

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133906.D
 Acq On : 22 Jun 2023 17:42
 Operator : CG\JU
 Sample : 03320-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-19MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 02:31:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	100423	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	381138	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	174223	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	283852	20.000	ng	0.00
76) Chrysene-d12	14.057	240	215008	20.000	ng	0.00
86) Perylene-d12	15.562	264	177769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	529021	91.709	ng	0.00
7) Phenol-d6	6.498	99	649221	86.464	ng	0.00
23) Nitrobenzene-d5	7.422	82	415635	59.397	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	192613	87.339	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	810809	66.155	ng	0.00
79) Terphenyl-d14	12.986	244	785950	56.562	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	94217	37.151	ng	97
3) Pyridine	3.451	79	244531	33.081	ng	100
4) n-Nitrosodimethylamine	3.416	42	173425	42.445	ng	98
6) Aniline	6.528	93	359906	38.056	ng	99
8) 2-Chlorophenol	6.645	128	282087	46.403	ng	98
9) Benzaldehyde	6.416	77	147384	29.586	ng	99
10) Phenol	6.516	94	350188	44.664	ng	93
11) bis(2-Chloroethyl)ether	6.598	93	255187	43.841	ng	94
12) 1,3-Dichlorobenzene	6.804	146	303689	46.757	ng	98
13) 1,4-Dichlorobenzene	6.881	146	305875	46.594	ng	97
14) 1,2-Dichlorobenzene	7.028	146	293989	49.561	ng	98
15) Benzyl Alcohol	7.004	79	252558	43.066	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	460247	46.646	ng	98
17) 2-Methylphenol	7.116	107	232847	43.214	ng	99
18) Hexachloroethane	7.369	117	110696	49.255	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	196797	41.194	ng	99
20) 3+4-Methylphenols	7.269	107	278039	39.667	ng	# 84
22) Acetophenone	7.269	105	389408	44.546	ng	# 94
24) Nitrobenzene	7.445	77	307546	43.647	ng	99
25) Isophorone	7.681	82	551679	42.943	ng	99
26) 2-Nitrophenol	7.757	139	150970	47.741	ng	96
27) 2,4-Dimethylphenol	7.798	122	253356	46.483	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	324632	43.721	ng	99
29) 2,4-Dichlorophenol	7.998	162	238700	44.685	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	248991	44.675	ng	98
31) Naphthalene	8.163	128	786458	42.353	ng	100
32) Benzoic acid	7.910	122	158584	46.134	ng	96
33) 4-Chloroaniline	8.216	127	265956	33.497	ng	95
34) Hexachlorobutadiene	8.275	225	156953	43.012	ng	99
35) Caprolactam	8.592	113	79869m	44.433	ng	
36) 4-Chloro-3-methylphenol	8.698	107	259641	42.168	ng	100
37) 2-Methylnaphthalene	8.857	142	528633	40.973	ng	98
38) 1-Methylnaphthalene	8.957	142	489539	41.234	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	250844	47.360	ng	98
41) Hexachlorocyclopentadiene	9.004	237	126559	53.620	ng	95
43) 2,4,6-Trichlorophenol	9.133	196	165073	46.639	ng	98

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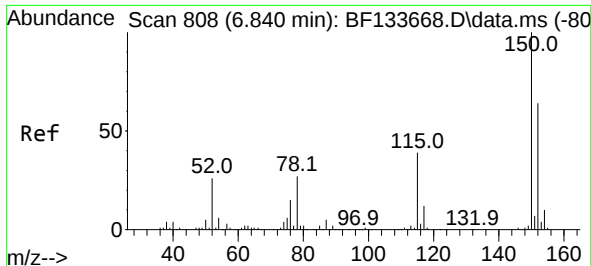
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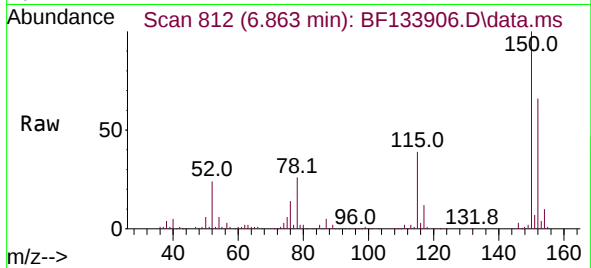
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	176938	42.971	ng	94
46) 1,1'-Biphenyl	9.322	154	671826	47.812	ng	99
47) 2-Chloronaphthalene	9.345	162	480629	47.685	ng	99
48) 2-Nitroaniline	9.445	65	167530	45.447	ng	97
49) Acenaphthylene	9.763	152	776159	44.243	ng	100
50) Dimethylphthalate	9.622	163	597885	45.976	ng	99
51) 2,6-Dinitrotoluene	9.686	165	125186	46.638	ng	# 83
52) Acenaphthene	9.933	154	448484	43.676	ng	99
53) 3-Nitroaniline	9.857	138	127539	39.044	ng	91
54) 2,4-Dinitrophenol	9.963	184	65292	51.937	ng	89
55) Dibenzofuran	10.110	168	692646	44.206	ng	99
56) 4-Nitrophenol	10.022	139	178357	80.904	ng	# 81
57) 2,4-Dinitrotoluene	10.092	165	155649	45.594	ng	98
58) Fluorene	10.451	166	514392	42.929	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	135363	43.909	ng	99
60) Diethylphthalate	10.327	149	599780	45.317	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	259083	43.799	ng	97
62) 4-Nitroaniline	10.475	138	118412	36.972	ng	99
63) Azobenzene	10.604	77	576649	46.023	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	49980	36.848	ng	97
66) n-Nitrosodiphenylamine	10.563	169	465549	48.827	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	152590	48.164	ng	98
68) Hexachlorobenzene	10.998	284	156858	47.082	ng	96
69) Atrazine	11.092	200	143517	51.878	ng	97
70) Pentachlorophenol	11.198	266	152013	76.198	ng	98
71) Phenanthrene	11.416	178	647073	44.932	ng	100
72) Anthracene	11.469	178	657445	43.783	ng	99
73) Carbazole	11.627	167	602737	43.097	ng	98
74) Di-n-butylphthalate	11.957	149	803618	44.822	ng	99
75) Fluoranthene	12.616	202	677978	44.332	ng	100
77) Benzidine	12.739	184	477977	66.249	ng	99
78) Pyrene	12.845	202	705460	35.222	ng	100
80) Butylbenzylphthalate	13.468	149	314201	37.159	ng	100
81) Benzo(a)anthracene	14.045	228	659702	44.358	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	250723	50.708	ng	99
83) Chrysene	14.080	228	609057	43.299	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	440649	42.325	ng	98
85) Di-n-octyl phthalate	14.651	149	802507	54.242	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	433703	35.462	ng	99
88) Benzo(b)fluoranthene	15.115	252	548985	50.838	ng	98
89) Benzo(k)fluoranthene	15.145	252	548510	52.144	ng	99
90) Benzo(a)pyrene	15.498	252	434032	43.308	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	361512	35.705	ng	99
92) Benzo(g,h,i)perylene	17.586	276	344897	34.356	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

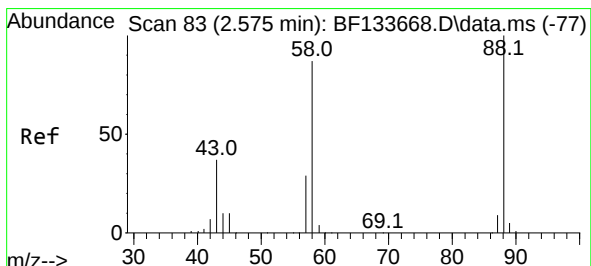
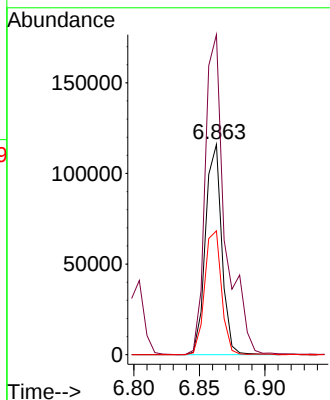
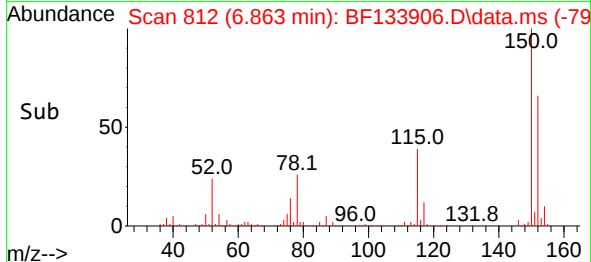
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



Tgt Ion:152 Resp: 10042
Ion Ratio Lower Upper
152 100
150 152.2 124.3 186.5
115 58.9 48.5 72.7

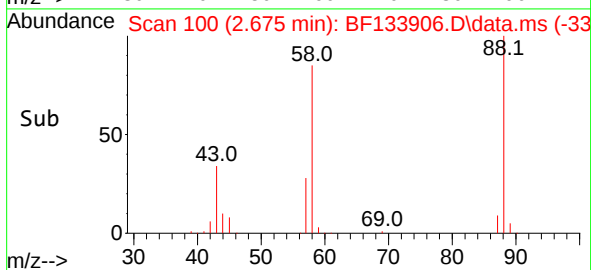
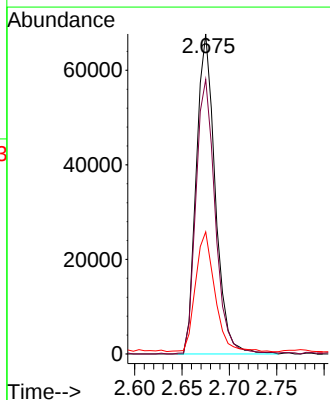
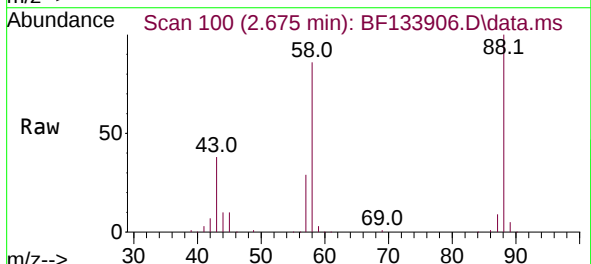
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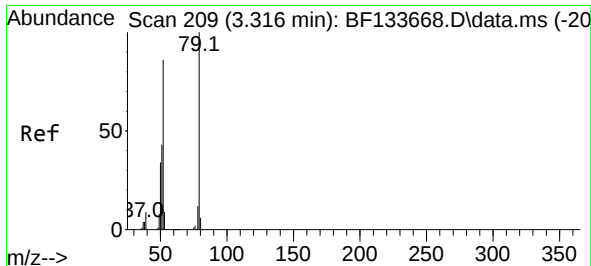
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#2
1,4-Dioxane
Concen: 37.151 ng
RT: 2.675 min Scan# 100
Delta R.T. 0.041 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

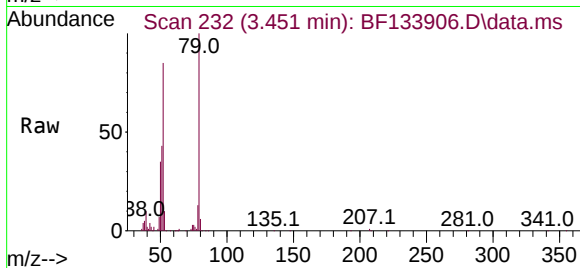
Tgt Ion: 88 Resp: 94217
Ion Ratio Lower Upper
88 100
58 87.6 67.8 101.6
43 38.3 29.8 44.6





#3
Pyridine
Concen: 33.081 ng
RT: 3.451 min Scan# 21
Delta R.T. 0.030 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

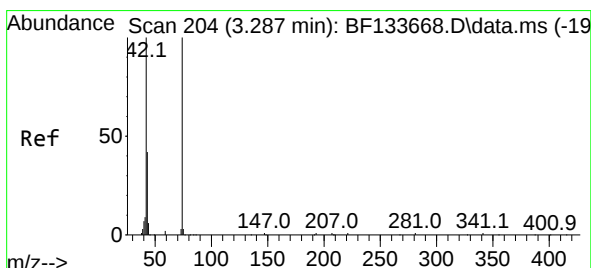
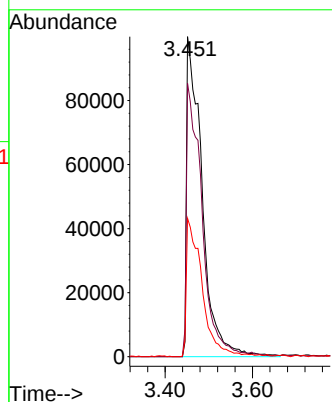
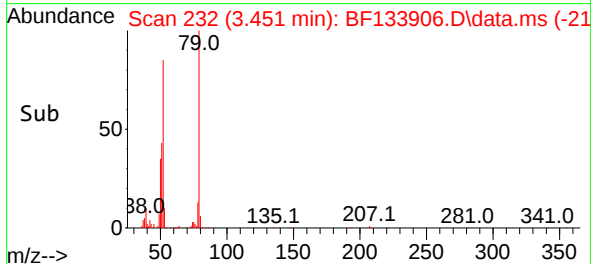
Instrument :
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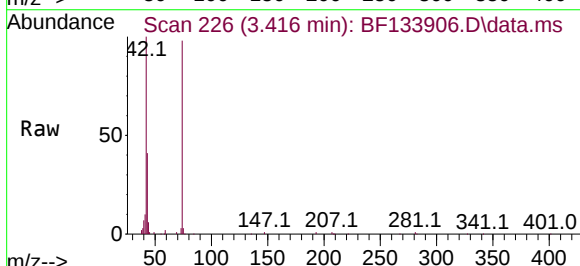
Tgt Ion: 79 Resp: 24453
Ion Ratio Lower Upper
79 100
52 85.4 68.6 102.8
51 43.2 34.8 52.2

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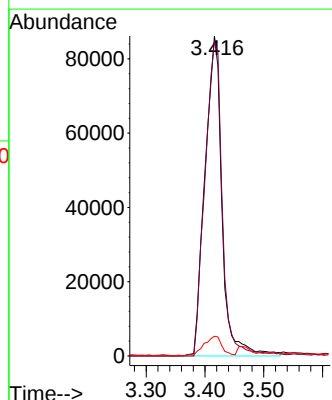
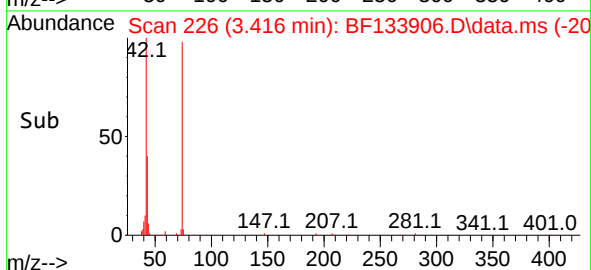
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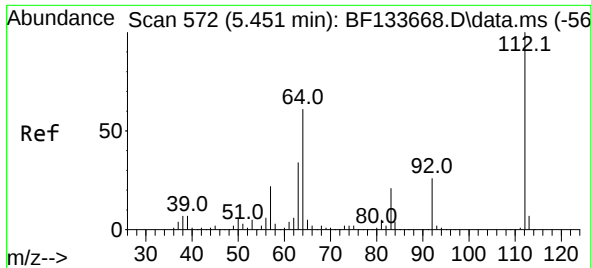


#4
n-Nitrosodimethylamine
Concen: 42.445 ng
RT: 3.416 min Scan# 226
Delta R.T. 0.035 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



Tgt Ion: 42 Resp: 173425
Ion Ratio Lower Upper
42 100
74 98.2 79.8 119.8
44 6.2 4.7 7.1





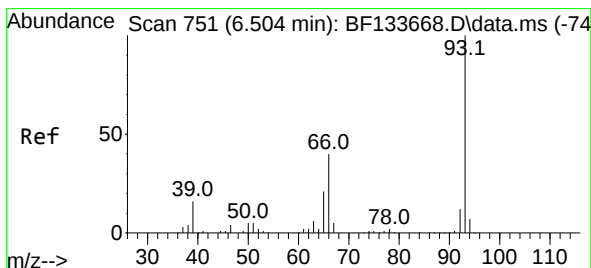
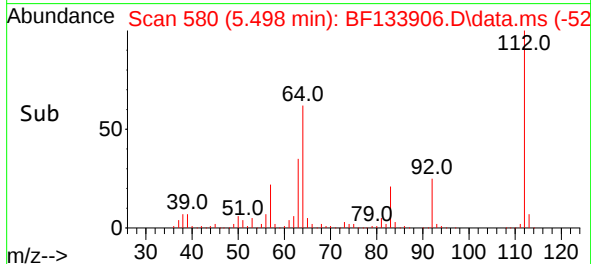
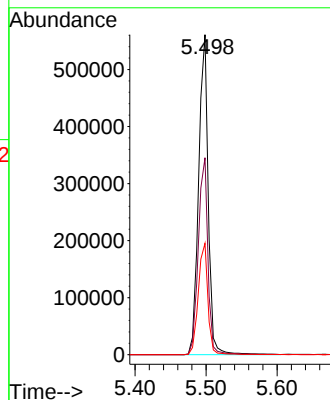
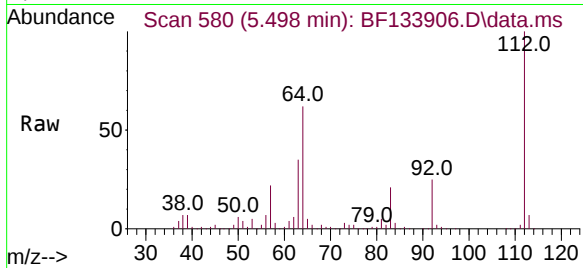
#5
2-Fluorophenol
Concen: 91.709 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Instrument :
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Tgt Ion:112 Resp: 52902
Ion Ratio Lower Upper
112 100
64 61.5 49.0 73.4
63 34.8 26.8 40.2

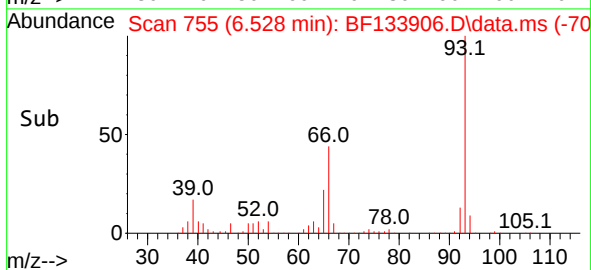
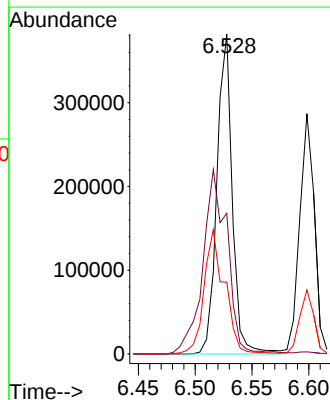
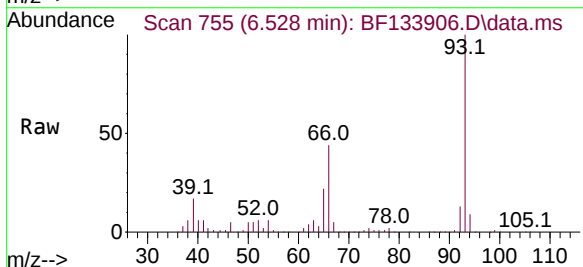
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#6
Aniline
Concen: 38.056 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

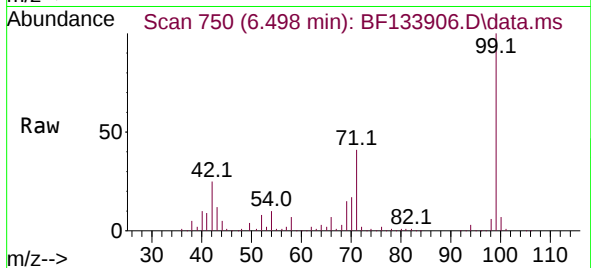
Tgt Ion: 93 Resp: 359906
Ion Ratio Lower Upper
93 100
66 43.9 34.4 51.6
65 22.5 17.5 26.3





#7
Phenol-d6
Concen: 86.464 ng
RT: 6.498 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

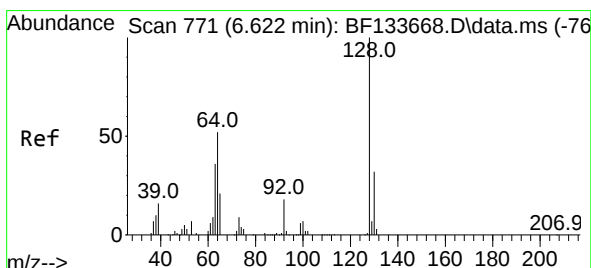
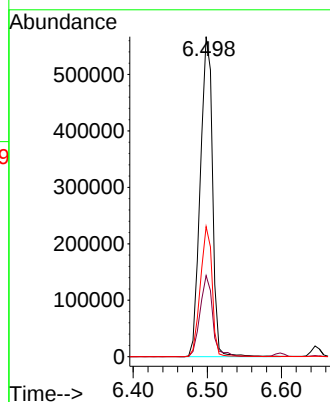
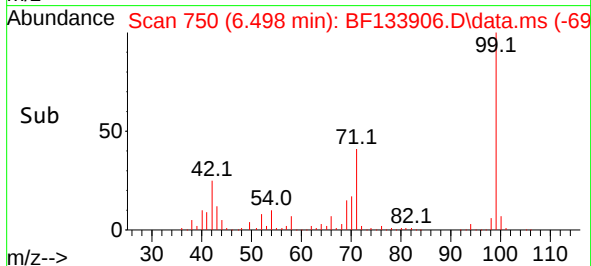
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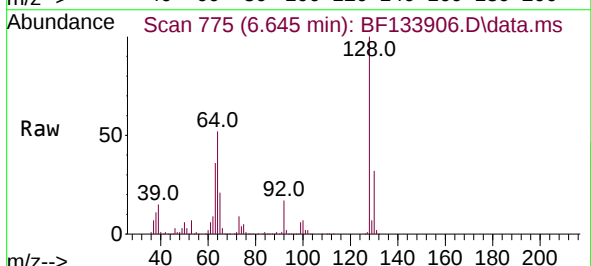
Tgt Ion: 99 Resp: 64922
Ion Ratio Lower Upper
99 100
42 25.4 19.9 29.9
71 40.6 32.2 48.4

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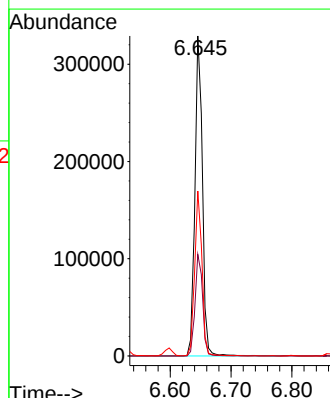
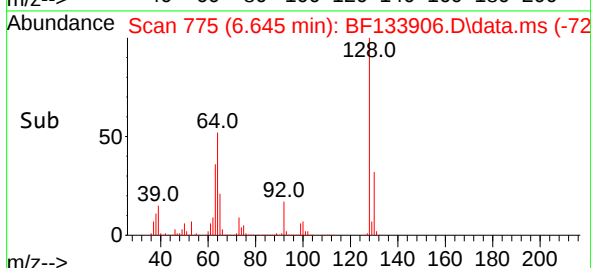
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#8
2-Chlorophenol
Concen: 46.403 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



Tgt Ion:128 Resp: 282087
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 51.6 33.1 73.1





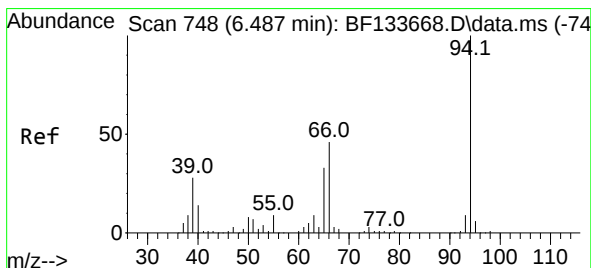
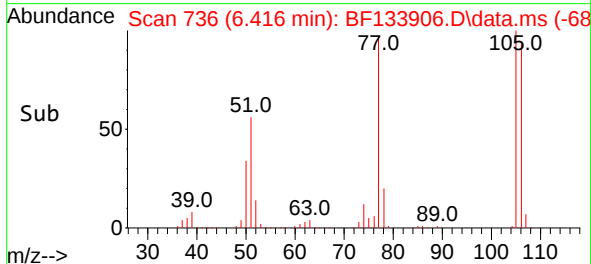
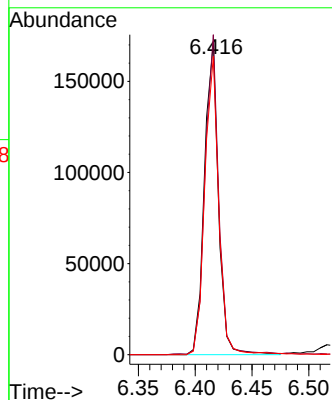
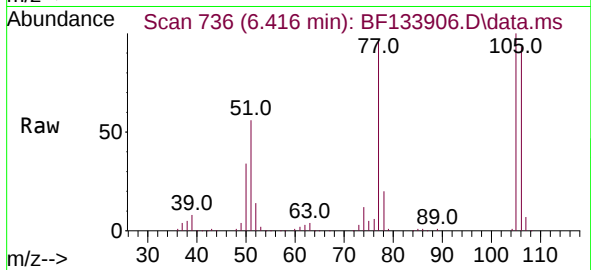
#9
Benzaldehyde
Concen: 29.586 ng
RT: 6.416 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Instrument :
BNA_F
ClientSampleId :
WC-19MSD

Tgt Ion: 77 Resp: 147384
Ion Ratio Lower Upper
77 100
105 102.7 82.0 122.0
106 95.7 77.6 117.6

