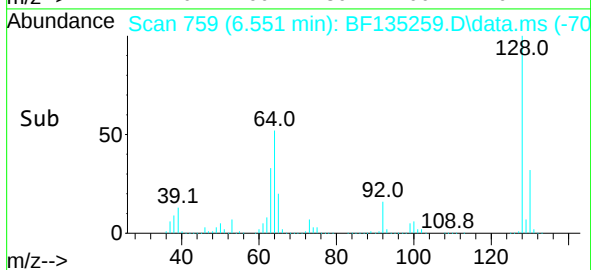
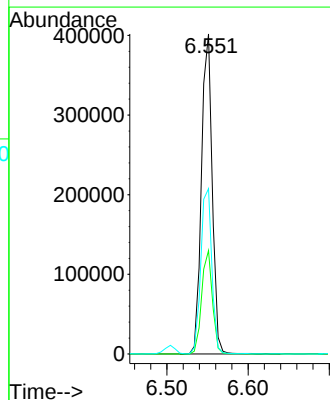
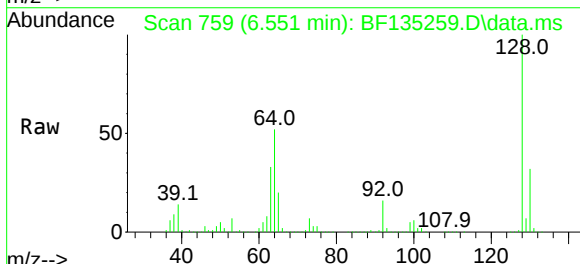
RT: 6.551 min Scan# 759

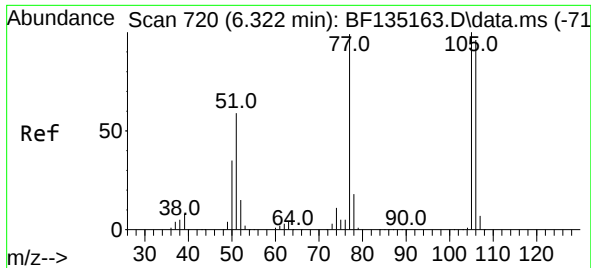
Delta R.T. 0.000 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Tgt Ion:128 Resp: 370597
 Ion Ratio Lower Upper
 128 100
 130 32.3 12.7 52.7
 64 51.6 35.9 75.9





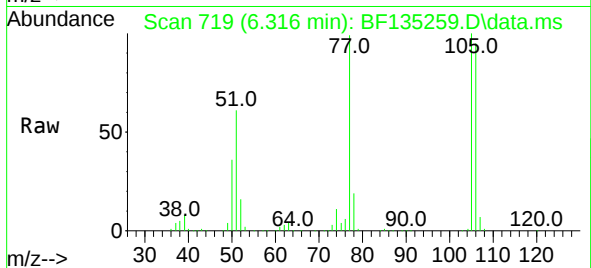
#9
Benzaldehyde
Concen: 23.340 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

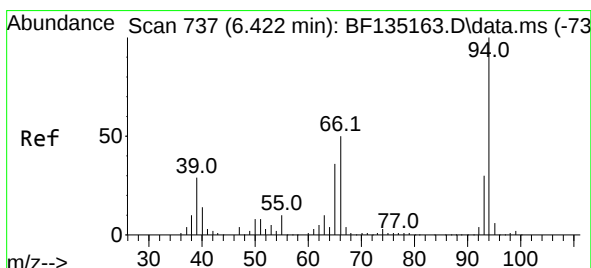
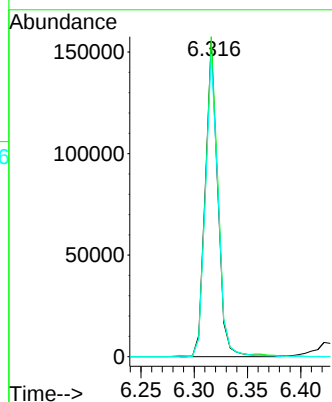
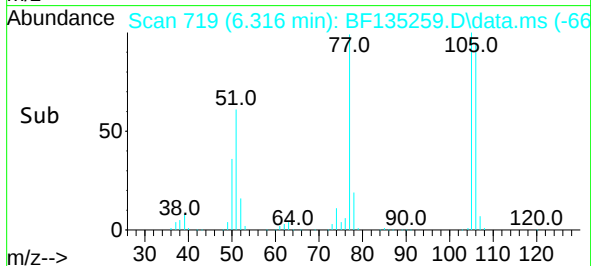


Tgt Ion: 77 Resp: 127059
Ion Ratio Lower Upper
77 100
105 101.3 81.4 121.4
106 95.7 76.9 116.9

Manual Integrations

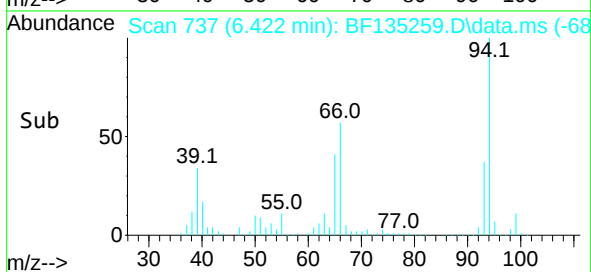
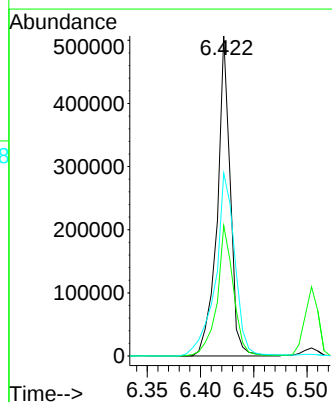
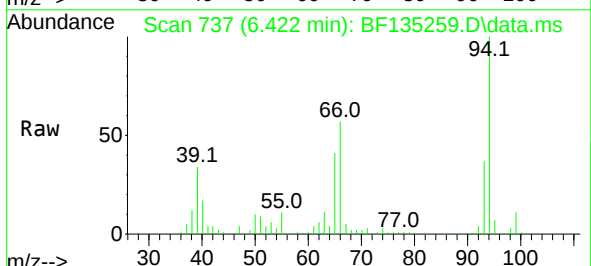
APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#10
Phenol
Concen: 41.366 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Tgt Ion: 94 Resp: 433461
Ion Ratio Lower Upper
94 100
65 40.8 15.9 55.9
66 57.1 29.8 69.8





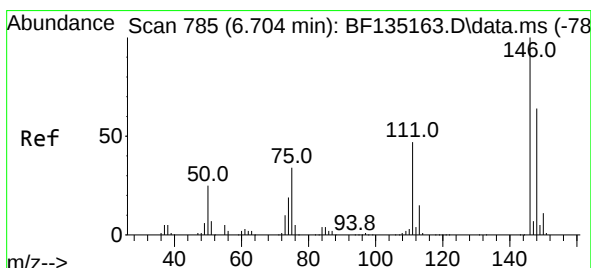
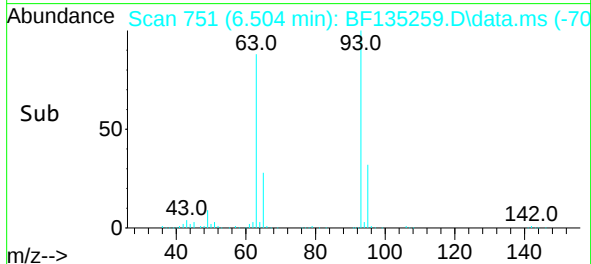
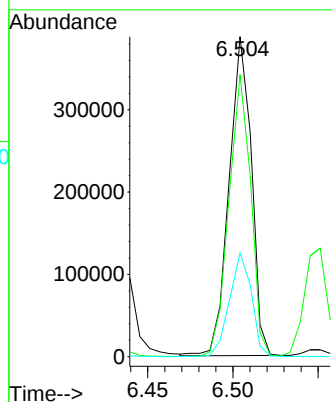
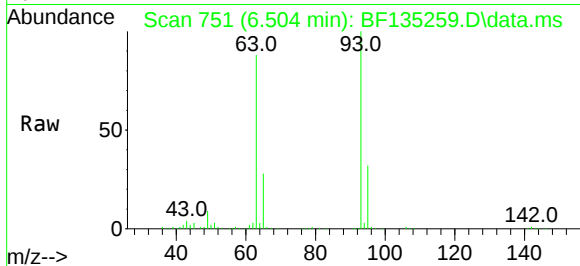
#11
bis(2-Chloroethyl)ether
Concen: 44.825 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD

Tgt Ion: 93 Resp: 35232
Ion Ratio Lower Upper
93 100
63 88.2 67.3 107.3
95 32.4 12.7 52.7

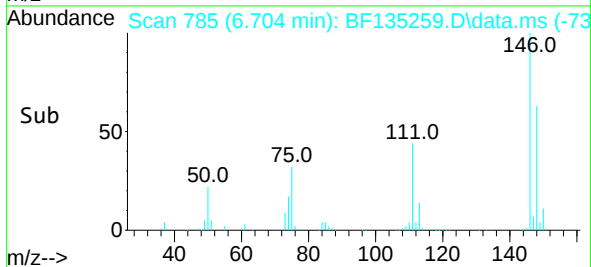
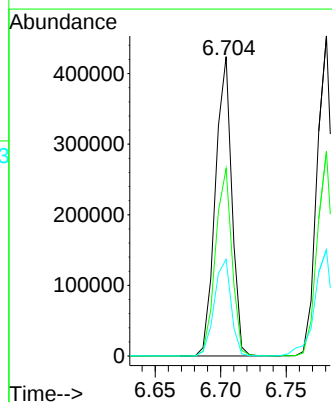
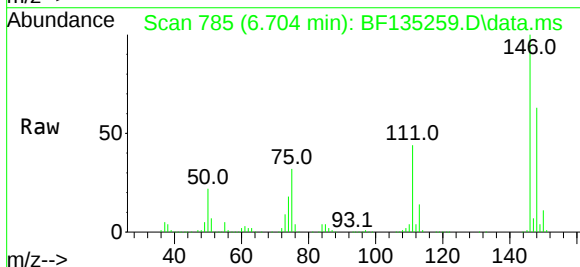
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#12
1,3-Dichlorobenzene
Concen: 45.234 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Tgt Ion:146 Resp: 368800
Ion Ratio Lower Upper
146 100
148 62.6 51.3 76.9
75 32.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.056 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

Tgt Ion:146 Resp: 37374

Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

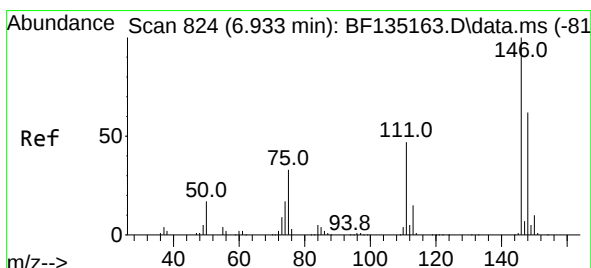
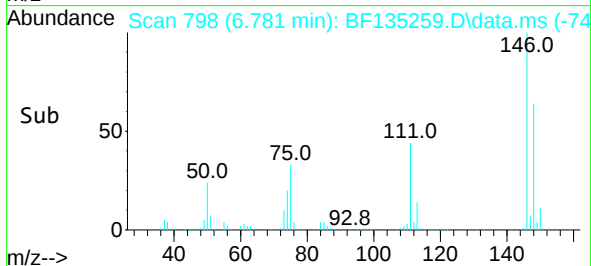
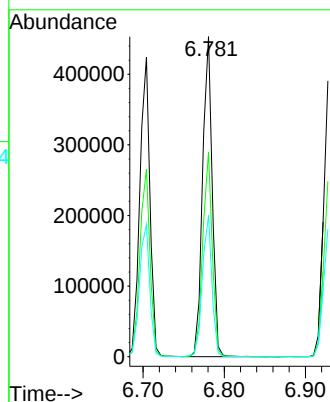
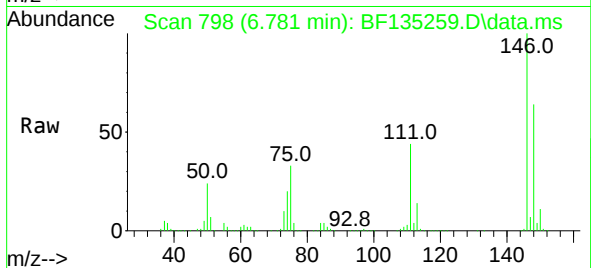
111 44.2 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#14

1,2-Dichlorobenzene

Concen: 45.946 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

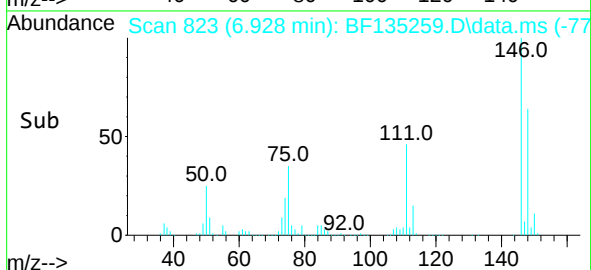
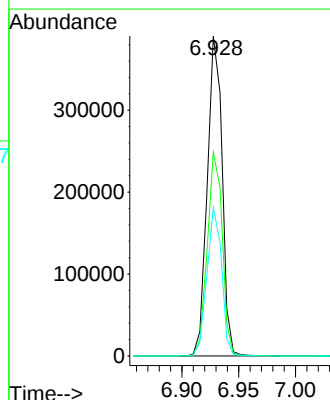
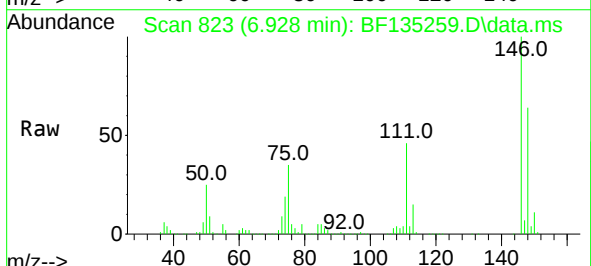
Tgt Ion:146 Resp: 353940

Ion Ratio Lower Upper

146 100

148 63.7 49.7 74.5

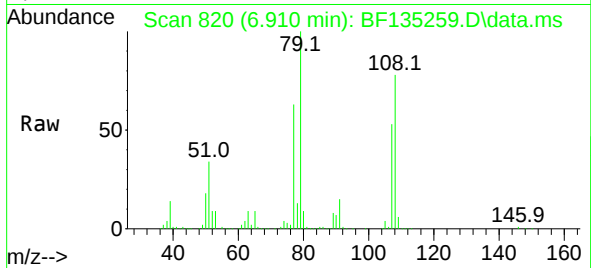
111 46.3 37.4 56.2





#15
Benzyl Alcohol
Concen: 45.816 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

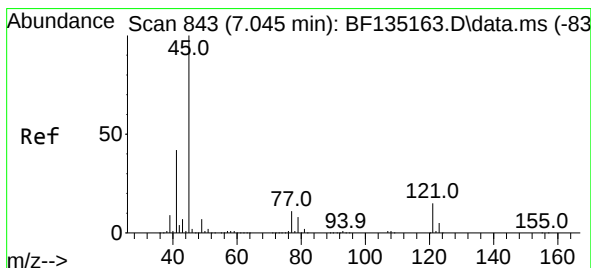
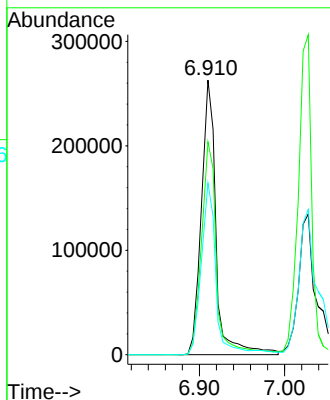
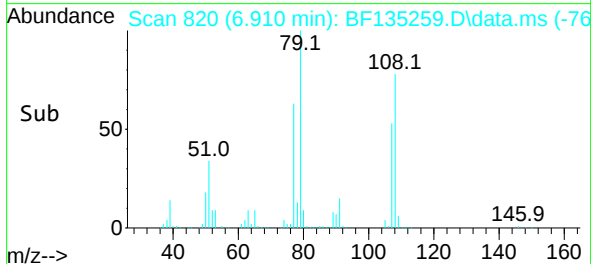
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



Tgt Ion: 79 Resp: 314170
Ion Ratio Lower Upper
79 100
108 77.5 61.2 91.8
77 62.5 50.5 75.7

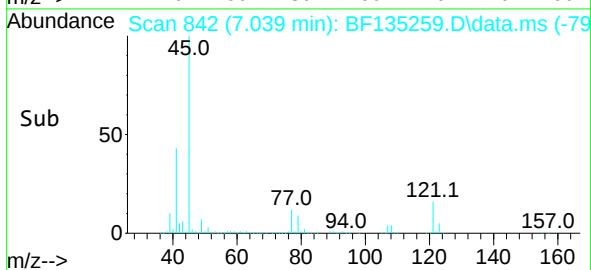
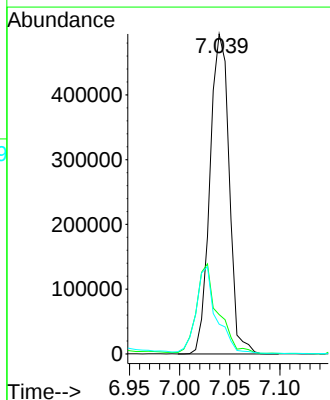
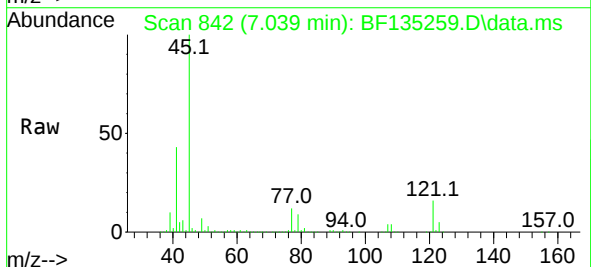
Manual Integrations
APPROVED

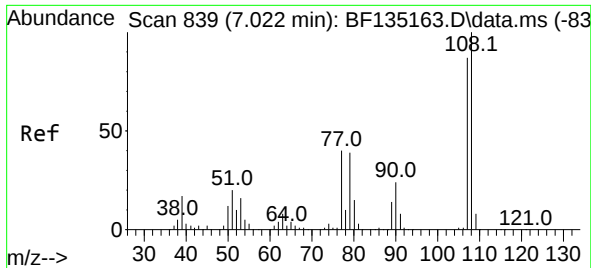
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.537 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Tgt Ion: 45 Resp: 659836
Ion Ratio Lower Upper
45 100
77 12.3 0.0 30.6
79 9.3 0.0 28.3





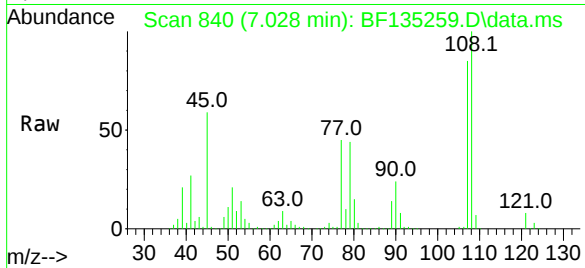
#17
2-Methylphenol
Concen: 40.970 ng
RT: 7.028 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

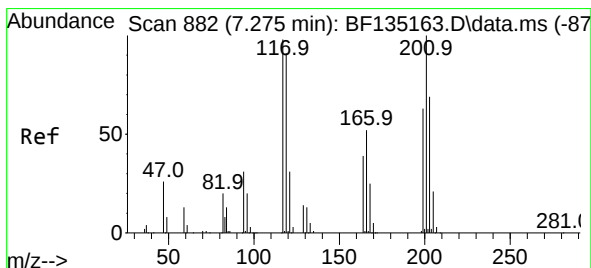
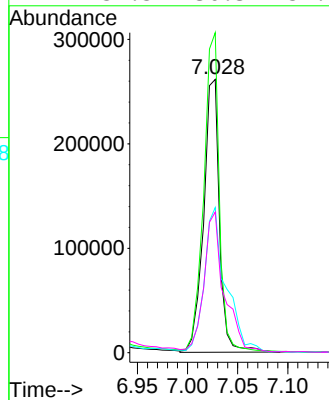
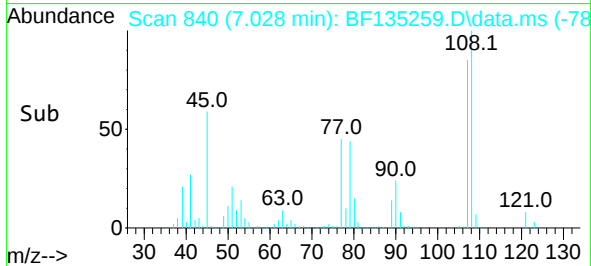


Tgt Ion:107 Resp: 290052
Ion Ratio Lower Upper
107 100
108 117.1 92.0 138.0
77 53.1 36.7 55.1
79 51.5 36.3 54.5

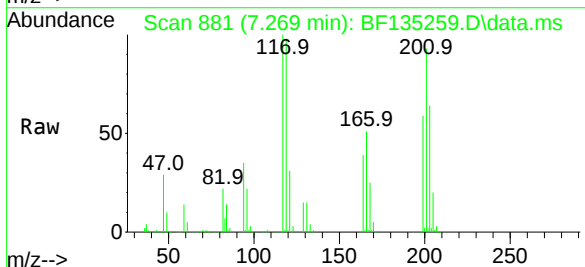
Manual Integrations

APPROVED

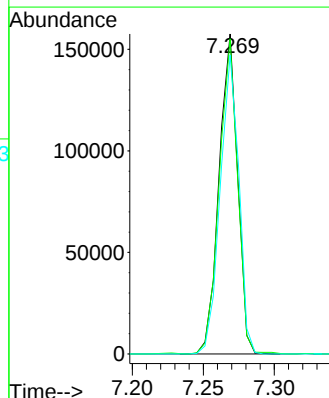
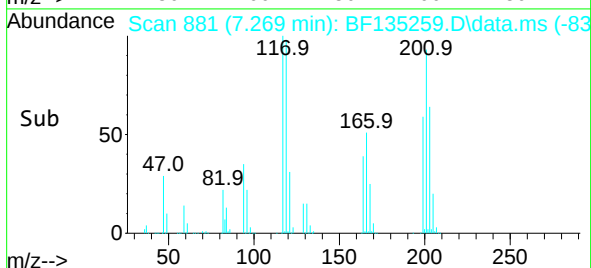
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#18
Hexachloroethane
Concen: 46.433 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54



Tgt Ion:117 Resp: 142316
Ion Ratio Lower Upper
117 100
119 98.5 74.7 112.1
201 93.4 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.318 ng