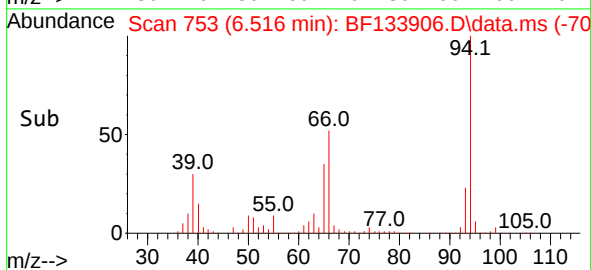
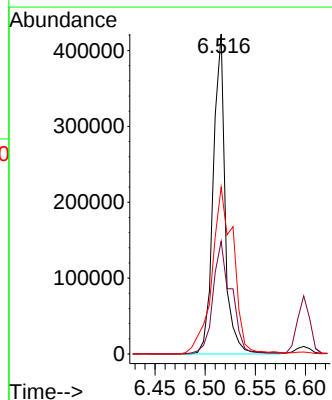
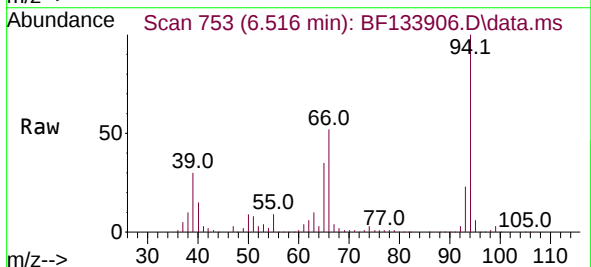
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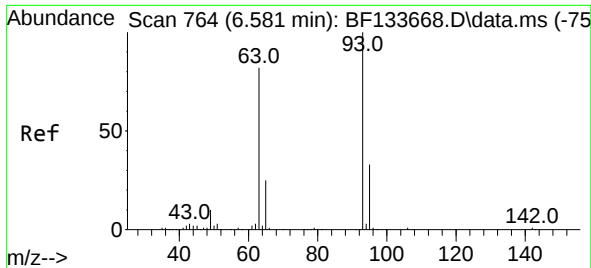
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Phenol
Concen: 44.664 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Tgt Ion: 94 Resp: 350188
Ion Ratio Lower Upper
94 100
65 35.2 13.2 53.2
66 52.2 26.1 66.1





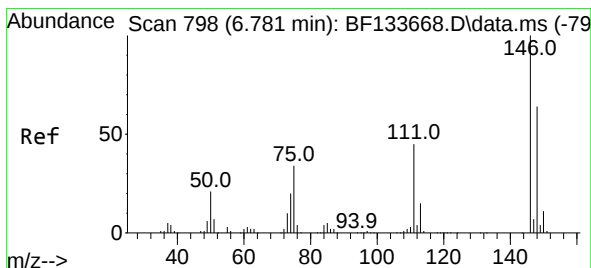
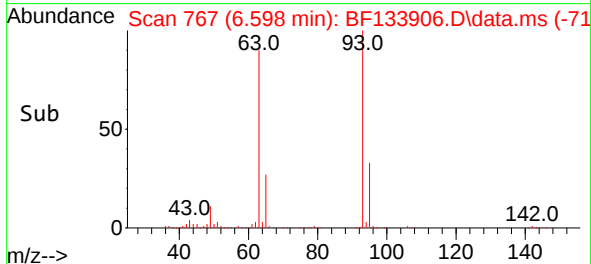
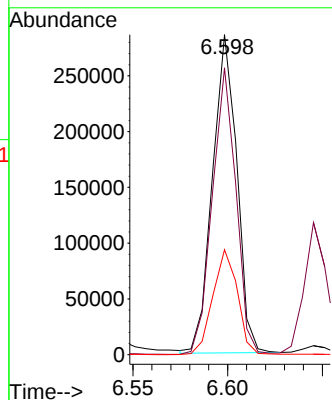
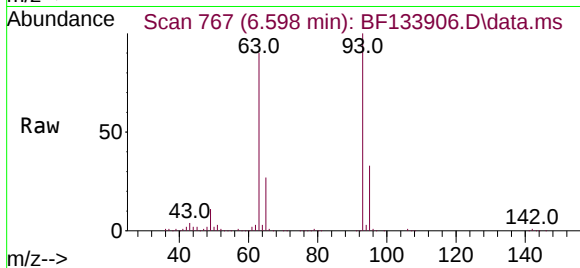
#11
bis(2-Chloroethyl)ether
Concen: 43.841 ng
RT: 6.598 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Instrument :
BNA_F
ClientSampleId :
WC-19MSD

Tgt Ion: 93 Resp: 25518
Ion Ratio Lower Upper
93 100
63 89.7 62.1 102.1
95 32.8 13.0 53.0

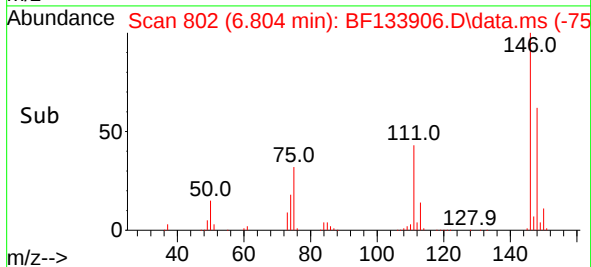
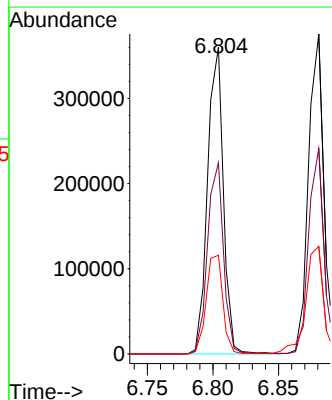
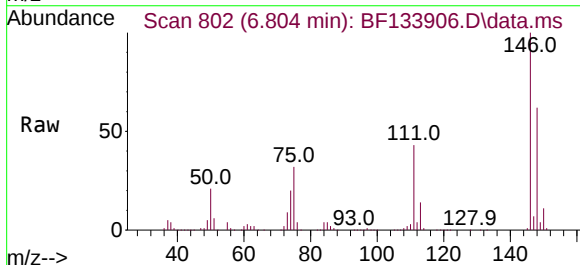
Manual Integrations
APPROVED

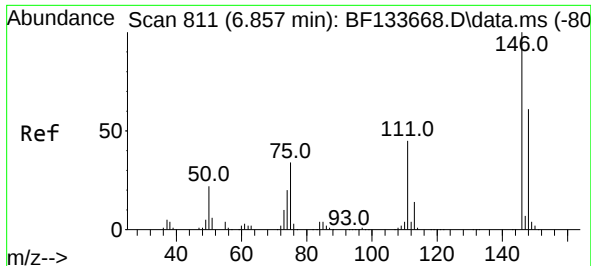
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
1,3-Dichlorobenzene
Concen: 46.757 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Tgt Ion:146 Resp: 303689
Ion Ratio Lower Upper
146 100
148 62.4 50.9 76.3
75 32.2 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 46.594 ng

RT: 6.881 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

ClientSampleId :

WC-19MSD

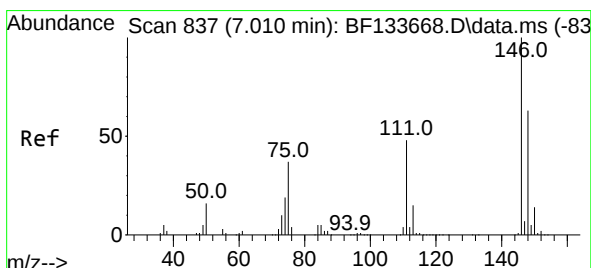
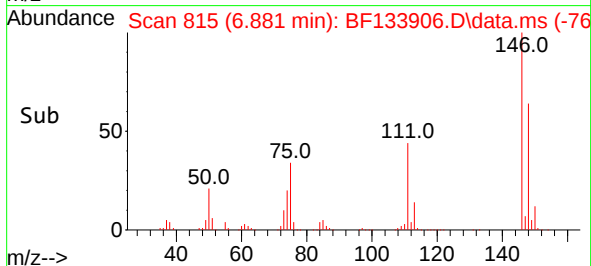
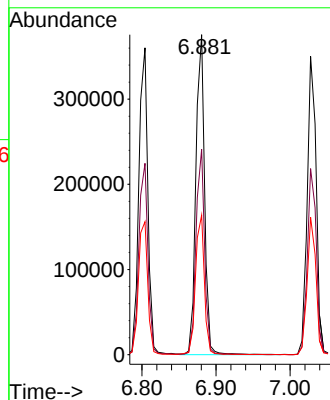
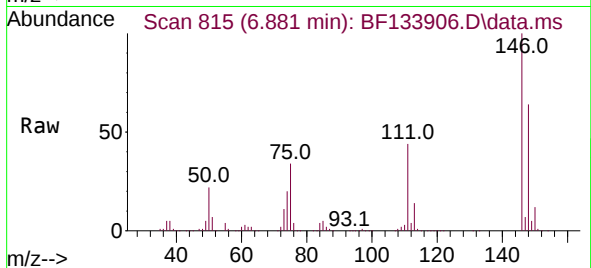
Tgt Ion:146 Resp: 305879
 Ion Ratio Lower Upper
 146 100
 148 64.2 48.9 73.3
 111 43.6 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#14

1,2-Dichlorobenzene

Concen: 49.561 ng

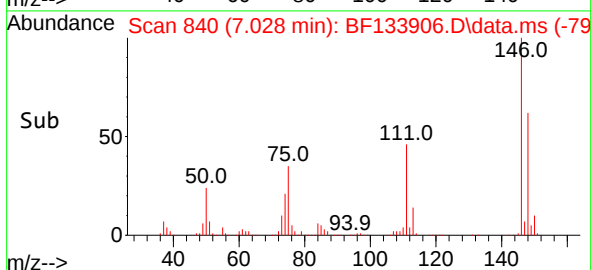
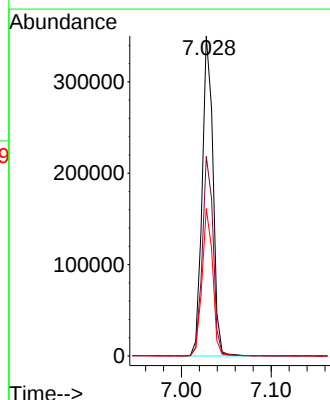
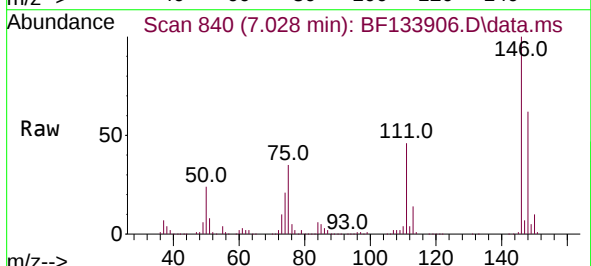
RT: 7.028 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

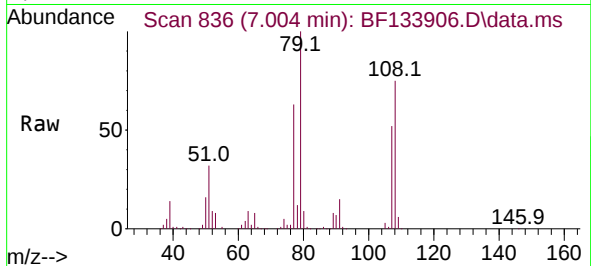
Tgt Ion:146 Resp: 293989
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 75.8
 111 46.1 38.7 58.1





#15
Benzyl Alcohol
Concen: 43.066 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

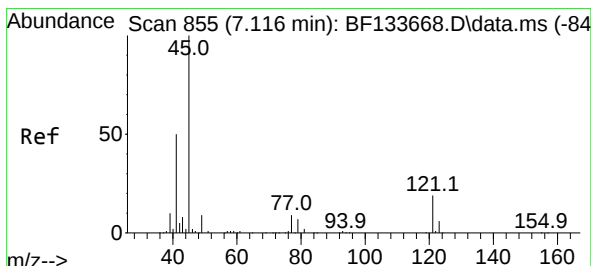
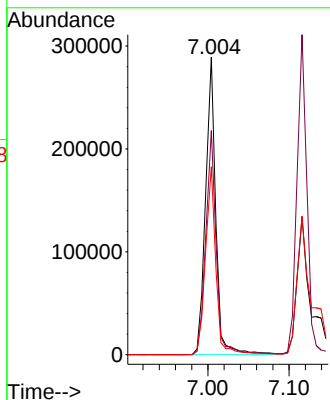
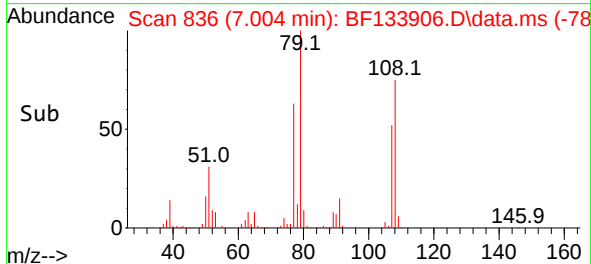
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



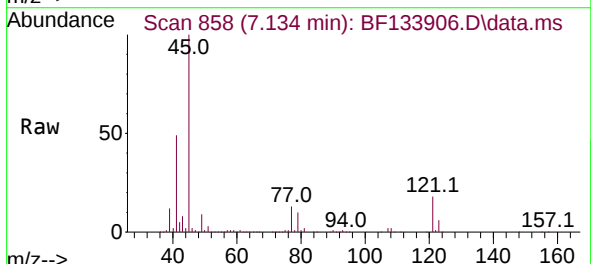
Tgt Ion: 79 Resp: 252558
Ion Ratio Lower Upper
79 100
108 75.3 57.9 86.9
77 63.2 50.4 75.6

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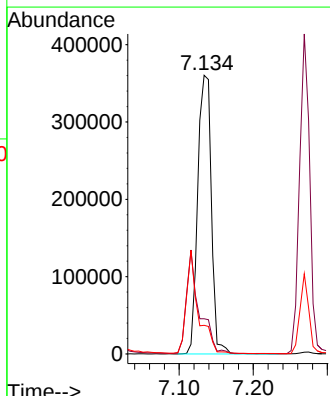
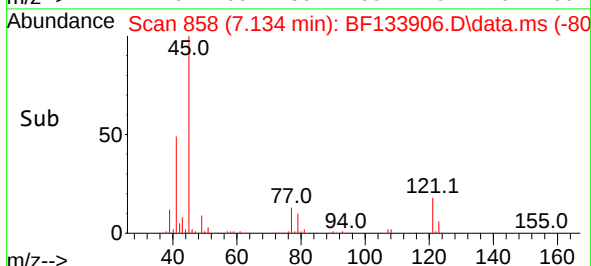
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

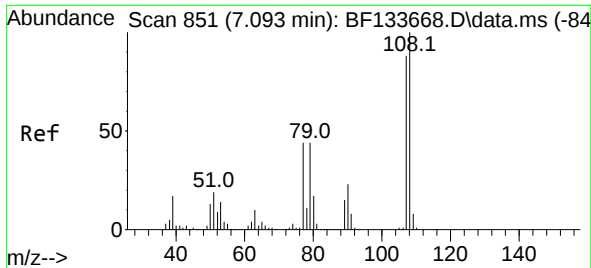


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.646 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



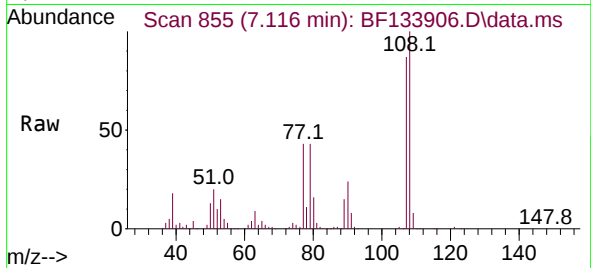
Tgt Ion: 45 Resp: 460247
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.3
79 10.3 0.0 29.4





#17
2-Methylphenol
Concen: 43.214 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

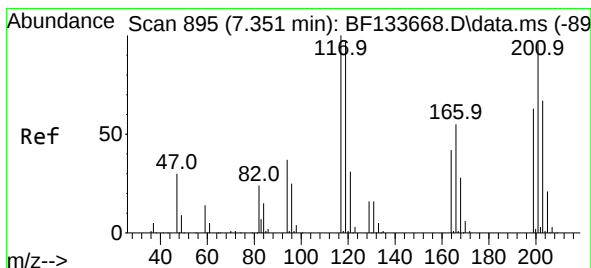
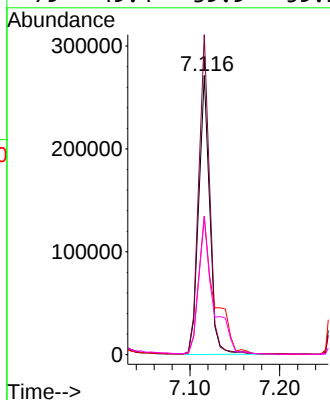
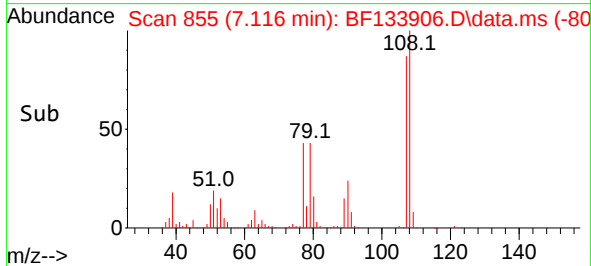
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



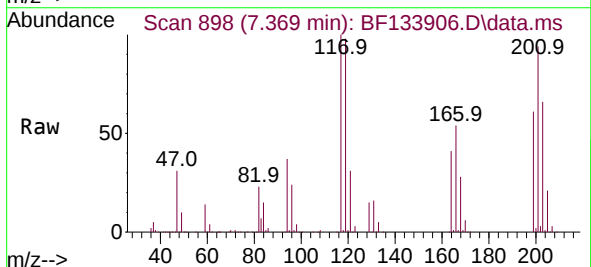
Tgt Ion:107 Resp: 23284
Ion Ratio Lower Upper
107 100
108 114.6 90.9 136.3
77 49.6 39.8 59.6
79 49.4 39.9 59.9

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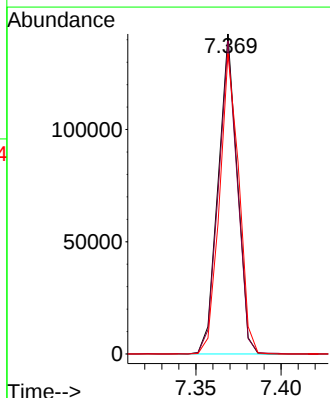
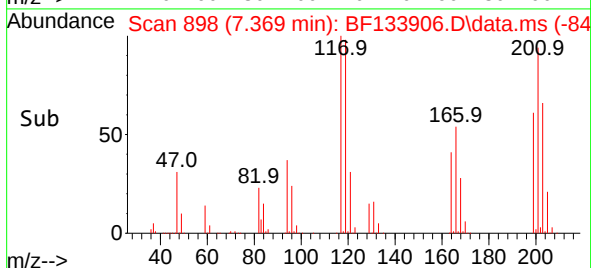
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

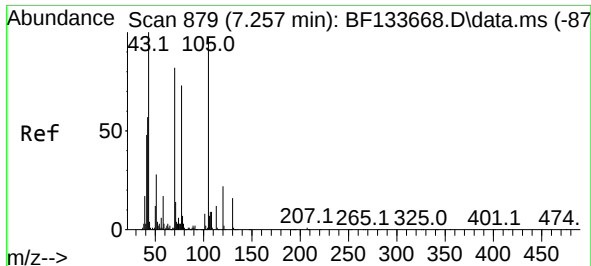


#18
Hexachloroethane
Concen: 49.255 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



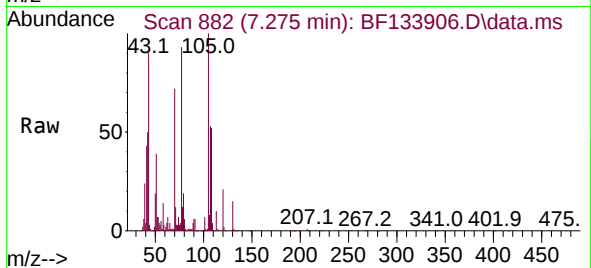
Tgt Ion:117 Resp: 110696
Ion Ratio Lower Upper
117 100
119 97.8 77.3 115.9
201 93.9 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.194 ng
RT: 7.275 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

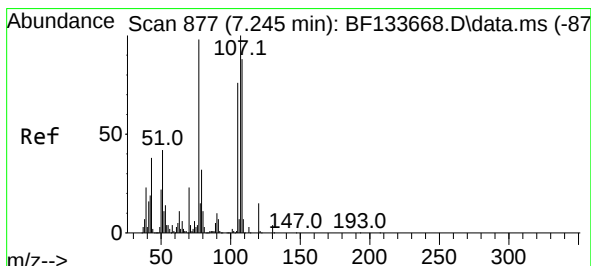
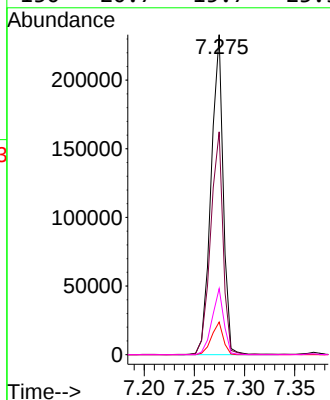
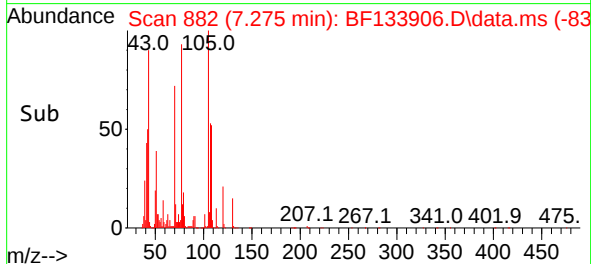
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



Tgt Ion: 70 Resp: 19679
Ion Ratio Lower Upper
70 100
42 69.6 55.8 83.8
101 10.2 8.1 12.1
130 20.7 15.7 23.5

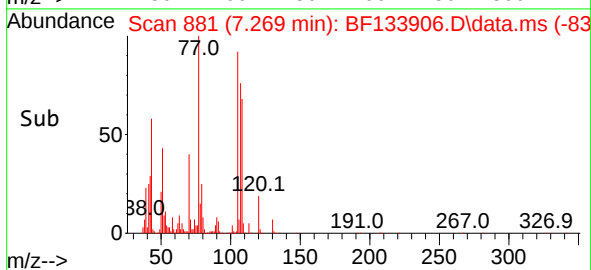
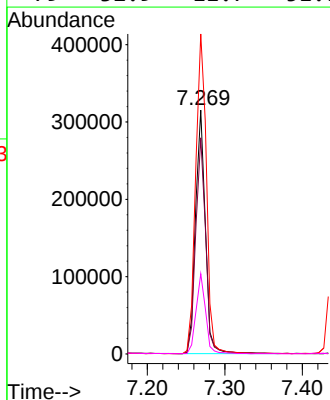
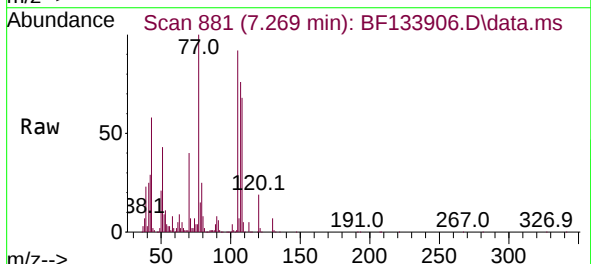
Manual Integrations
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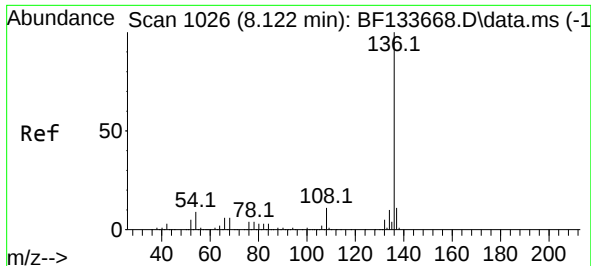
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#20
3+4-Methylphenols
Concen: 39.667 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Tgt Ion:107 Resp: 278039
Ion Ratio Lower Upper
107 100
108 88.7 67.9 107.9
77 131.2 77.7 117.7#
79 32.9 11.7 51.7





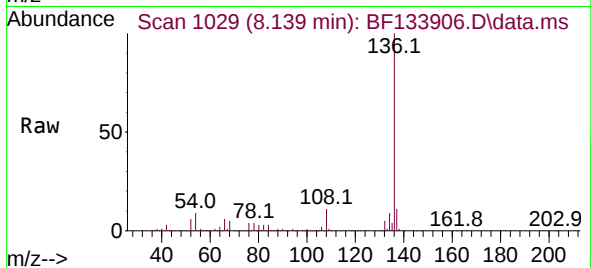
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

ClientSampleId :

WC-19MSD



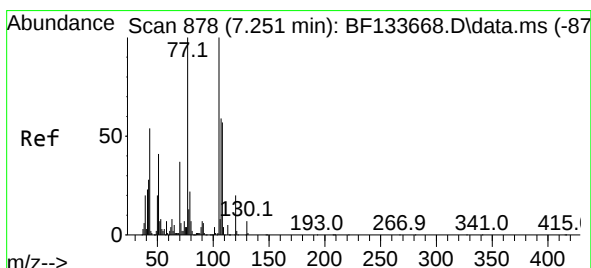
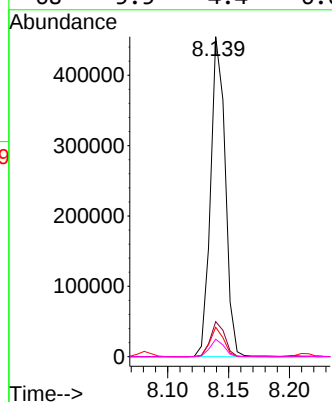
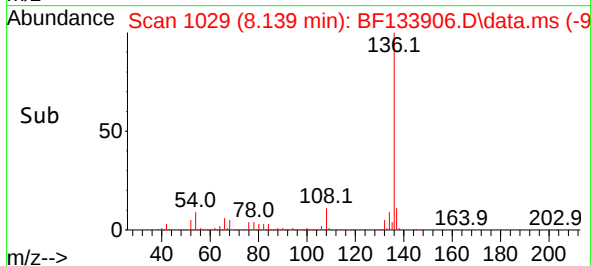
Tgt Ion:136 Resp: 381138
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.2 7.4 11.0
68 5.5 4.4 6.6