RT: 7.181 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF135259.D

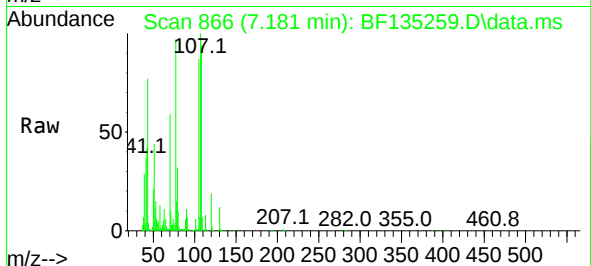
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD



Tgt Ion: 70 Resp: 244560

Ion Ratio Lower Upper

70 100

42 72.6 55.4 83.0

101 9.6 7.7 11.5

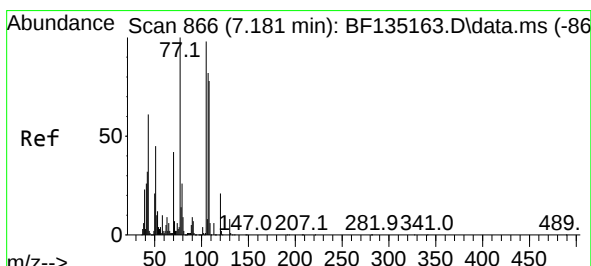
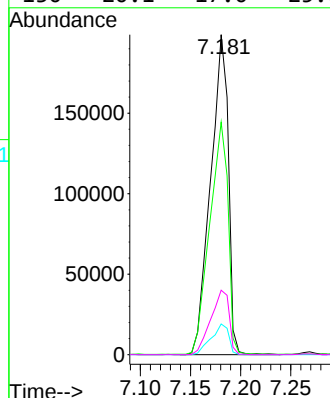
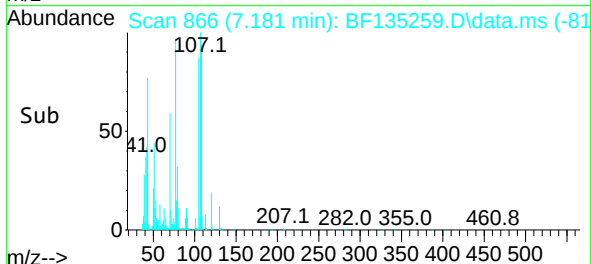
130 20.1 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#20

3+4-Methylphenols

Concen: 39.901 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Tgt Ion:107 Resp: 339671

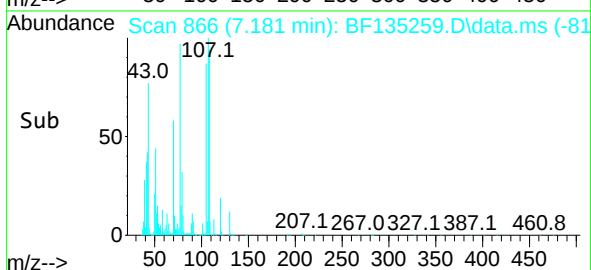
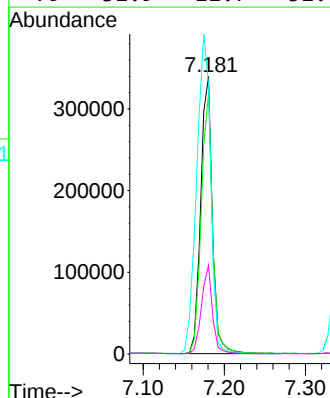
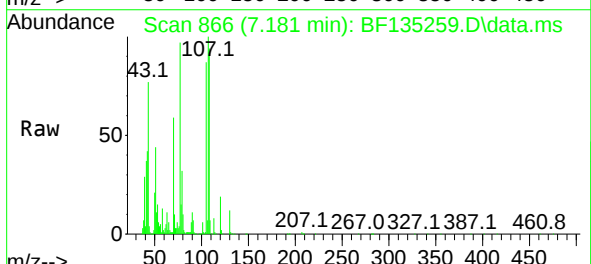
Ion Ratio Lower Upper

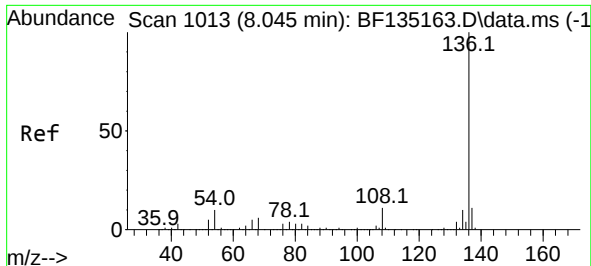
107 100

108 93.9 74.7 114.7

77 97.2 102.0 142.0#

79 31.9 11.7 51.7





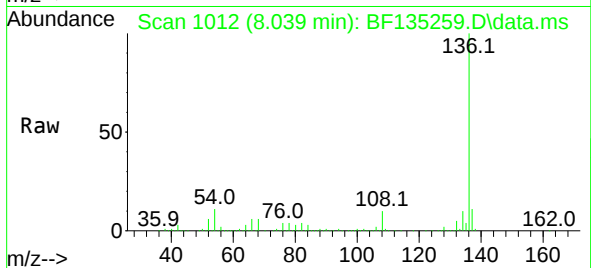
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

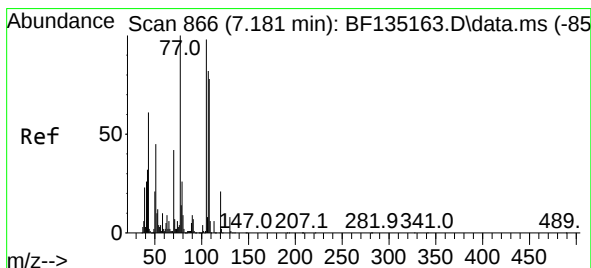
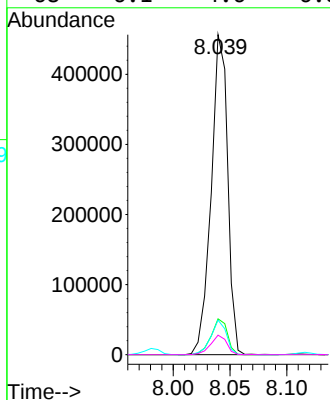
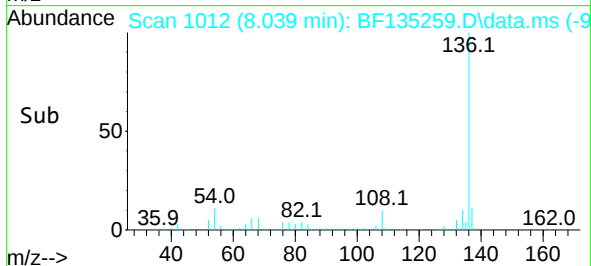


Tgt Ion:136 Resp: 461799
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.8 7.7 11.5
68 6.1 4.6 6.8

Manual Integrations

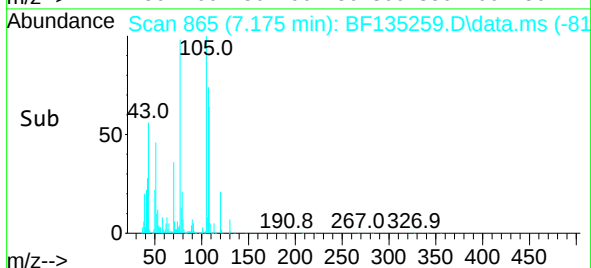
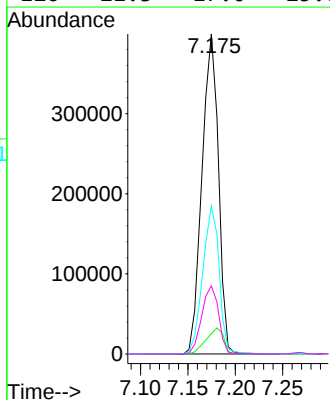
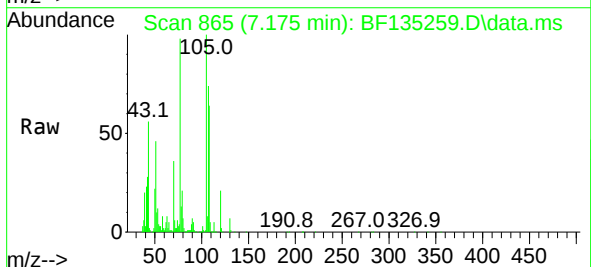
APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#22
Acetophenone
Concen: 45.539 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Tgt Ion:105 Resp: 480799
Ion Ratio Lower Upper
105 100
71 6.3 5.8 8.6
51 46.3 37.0 55.4
120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 70.150 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

Tgt Ion: 82 Resp: 596275

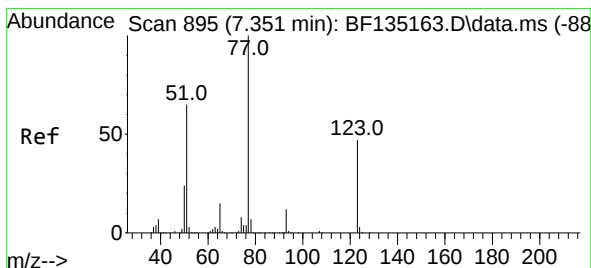
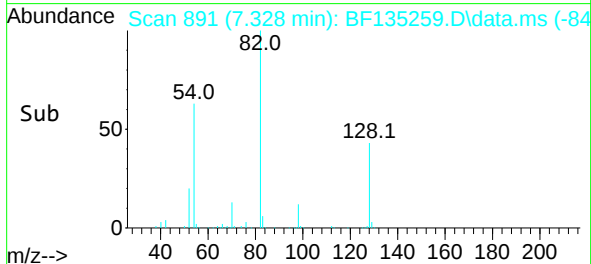
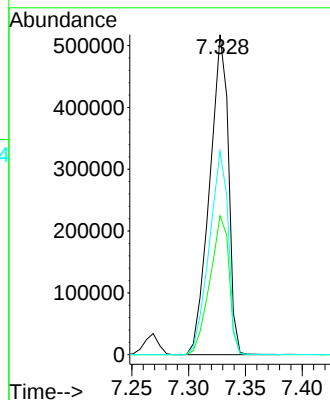
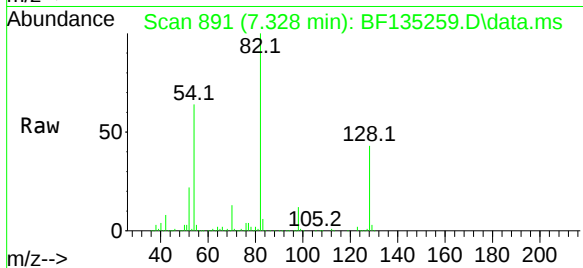
Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.8	53.6
54	63.5	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#24

Nitrobenzene

Concen: 46.103 ng

RT: 7.345 min Scan# 894

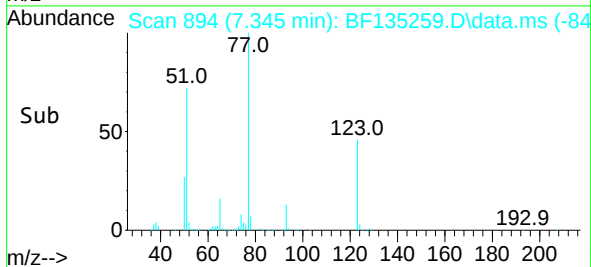
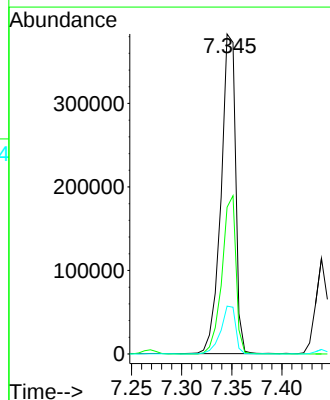
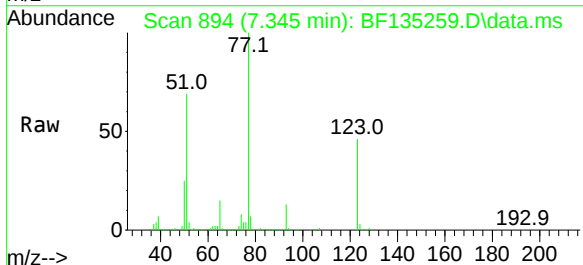
Delta R.T. -0.006 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Tgt Ion: 77 Resp: 387330

Ion	Ratio	Lower	Upper
77	100		
123	45.9	37.6	56.4
65	15.0	12.2	18.4





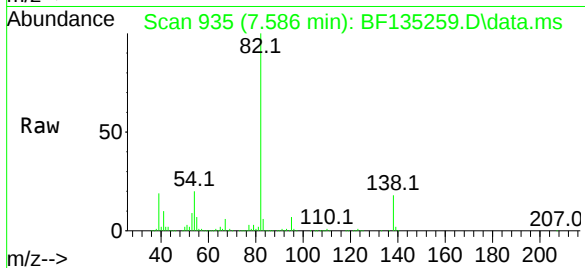
#25
Isophorone
Concen: 45.475 ng
RT: 7.586 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

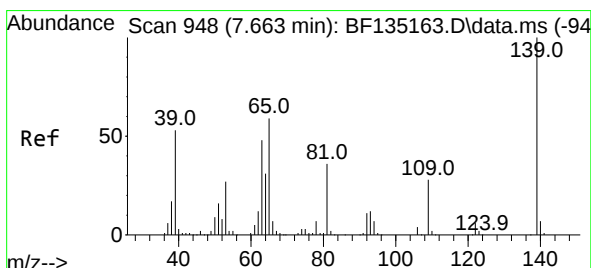
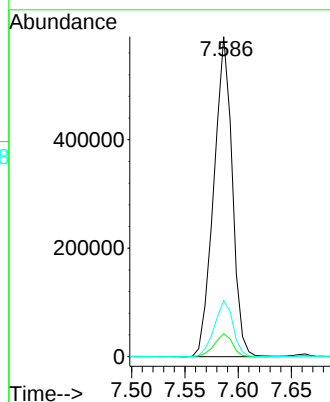
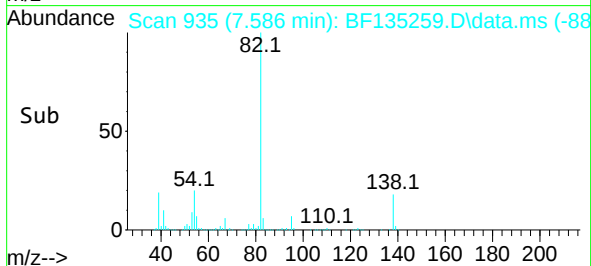


Tgt Ion: 82 Resp: 709788
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 17.5 14.5 21.7

Manual Integrations

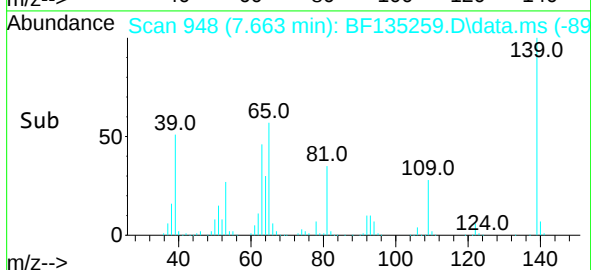
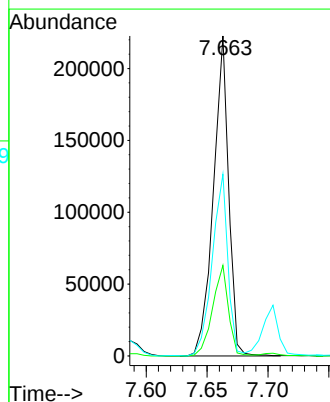
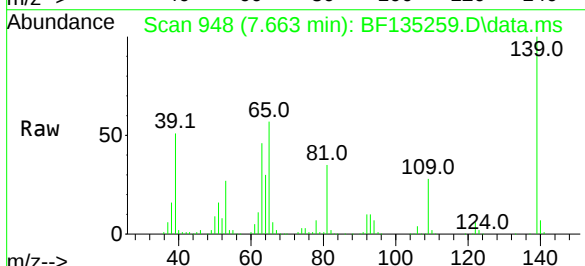
APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#26
2-Nitrophenol
Concen: 48.005 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Tgt Ion:139 Resp: 193566
Ion Ratio Lower Upper
139 100
109 28.3 22.6 33.8
65 56.8 47.0 70.4





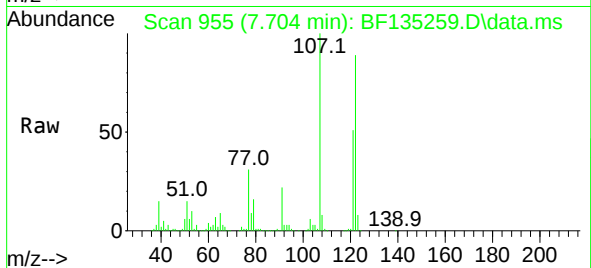
#27
2,4-Dimethylphenol
Concen: 43.411 ng
RT: 7.704 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

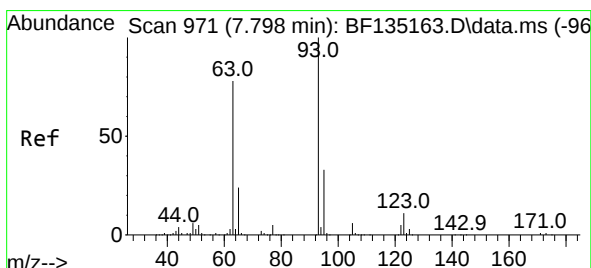
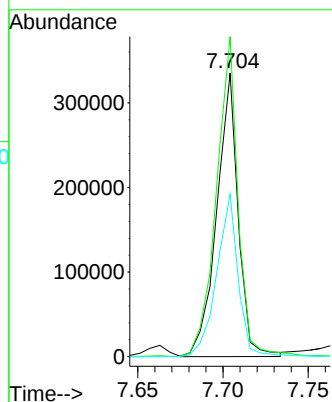
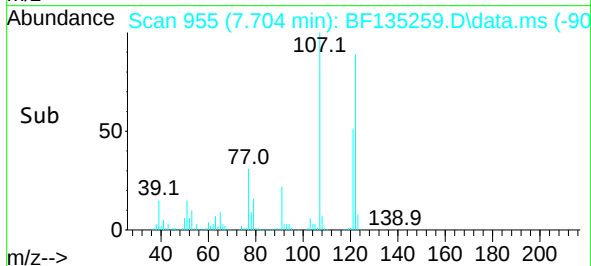


Tgt Ion:122 Resp: 294220
Ion Ratio Lower Upper
122 100
107 112.9 90.2 135.4
121 57.3 46.3 69.5

Manual Integrations

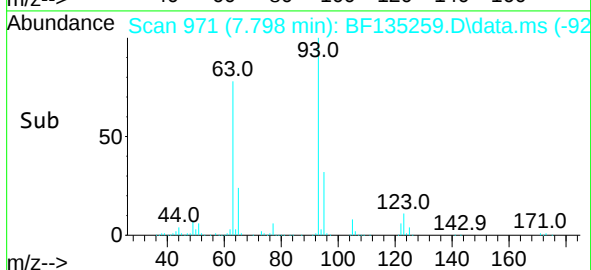
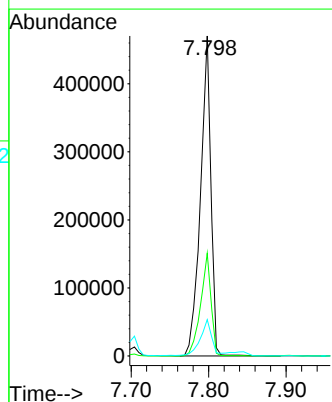
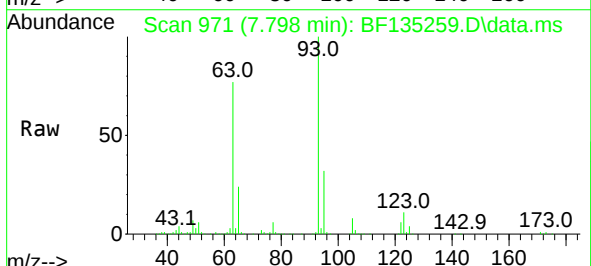
APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.190 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Tgt Ion: 93 Resp: 440847
Ion Ratio Lower Upper
93 100
95 32.1 26.2 39.2
123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 46.962 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135259.D

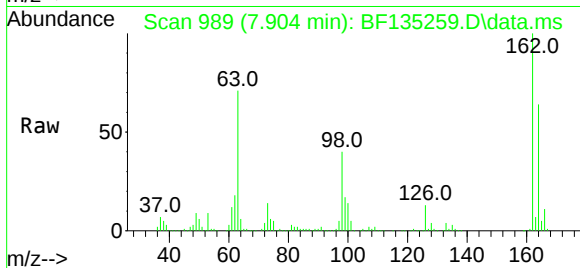
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD



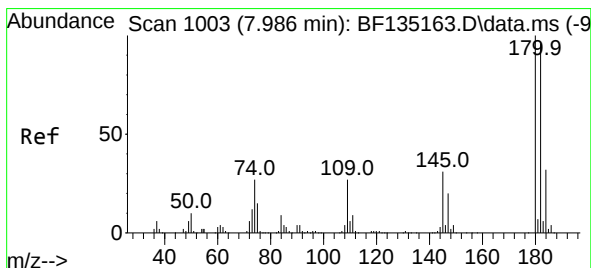
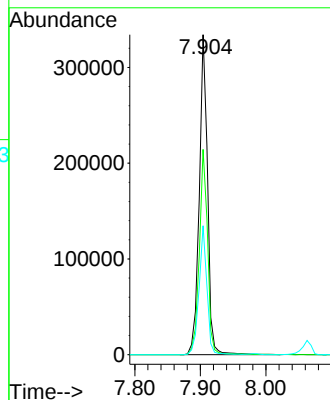
Tgt Ion:162	Resp:	294934
Ion Ratio	Lower	Upper
162	100	
164	64.1	44.1 84.1
98	40.3	20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.609 ng

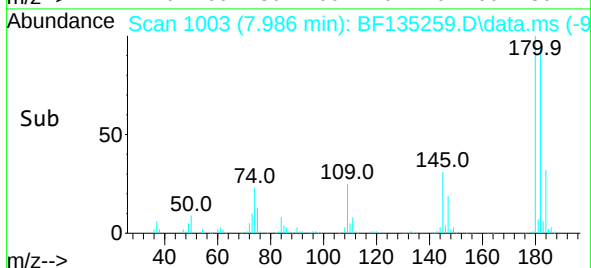
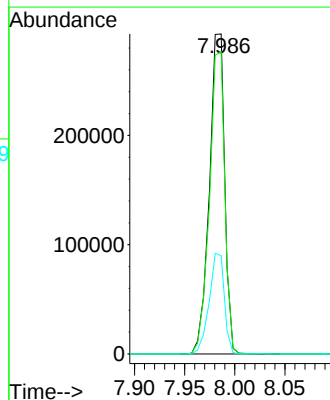
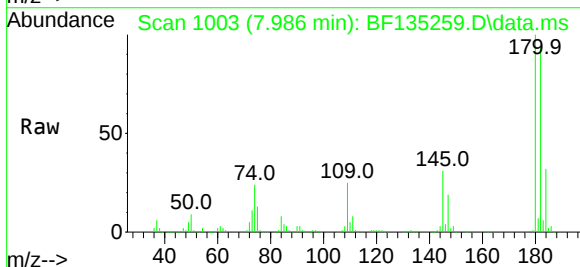
RT: 7.986 min Scan# 1003

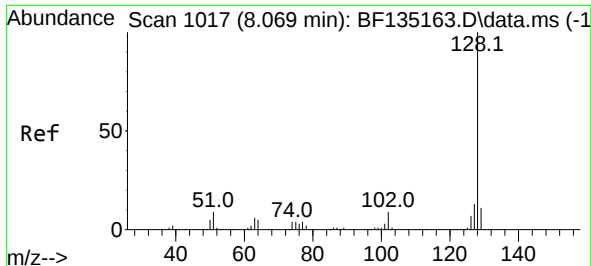
Delta R.T. 0.000 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

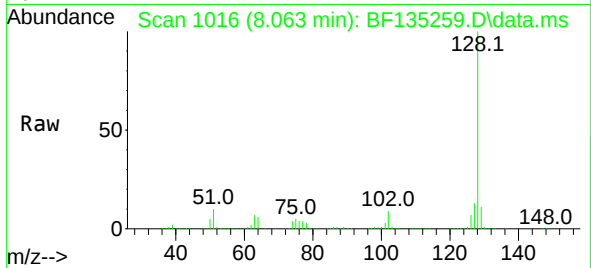
Tgt Ion:180	Resp:	312523
Ion Ratio	Lower	Upper
180	100	
182	94.5	76.9 115.3
145	30.7	24.5 36.7





#31
Naphthalene
Concen: 45.441 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

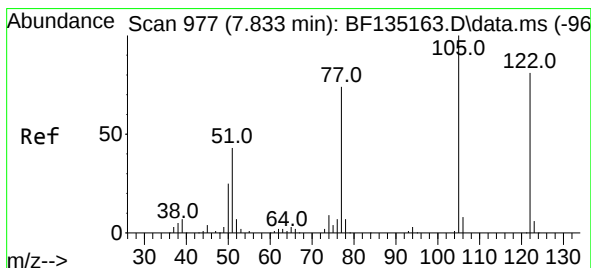
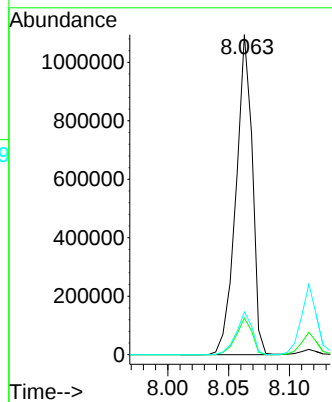
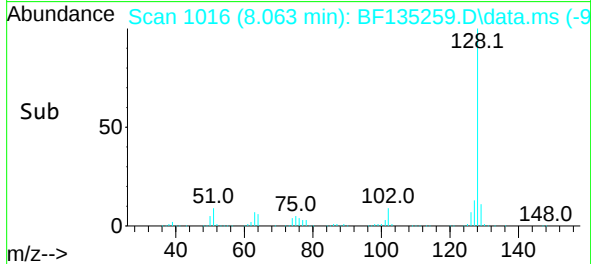
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



Tgt Ion:128 Resp: 101958
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.3 10.7 16.1

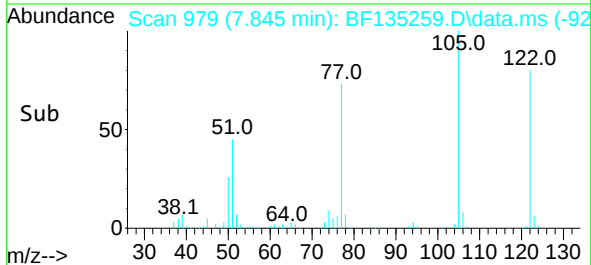
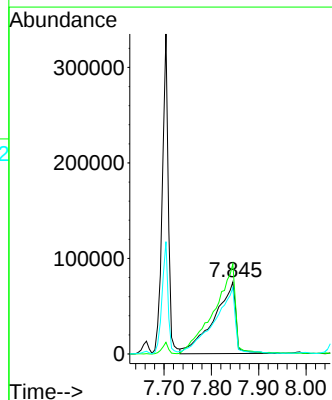
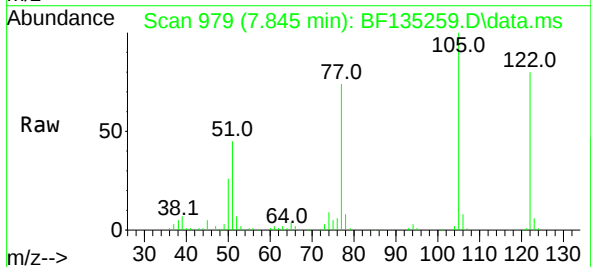
Manual Integrations
APPROVED

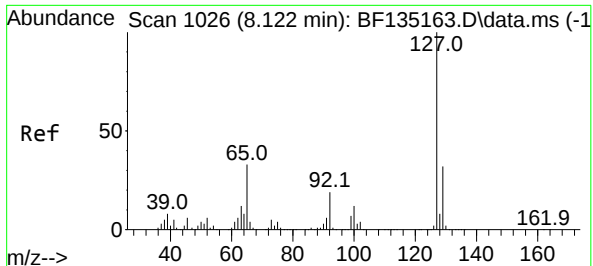
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#32
Benzoic acid
Concen: 47.035 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Tgt Ion:122 Resp: 240048
Ion Ratio Lower Upper
122 100
105 125.4 99.9 139.9
77 92.5 70.0 110.0





#33
4-Chloroaniline
Concen: 22.973 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

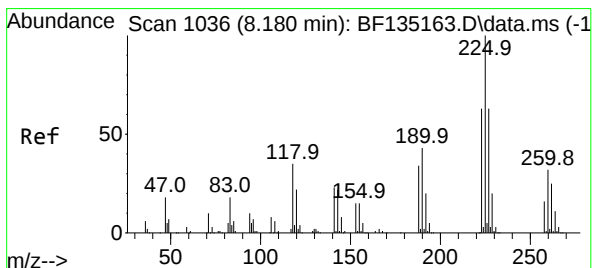
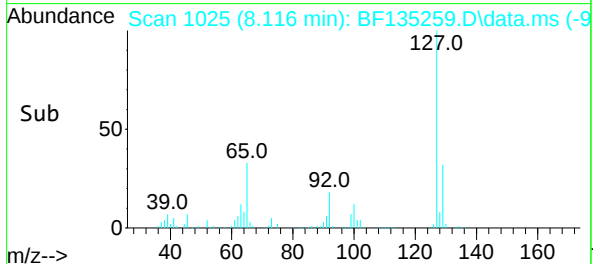
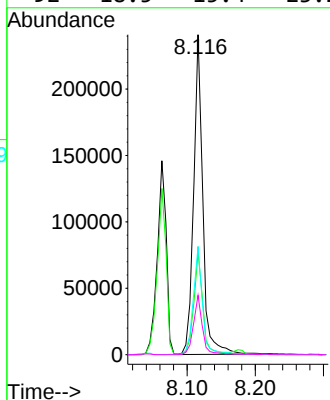
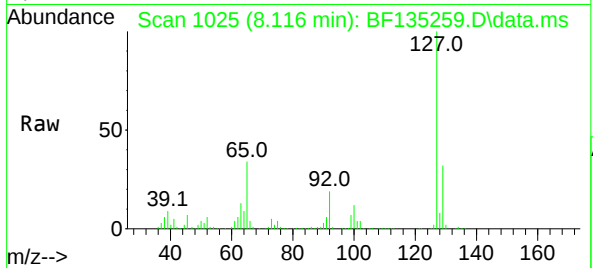
MW-4-6MSD

Tgt Ion:127 Resp: 22615
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.8
65 33.9 26.6 39.8
92 18.5 15.4 23.2

Manual Integrations

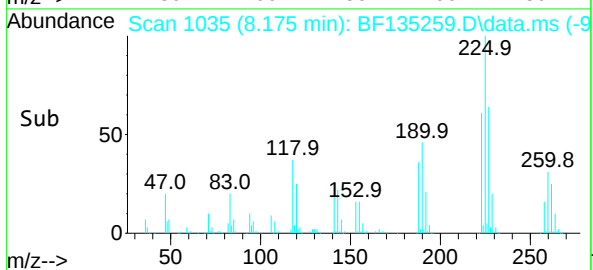
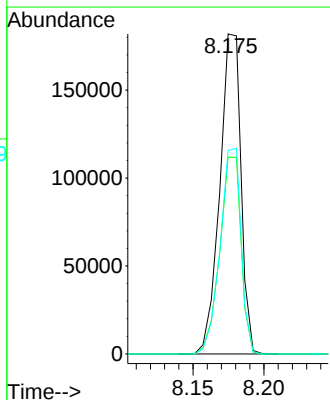
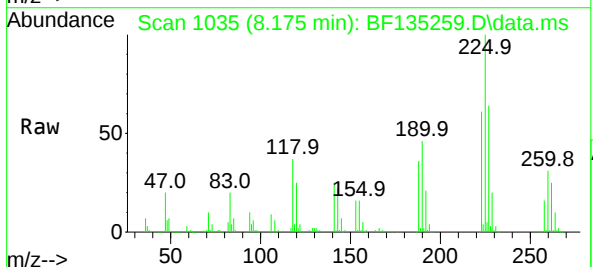
APPROVED

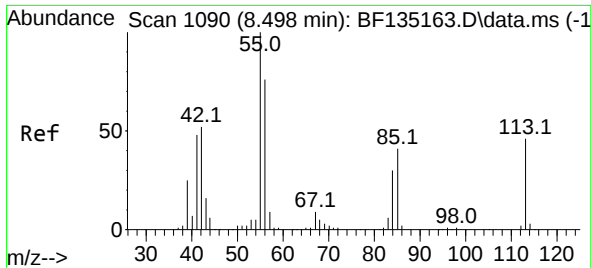
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#34
Hexachlorobutadiene
Concen: 47.641 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

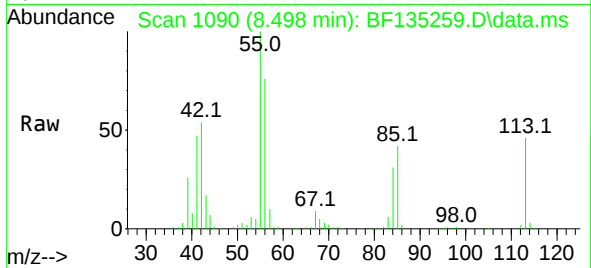
Tgt Ion:225 Resp: 188570
Ion Ratio Lower Upper
225 100
223 61.5 50.6 75.8
227 63.6 50.8 76.2





#35
Caprolactam
Concen: 47.206 ng m
RT: 8.498 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

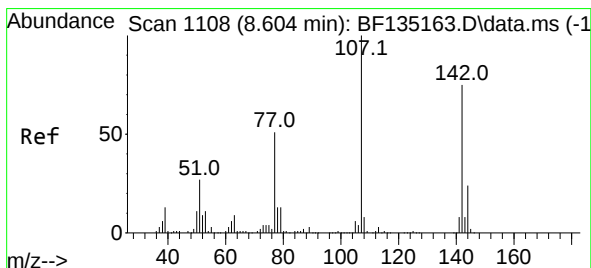
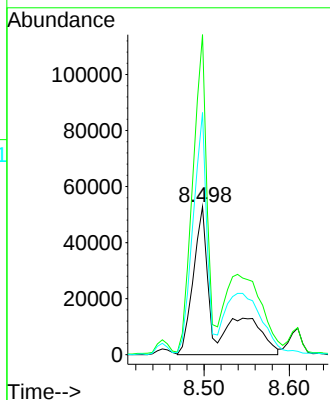
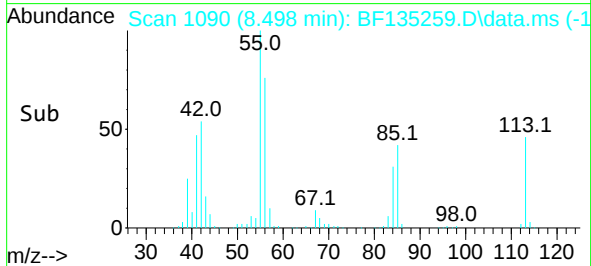
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



Tgt Ion:113 Resp: 99499
Ion Ratio Lower Upper
113 100
55 216.1 199.3 239.3
56 163.5 146.3 186.3

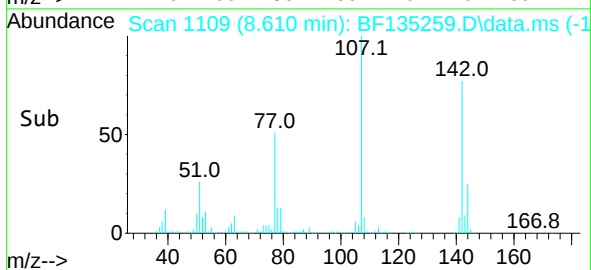
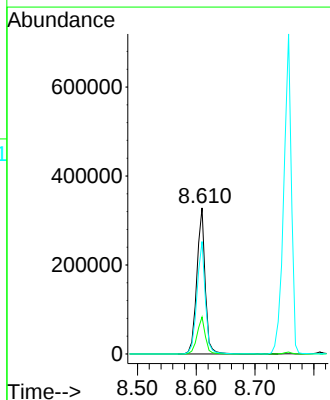
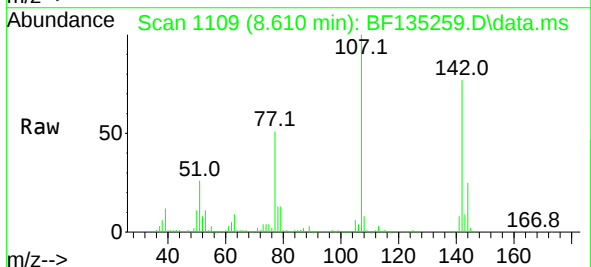
Manual Integrations
APPROVED

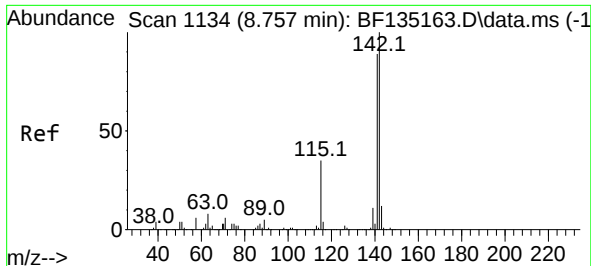
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#36
4-Chloro-3-methylphenol
Concen: 46.144 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Tgt Ion:107 Resp: 322090
Ion Ratio Lower Upper
107 100
144 25.3 19.0 28.4
142 77.0 60.2 90.2





#37

2-Methylnaphthalene

Concen: 42.875 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

Tgt Ion:142 Resp: 646659

Ion Ratio Lower Upper

142 100

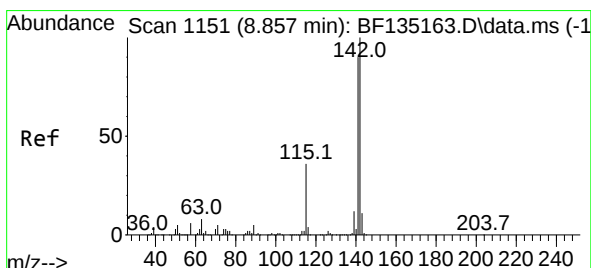
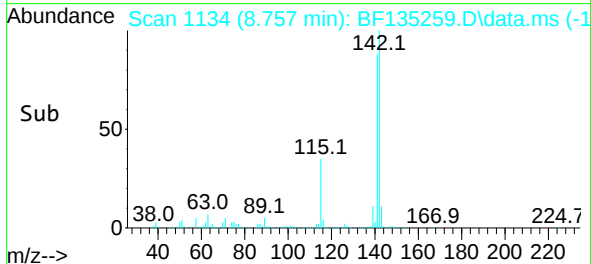
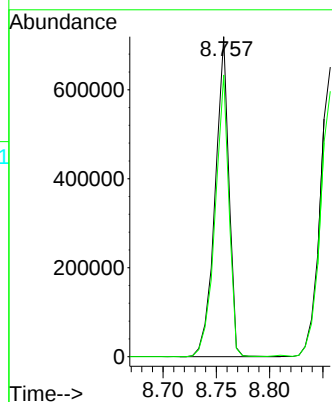
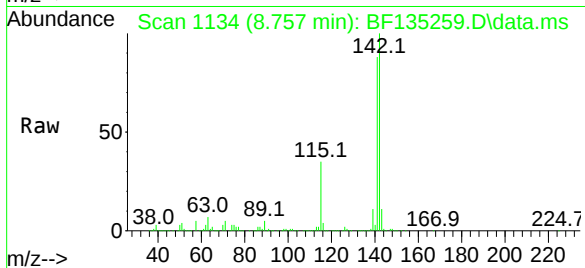
141 88.1 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#38

1-Methylnaphthalene

Concen: 43.768 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135259.D

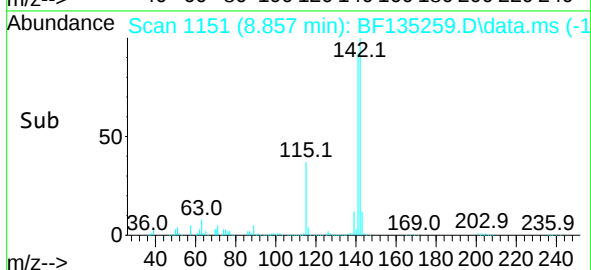
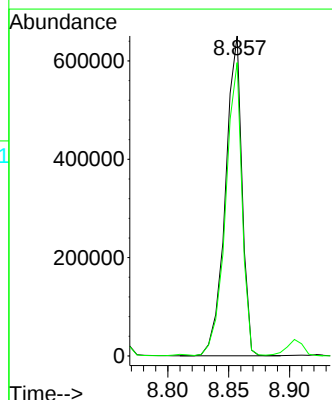
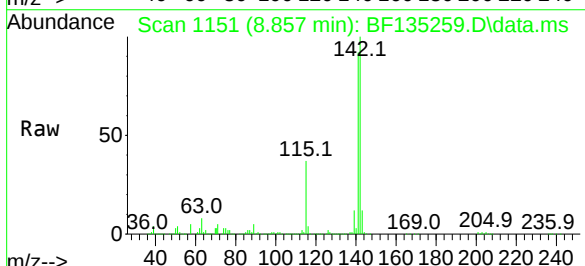
Acq: 14 Sep 2023 17:54

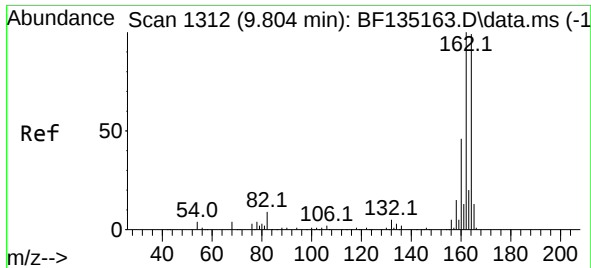
Tgt Ion:142 Resp: 618034

Ion Ratio Lower Upper

142 100

141 91.7 72.4 108.6





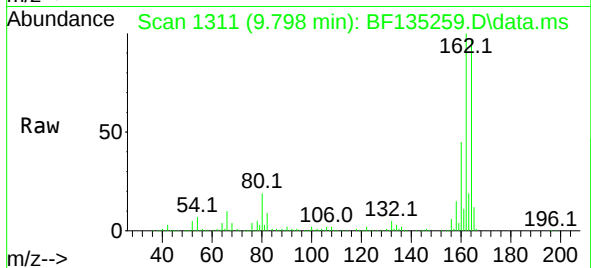
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

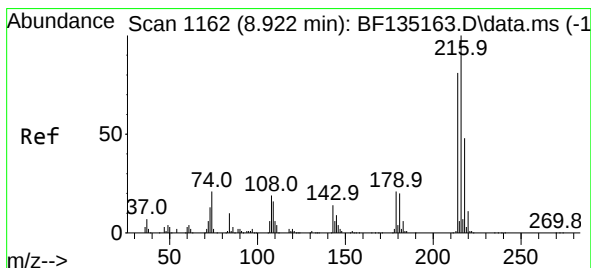
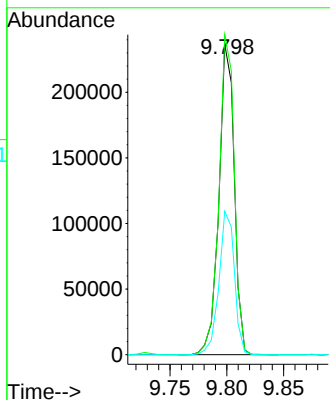
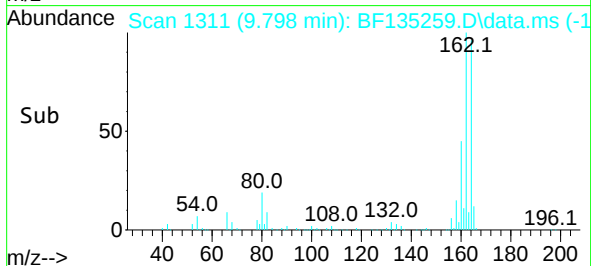
MW-4-6MSD



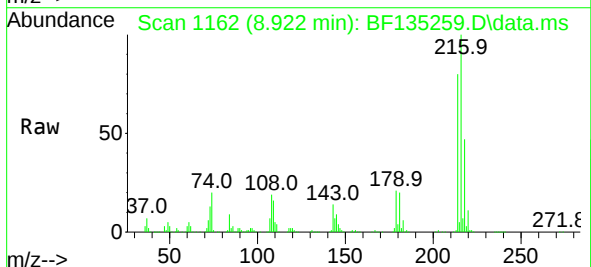
Tgt Ion:164 Resp: 223050
Ion Ratio Lower Upper
164 100
162 103.1 81.0 121.4
160 46.2 37.0 55.4