Manual Integrations

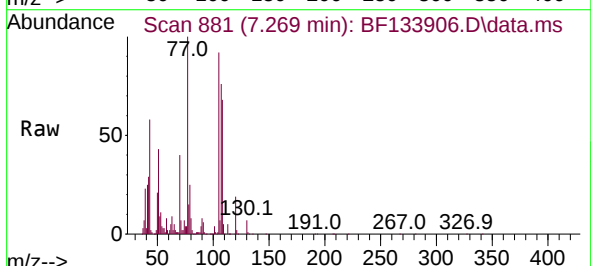
APPROVED

Reviewed By :Yogesh Patel 06/23/2023

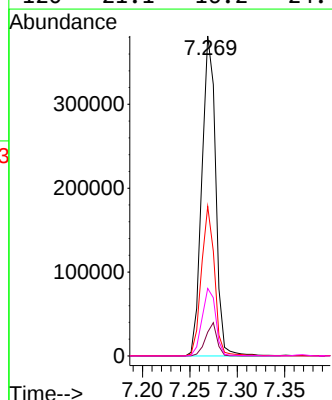
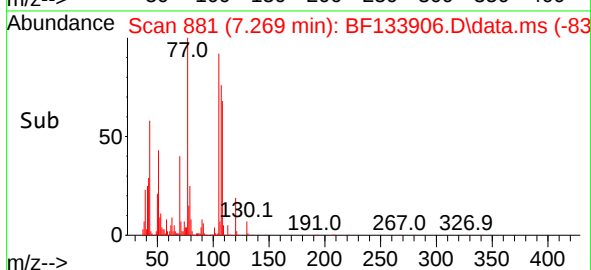
Supervised By :mohammad ahmed 06/23/2023

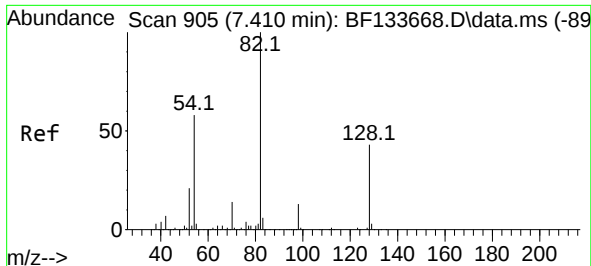


#22
Acetophenone
Concen: 44.546 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



Tgt Ion:105 Resp: 389408
Ion Ratio Lower Upper
105 100
71 7.5 4.8 7.2#
51 46.8 33.0 49.4
120 21.1 16.2 24.4





#23

Nitrobenzene-d5

Concen: 59.397 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

ClientSampleId :

WC-19MSD

Tgt Ion: 82 Resp: 41563

Ion Ratio Lower Upper

82 100

128 40.1 34.2 51.2

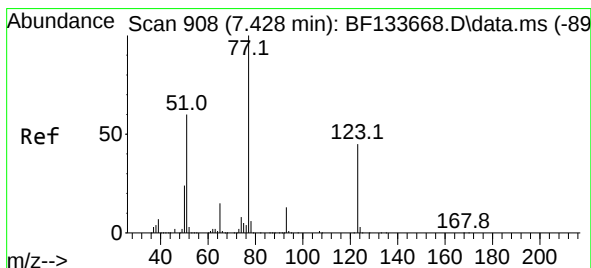
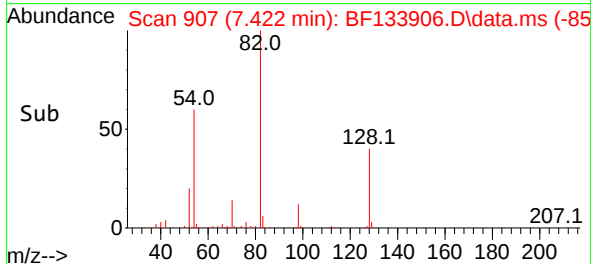
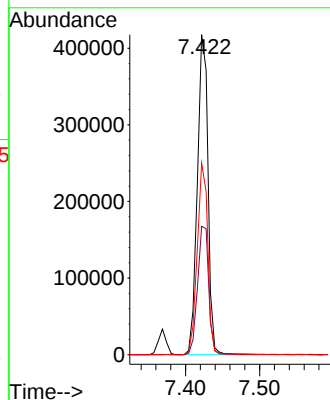
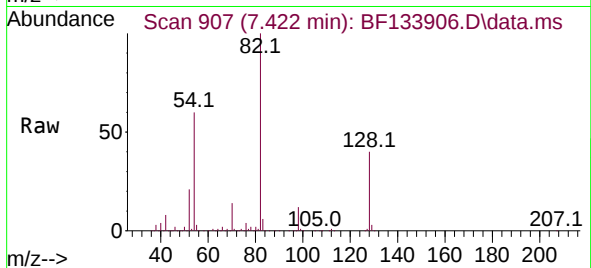
54 59.9 46.5 69.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#24

Nitrobenzene

Concen: 43.647 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

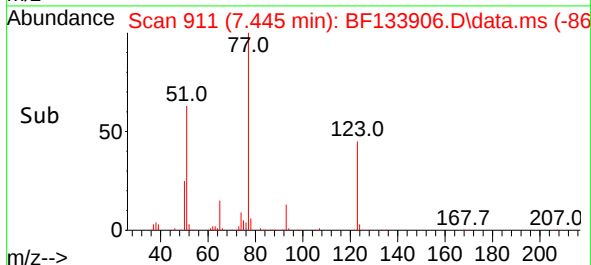
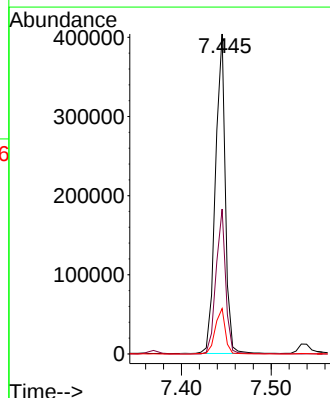
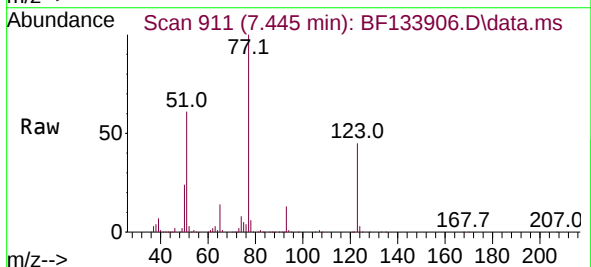
Tgt Ion: 77 Resp: 307546

Ion Ratio Lower Upper

77 100

123 45.3 35.8 53.8

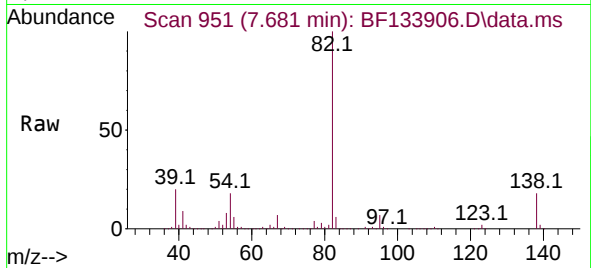
65 14.2 11.6 17.4





#25
Isophorone
Concen: 42.943 ng
RT: 7.681 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

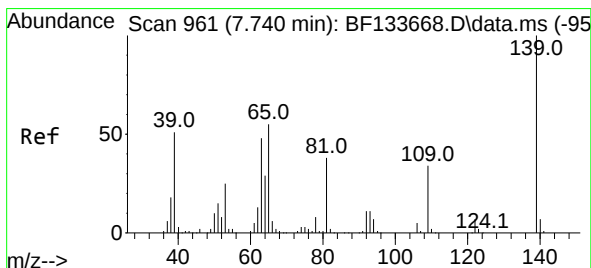
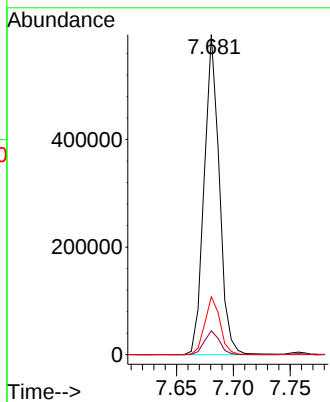
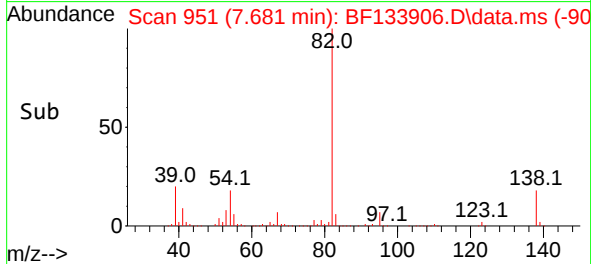
Instrument :
BNA_F
Client SampleId :
WC-19MSD



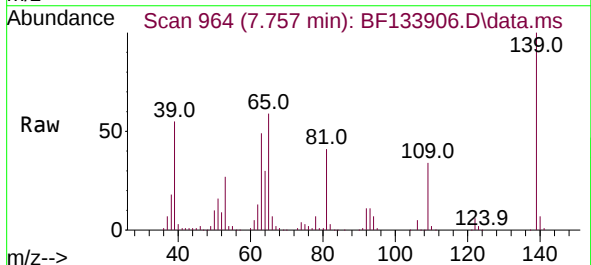
Tgt Ion: 82 Resp: 551679
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 18.1 14.2 21.2

Manual Integrations
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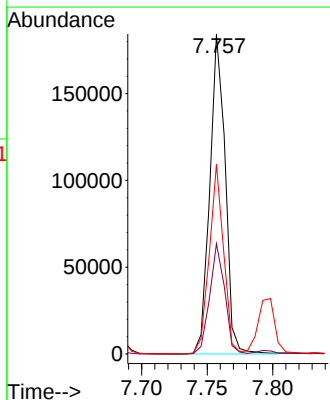
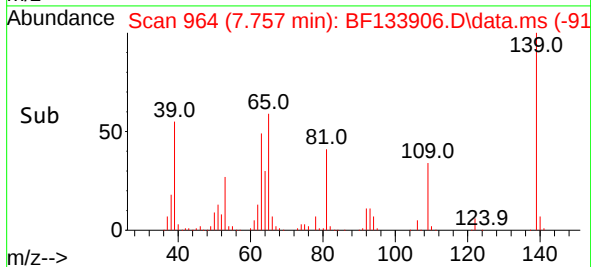
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

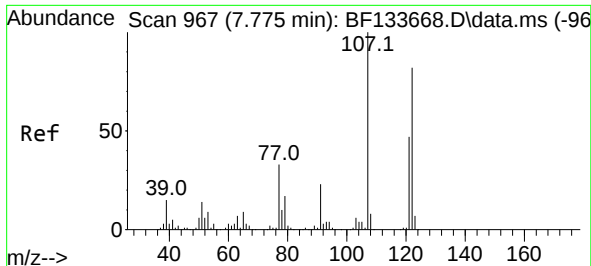


#26
2-Nitrophenol
Concen: 47.741 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



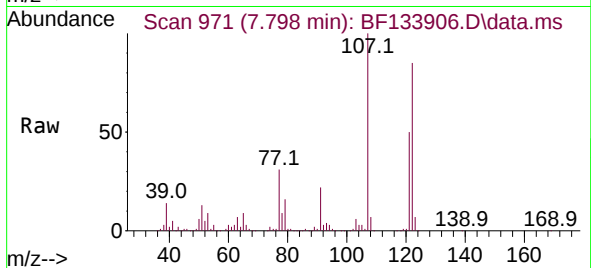
Tgt Ion:139 Resp: 150970
Ion Ratio Lower Upper
139 100
109 34.4 27.0 40.6
65 59.2 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 46.483 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

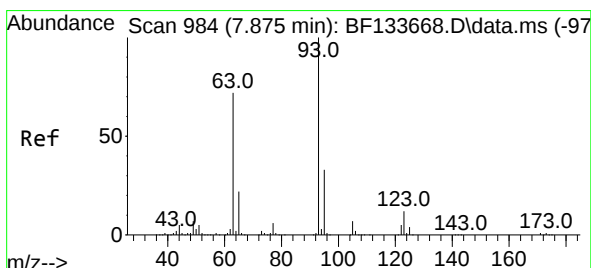
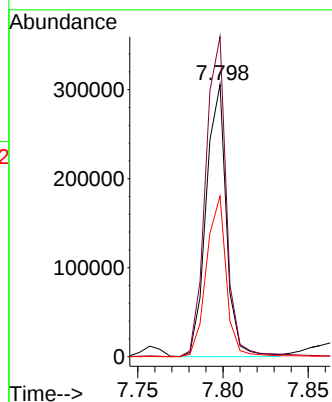
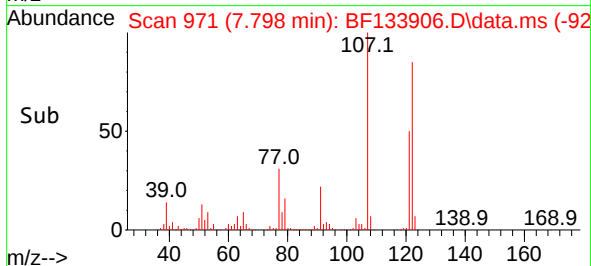
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



Tgt Ion:122 Resp: 253350
Ion Ratio Lower Upper
122 100
107 117.6 97.8 146.6
121 59.0 46.1 69.1

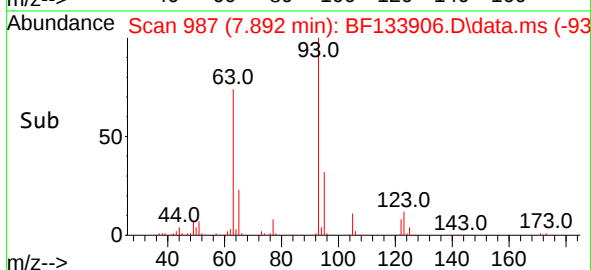
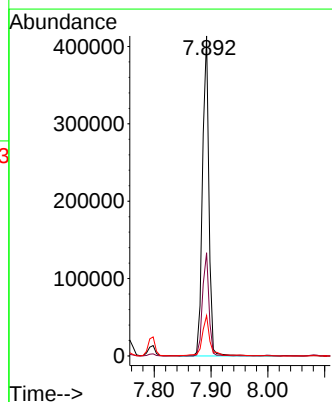
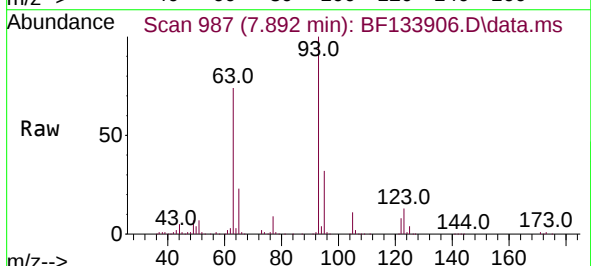
Manual Integrations
APPROVED

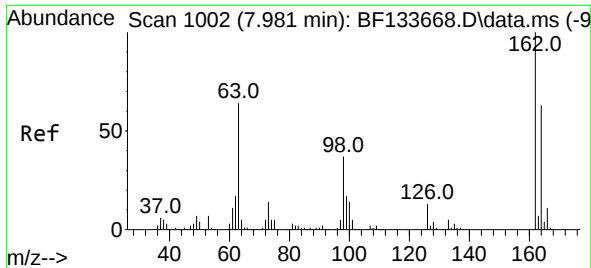
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.721 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Tgt Ion: 93 Resp: 324632
Ion Ratio Lower Upper
93 100
95 32.2 26.4 39.6
123 12.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.685 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

ClientSampleId :

WC-19MSD

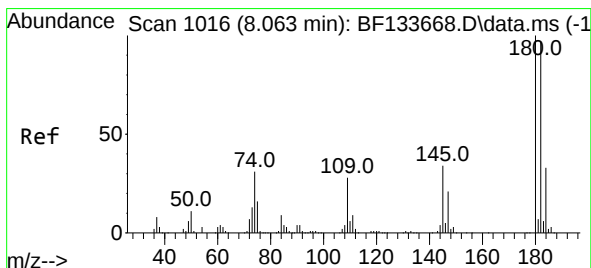
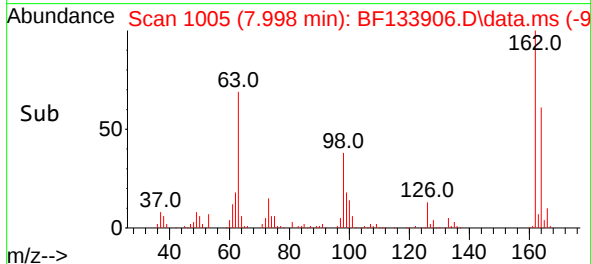
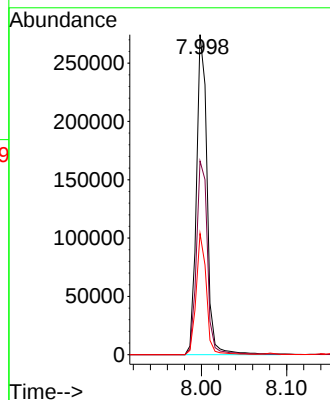
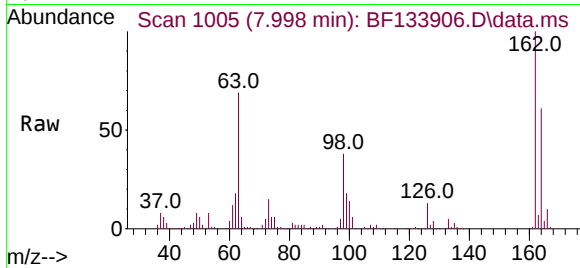
Tgt Ion:162	Resp: 238700
Ion Ratio	Lower Upper
162 100	
164 60.5	43.4 83.4
98 37.9	17.4 57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.675 ng

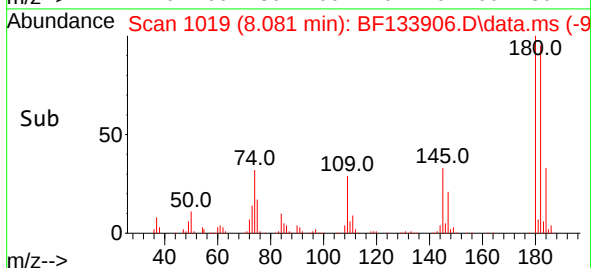
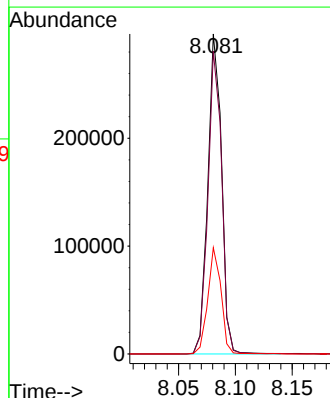
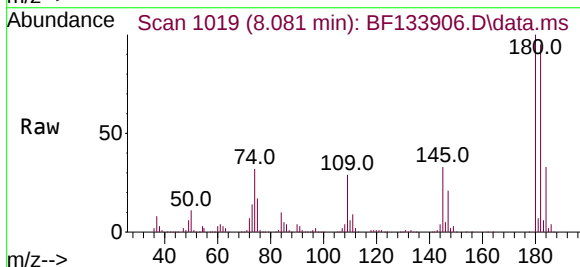
RT: 8.081 min Scan# 1019

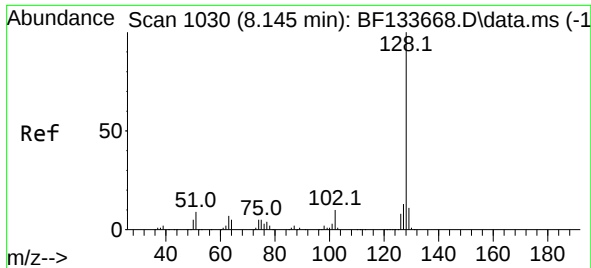
Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

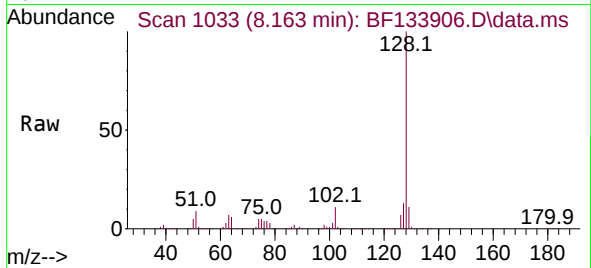
Tgt Ion:180	Resp: 248991
Ion Ratio	Lower Upper
180 100	
182 94.5	77.8 116.8
145 33.2	27.0 40.4





#31
Naphthalene
Concen: 42.353 ng
RT: 8.163 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

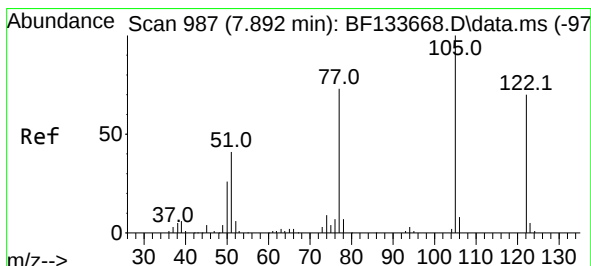
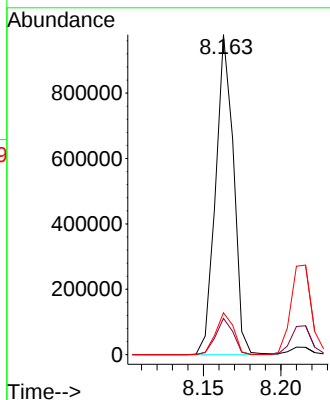
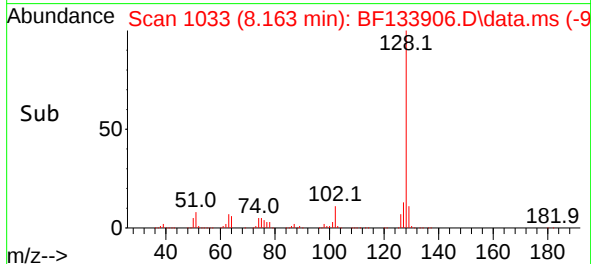
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



Tgt Ion:128 Resp: 786458
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.1 10.5 15.7

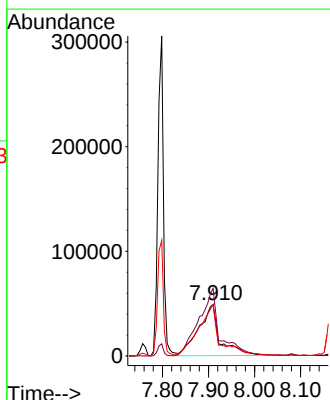
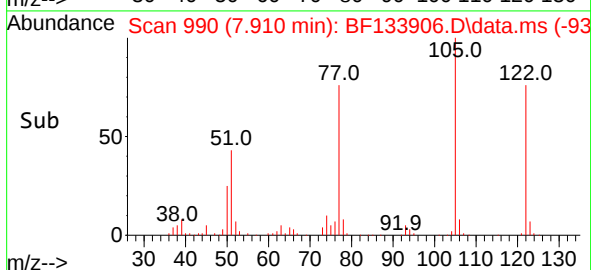
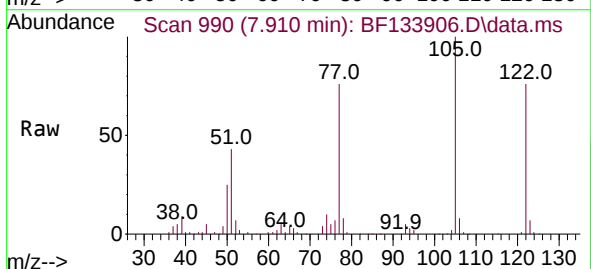
Manual Integrations
APPROVED

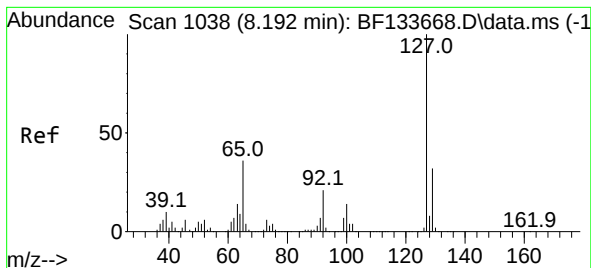
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#32
Benzoic acid
Concen: 46.134 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Tgt Ion:122 Resp: 158584
Ion Ratio Lower Upper
122 100
105 130.8 116.3 156.3
77 100.0 82.4 122.4





#33

4-Chloroaniline

Concen: 33.497 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

ClientSampleId :

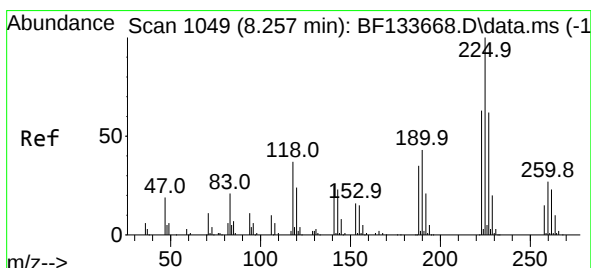
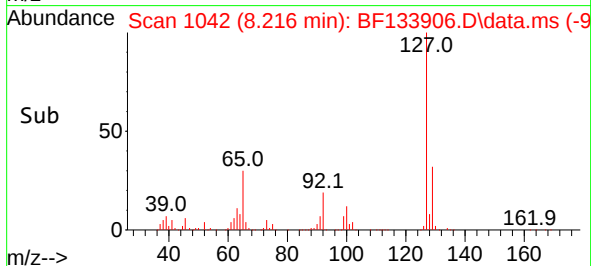
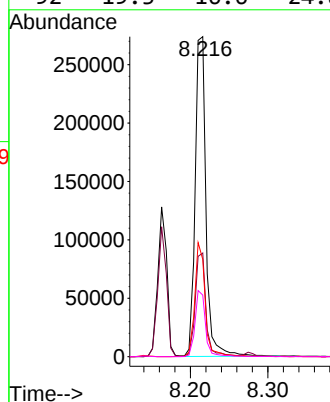
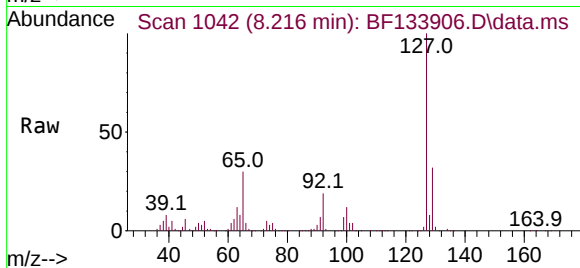
WC-19MSD

Tgt Ion:	127	Resp:	265950
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.6	38.4
65	30.4	28.9	43.3
92	19.3	16.6	24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#34

Hexachlorobutadiene

Concen: 43.012 ng

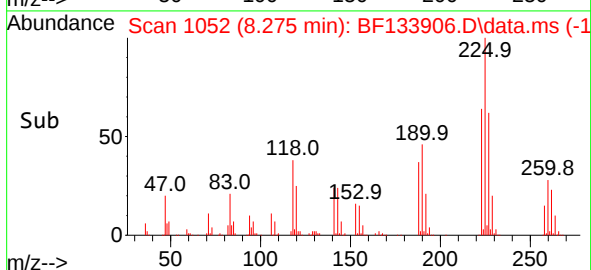
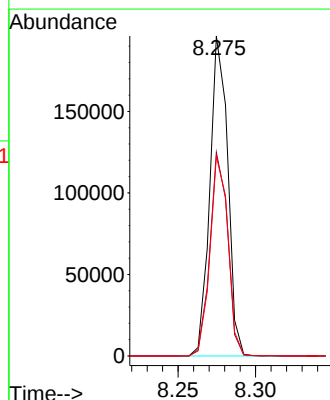
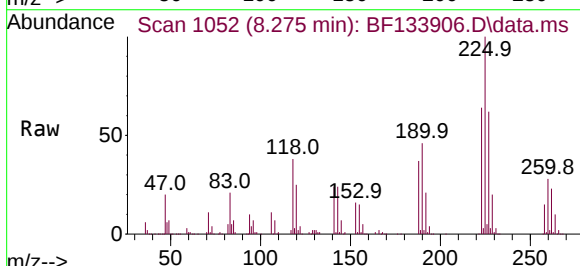
RT: 8.275 min Scan# 1052

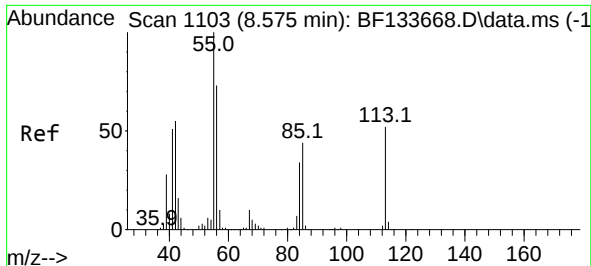
Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

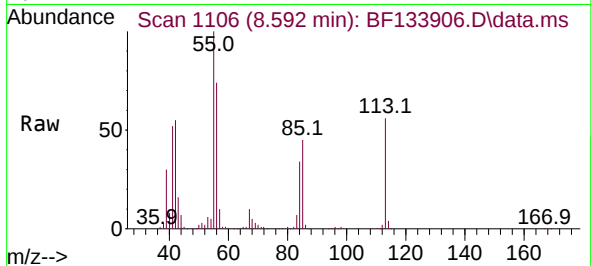
Tgt Ion:	225	Resp:	156953
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.2	75.4
227	62.4	49.5	74.3





#35
 Caprolactam
 Concen: 44.433 ng m
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF133906.D
 Acq: 22 Jun 2023 17:42

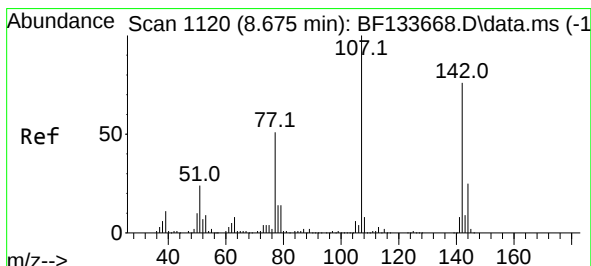
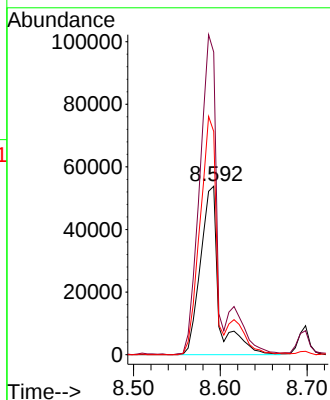
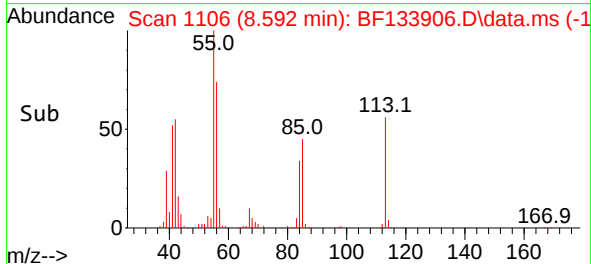
Instrument :
 BNA_F
 ClientSampleId :
 WC-19MSD



Tgt Ion:113 Resp: 79869
 Ion Ratio Lower Upper
 113 100
 55 179.6 173.3 213.3
 56 132.5 120.5 160.5

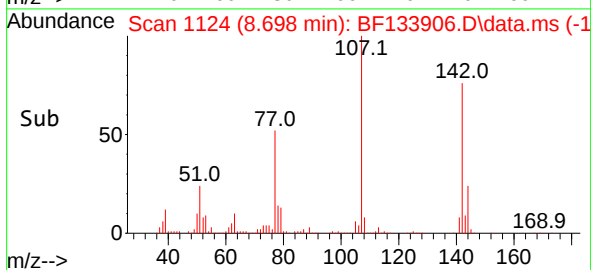
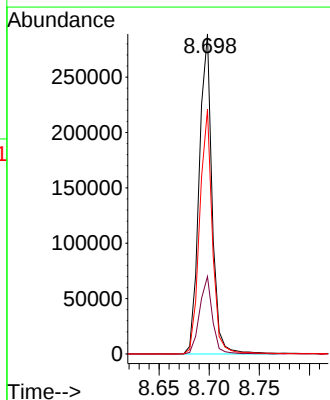
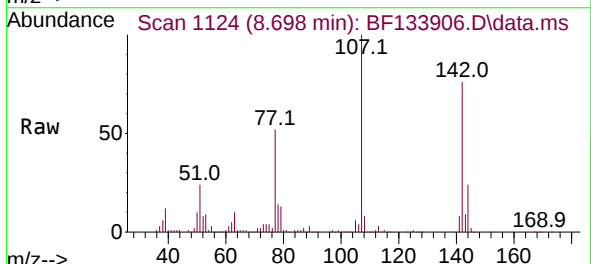
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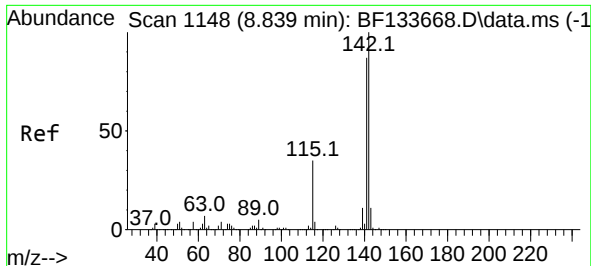
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#36
 4-Chloro-3-methylphenol
 Concen: 42.168 ng
 RT: 8.698 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF133906.D
 Acq: 22 Jun 2023 17:42

Tgt Ion:107 Resp: 259641
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.7 29.5
 142 76.4 61.1 91.7





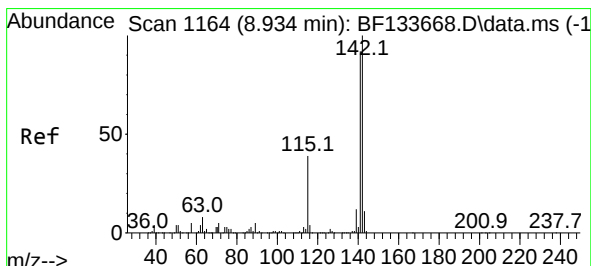
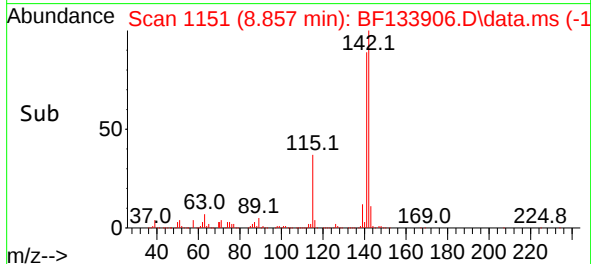
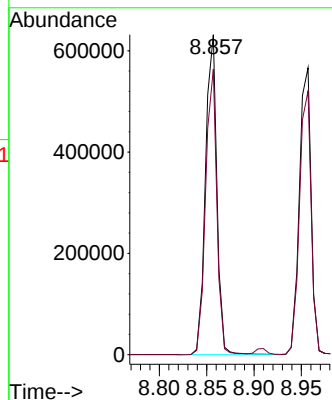
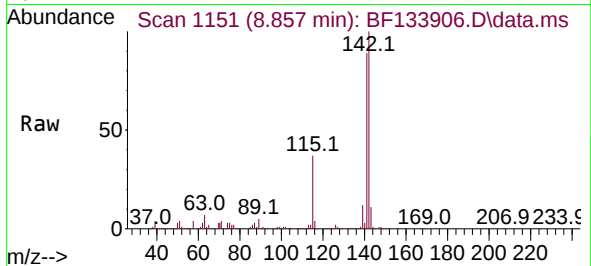
#37
2-Methylnaphthalene
Concen: 40.973 ng
RT: 8.857 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Instrument :
BNA_F
ClientSampleId :
WC-19MSD

Tgt Ion:142 Resp: 52863
Ion Ratio Lower Upper
142 100
141 89.2 69.8 104.8

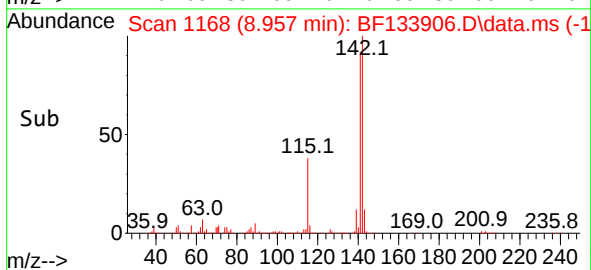
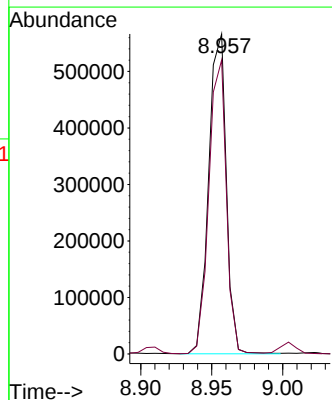
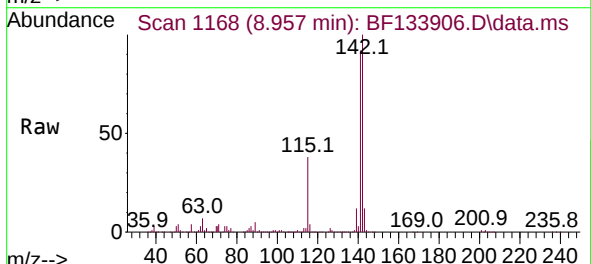
Manual Integrations
APPROVED

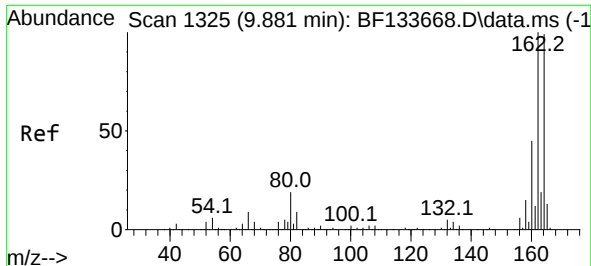
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#38
1-Methylnaphthalene
Concen: 41.234 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Tgt Ion:142 Resp: 489539
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF133906.D

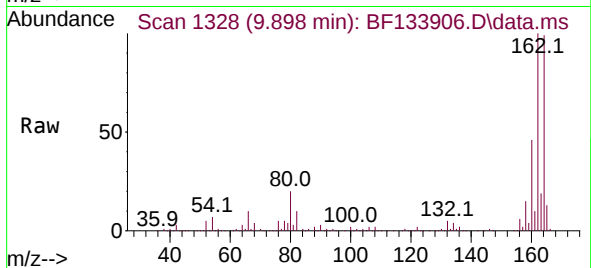
Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

ClientSampleId :

WC-19MSD



Tgt Ion:164 Resp: 17422

Ion Ratio Lower Upper

164 100

162 100.6 80.8 121.2

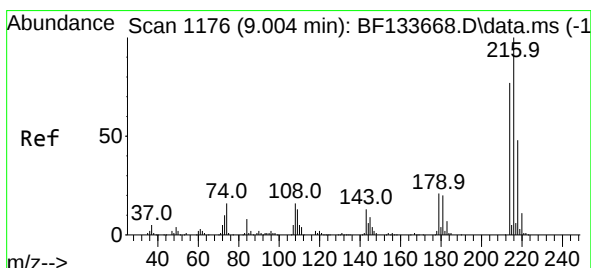
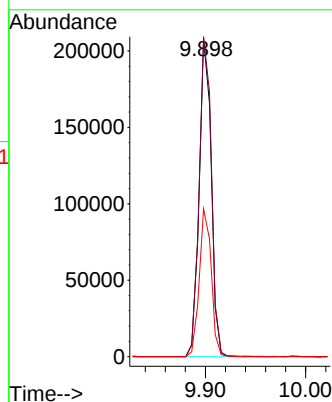
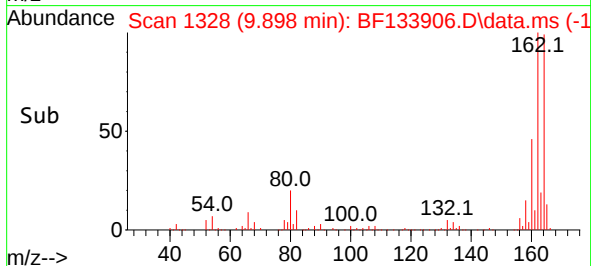
160 46.4 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.360 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Tgt Ion:216 Resp: 250844

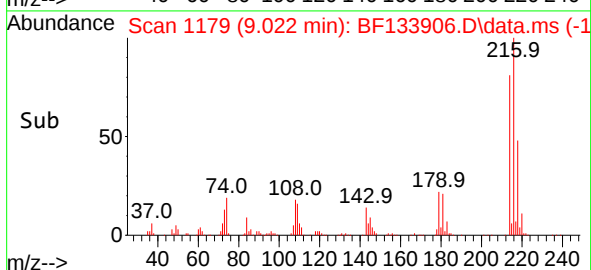
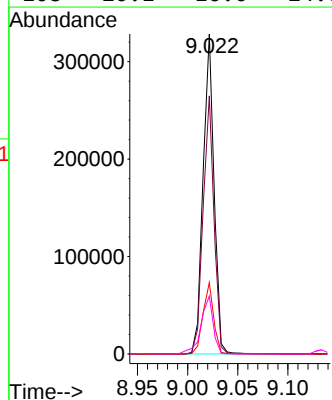
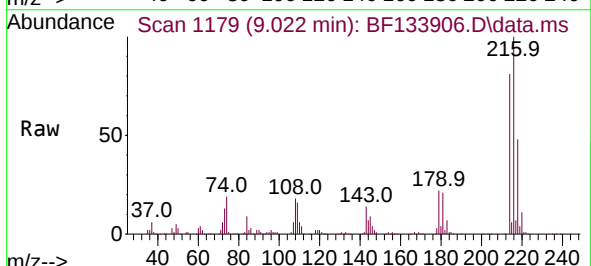
Ion Ratio Lower Upper

216 100

214 80.3 62.7 94.1

179 21.7 17.6 26.4

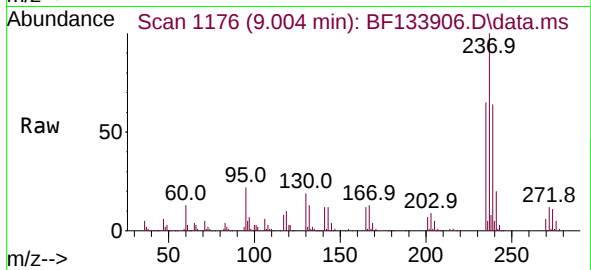
108 20.1 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 53.620 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

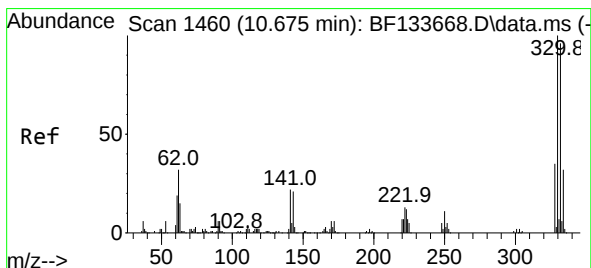
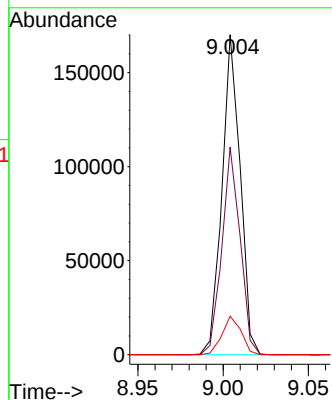
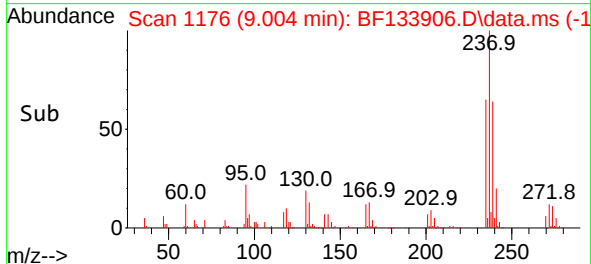
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



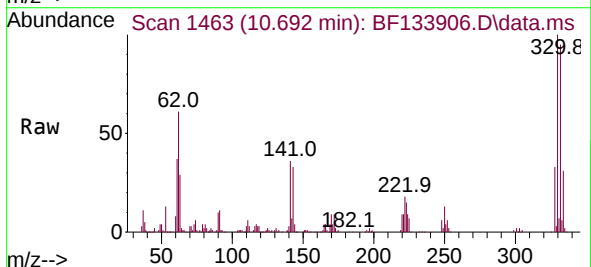
Tgt Ion:237 Resp: 126559
Ion Ratio Lower Upper
237 100
235 64.8 40.6 80.6
272 12.0 0.0 32.6

Manual Integrations
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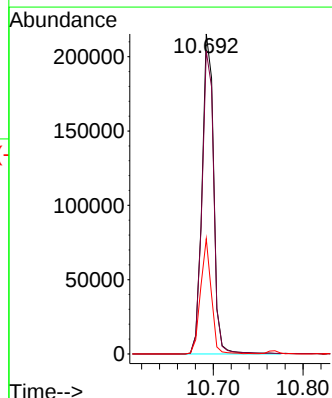
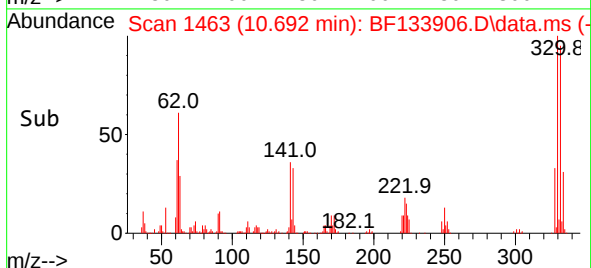
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

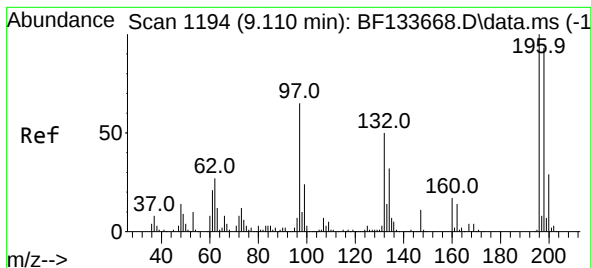


#42
2,4,6-Tribromophenol
Concen: 87.339 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



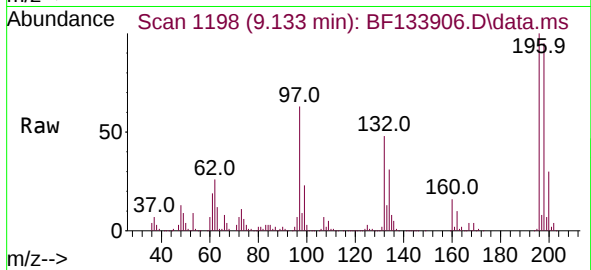
Tgt Ion:330 Resp: 192613
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 33.4 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 46.639 ng
RT: 9.133 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

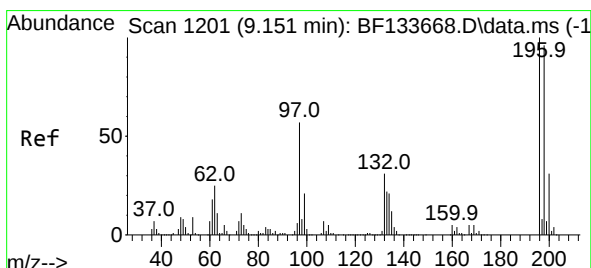
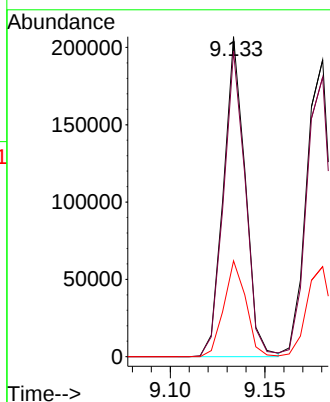
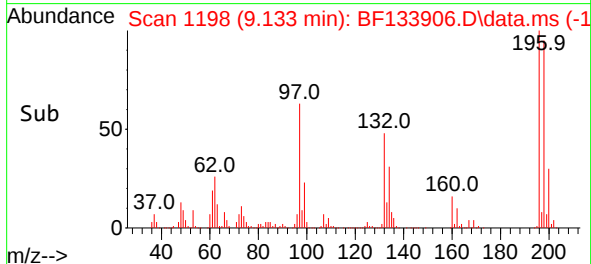
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



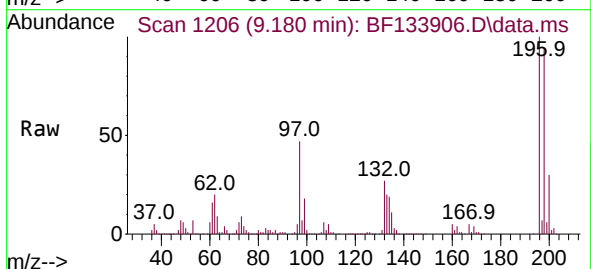
Tgt Ion:196 Resp: 16507
Ion Ratio Lower Upper
196 100
198 95.5 74.5 111.7
200 30.0 22.9 34.3

Manual Integrations
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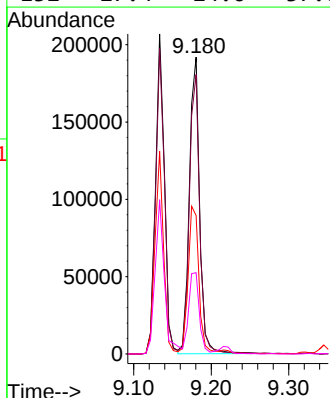
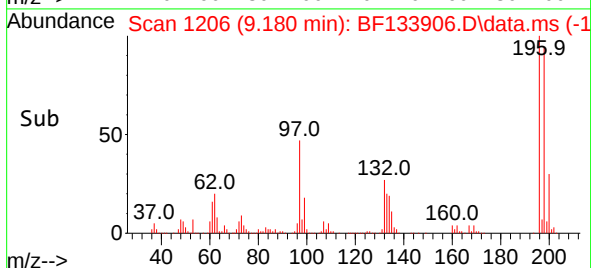
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

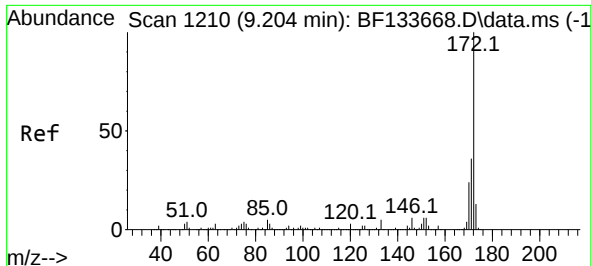


#44
2,4,5-Trichlorophenol
Concen: 42.971 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



Tgt Ion:196 Resp: 176938
Ion Ratio Lower Upper
196 100
198 94.2 76.8 115.2
97 46.6 45.4 68.2
132 27.4 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 66.155 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

ClientSampleId :

WC-19MSD

Tgt Ion:172 Resp: 810809

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

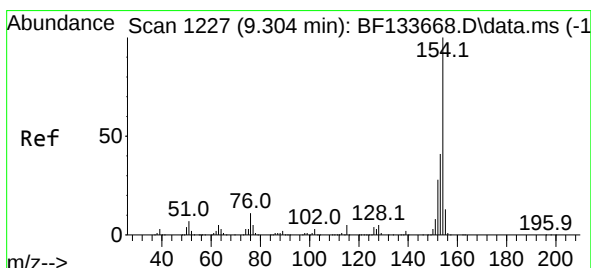
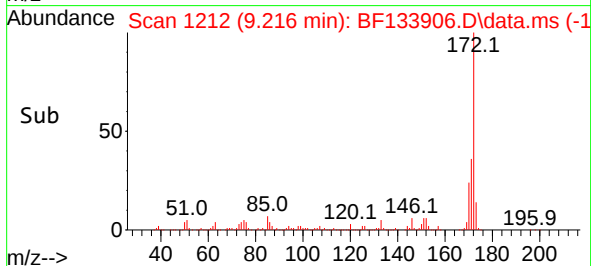
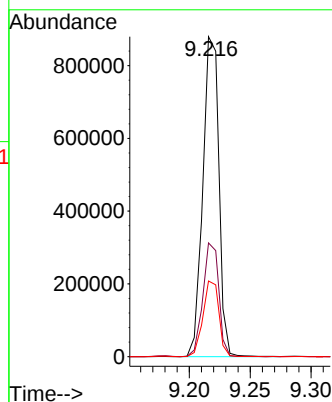
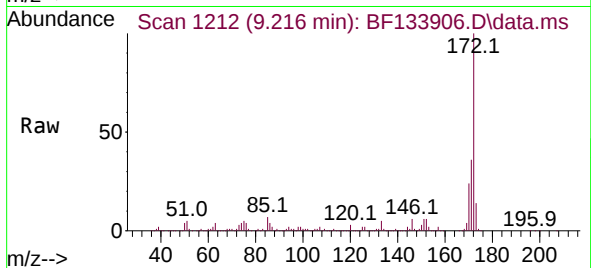
170 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#46