Manual Integrations
APPROVED

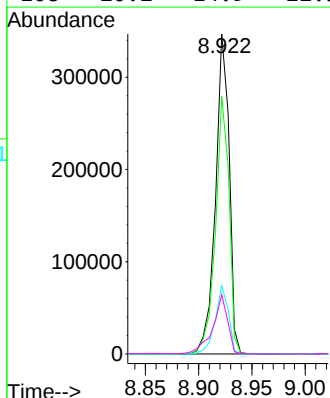
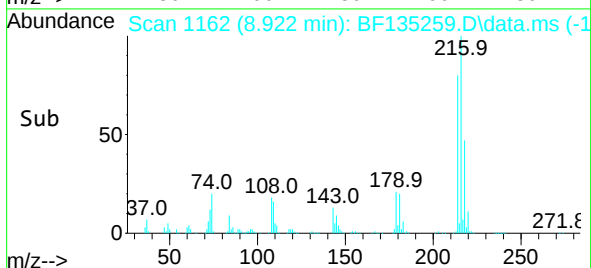
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.776 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54



Tgt Ion:216 Resp: 308729
Ion Ratio Lower Upper
216 100
214 79.7 63.7 95.5
179 20.7 16.7 25.1
108 20.2 14.9 22.3





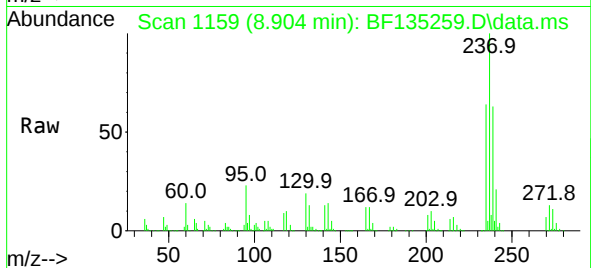
#41
Hexachlorocyclopentadiene
Concen: 84.539 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

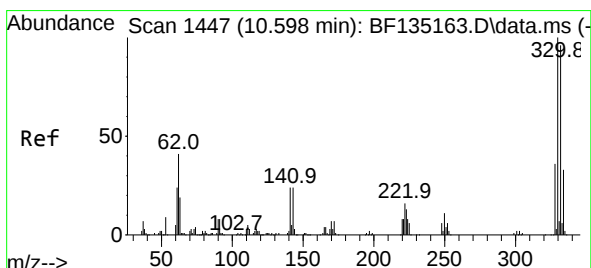
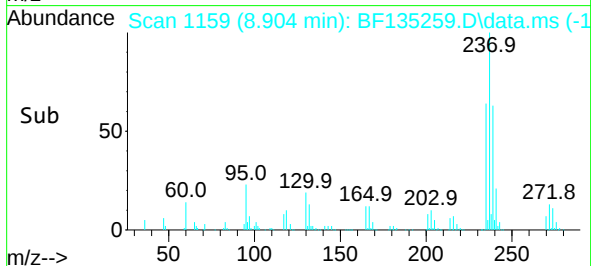
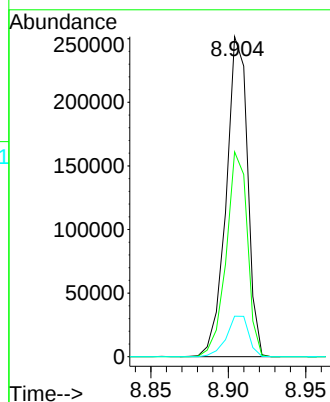


Tgt Ion: 237 Resp: 24202
Ion Ratio Lower Upper
237 100
235 64.0 41.8 81.8
272 12.6 0.0 33.6

Manual Integrations

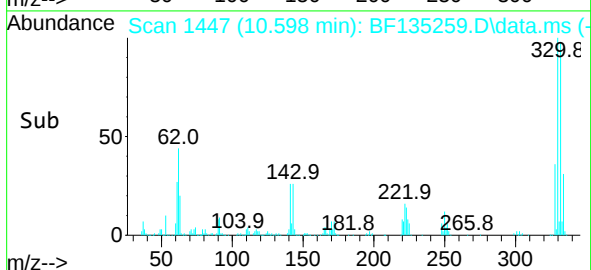
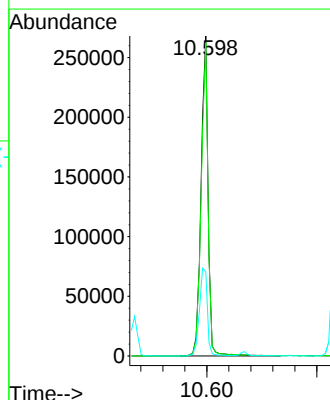
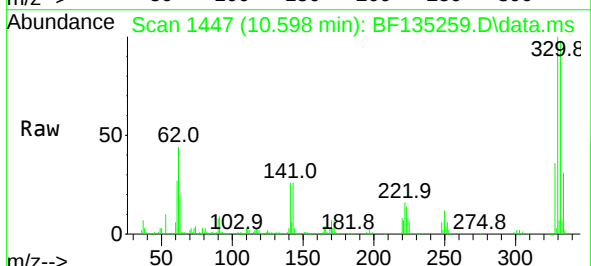
APPROVED

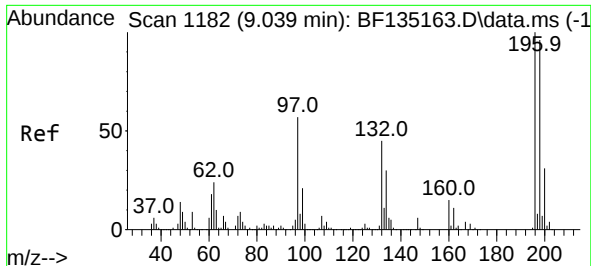
Reviewed By : Yogesh Patel 09/15/2023
Supervised By : mohammad ahmed 09/15/2023



#42
2,4,6-Tribromophenol
Concen: 107.760 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

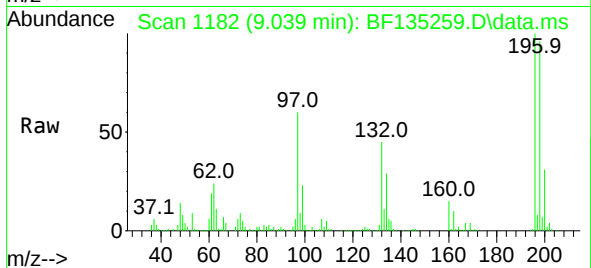
Tgt Ion: 330 Resp: 238859
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 31.0 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 46.839 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

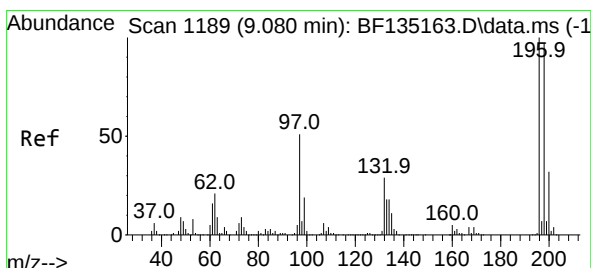
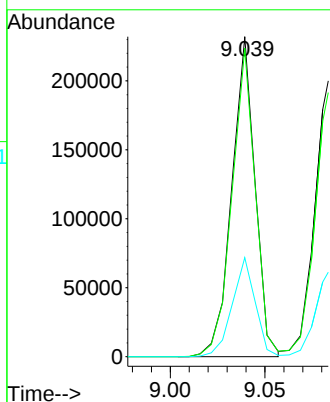
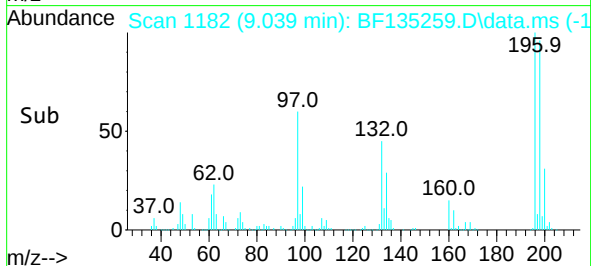
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



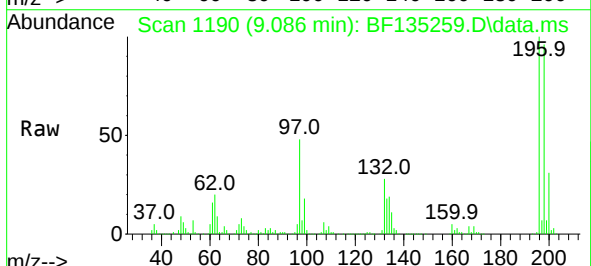
Tgt Ion:196 Resp: 198172
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.6
200 30.9 24.5 36.7

Manual Integrations
APPROVED

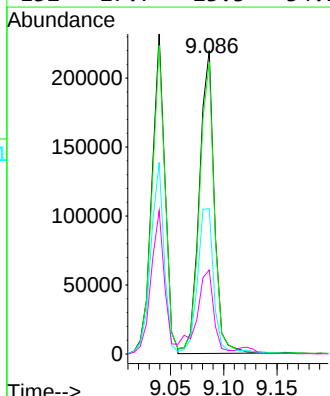
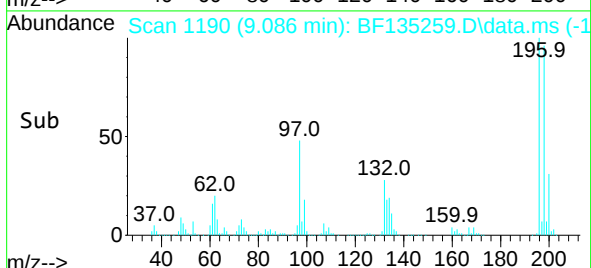
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

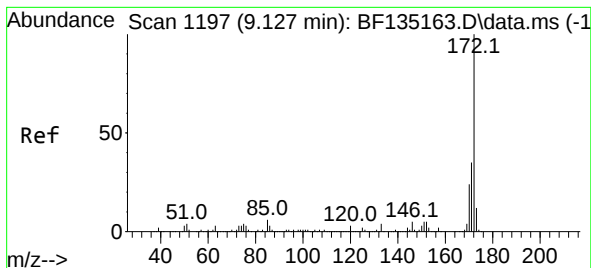


#44
2,4,5-Trichlorophenol
Concen: 43.971 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54



Tgt Ion:196 Resp: 214245
Ion Ratio Lower Upper
196 100
198 96.2 77.5 116.3
97 47.9 40.5 60.7
132 27.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 70.646 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

Tgt Ion:172 Resp: 1044420

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

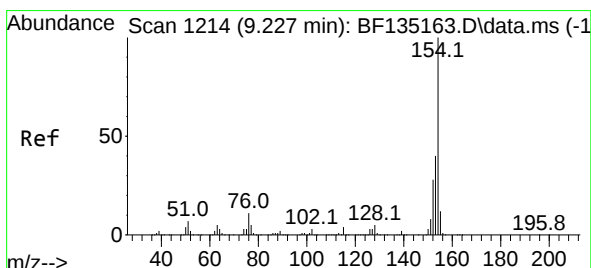
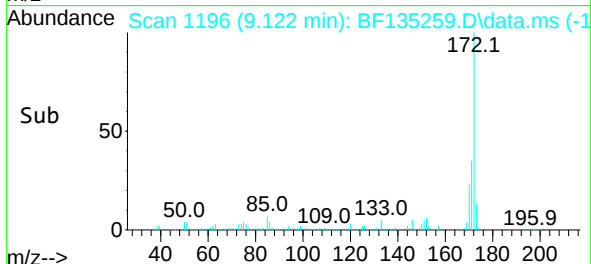
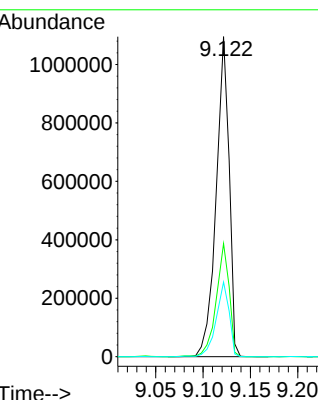
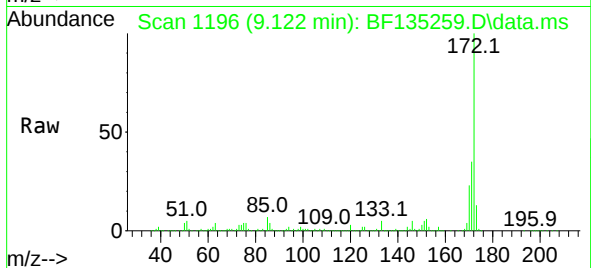
170 23.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#46

1,1'-Biphenyl

Concen: 45.708 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

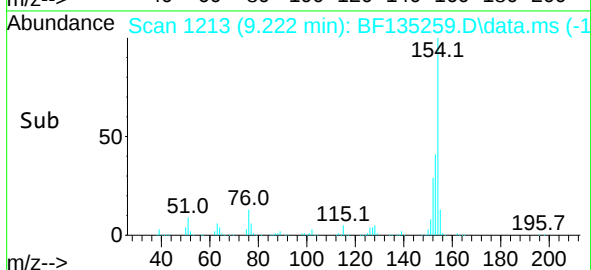
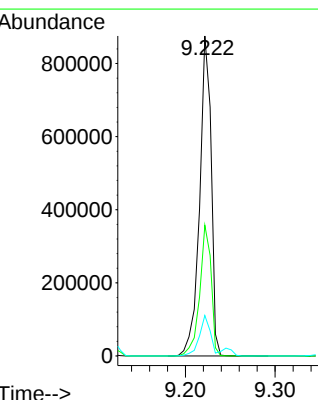
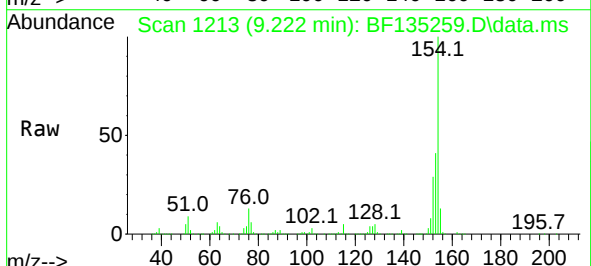
Tgt Ion:154 Resp: 783489

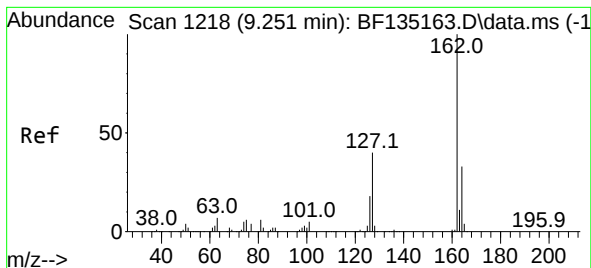
Ion Ratio Lower Upper

154 100

153 40.8 19.6 59.6

76 12.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 47.338 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

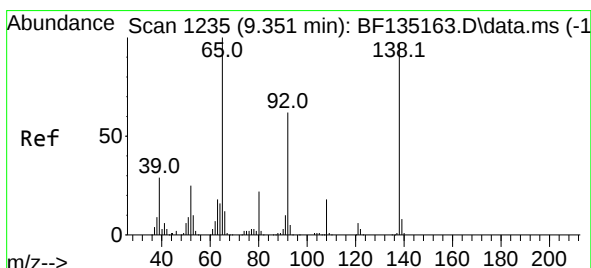
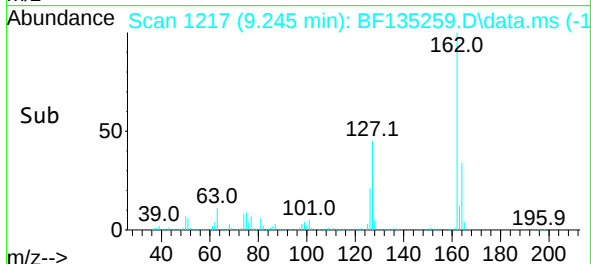
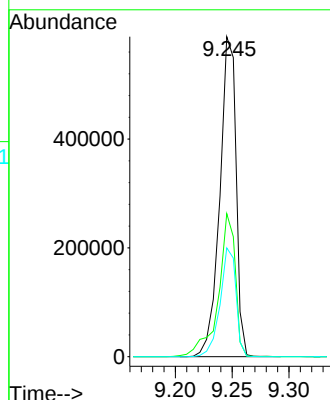
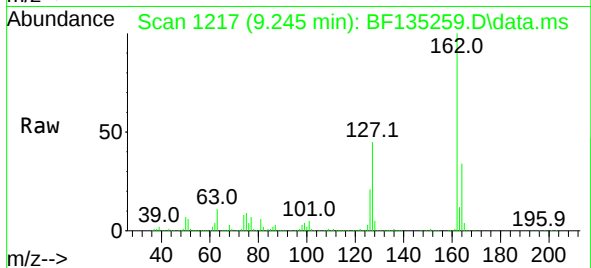
Tgt Ion:	162	Resp:	588738
Ion Ratio	Lower	Upper	
162	100		
127	44.7	32.6	48.8
164	34.0	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#48

2-Nitroaniline

Concen: 45.806 ng

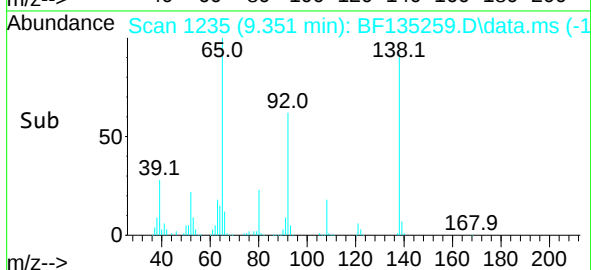
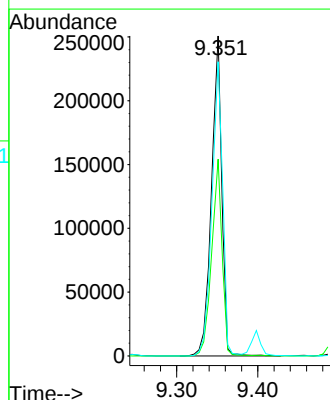
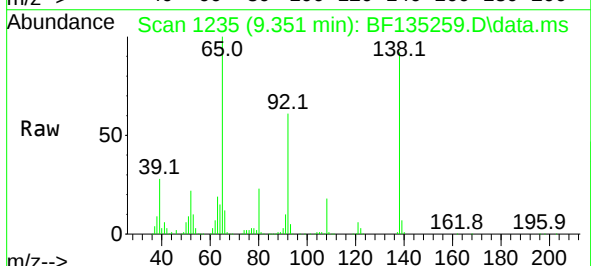
RT: 9.351 min Scan# 1235

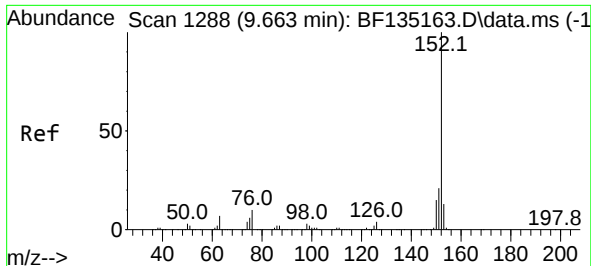
Delta R.T. 0.000 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

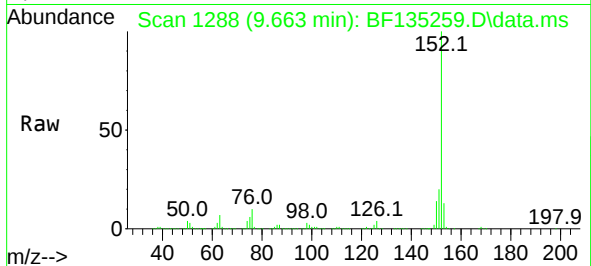
Tgt Ion:	65	Resp:	221321
Ion Ratio	Lower	Upper	
65	100		
92	61.5	49.4	74.0
138	92.0	77.4	116.0





#49
Acenaphthylene
Concen: 46.628 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

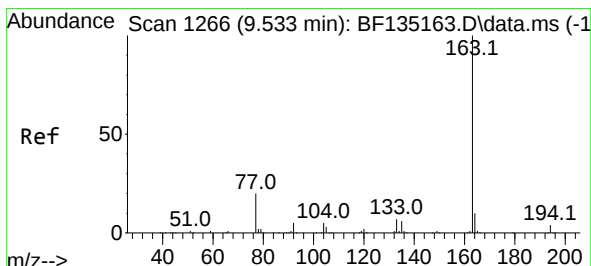
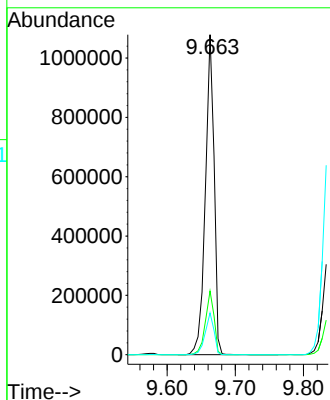
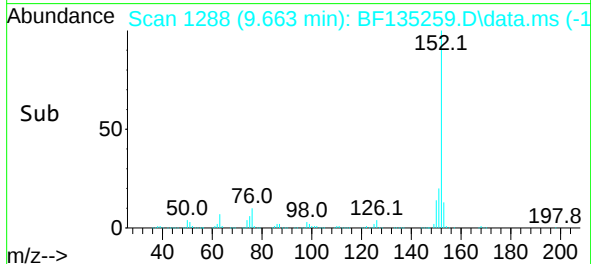
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



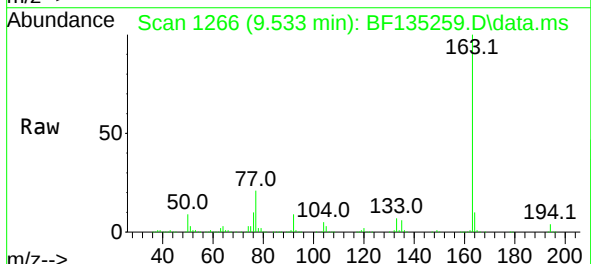
Tgt Ion:152 Resp: 96375
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.0 10.4 15.6

Manual Integrations
APPROVED

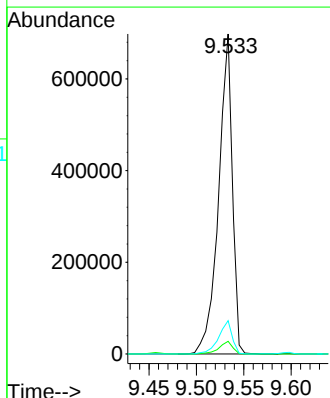
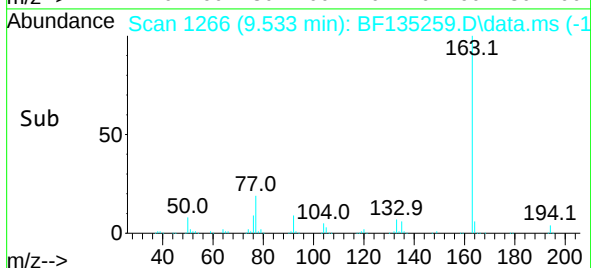
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