1,1'-Biphenyl

Concen: 47.812 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

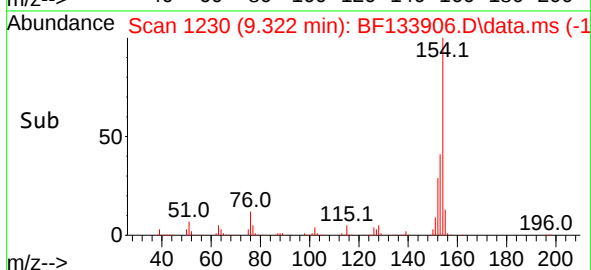
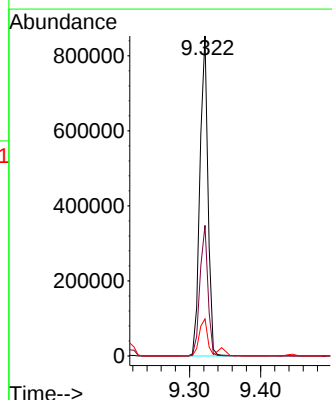
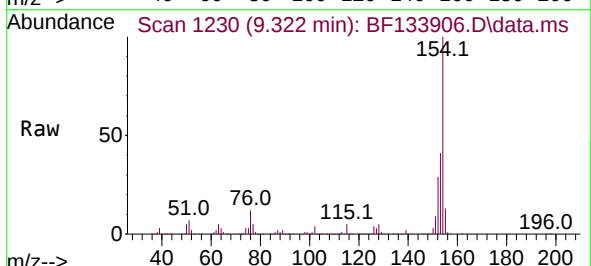
Tgt Ion:154 Resp: 671826

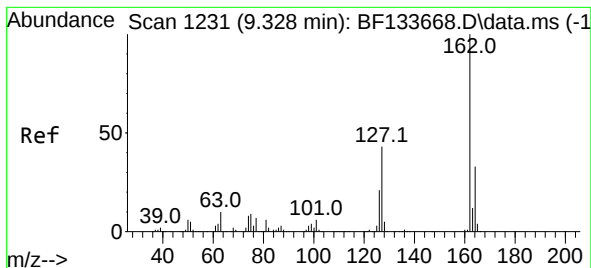
Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

76 11.6 0.0 31.0





#47

2-Chloronaphthalene

Concen: 47.685 ng

RT: 9.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

ClientSampleId :

WC-19MSD

Tgt Ion:162 Resp: 480629

Ion Ratio Lower Upper

162 100

127 44.8 34.6 52.0

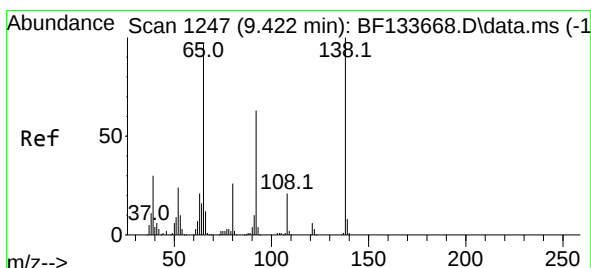
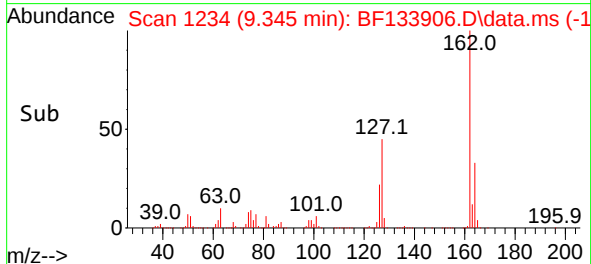
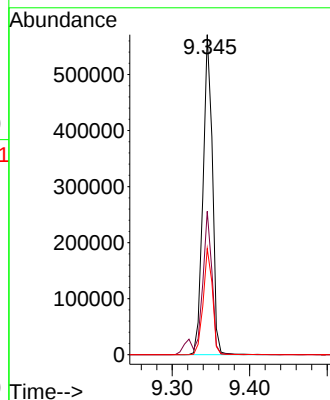
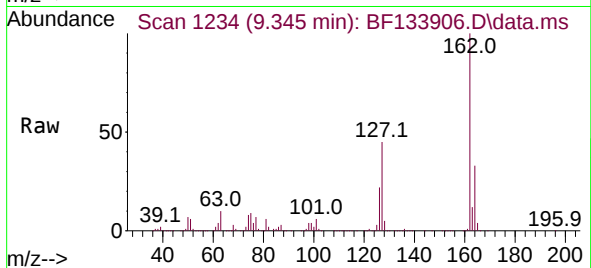
164 33.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#48

2-Nitroaniline

Concen: 45.447 ng

RT: 9.445 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

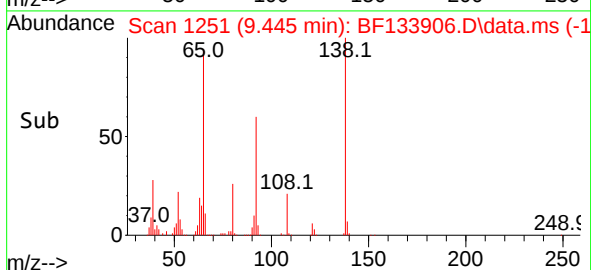
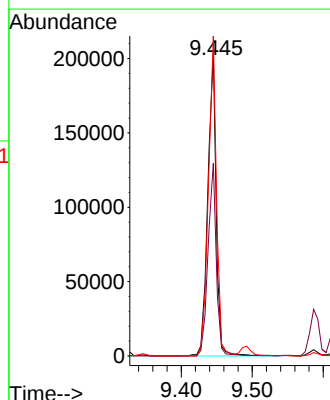
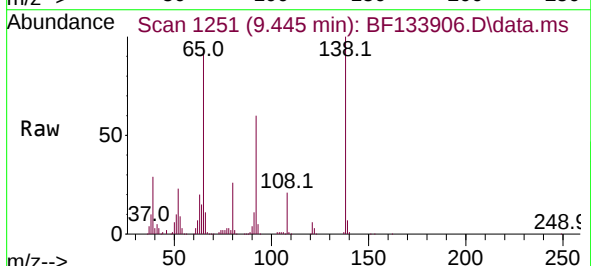
Tgt Ion: 65 Resp: 167530

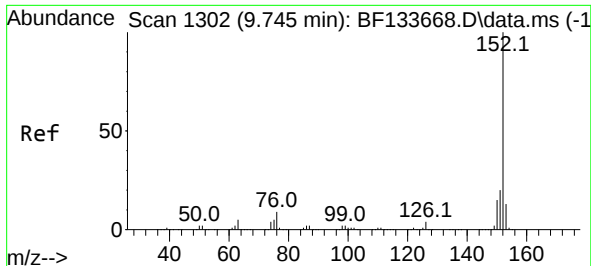
Ion Ratio Lower Upper

65 100

92 63.9 51.8 77.6

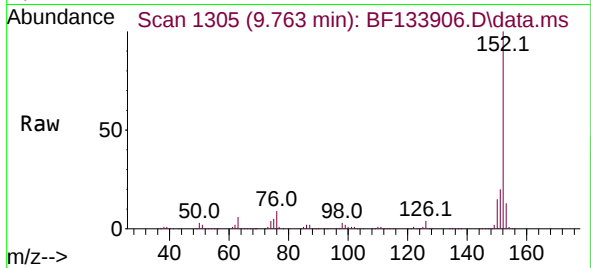
138 106.1 82.1 123.1





#49
Acenaphthylene
Concen: 44.243 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

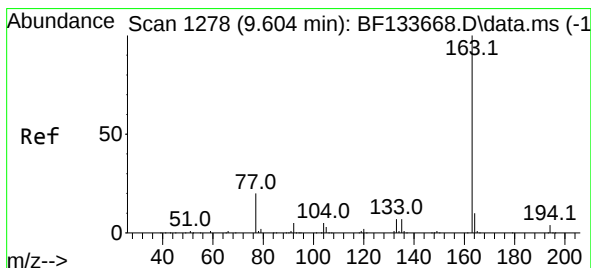
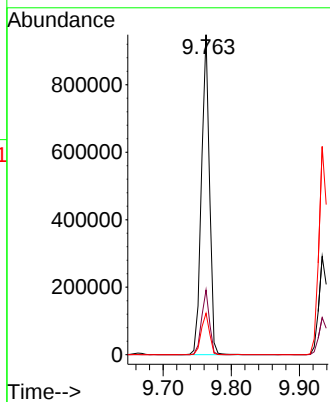
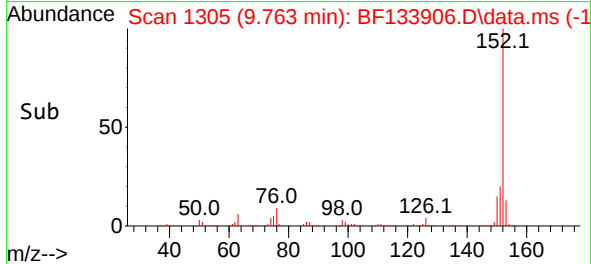
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



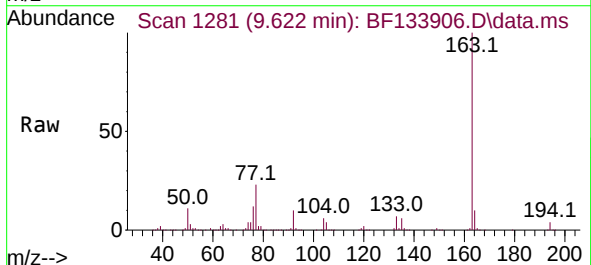
Tgt Ion:152 Resp: 776159
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.0 10.4 15.6

Manual Integrations
APPROVED

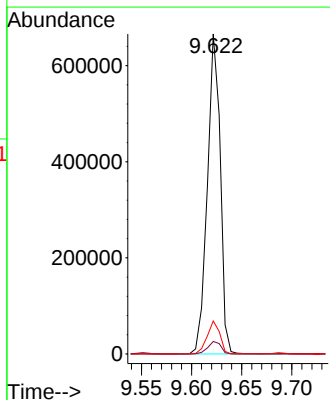
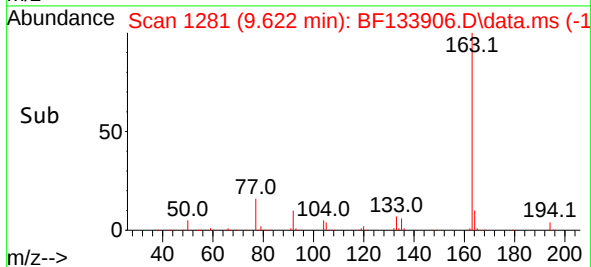
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

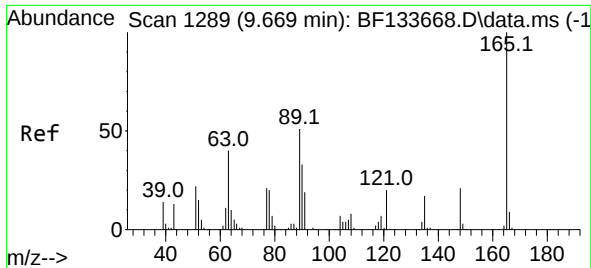


#50
Dimethylphthalate
Concen: 45.976 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



Tgt Ion:163 Resp: 597885
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.0 12.0





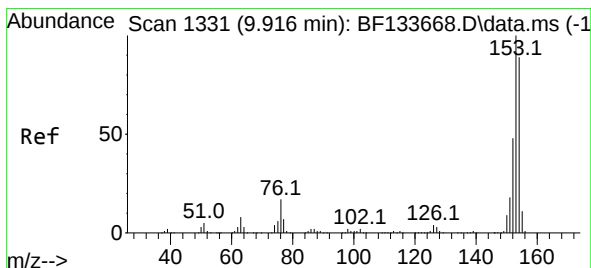
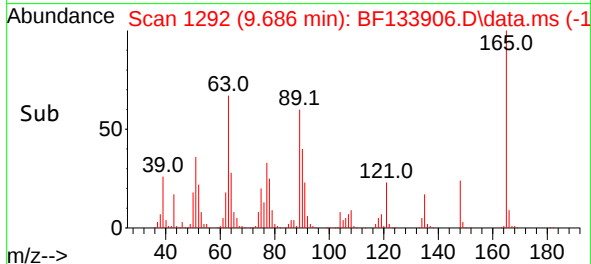
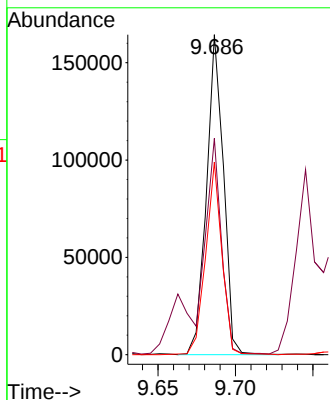
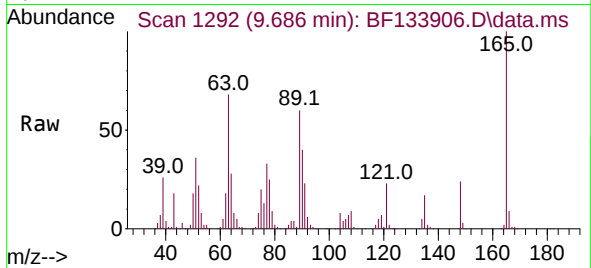
#51
2,6-Dinitrotoluene
Concen: 46.638 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Instrument :
BNA_F
ClientSampleId :
WC-19MSD

Tgt Ion:165 Resp: 125180
Ion Ratio Lower Upper
165 100
63 67.6 42.1 63.1
89 60.2 40.9 61.3

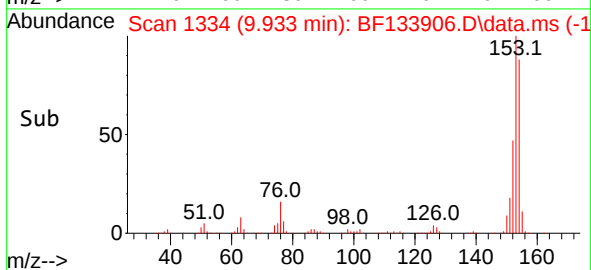
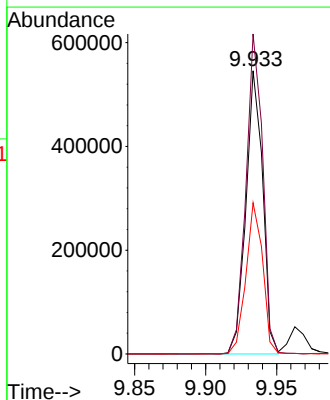
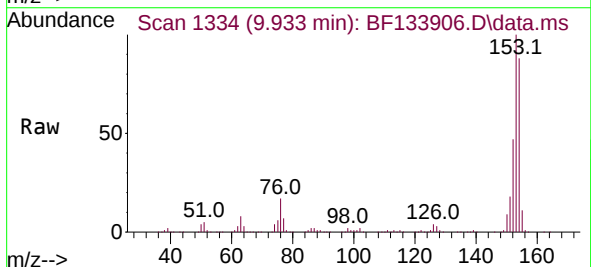
Manual Integrations
APPROVED

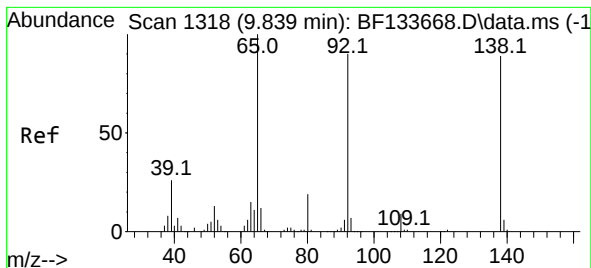
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#52
Acenaphthene
Concen: 43.676 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

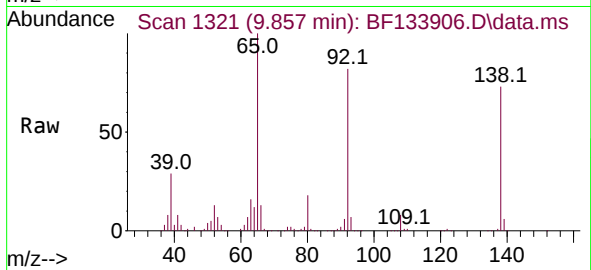
Tgt Ion:154 Resp: 448484
Ion Ratio Lower Upper
154 100
153 113.0 89.8 134.8
152 53.4 43.4 65.2





#53
3-Nitroaniline
Concen: 39.044 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

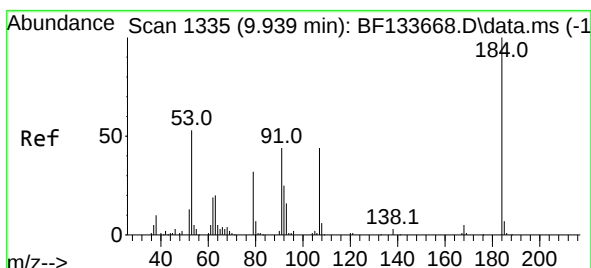
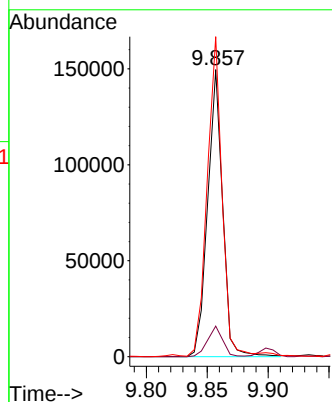
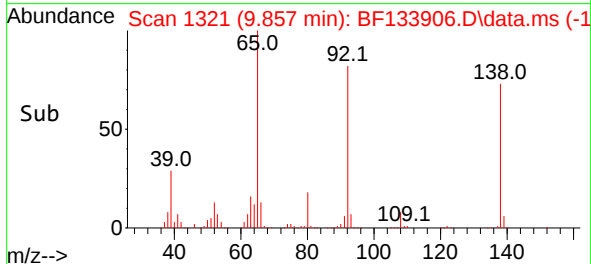
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



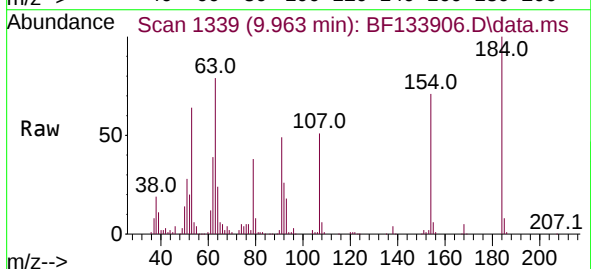
Tgt Ion:138 Resp: 127539
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.4
92 111.5 81.0 121.6

Manual Integrations
APPROVED

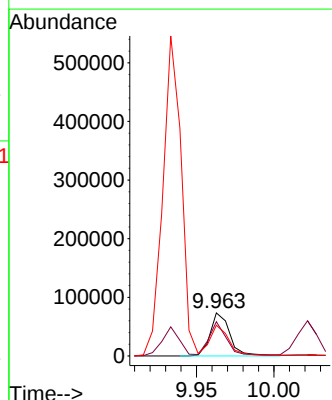
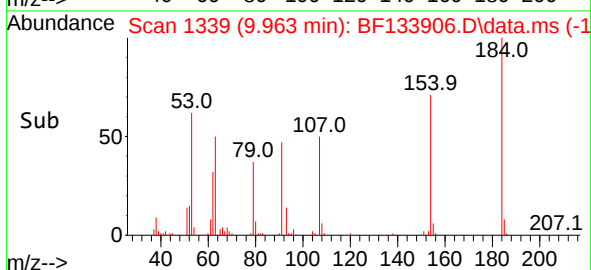
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

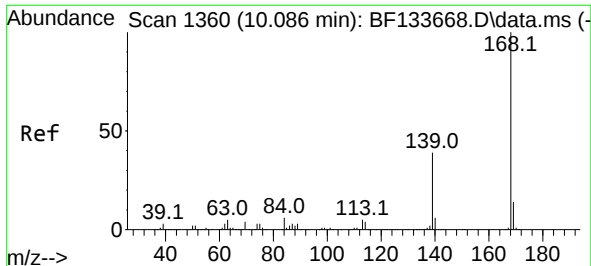


#54
2,4-Dinitrophenol
Concen: 51.937 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



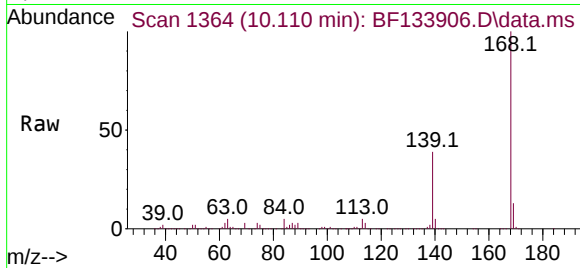
Tgt Ion:184 Resp: 65292
Ion Ratio Lower Upper
184 100
63 79.5 55.3 82.9
154 71.4 51.9 77.9





#55
Dibenzenofuran
Concen: 44.206 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

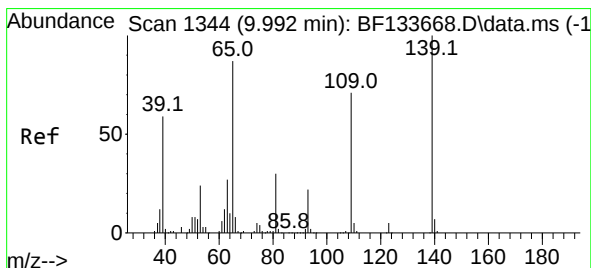
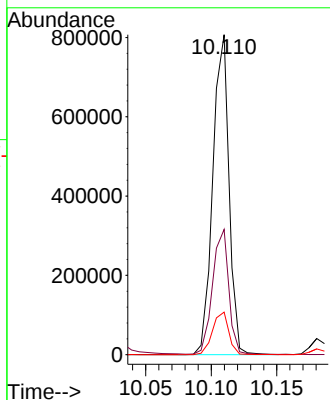
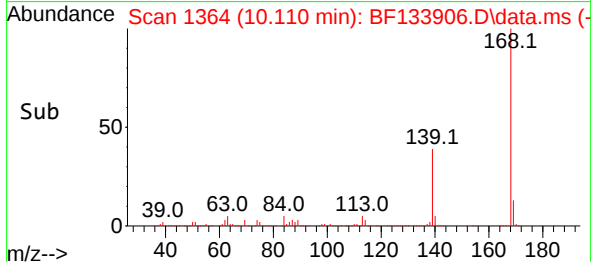
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



Tgt Ion:168 Resp: 692640
Ion Ratio Lower Upper
168 100
139 39.1 30.9 46.3
169 13.3 10.9 16.3

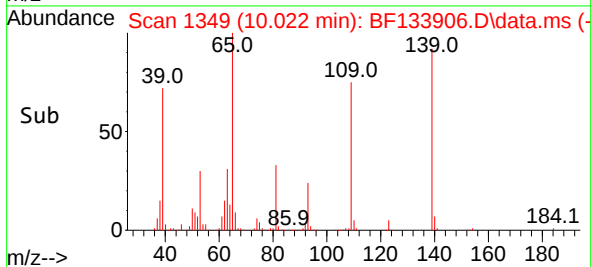
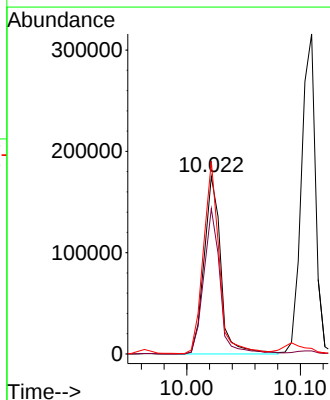
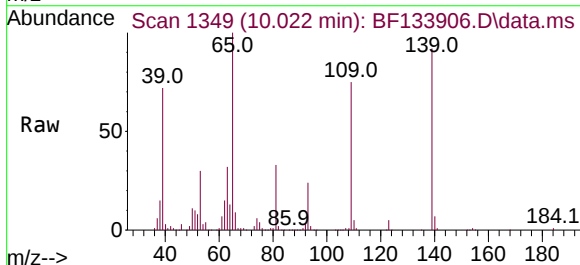
Manual Integrations
APPROVED

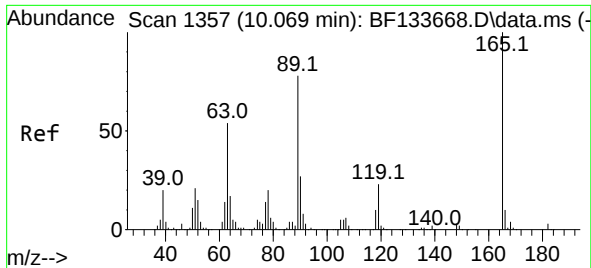
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#56
4-Nitrophenol
Concen: 80.904 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Tgt Ion:139 Resp: 178357
Ion Ratio Lower Upper
139 100
109 81.8 50.7 90.7
65 108.5 67.1 107.1#





#57
2,4-Dinitrotoluene
Concen: 45.594 ng
RT: 10.092 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

ClientSampleId :