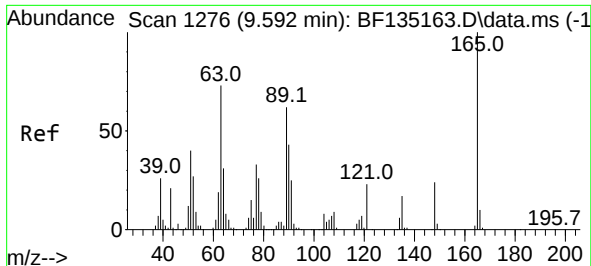


#50
Dimethylphthalate
Concen: 46.886 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54



Tgt Ion:163 Resp: 707065
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.544 ng

RT: 9.598 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

Tgt Ion:165 Resp: 15376

Ion Ratio Lower Upper

165 100

63 61.6 59.4 89.2

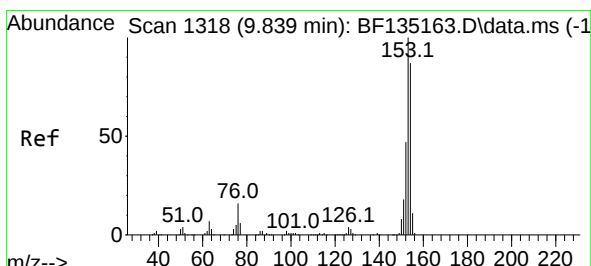
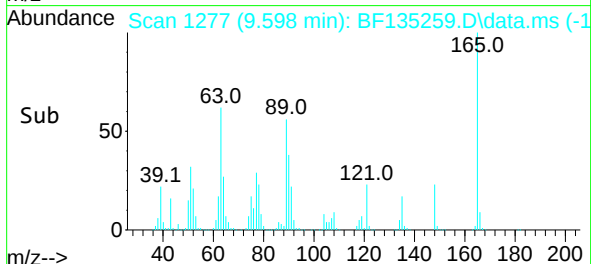
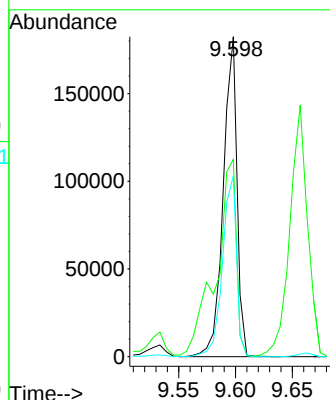
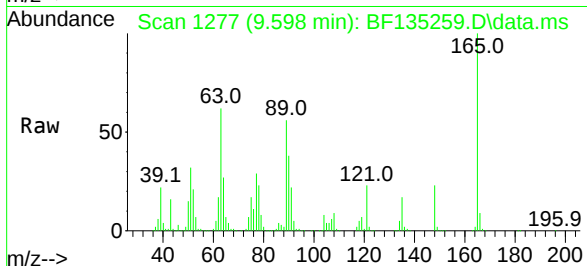
89 56.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#52

Acenaphthene

Concen: 45.704 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

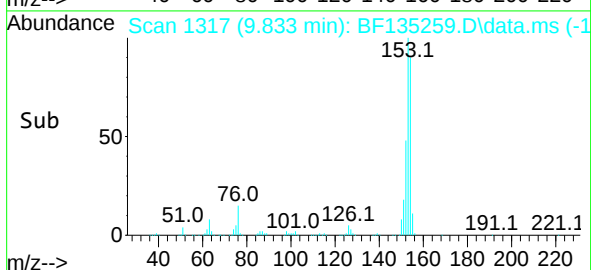
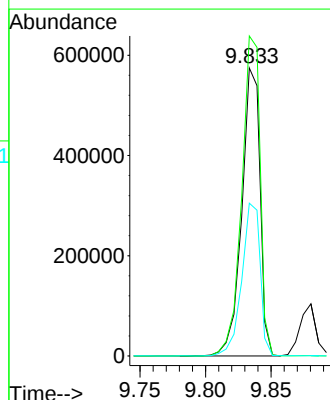
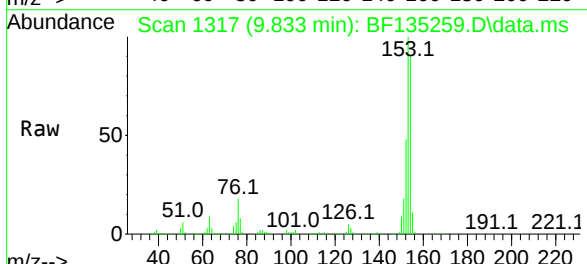
Tgt Ion:154 Resp: 558057

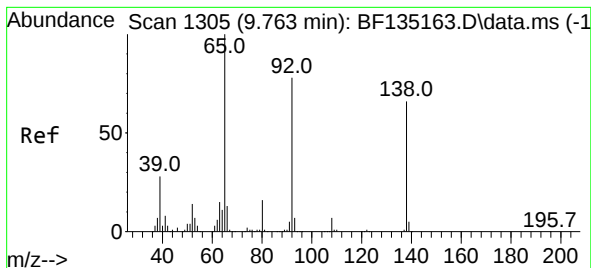
Ion Ratio Lower Upper

154 100

153 111.1 92.1 138.1

152 53.1 43.1 64.7





#53

3-Nitroaniline

Concen: 33.443 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

Tgt Ion:138 Resp: 12968

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

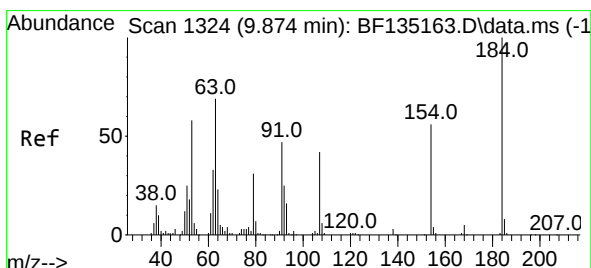
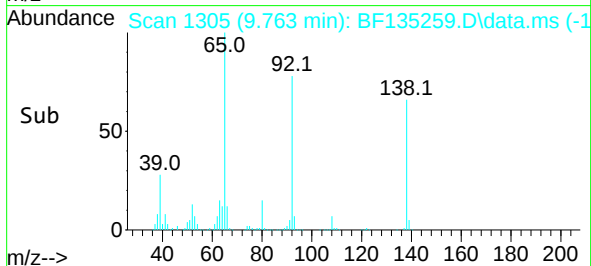
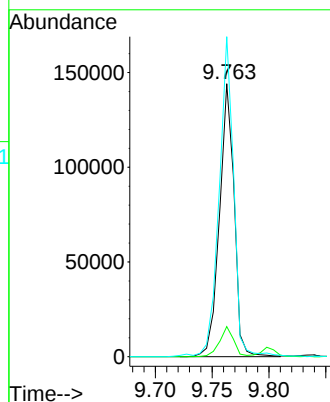
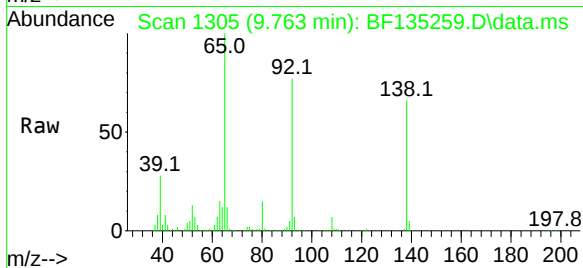
92 117.2 95.4 143.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#54

2,4-Dinitrophenol

Concen: 80.873 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

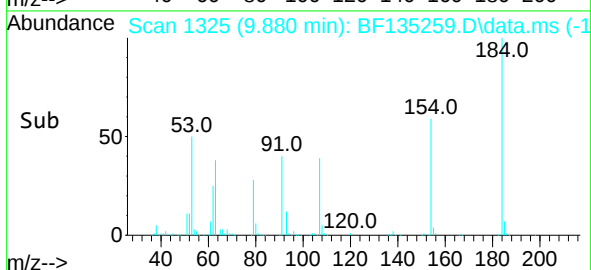
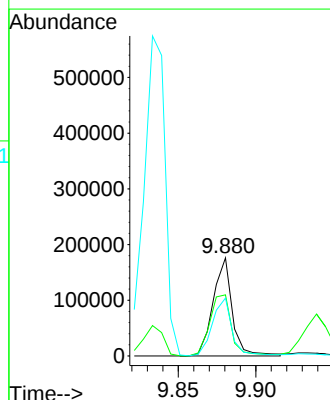
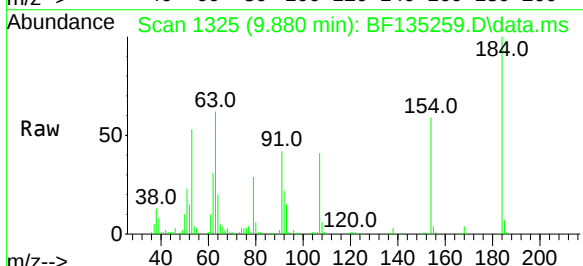
Tgt Ion:184 Resp: 151812

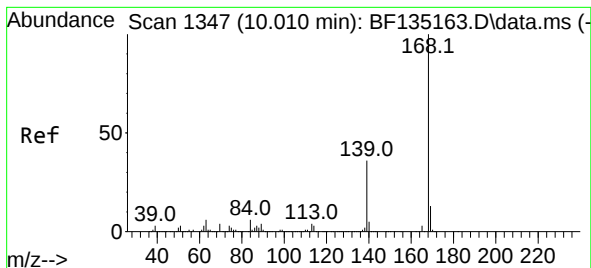
Ion Ratio Lower Upper

184 100

63 62.2 55.1 82.7

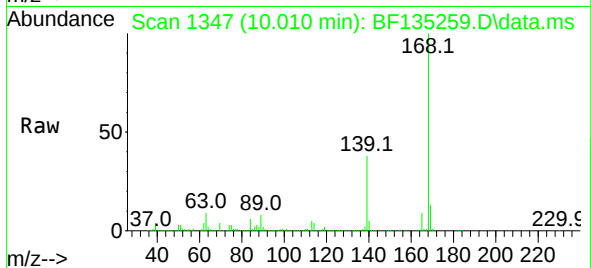
154 59.0 48.4 72.6





#55
Dibenzofuran
Concen: 43.998 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

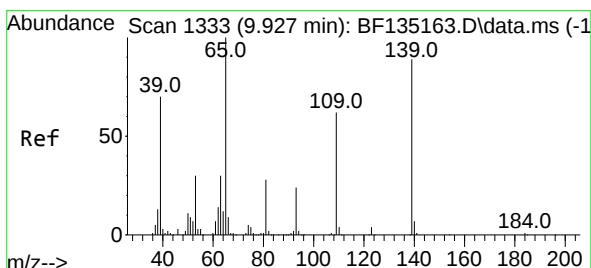
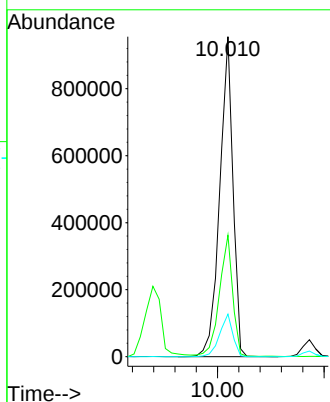
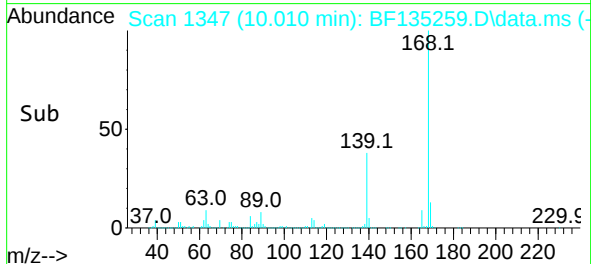
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



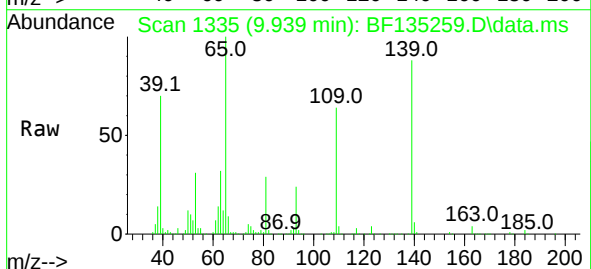
Tgt Ion:168 Resp: 819789
Ion Ratio Lower Upper
168 100
139 37.9 29.0 43.6
169 13.3 10.4 15.6

Manual Integrations
APPROVED

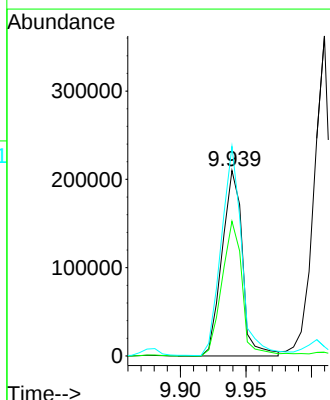
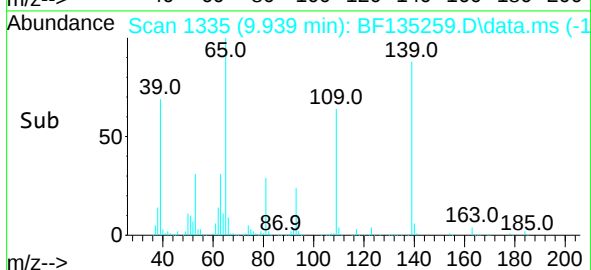
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

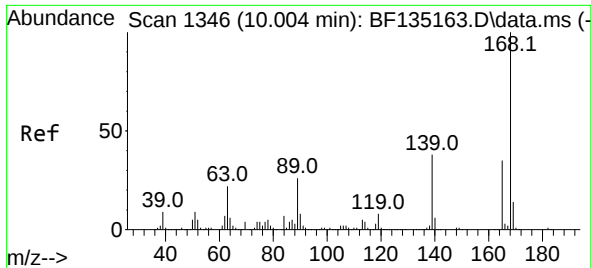


#56
4-Nitrophenol
Concen: 91.969 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54



Tgt Ion:139 Resp: 226667
Ion Ratio Lower Upper
139 100
109 72.7 49.8 89.8
65 113.0 92.7 132.7





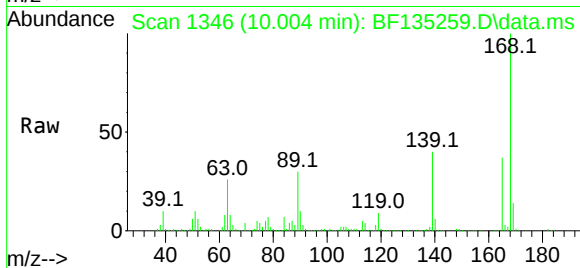
#57
2,4-Dinitrotoluene
Concen: 45.639 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

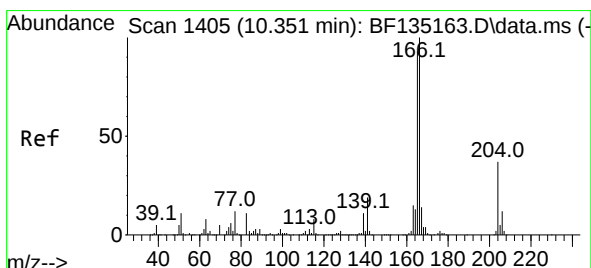
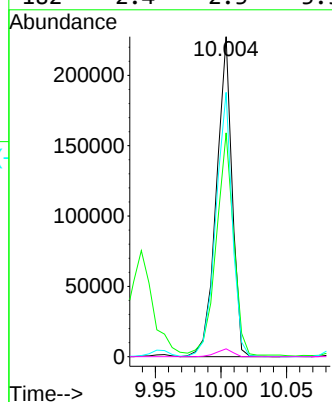
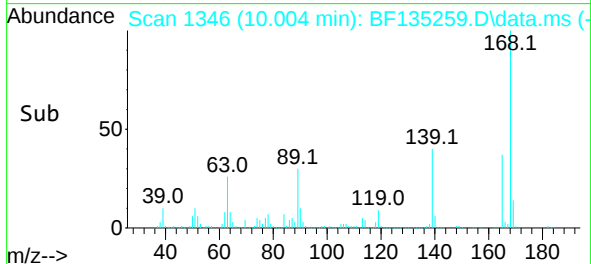


Tgt Ion:165 Resp: 18875
Ion Ratio Lower Upper
165 100
63 70.0 50.1 75.1
89 82.6 59.3 88.9
182 2.4 2.3 3.5

Manual Integrations

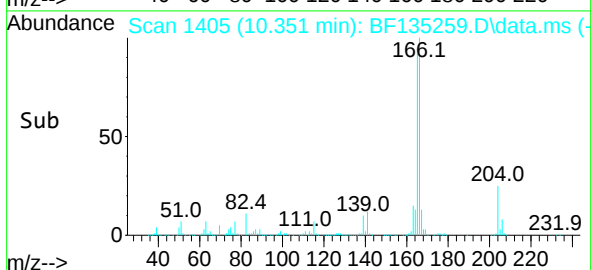
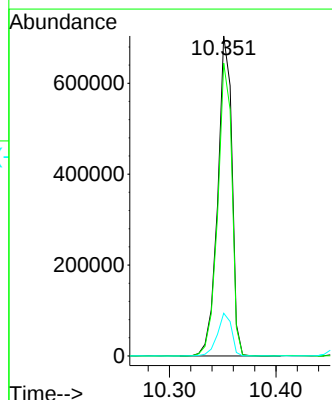
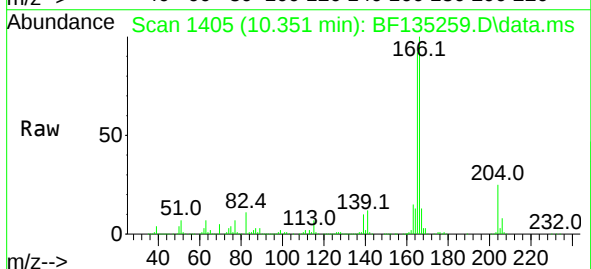
APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#58
Fluorene
Concen: 45.276 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

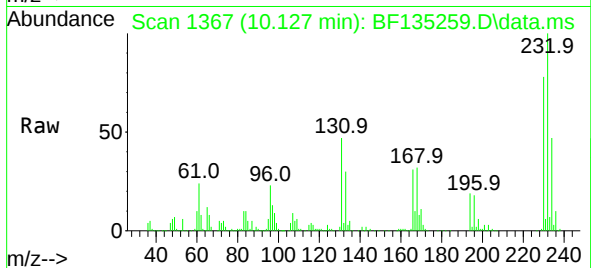
Tgt Ion:166 Resp: 648533
Ion Ratio Lower Upper
166 100
165 91.5 74.3 111.5
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.056 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

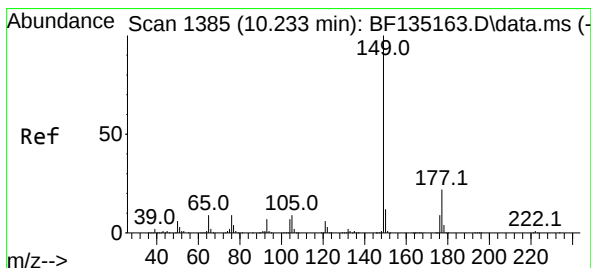
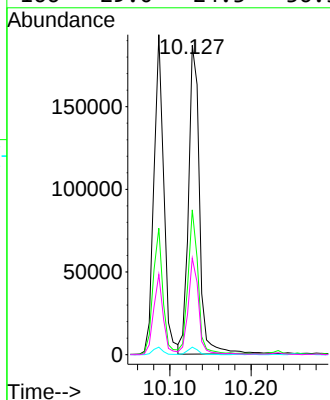
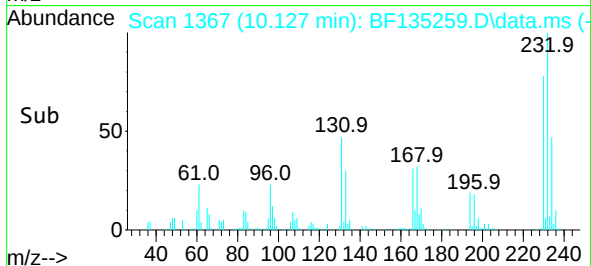
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



Tgt Ion:232 Resp: 176360
Ion Ratio Lower Upper
232 100
131 42.6 35.4 53.2
130 2.4 1.8 2.8
166 29.0 24.3 36.5

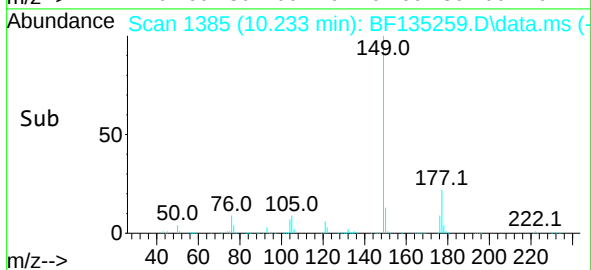
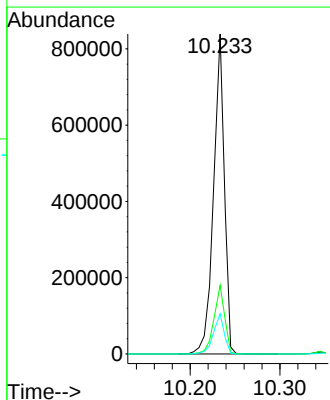
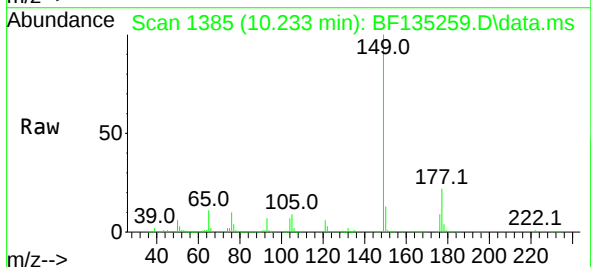
Manual Integrations
APPROVED