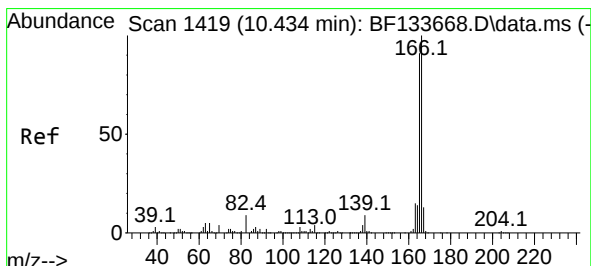
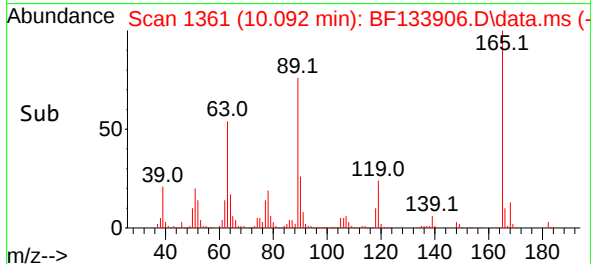
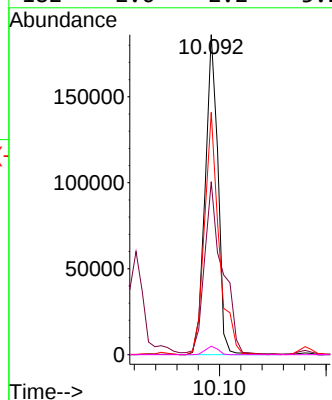
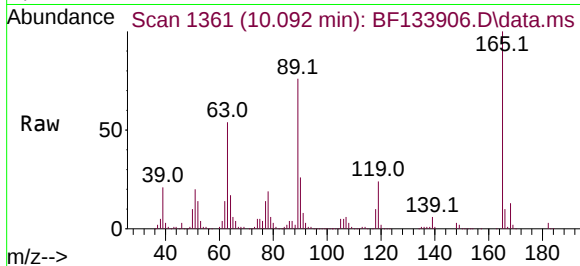
WC-19MSD

Tgt Ion:165 Resp: 155649
Ion Ratio Lower Upper
165 100
63 54.1 43.0 64.6
89 75.7 62.6 93.8
182 2.6 2.2 3.2

Manual Integrations

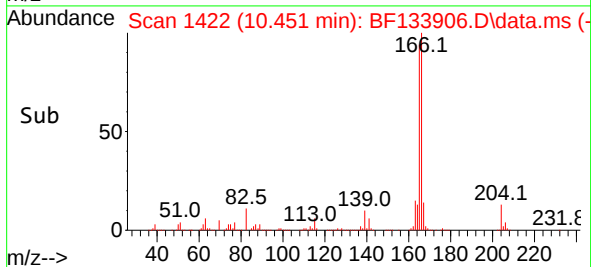
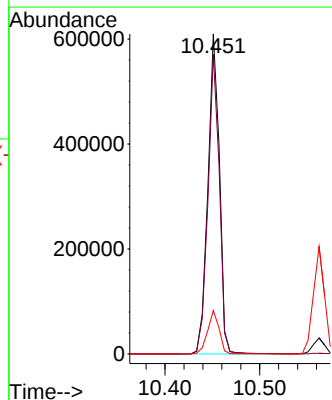
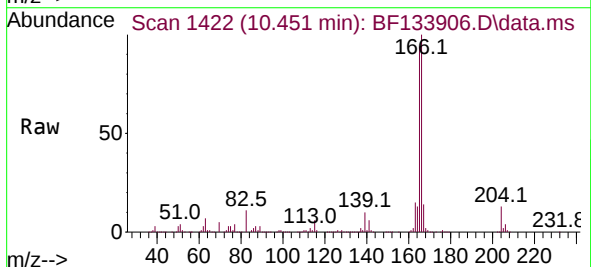
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#58
Fluorene
Concen: 42.929 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

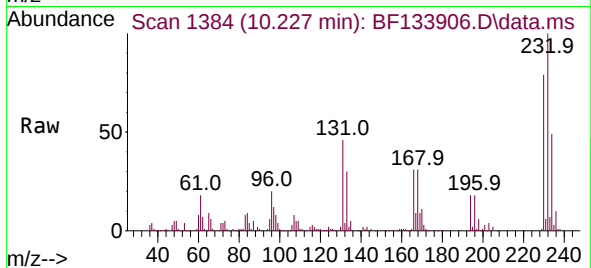
Tgt Ion:166 Resp: 514392
Ion Ratio Lower Upper
166 100
165 93.7 73.1 109.7
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.909 ng
RT: 10.227 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

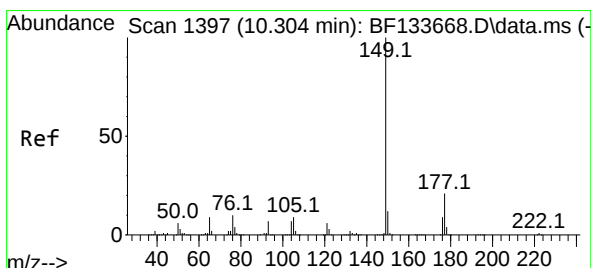
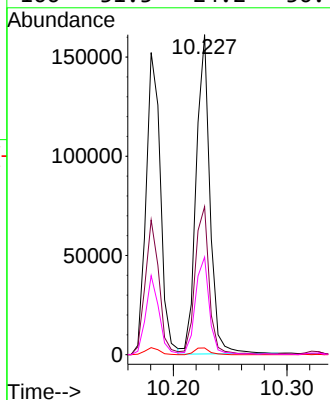
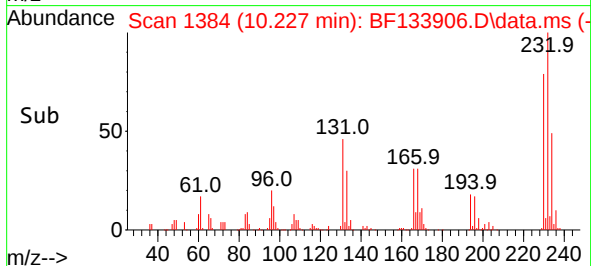
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



Tgt Ion:232 Resp: 135361
Ion Ratio Lower Upper
232 100
131 47.2 38.0 57.0
130 2.4 1.8 2.8
166 31.3 24.2 36.4

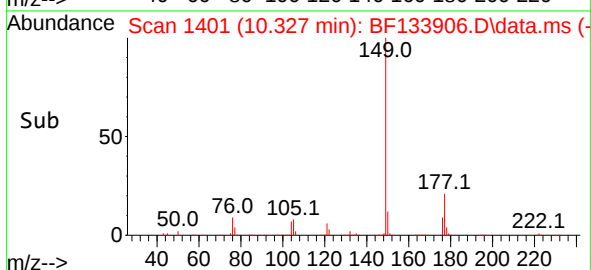
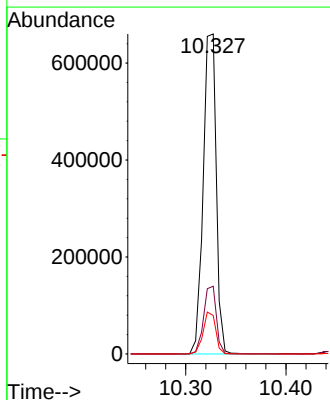
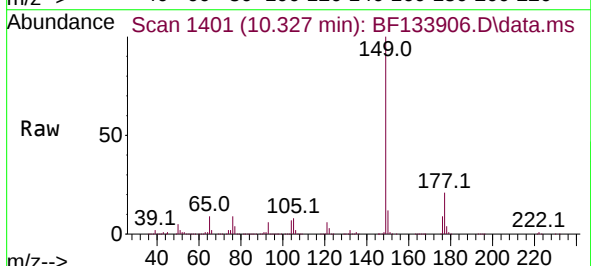
Manual Integrations
APPROVED

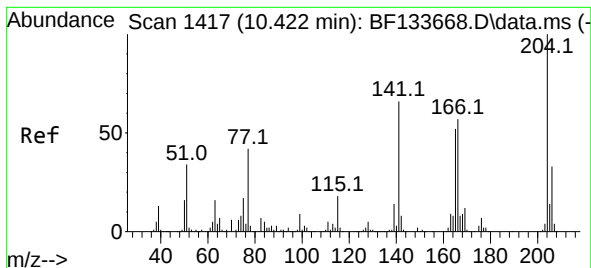
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#60
Diethylphthalate
Concen: 45.317 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

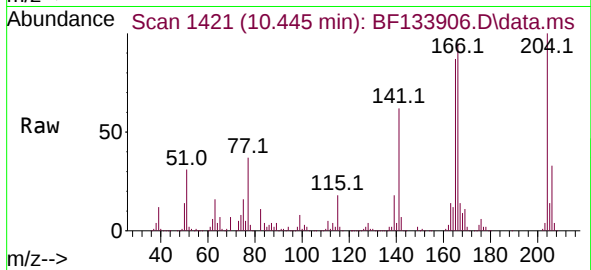
Tgt Ion:149 Resp: 599780
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.799 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

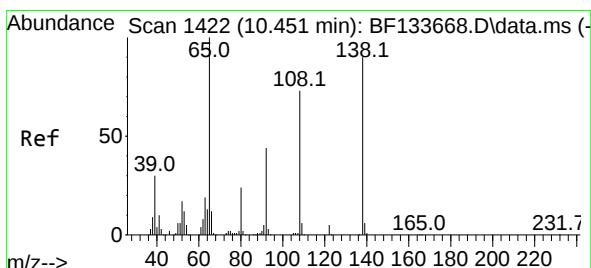
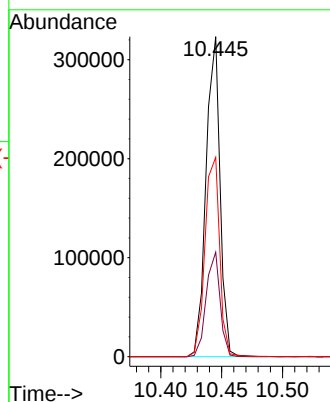
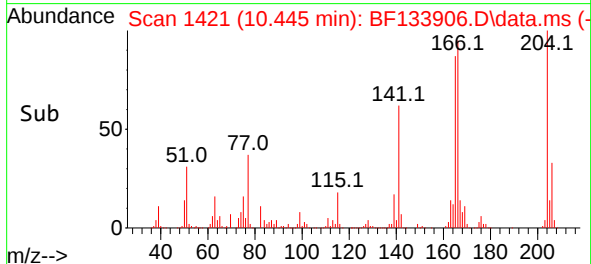
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



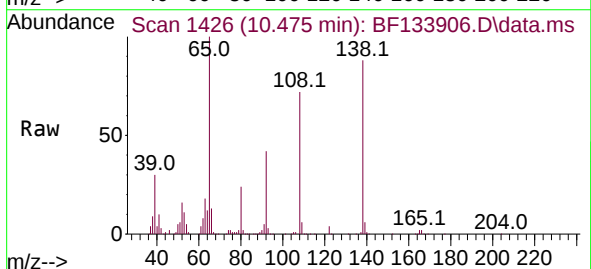
Tgt Ion:204 Resp: 25908
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 62.3 52.8 79.2

Manual Integrations
APPROVED

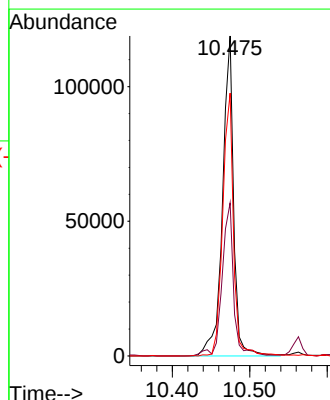
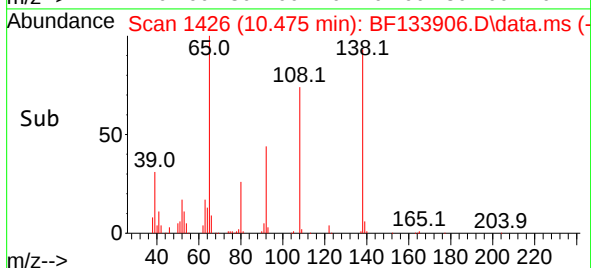
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

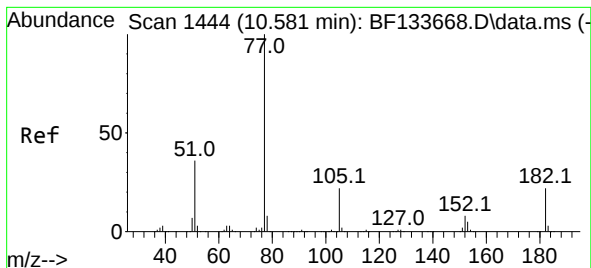


#62
4-Nitroaniline
Concen: 36.972 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



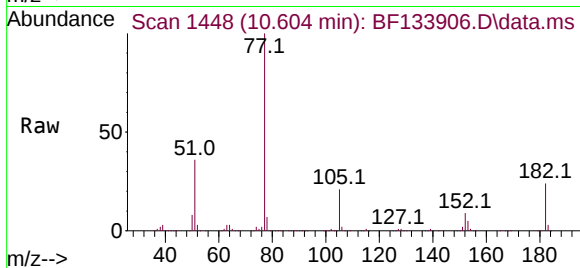
Tgt Ion:138 Resp: 118412
Ion Ratio Lower Upper
138 100
92 47.8 28.9 68.9
108 82.2 61.0 101.0





#63
Azobenzene
Concen: 46.023 ng
RT: 10.604 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

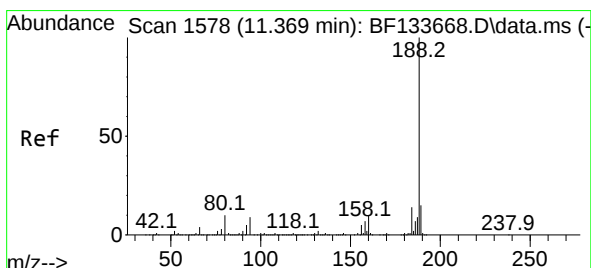
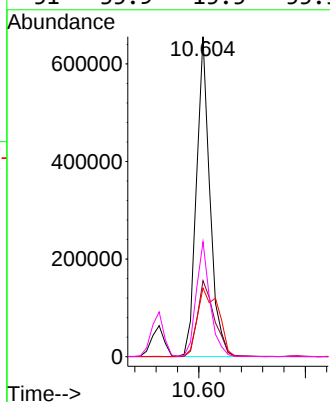
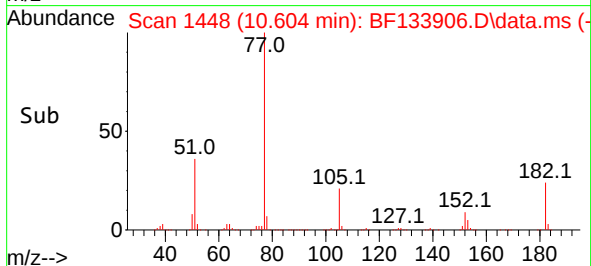
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



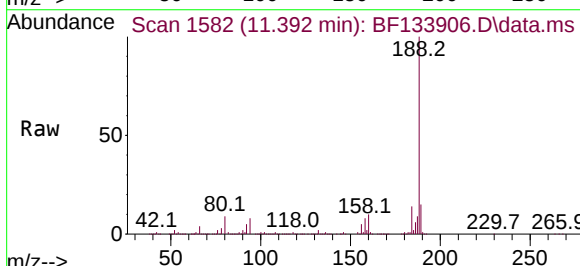
Tgt Ion: 77 Resp: 576649
Ion Ratio Lower Upper
77 100
182 23.8 1.6 41.6
105 21.4 1.6 41.6
51 35.9 15.5 55.5

Manual Integrations
APPROVED

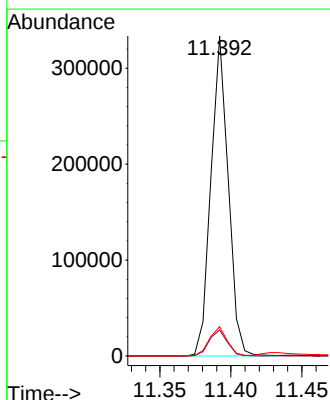
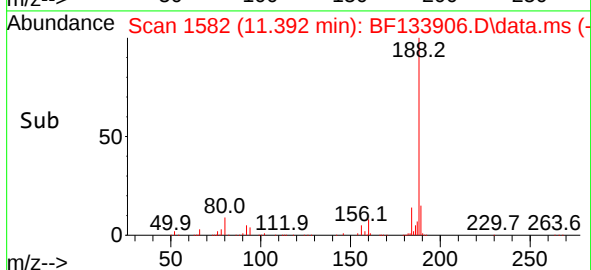
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

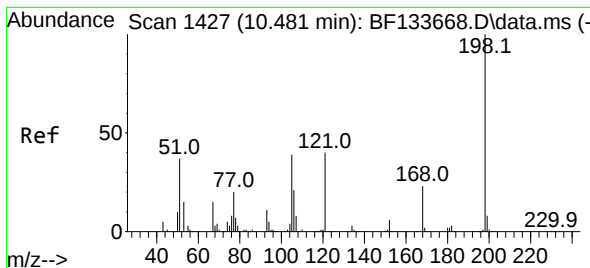


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



Tgt Ion:188 Resp: 283852
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 9.2 7.8 11.6





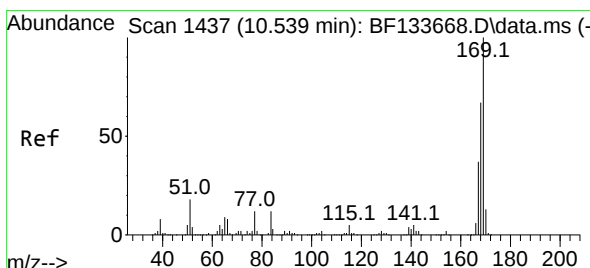
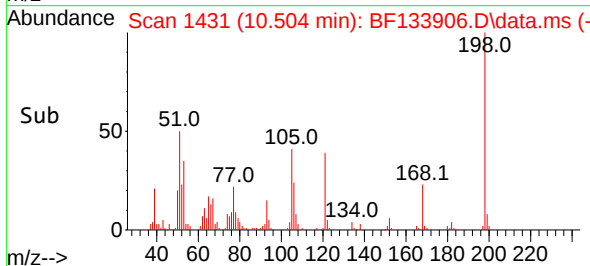
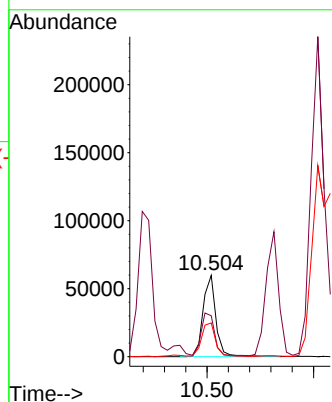
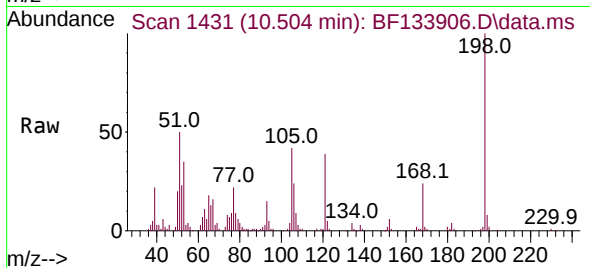
#65
4,6-Dinitro-2-methylphenol
Concen: 36.848 ng
RT: 10.504 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Instrument :
BNA_F
Client SampleId :
WC-19MSD

Tgt Ion:198 Resp: 49980
Ion Ratio Lower Upper
198 100
51 50.4 27.5 67.5
105 41.6 21.0 61.0

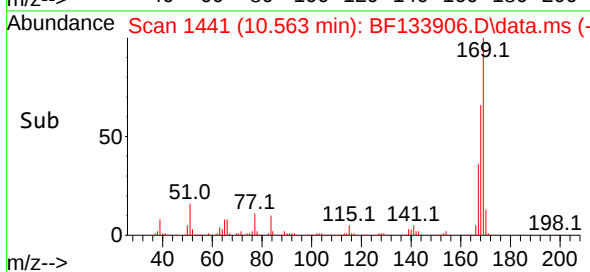
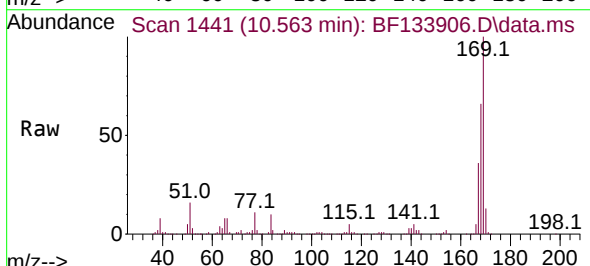
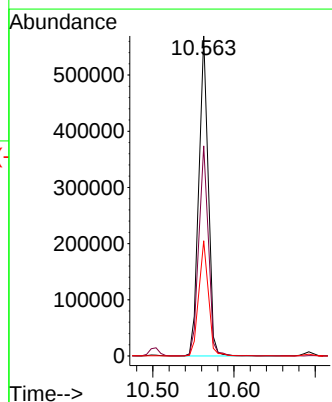
Manual Integrations
APPROVED

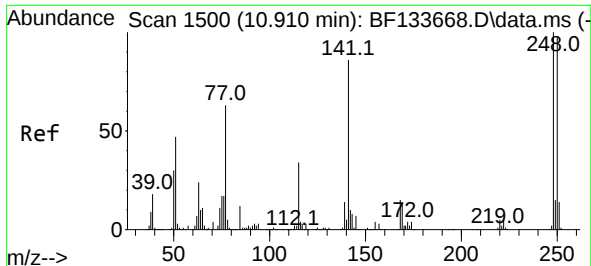
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#66
n-Nitrosodiphenylamine
Concen: 48.827 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

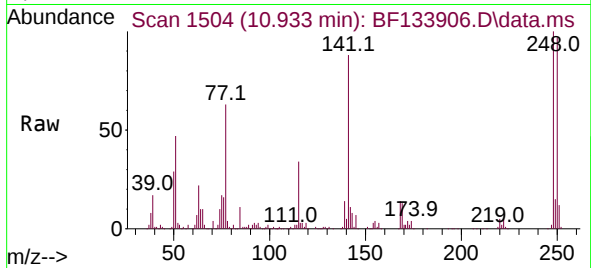
Tgt Ion:169 Resp: 465549
Ion Ratio Lower Upper
169 100
168 65.7 53.7 80.5
167 36.0 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 48.164 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

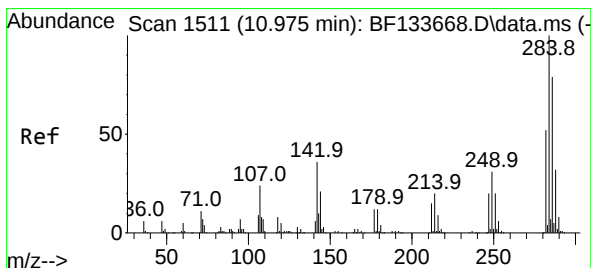
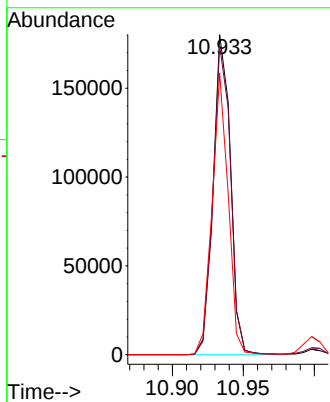
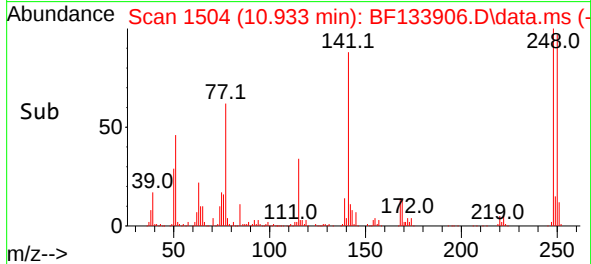
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



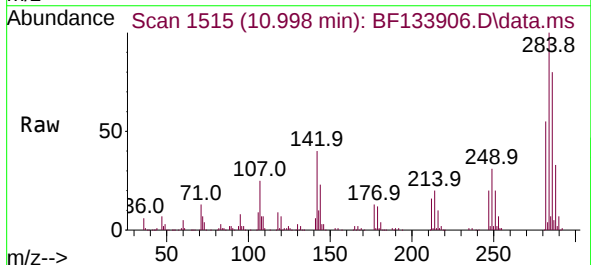
Tgt Ion:248 Resp: 152590
Ion Ratio Lower Upper
248 100
250 96.6 78.3 117.5
141 88.1 69.0 103.6

Manual Integrations
APPROVED

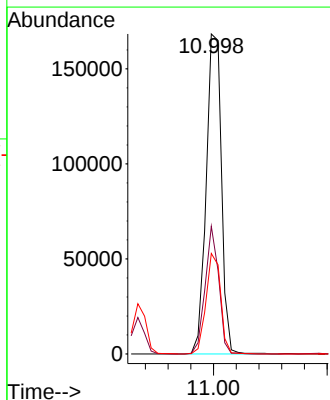
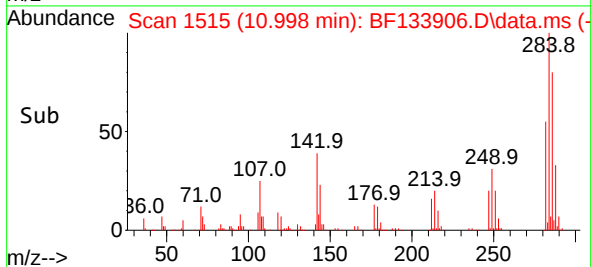
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

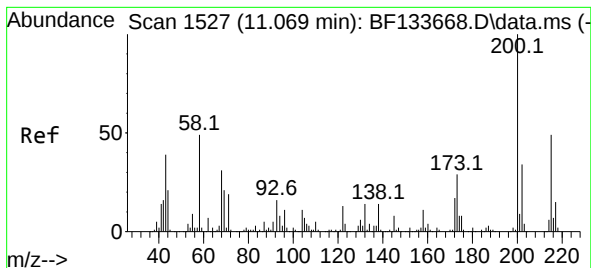


#68
Hexachlorobenzene
Concen: 47.082 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



Tgt Ion:284 Resp: 156858
Ion Ratio Lower Upper
284 100
142 39.9 28.6 42.8
249 31.4 24.6 36.8





#69

Atrazine

Concen: 51.878 ng

RT: 11.092 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

ClientSampleId :