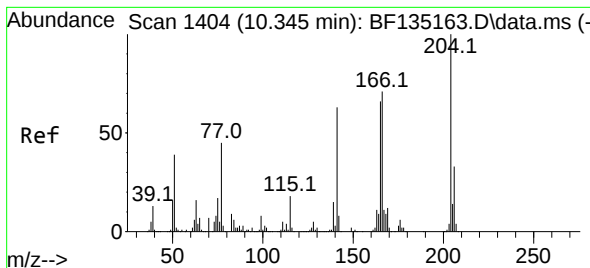
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#60
Diethylphthalate
Concen: 46.416 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

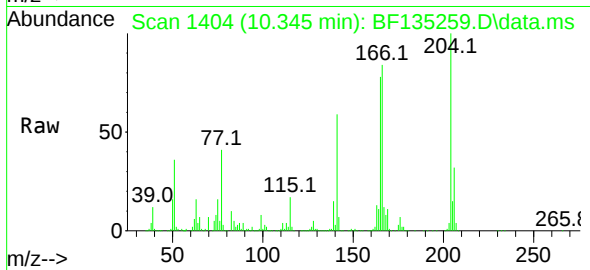
Tgt Ion:149 Resp: 702493
Ion Ratio Lower Upper
149 100
177 21.5 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.680 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

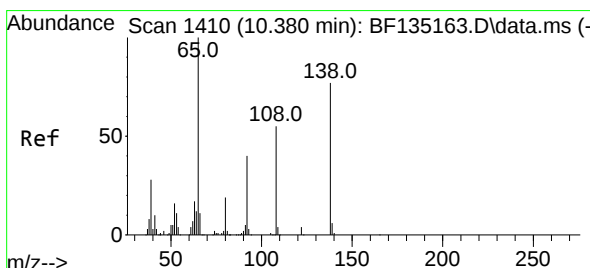
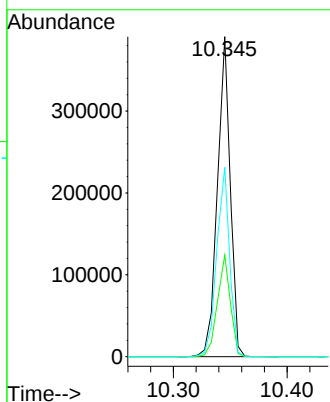
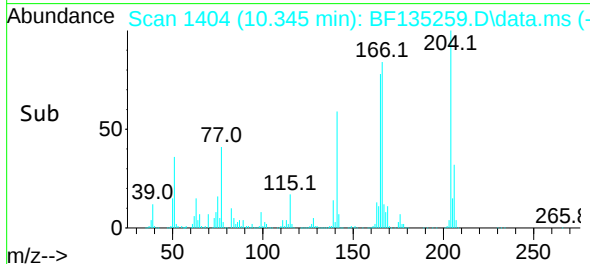
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



Tgt Ion:204 Resp: 307434
Ion Ratio Lower Upper
204 100
206 31.7 26.7 40.1
141 59.1 50.6 75.8

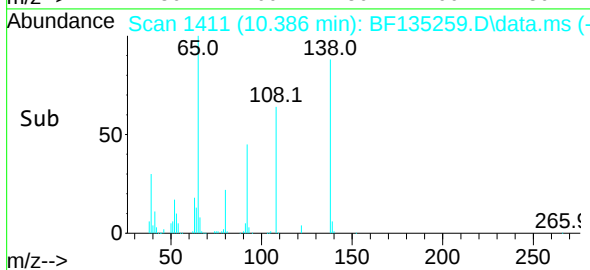
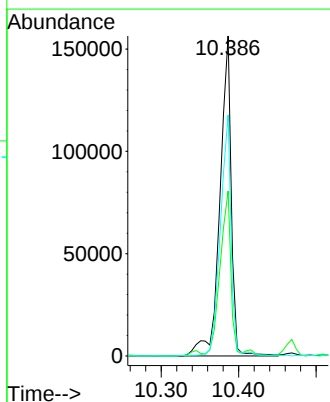
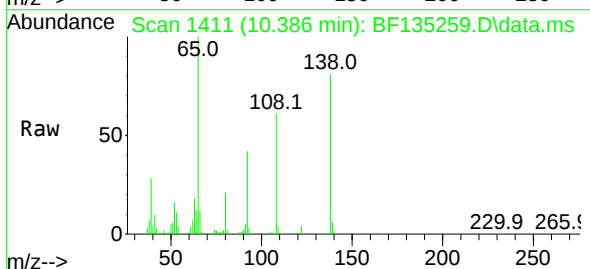
Manual Integrations
APPROVED

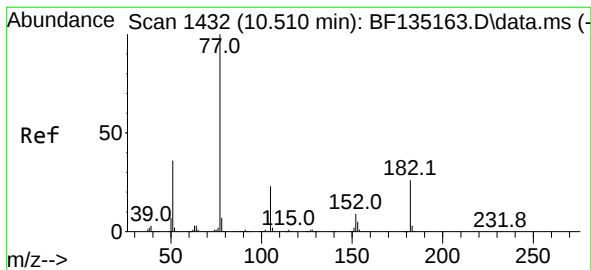
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#62
4-Nitroaniline
Concen: 42.714 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

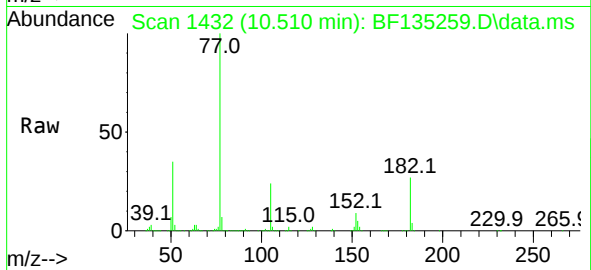
Tgt Ion:138 Resp: 159222
Ion Ratio Lower Upper
138 100
92 51.6 31.8 71.8
108 75.3 52.0 92.0





#63
Azobenzene
Concen: 45.347 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

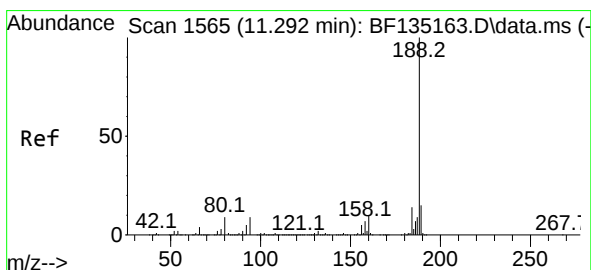
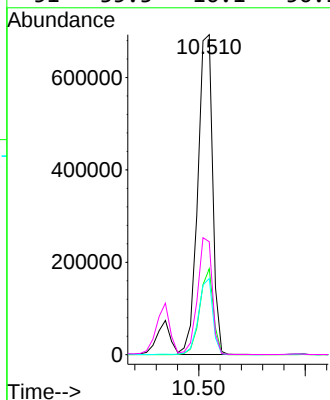
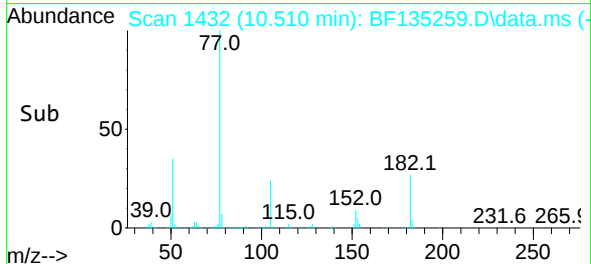
Instrument :
BNA_F
Client SampleId :
MW-4-6MSD



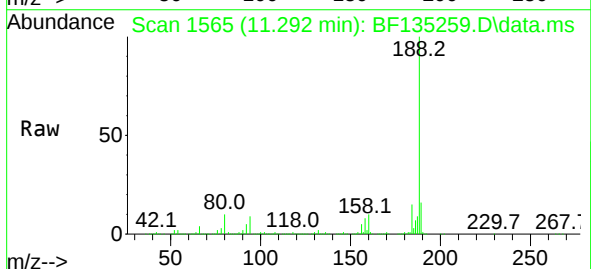
Tgt Ion: 77 Resp: 67169
Ion Ratio Lower Upper
77 100
182 26.9 6.4 46.4
105 23.8 3.1 43.1
51 35.3 16.1 56.1

Manual Integrations
APPROVED

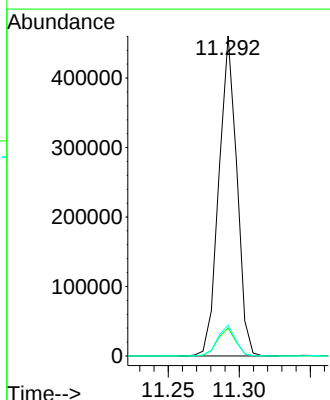
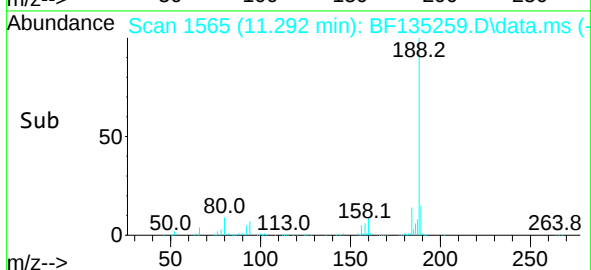
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

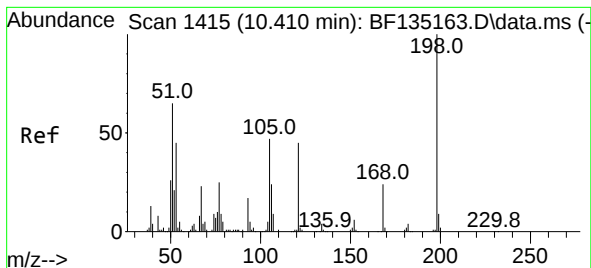


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54



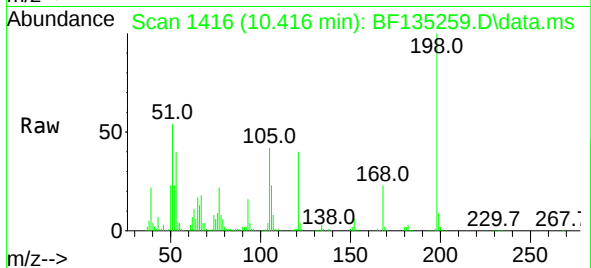
Tgt Ion:188 Resp: 404631
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.6 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 47.850 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

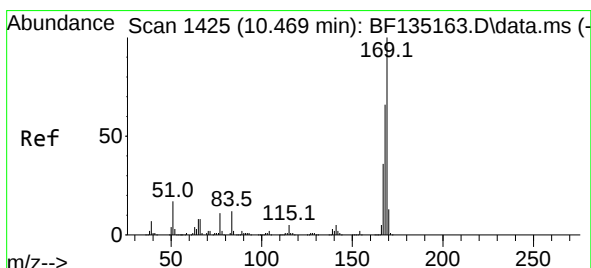
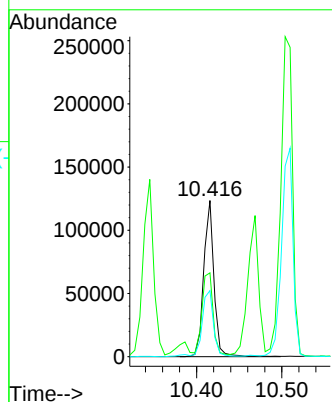
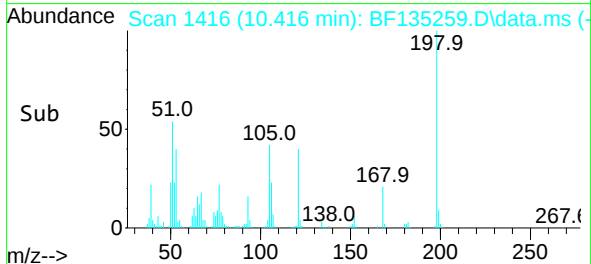
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



Tgt Ion:198 Resp: 102835
Ion Ratio Lower Upper
198 100
51 53.7 47.7 87.7
105 42.4 27.4 67.4

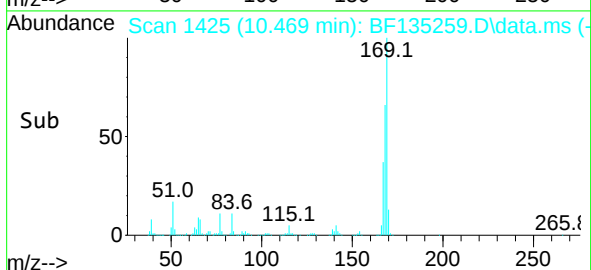
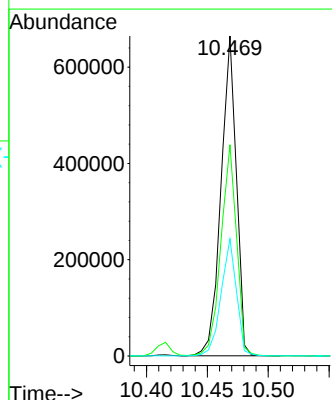
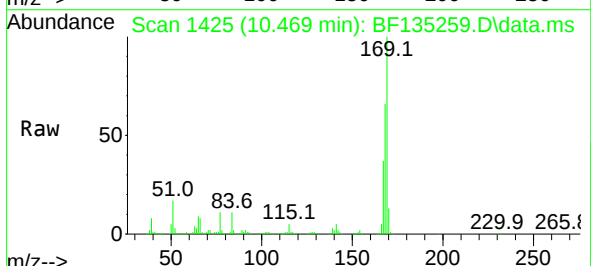
Manual Integrations
APPROVED

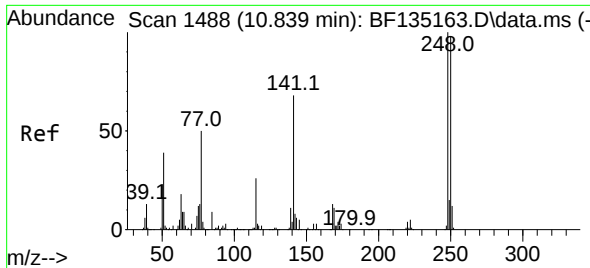
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#66
n-Nitrosodiphenylamine
Concen: 47.813 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

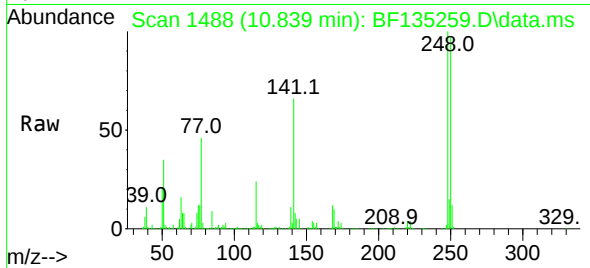
Tgt Ion:169 Resp: 585707
Ion Ratio Lower Upper
169 100
168 66.0 52.8 79.2
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 48.410 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

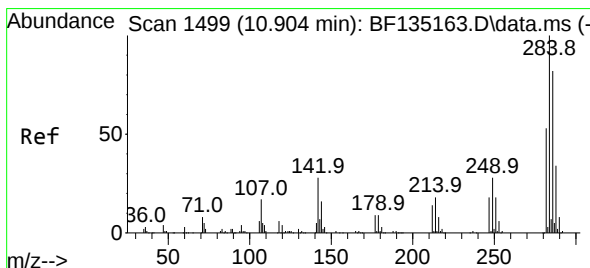
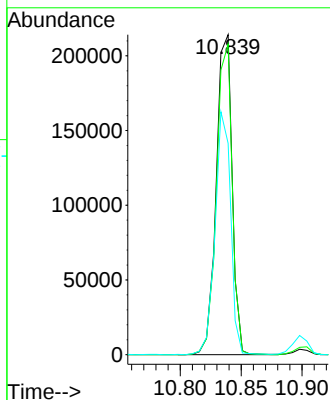
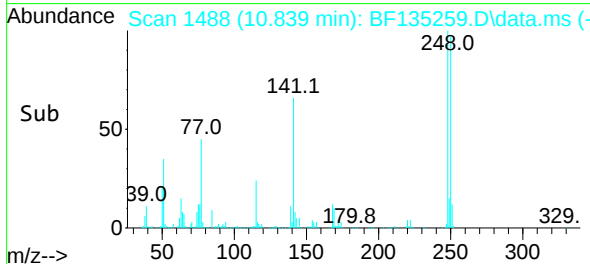
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



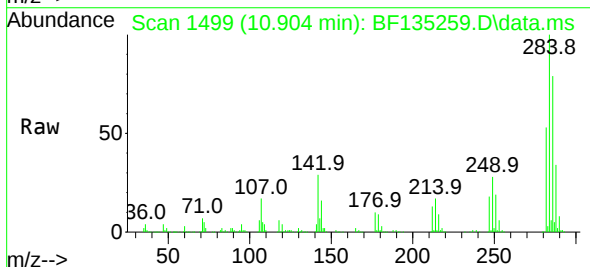
Tgt Ion:248 Resp: 19481
Ion Ratio Lower Upper
248 100
250 97.0 78.6 117.8
141 66.0 54.2 81.2

Manual Integrations
APPROVED

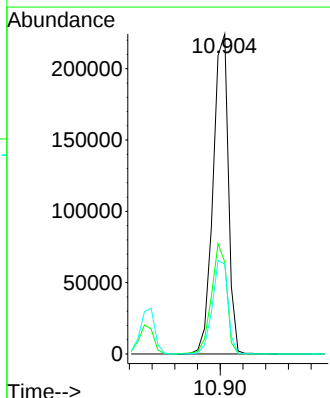
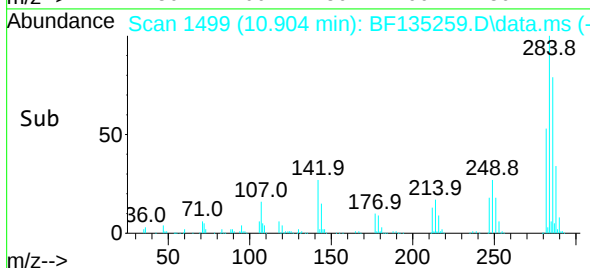
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

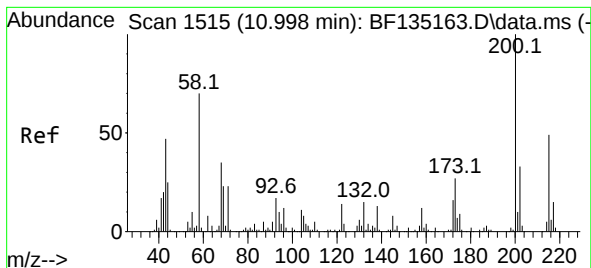


#68
Hexachlorobenzene
Concen: 51.173 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54



Tgt Ion:284 Resp: 209805
Ion Ratio Lower Upper
284 100
142 28.7 22.2 33.4
249 28.1 22.5 33.7





#69

Atrazine

Concen: 55.167 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135259.D

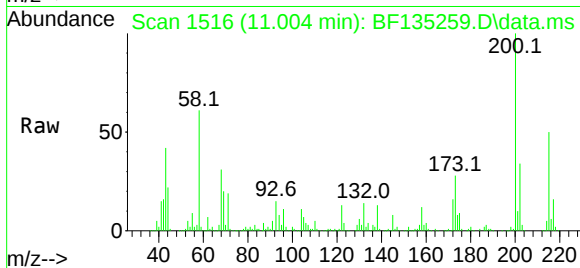
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD



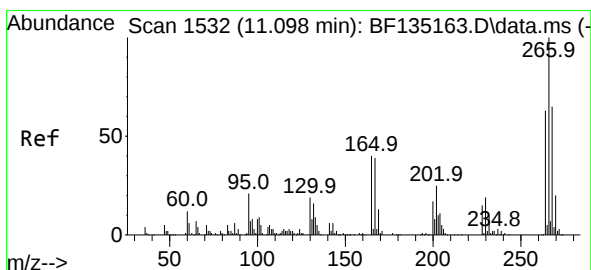
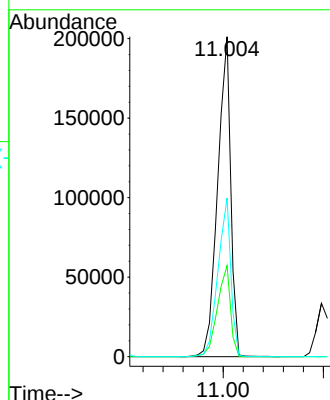
Tgt Ion:	200	Resp:	181840
Ion Ratio	Lower	Upper	
200	100		
173	28.5	7.4	47.4
215	49.6	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#70

Pentachlorophenol

Concen: 73.344 ng

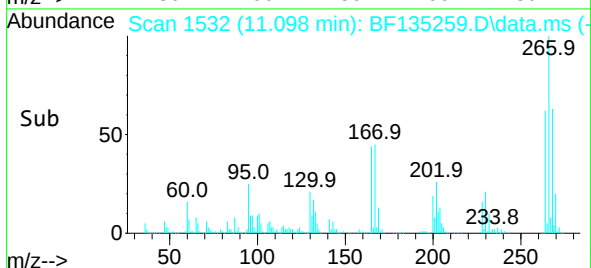
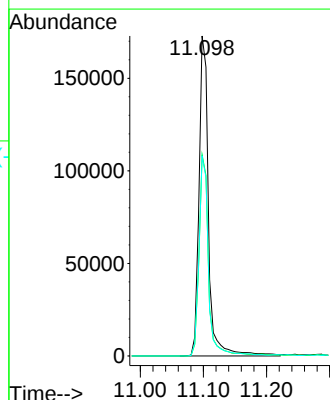
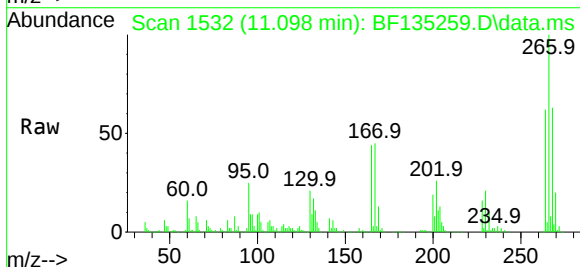
RT: 11.098 min Scan# 1532

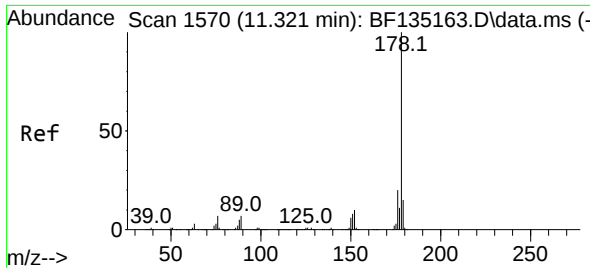
Delta R.T. 0.000 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Tgt Ion:	266	Resp:	179910
Ion Ratio	Lower	Upper	
266	100		
268	62.8	52.1	78.1
264	62.4	50.8	76.2





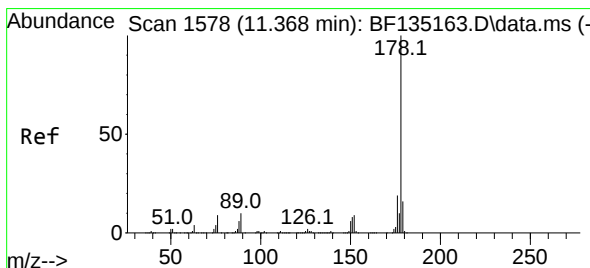
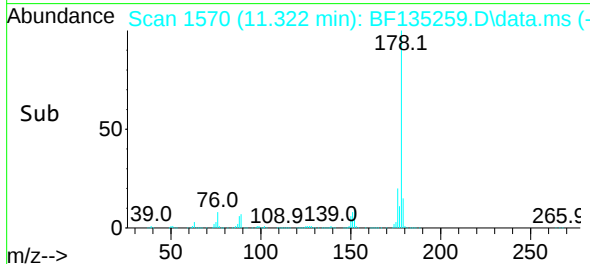
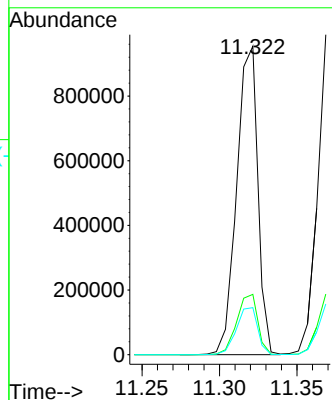
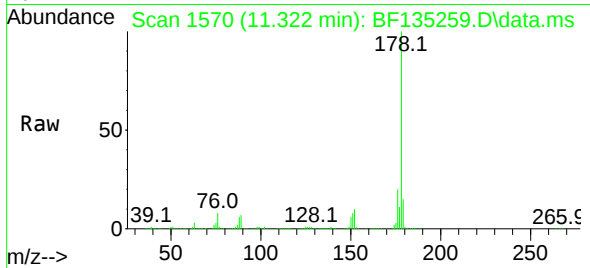
#71
Phenanthrene
Concen: 47.323 ng
RT: 11.322 min Scan# 11322
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD

Tgt Ion:178 Resp: 90564
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.3 12.0 18.0

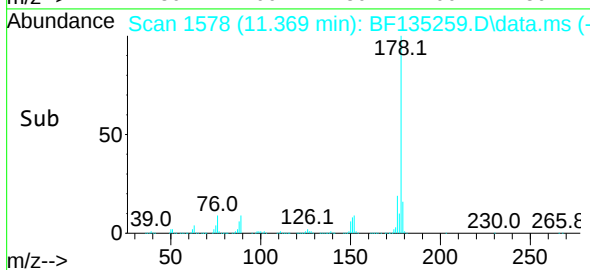
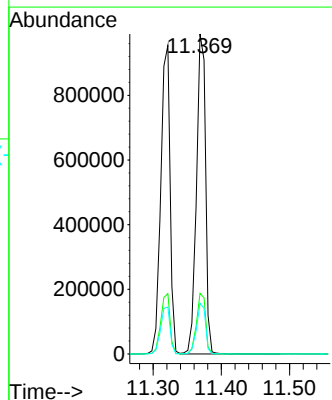
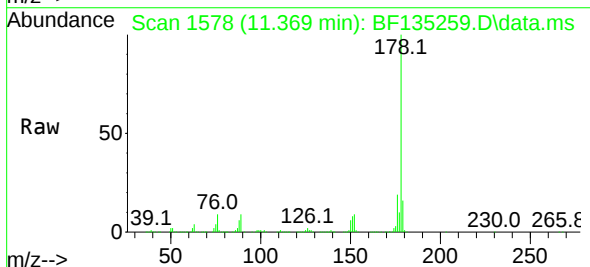
Manual Integrations
APPROVED

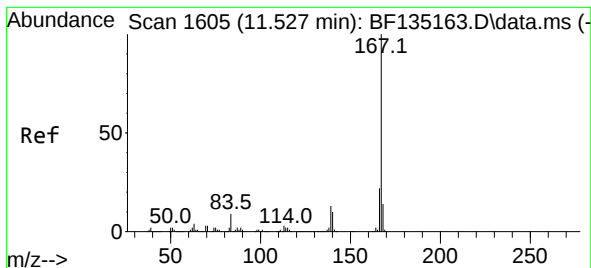
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#72
Anthracene
Concen: 46.638 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Tgt Ion:178 Resp: 917419
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.8 12.6 19.0





#73

Carbazole

Concen: 46.394 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

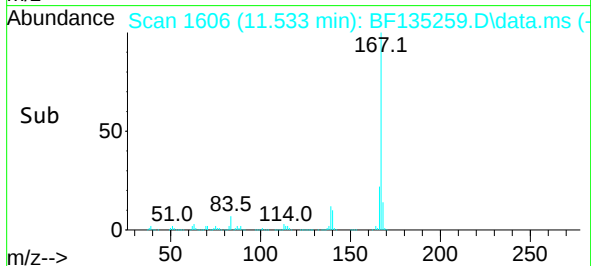
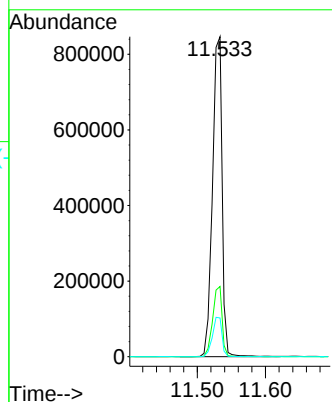
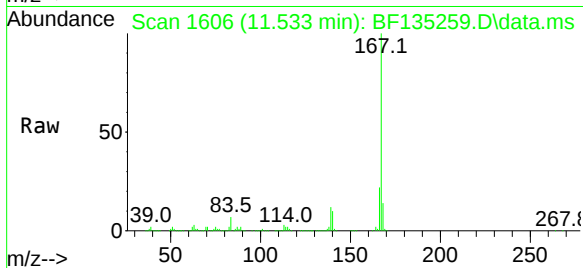
Tgt Ion:167	Resp: 83078
Ion Ratio	Lower Upper
167 100	
166 22.0	17.4 26.0
139 12.1	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#74

Di-n-butylphthalate

Concen: 49.700 ng

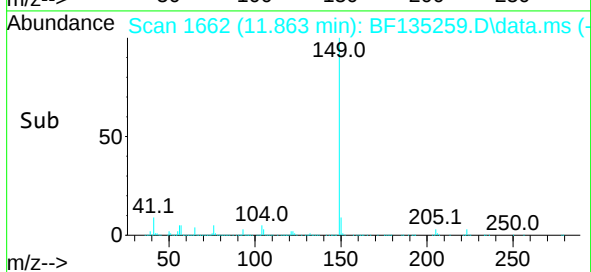
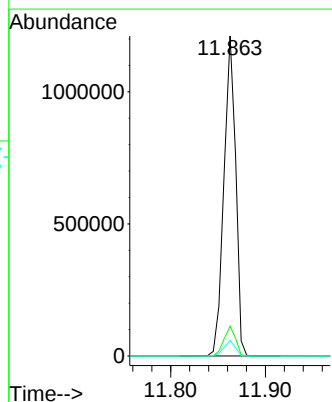
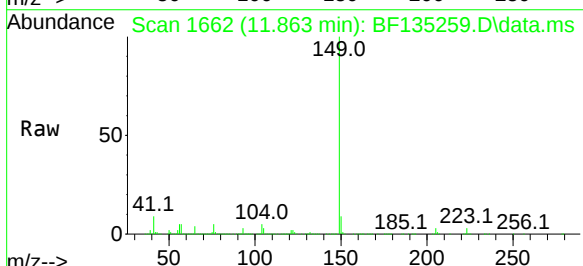
RT: 11.863 min Scan# 1662

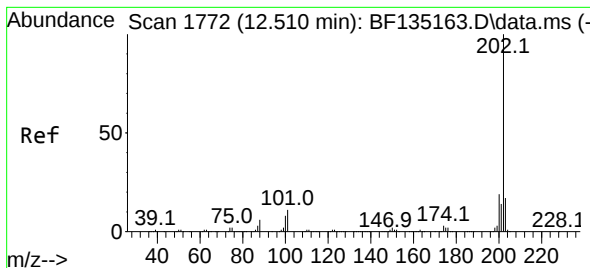
Delta R.T. 0.000 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

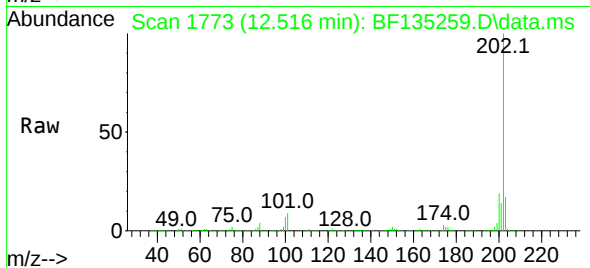
Tgt Ion:149	Resp: 1048706
Ion Ratio	Lower Upper
149 100	
150 9.3	7.4 11.0
104 4.9	3.6 5.4





#75
Fluoranthene
Concen: 43.775 ng
RT: 12.516 min Scan# 1772
Delta R.T. 0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

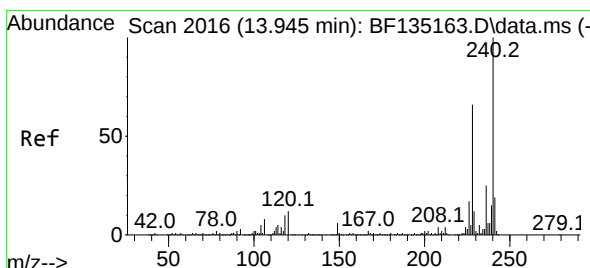
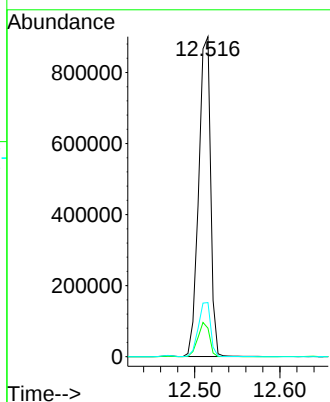
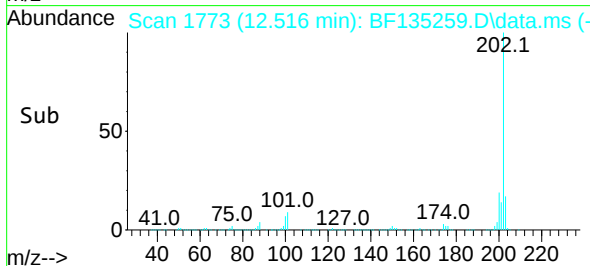
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



Tgt Ion:202 Resp: 872918
Ion Ratio Lower Upper
202 100
101 8.9 0.0 31.3
203 16.9 0.0 37.4

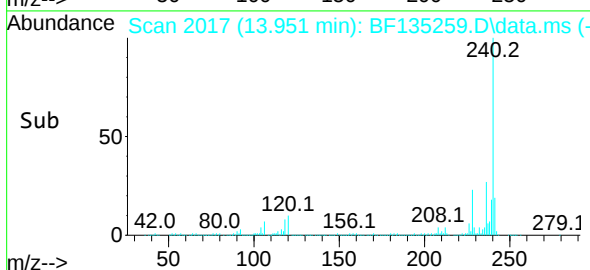
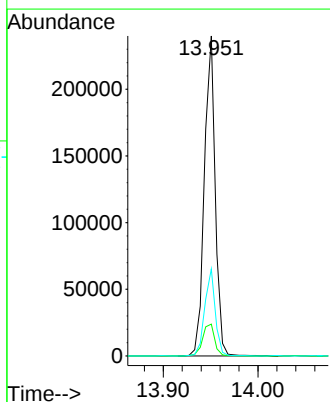
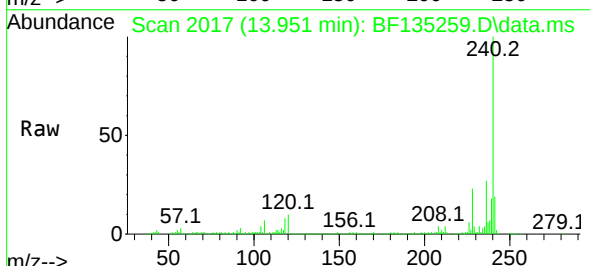
Manual Integrations
APPROVED

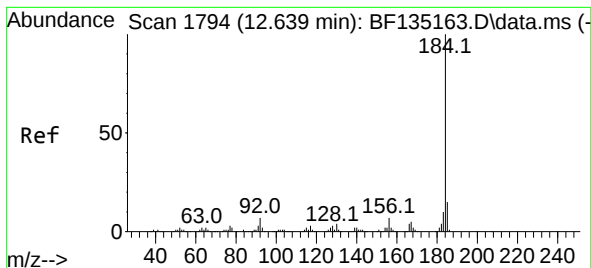
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1766
Delta R.T. 0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Tgt Ion:240 Resp: 191629
Ion Ratio Lower Upper
240 100
120 9.9 9.4 14.2
236 27.2 19.8 29.8





#77

Benzidine

Concen: 46.225 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135259.D

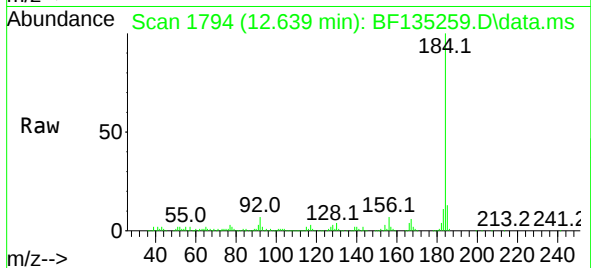
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD



Tgt Ion:184 Resp: 181475

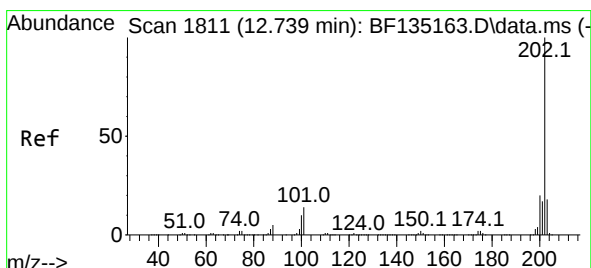
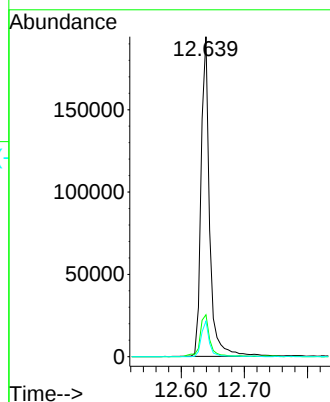
Ion	Ratio	Lower	Upper
184	100		
185	13.1	11.7	17.5
183	11.1	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#78

Pyrene

Concen: 47.491 ng

RT: 12.739 min Scan# 1811

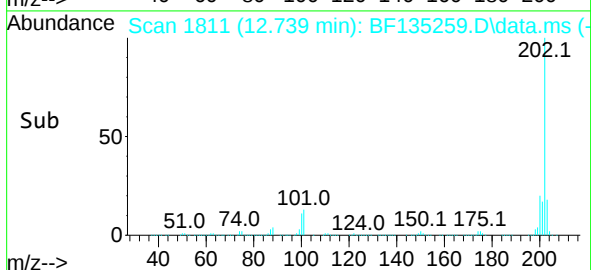
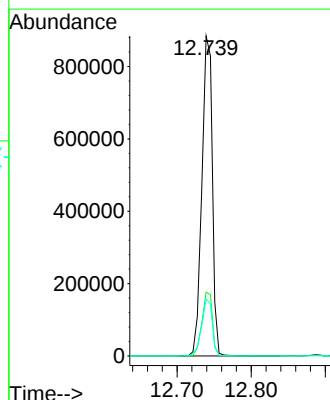
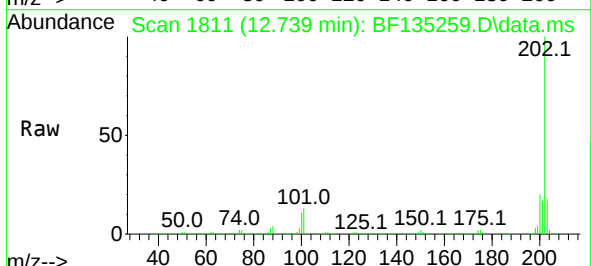
Delta R.T. 0.000 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Tgt Ion:202 Resp: 866460

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.2	24.2
203	17.8	14.2	21.4





#79

Terphenyl-d14

Concen: 75.247 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135259.D

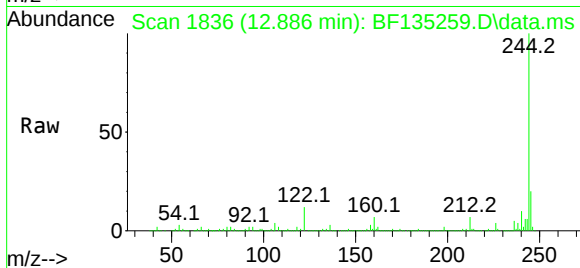
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD



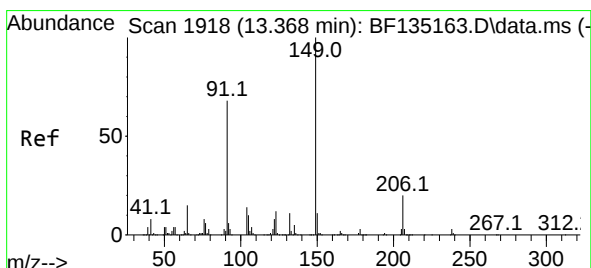
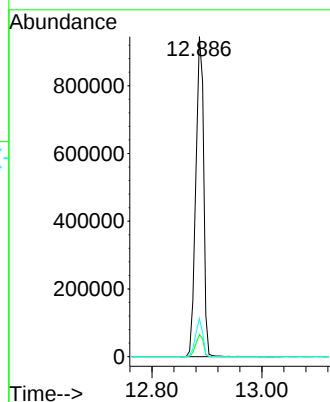
Tgt Ion:244	Resp:	930172
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.1 7.7
122	12.0	7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#80

Butylbenzylphthalate

Concen: 52.573 ng

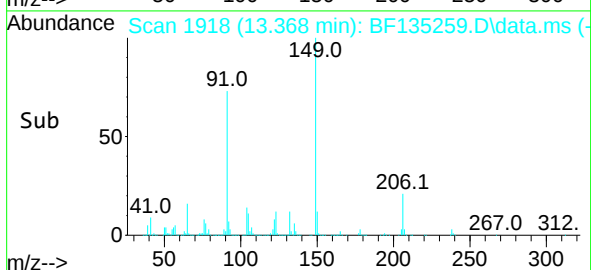
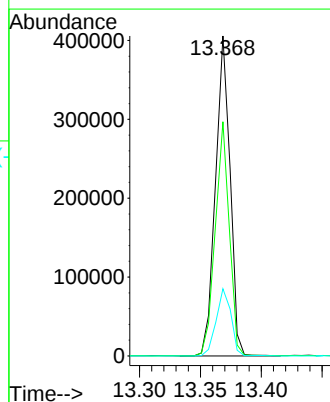
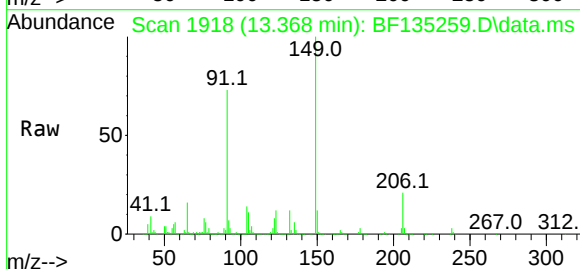
RT: 13.368 min Scan# 1918

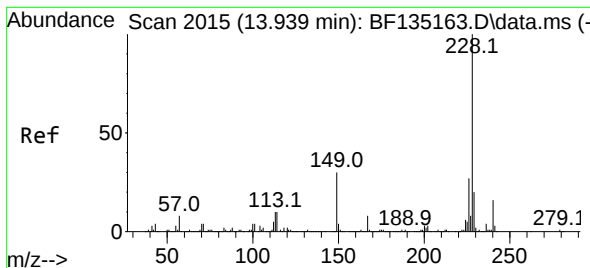
Delta R.T. 0.000 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Tgt Ion:149	Resp:	337711
Ion Ratio	Lower	Upper
149	100	
91	73.2	54.7 82.1
206	21.0	16.3 24.5





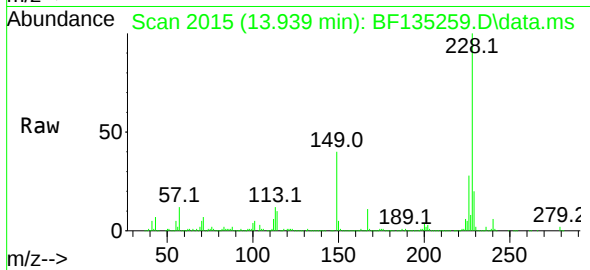
#81
Benzo(a)anthracene
Concen: 46.003 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

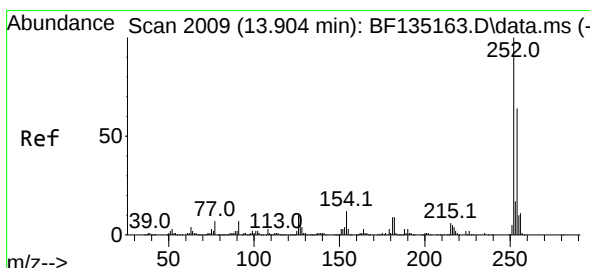
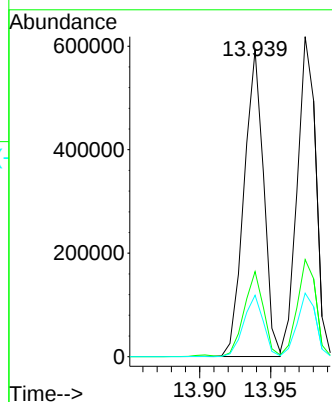
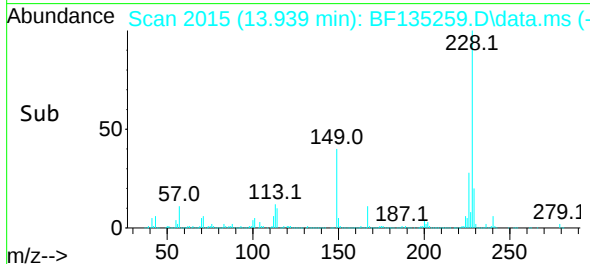