WC-19MSD

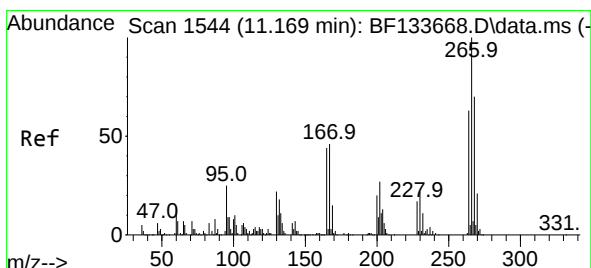
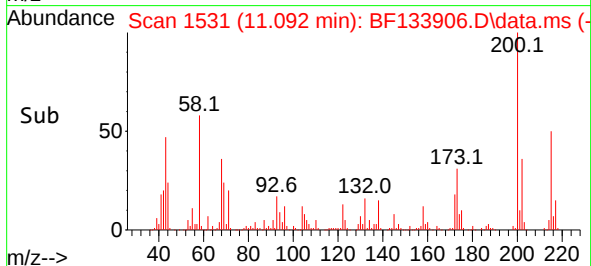
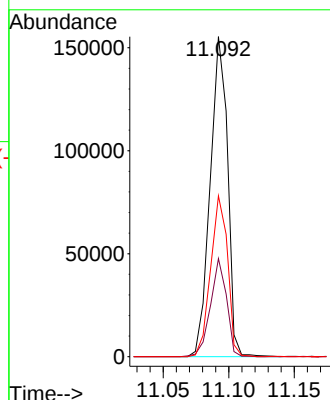
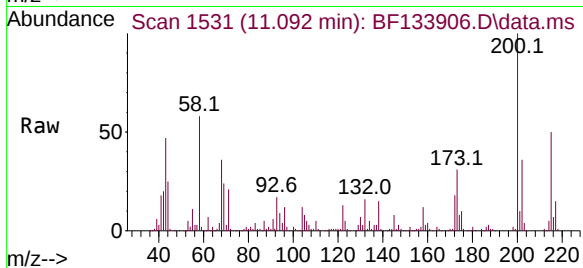
Tgt Ion:200 Resp: 14351
 Ion Ratio Lower Upper
 200 100
 173 30.7 8.7 48.7
 215 50.3 29.0 69.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#70

Pentachlorophenol

Concen: 76.198 ng

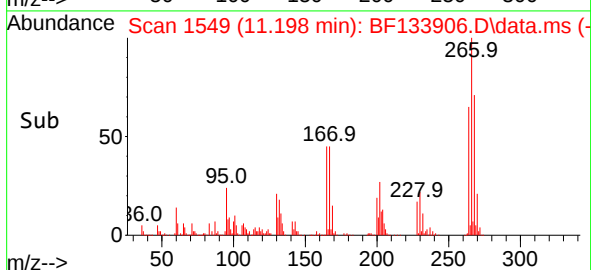
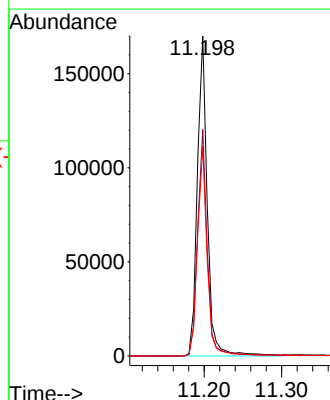
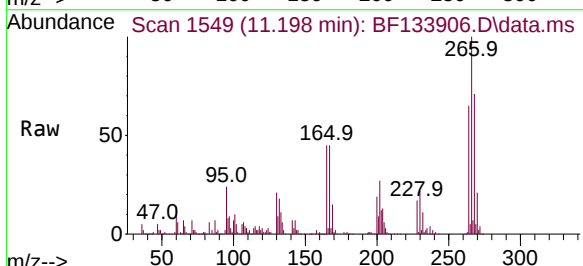
RT: 11.198 min Scan# 1549

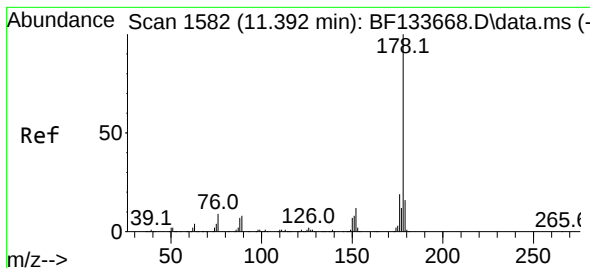
Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Tgt Ion:266 Resp: 152013
 Ion Ratio Lower Upper
 266 100
 268 70.8 55.7 83.5
 264 65.5 50.7 76.1





#71

Phenanthrene

Concen: 44.932 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

ClientSampleId :

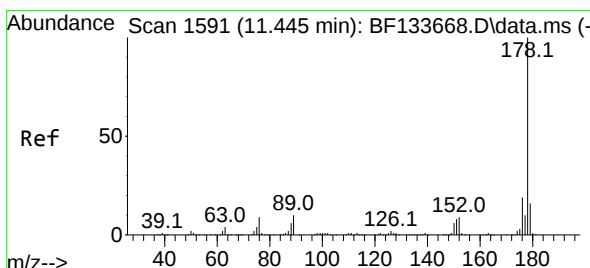
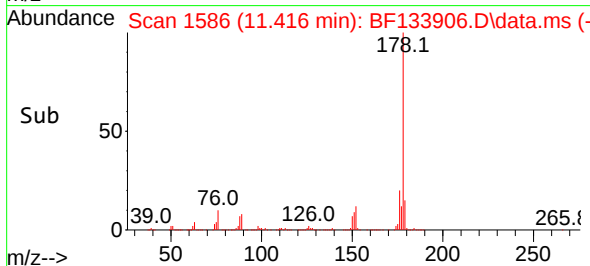
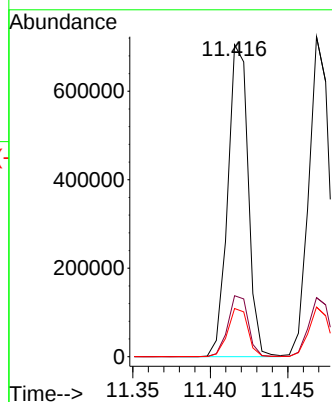
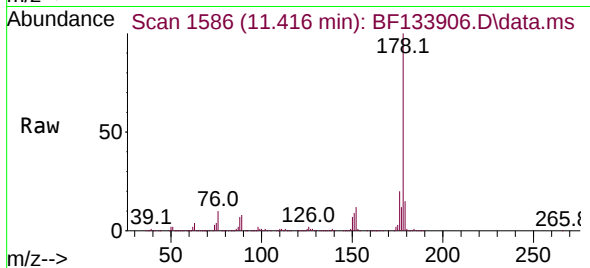
WC-19MSD

Tgt Ion:178 Resp: 647073
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.4 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#72

Anthracene

Concen: 43.783 ng

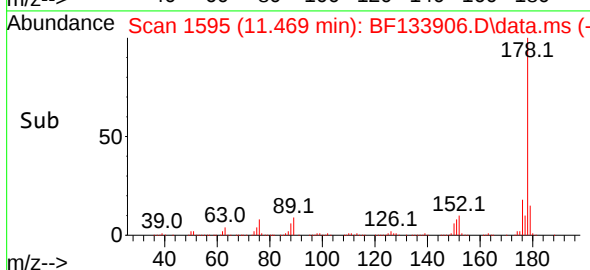
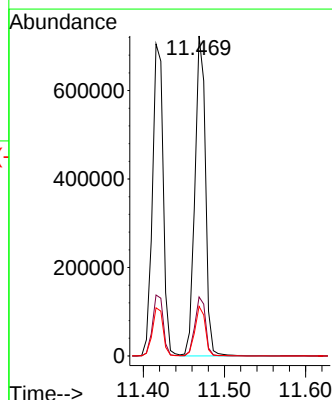
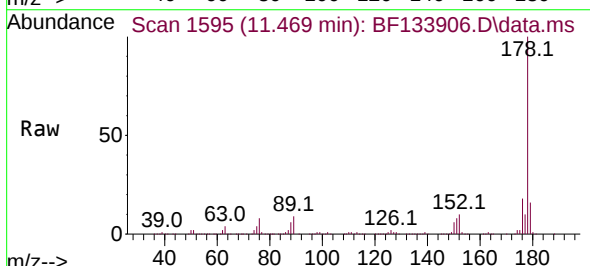
RT: 11.469 min Scan# 1595

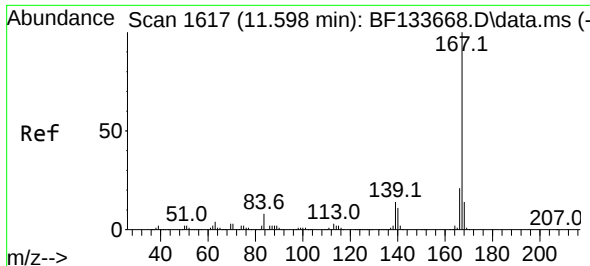
Delta R.T. -0.006 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

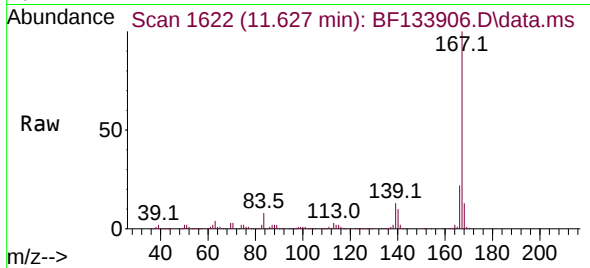
Tgt Ion:178 Resp: 657445
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.1 22.7
 179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 43.097 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF133906.D
 Acq: 22 Jun 2023 17:42

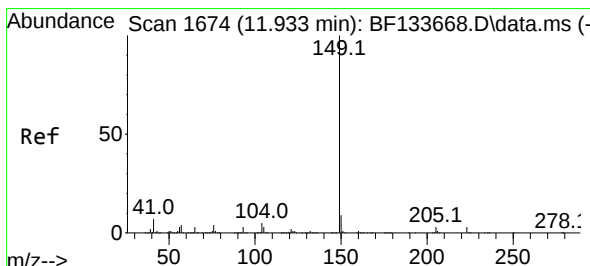
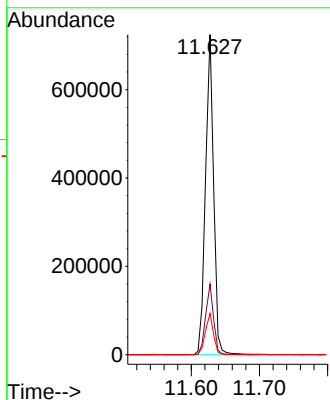
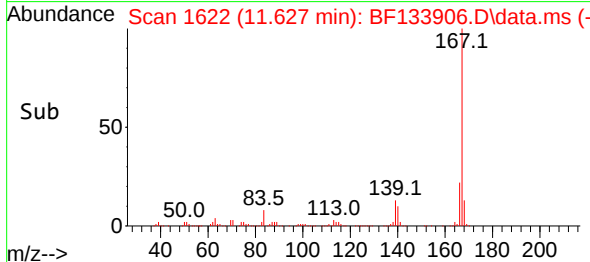
Instrument :
 BNA_F
 ClientSampleId :
 WC-19MSD



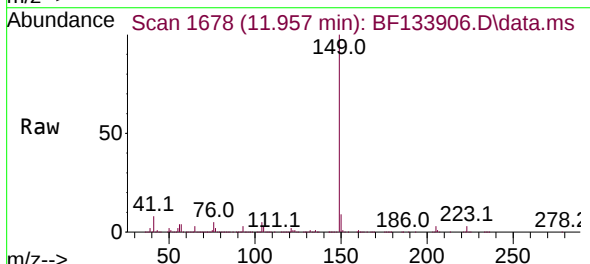
Tgt Ion:167 Resp: 60273
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.6
 139 12.9 11.2 16.8

Manual Integrations
 APPROVED

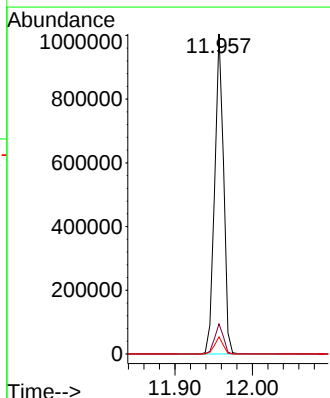
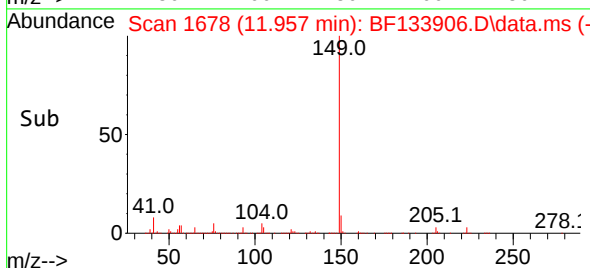
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

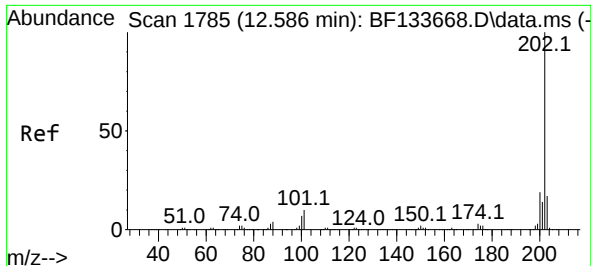


#74
 Di-n-butylphthalate
 Concen: 44.822 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF133906.D
 Acq: 22 Jun 2023 17:42



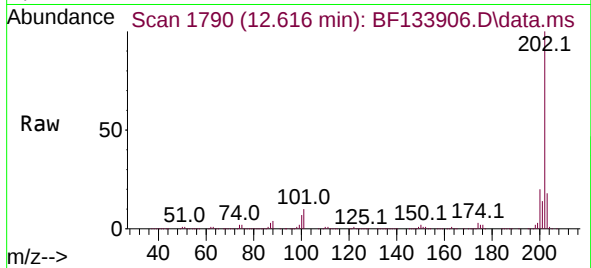
Tgt Ion:149 Resp: 803618
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.3 3.8 5.8





#75
Fluoranthene
Concen: 44.332 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

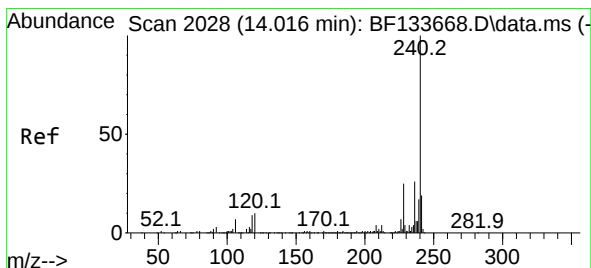
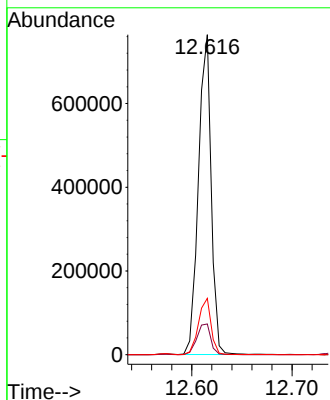
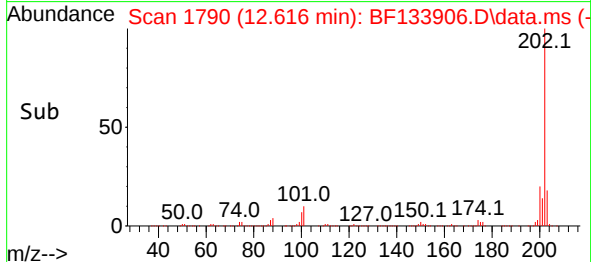
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



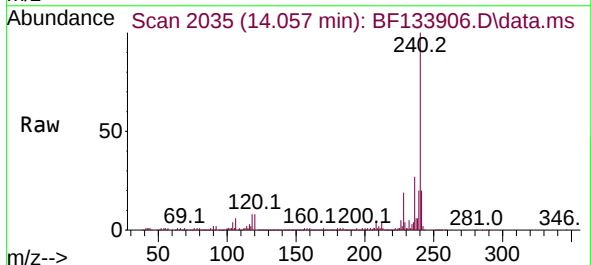
Tgt Ion:202 Resp: 677978
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.6
203 17.6 0.0 37.4

Manual Integrations
APPROVED

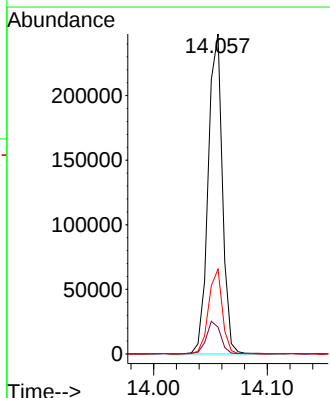
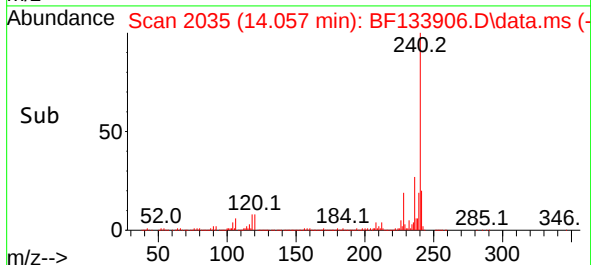
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

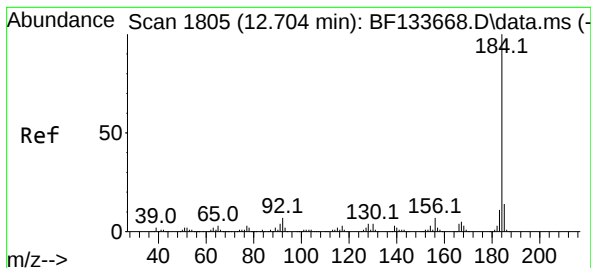


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



Tgt Ion:240 Resp: 215008
Ion Ratio Lower Upper
240 100
120 8.4 8.1 12.1
236 26.5 20.5 30.7





#77

Benzidine

Concen: 66.249 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

ClientSampleId :

WC-19MSD

Tgt Ion:184 Resp: 47797

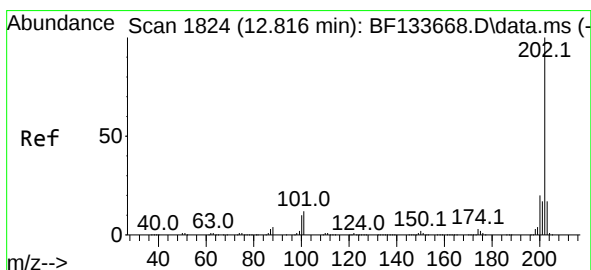
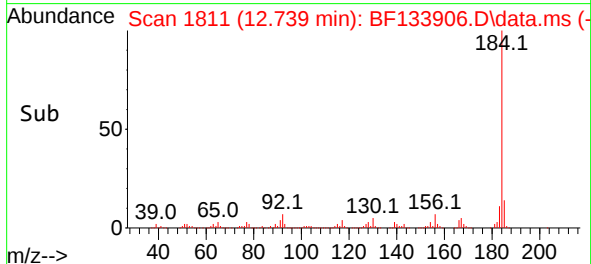
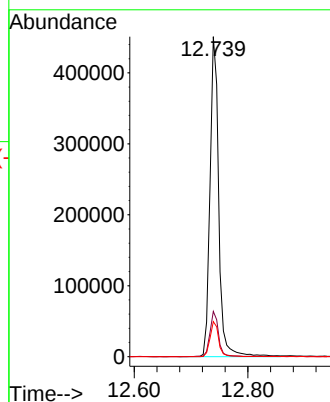
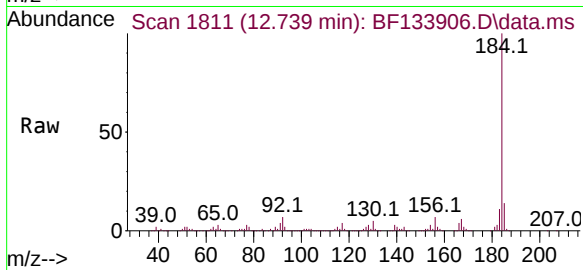
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.6	17.4
183	11.0	8.4	12.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#78

Pyrene

Concen: 35.222 ng

RT: 12.845 min Scan# 1829

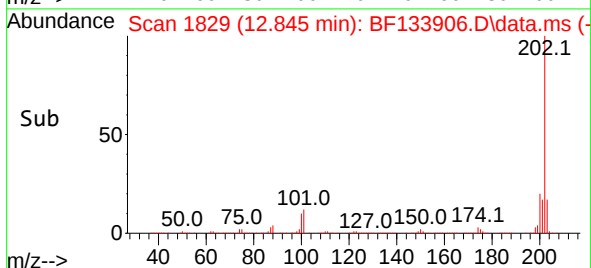
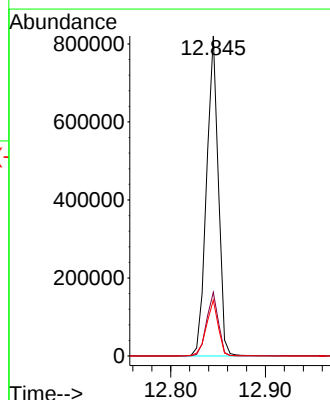
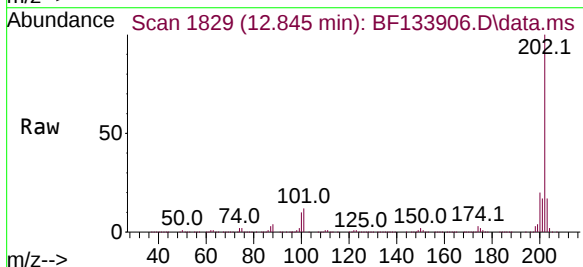
Delta R.T. 0.000 min

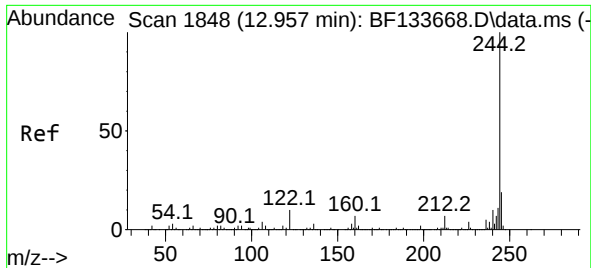
Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Tgt Ion:202 Resp: 705460

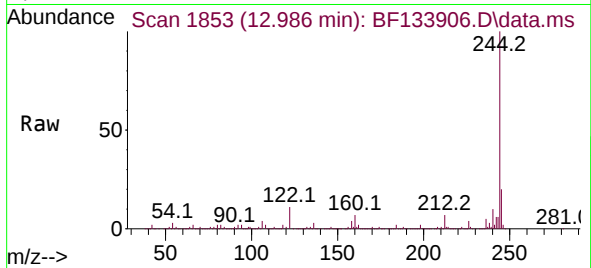
Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.2	24.2
203	17.4	13.9	20.9





#79
 Terphenyl-d14
 Concen: 56.562 ng
 RT: 12.986 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF133906.D
 Acq: 22 Jun 2023 17:42

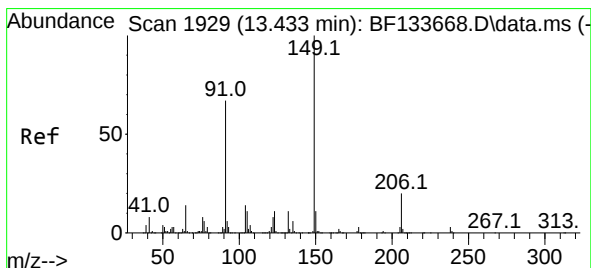
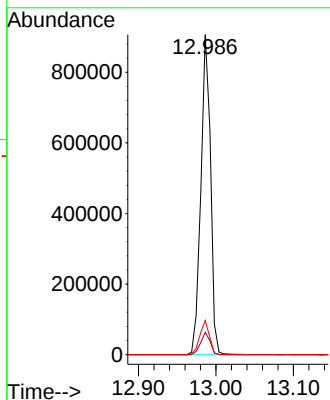
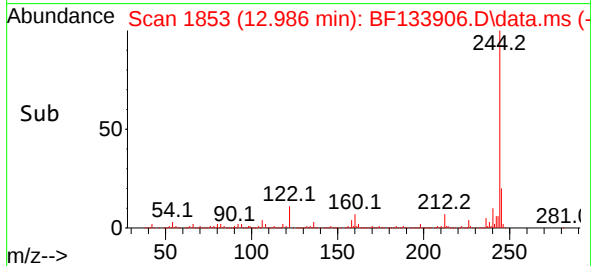
Instrument :
 BNA_F
 ClientSampleId :
 WC-19MSD



Tgt Ion:244 Resp: 785950
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.7 8.1 12.1

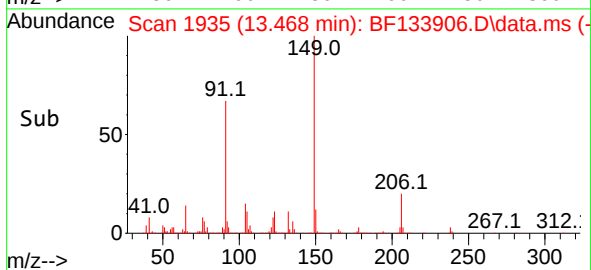
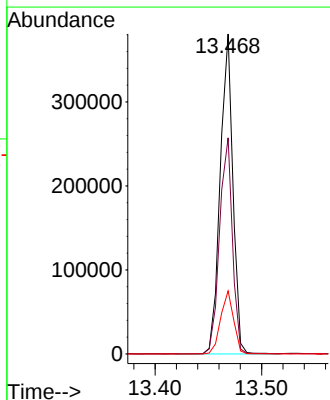
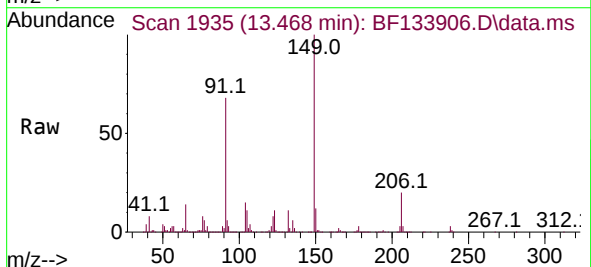
Manual Integrations
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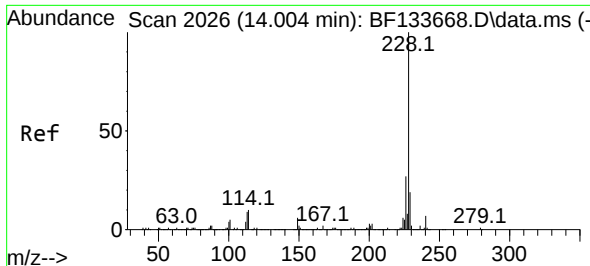
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#80
 Butylbenzylphthalate
 Concen: 37.159 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF133906.D
 Acq: 22 Jun 2023 17:42