Tgt Ion:228 Resp: 569230
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.0 15.8 23.8

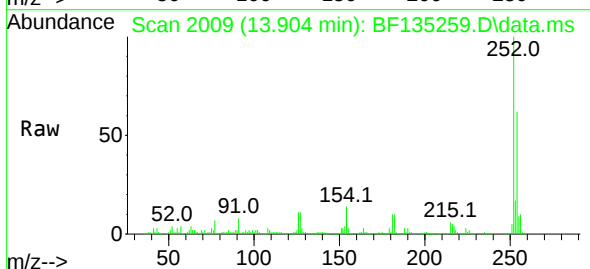
Manual Integrations

APPROVED

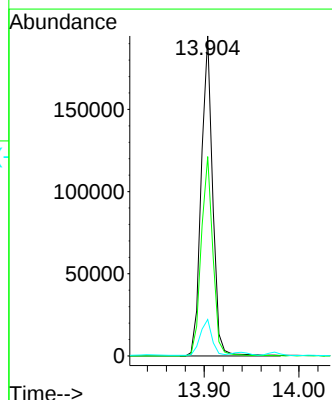
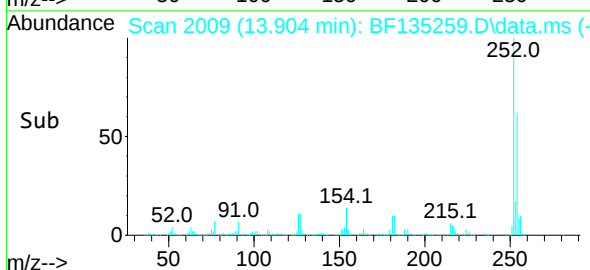
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

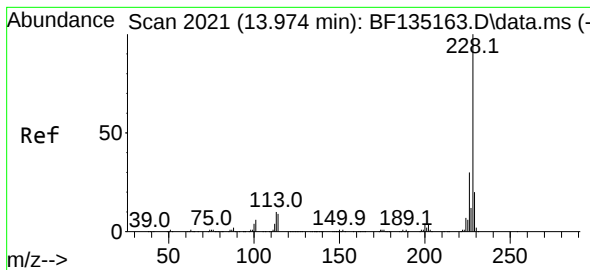


#82
3,3'-Dichlorobenzidine
Concen: 42.215 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54



Tgt Ion:252 Resp: 163165
Ion Ratio Lower Upper
252 100
254 62.3 51.0 76.4
126 11.4 7.8 11.8





#83

Chrysene

Concen: 45.867 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

Tgt Ion:228 Resp: 56428

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

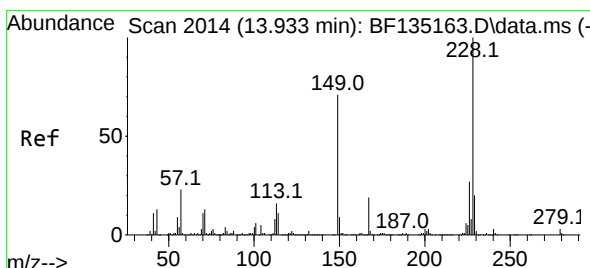
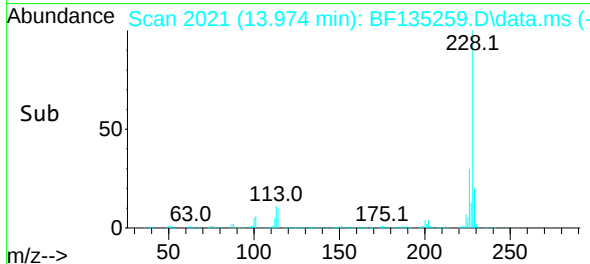
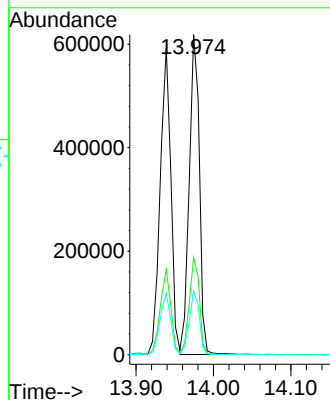
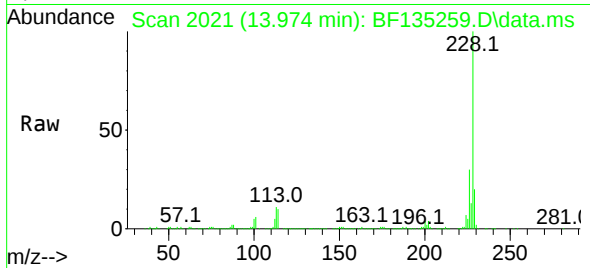
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.766 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

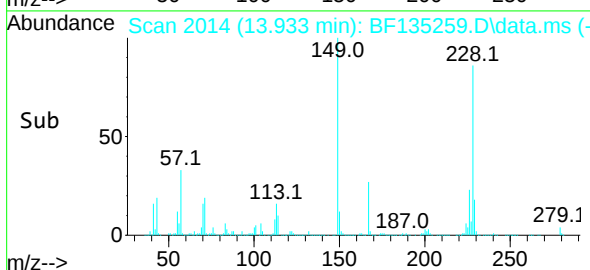
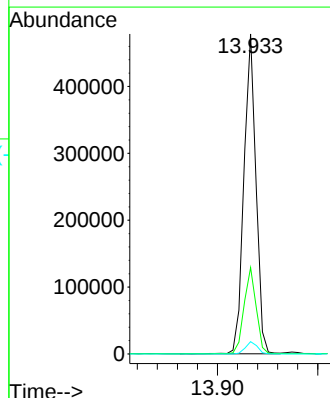
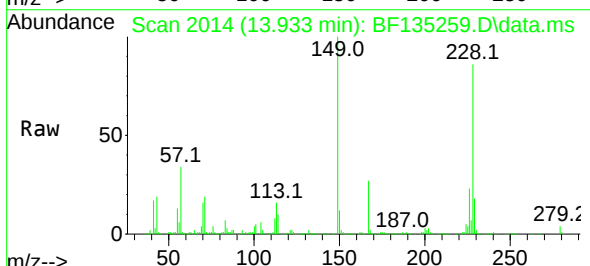
Tgt Ion:149 Resp: 400553

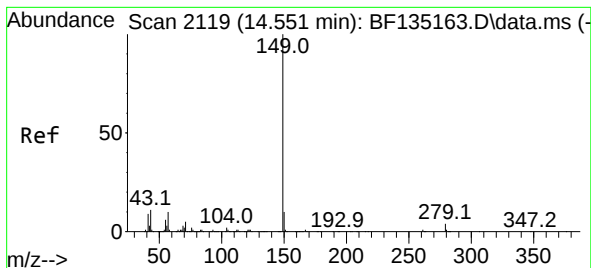
Ion Ratio Lower Upper

149 100

167 27.0 21.9 32.9

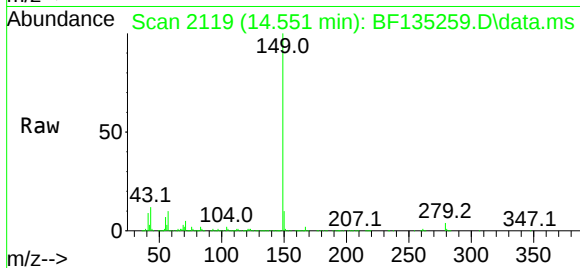
279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 62.401 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

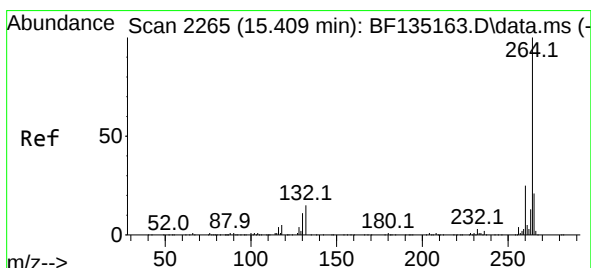
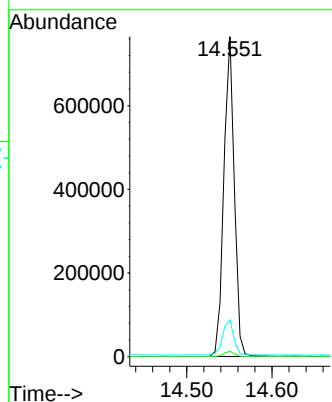
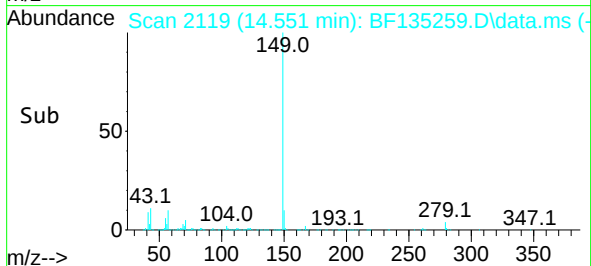
Instrument :
BNA_F
ClientSampleId :
MW-4-6MSD



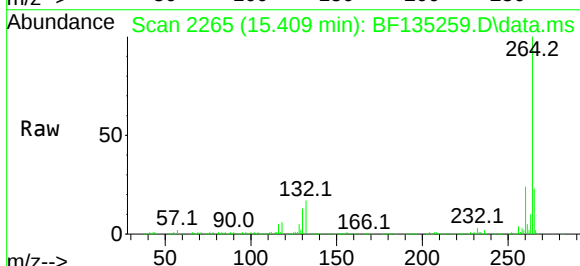
Tgt Ion:149 Resp: 653680
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 11.6 9.8 14.6

Manual Integrations
APPROVED

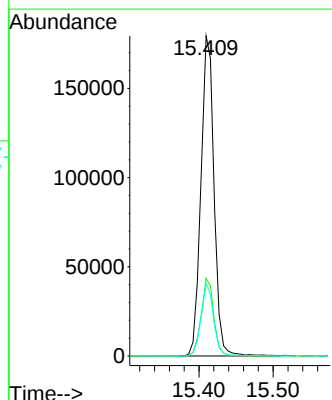
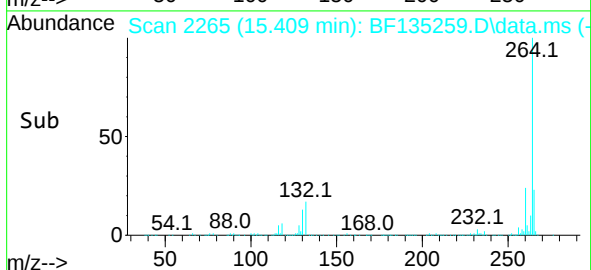
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

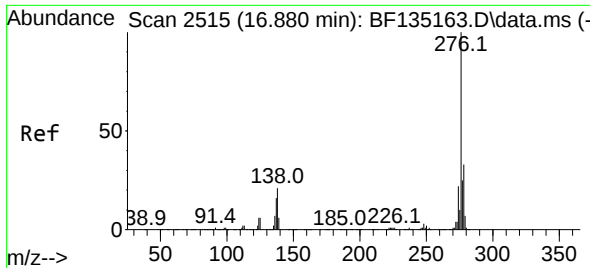


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54



Tgt Ion:264 Resp: 221481
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.6
265 22.6 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.135 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.018 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

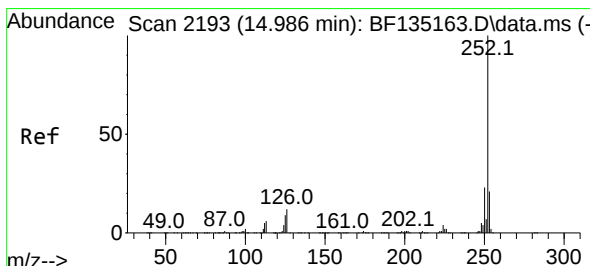
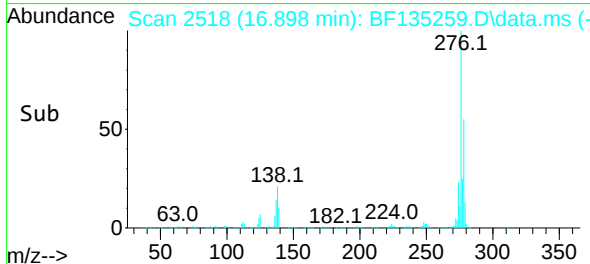
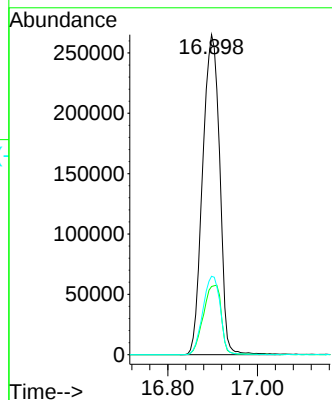
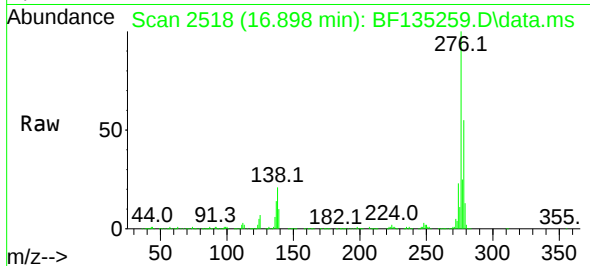
MW-4-6MSD

Tgt Ion:276 Resp: 69900
Ion Ratio Lower Upper
276 100
138 22.9 19.2 28.8
277 24.9 19.7 29.5

Manual Integrations

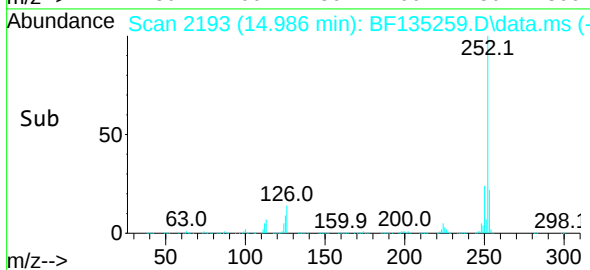
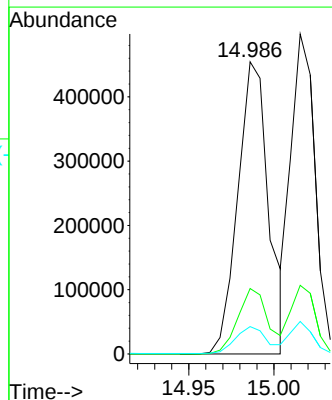
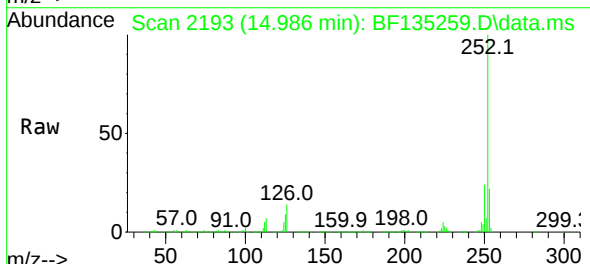
APPROVED

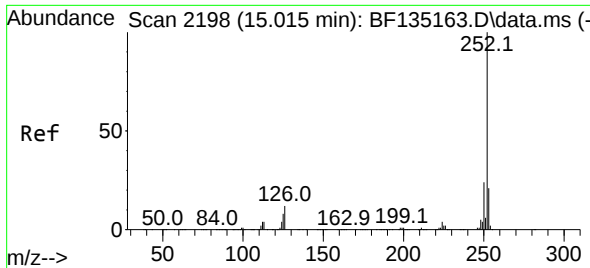
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#88
Benzo(b)fluoranthene
Concen: 47.879 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Tgt Ion:252 Resp: 574044
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 9.4 7.1 10.7





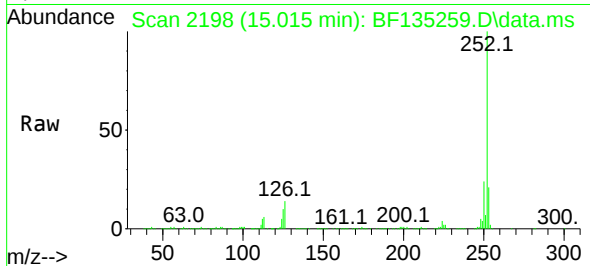
#89
Benzo(k)fluoranthene
Concen: 42.048 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

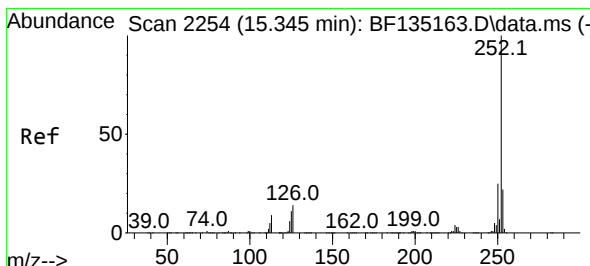
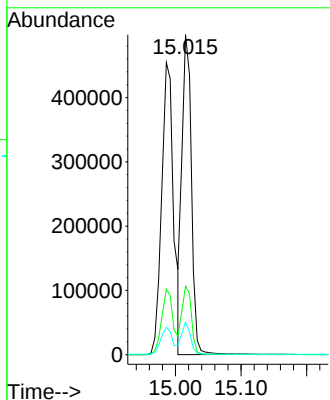
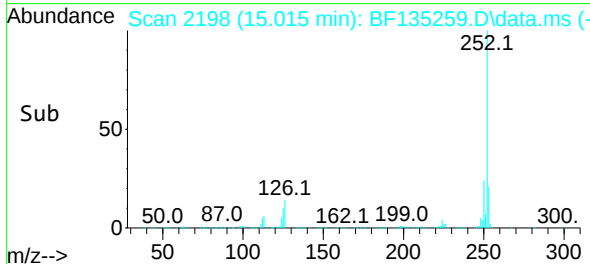


Tgt Ion:252 Resp: 497998
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 10.2 7.2 10.8

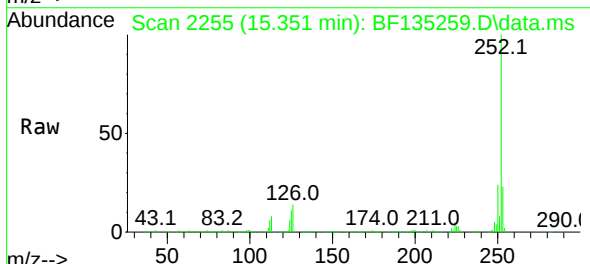
Manual Integrations

APPROVED

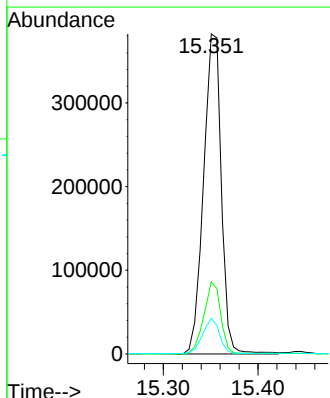
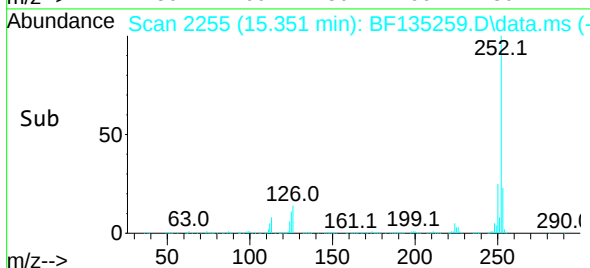
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

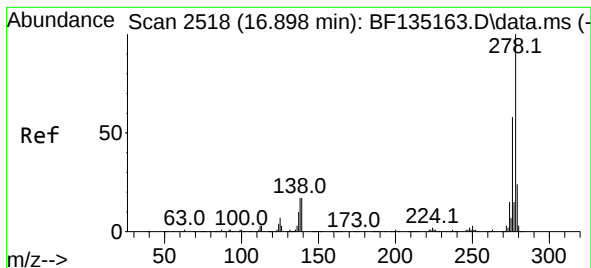


#90
Benzo(a)pyrene
Concen: 43.498 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135259.D
Acq: 14 Sep 2023 17:54



Tgt Ion:252 Resp: 497337
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.2 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 47.957 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.018 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Instrument :

BNA_F

ClientSampleId :

MW-4-6MSD

Tgt Ion:278 Resp: 569818

Ion Ratio Lower Upper

278 100

139 14.1 13.4 20.0

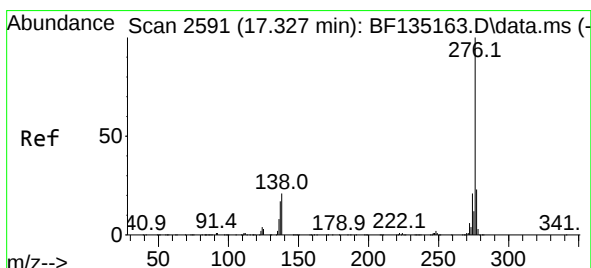
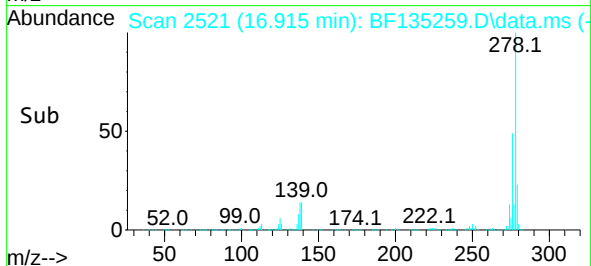
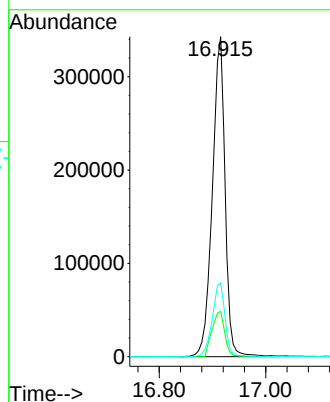
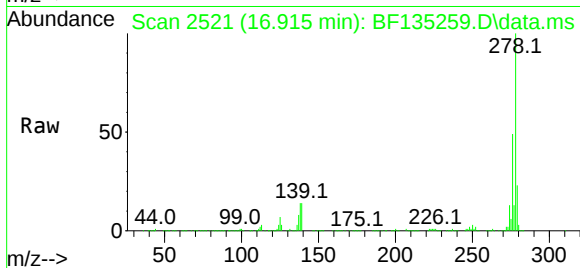
279 23.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#92

Benzo(g,h,i)perylene

Concen: 45.762 ng

RT: 17.345 min Scan# 2594

Delta R.T. 0.018 min

Lab File: BF135259.D

Acq: 14 Sep 2023 17:54

Tgt Ion:276 Resp: 567868

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 20.8 16.9 25.3