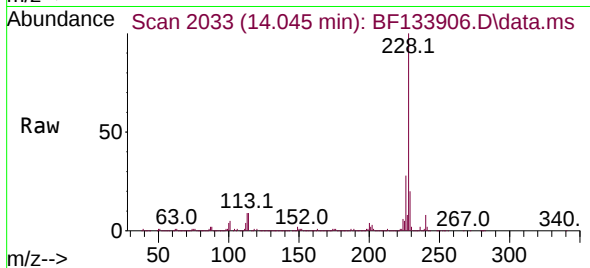
Tgt Ion:149 Resp: 314201
 Ion Ratio Lower Upper
 149 100
 91 67.5 54.0 81.0
 206 19.7 15.6 23.4





#81
Benzo(a)anthracene
Concen: 44.358 ng
RT: 14.045 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

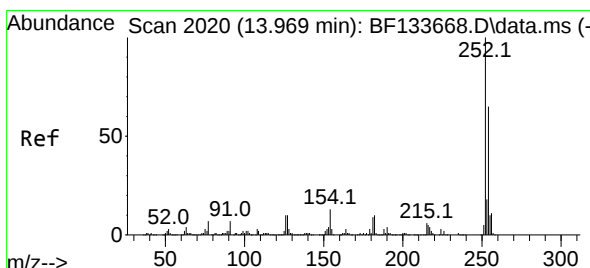
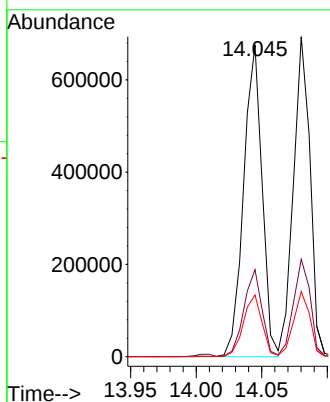
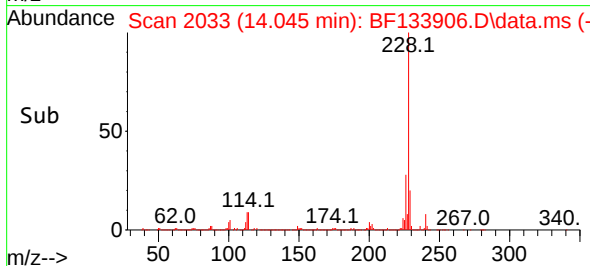
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



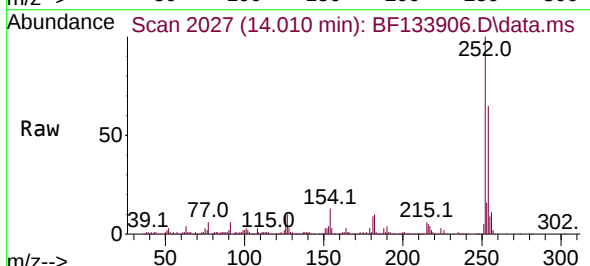
Tgt Ion:228 Resp: 65970
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 19.8 15.4 23.2

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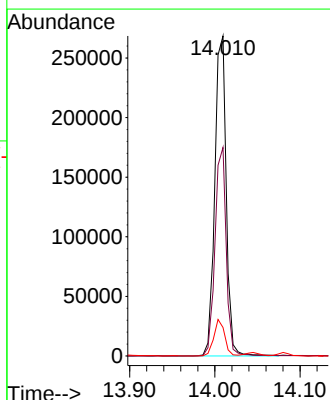
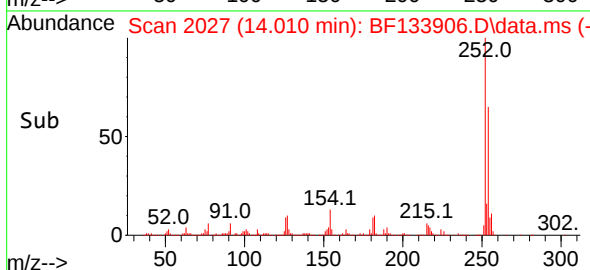
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

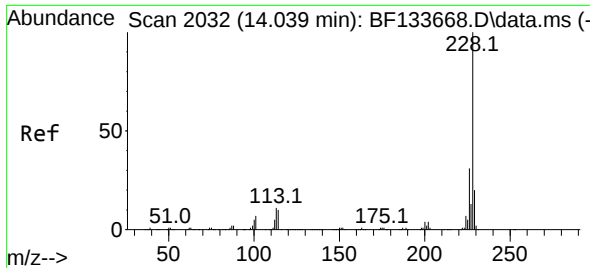


#82
3,3'-Dichlorobenzidine
Concen: 50.708 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



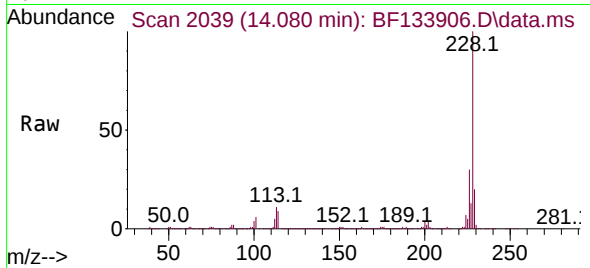
Tgt Ion:252 Resp: 250723
Ion Ratio Lower Upper
252 100
254 65.2 51.9 77.9
126 8.9 7.7 11.5





#83
Chrysene
Concen: 43.299 ng
RT: 14.080 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

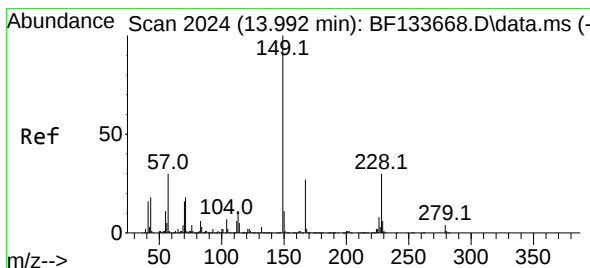
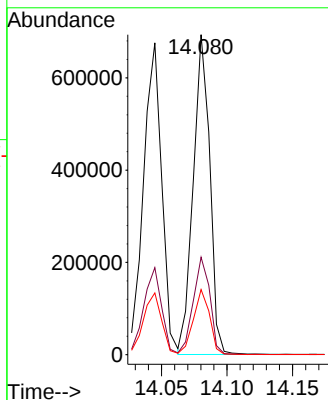
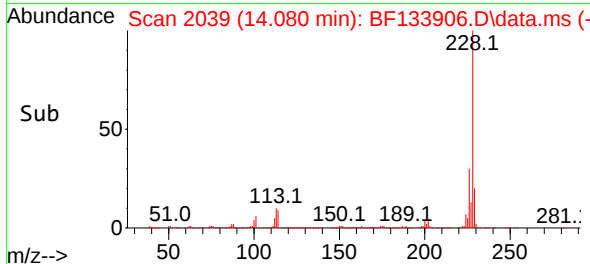
Instrument :
BNA_F
ClientSampleId :
WC-19MSD



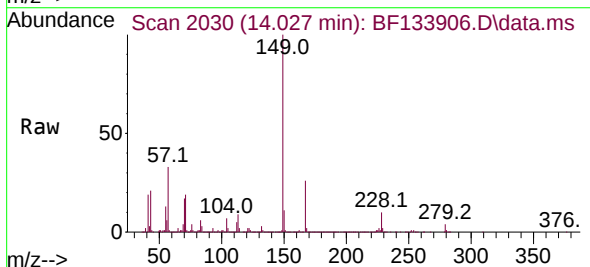
Tgt Ion:228 Resp: 60905
Ion Ratio Lower Upper
228 100
226 30.4 25.0 37.6
229 20.4 15.8 23.8

Manual Integrations
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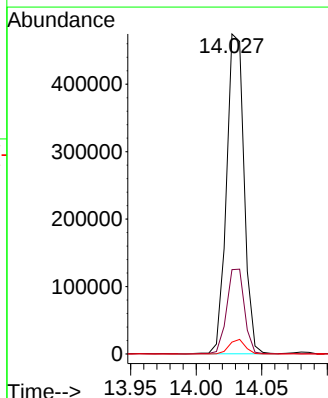
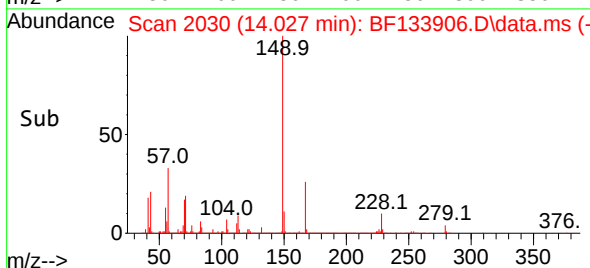
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

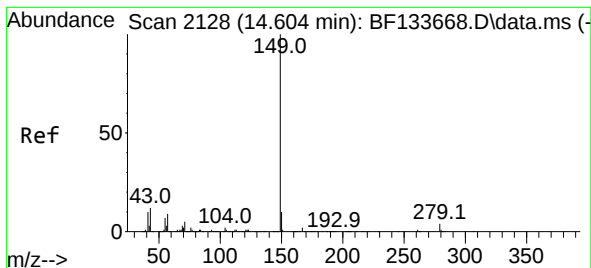


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.325 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42



Tgt Ion:149 Resp: 440649
Ion Ratio Lower Upper
149 100
167 26.4 21.8 32.8
279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 54.242 ng

RT: 14.651 min Scan# 2136

Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

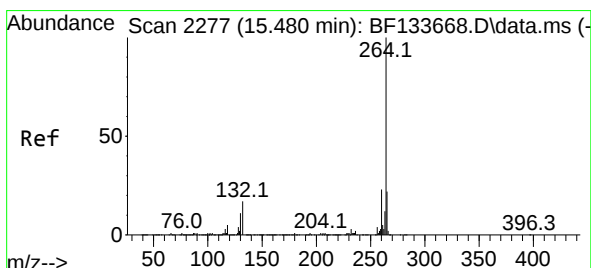
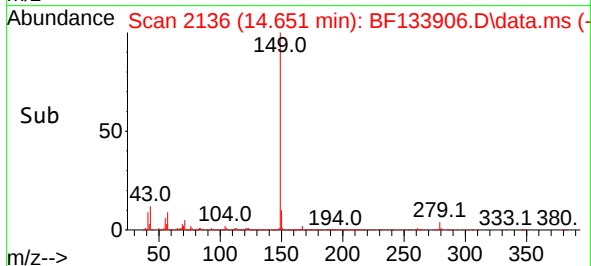
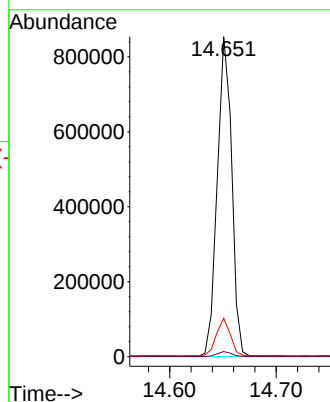
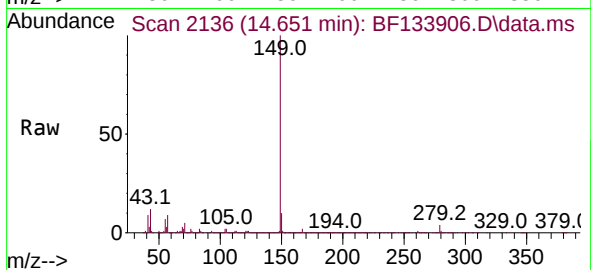
ClientSampleId :

WC-19MSD

Tgt Ion:149 Resp: 80250
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 11.3 8.7 13.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#86

Perylene-d12

Concen: 20.000 ng

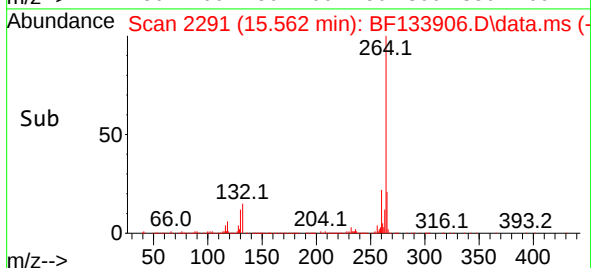
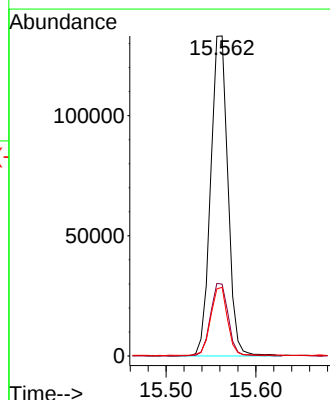
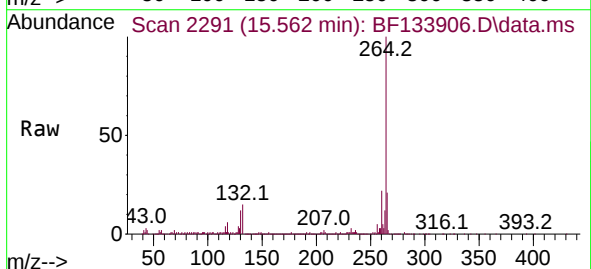
RT: 15.562 min Scan# 2291

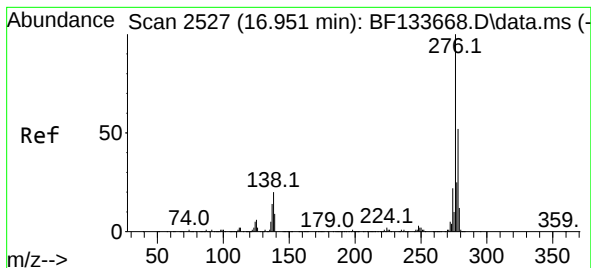
Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Tgt Ion:264 Resp: 177769
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.2
 265 21.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.462 ng

RT: 17.115 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

Instrument :

BNA_F

ClientSampleId :

WC-19MSD

Tgt Ion:276 Resp: 433700

Ion Ratio Lower Upper

276 100

138 22.9 17.9 26.9

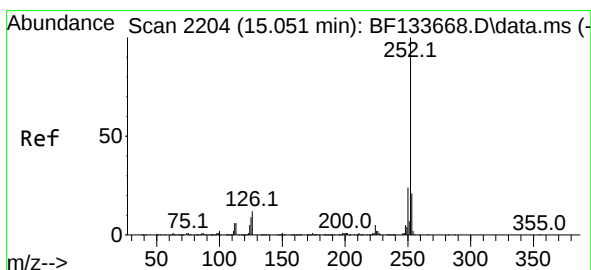
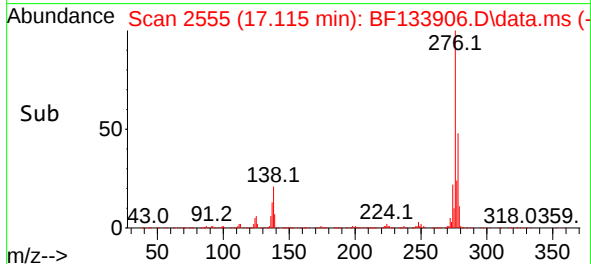
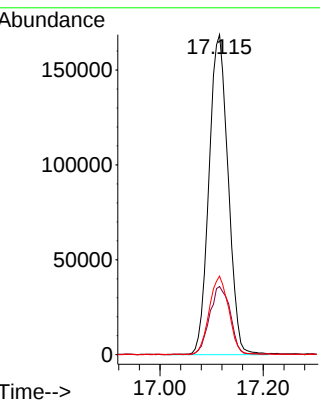
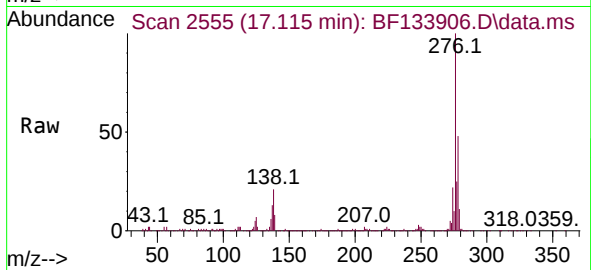
277 25.1 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#88

Benzo(b)fluoranthene

Concen: 50.838 ng

RT: 15.115 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BF133906.D

Acq: 22 Jun 2023 17:42

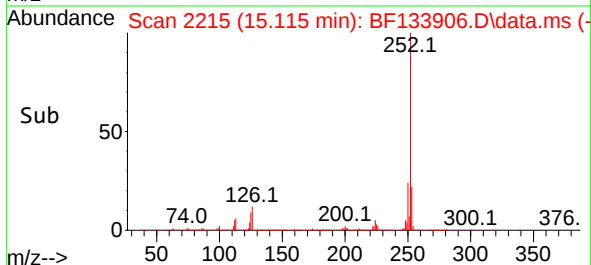
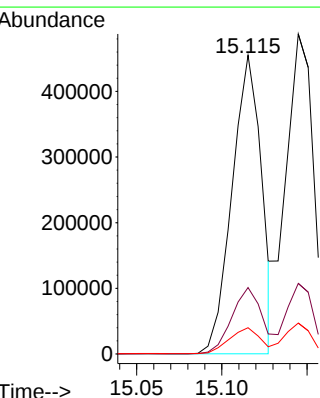
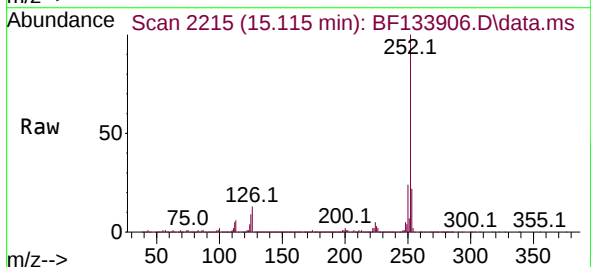
Tgt Ion:252 Resp: 548985

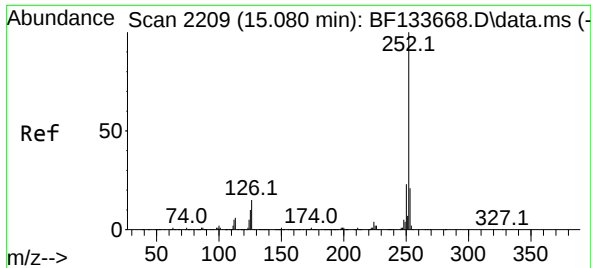
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 8.8 7.3 10.9





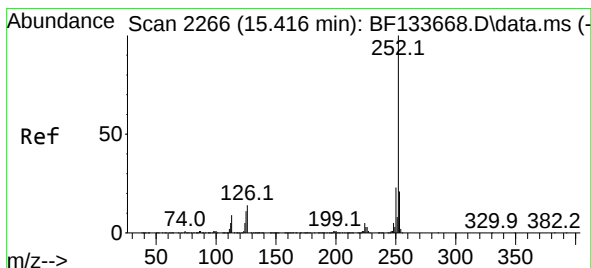
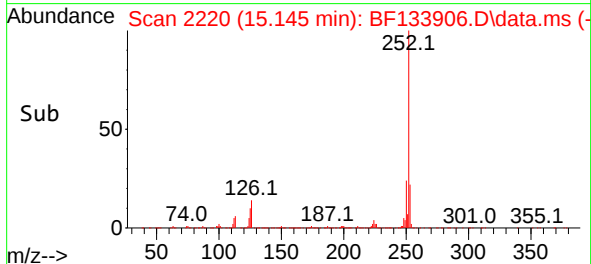
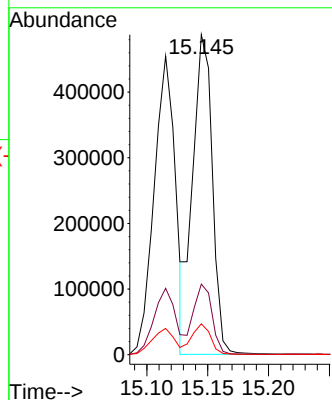
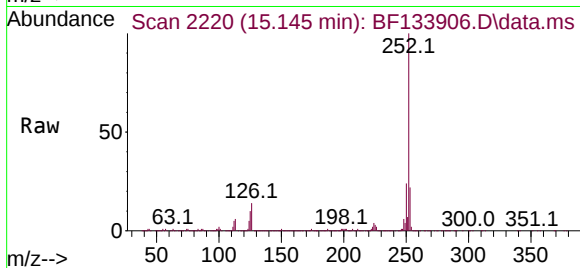
#89
Benzo(k)fluoranthene
Concen: 52.144 ng
RT: 15.145 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Instrument :
BNA_F
ClientSampleId :
WC-19MSD

Tgt Ion:252 Resp: 548510
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 9.7 7.8 11.6

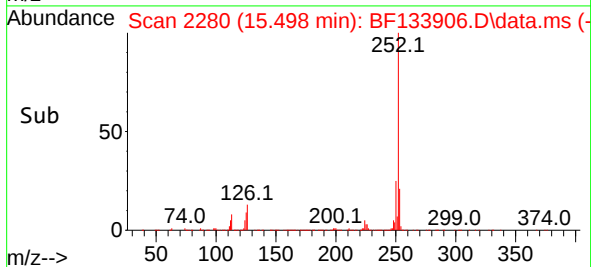
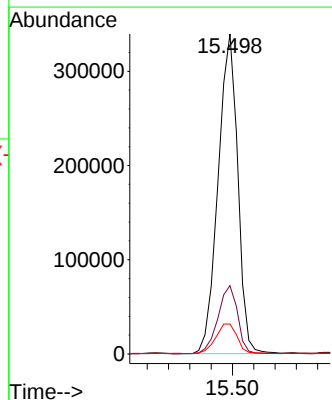
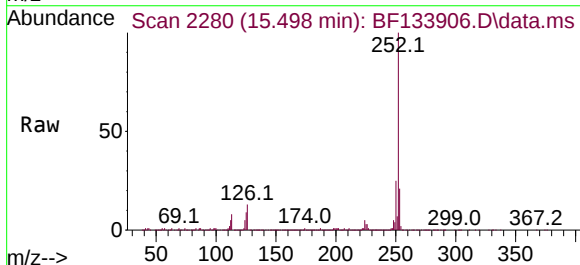
Manual Integrations
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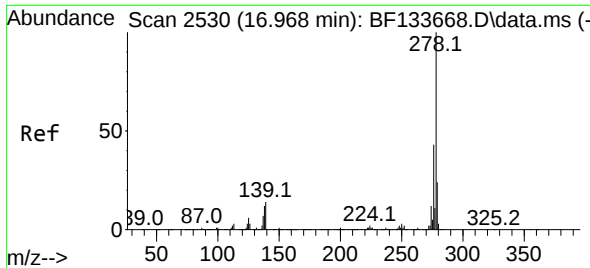
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#90
Benzo(a)pyrene
Concen: 43.308 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Tgt Ion:252 Resp: 434032
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 9.3 8.6 13.0





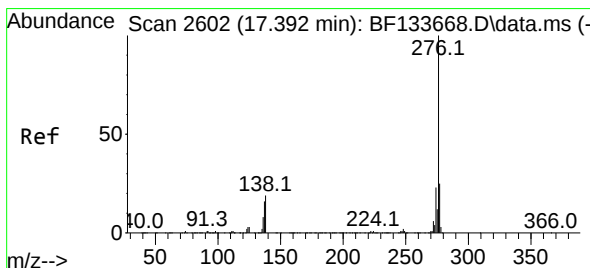
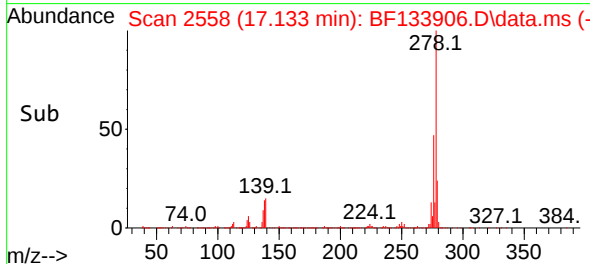
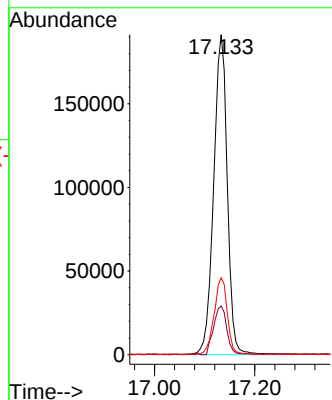
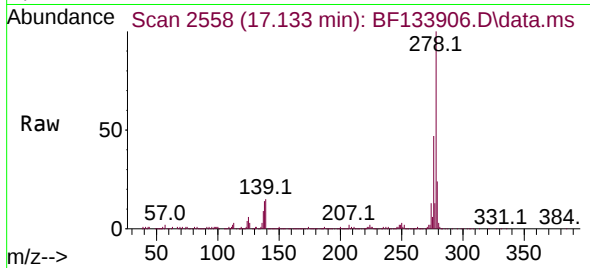
#91
Dibenzo(a,h)anthracene
Concen: 35.705 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Instrument :
BNA_F
ClientSampleId :
WC-19MSD

Tgt Ion:278 Resp: 36151
Ion Ratio Lower Upper
278 100
139 15.2 11.4 17.2
279 24.0 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#92
Benzo(g,h,i)perylene
Concen: 34.356 ng
RT: 17.586 min Scan# 2635
Delta R.T. -0.006 min
Lab File: BF133906.D
Acq: 22 Jun 2023 17:42

Tgt Ion:276 Resp: 344897
Ion Ratio Lower Upper
276 100
277 23.3 19.8 29.8
138 18.8 15.0 22.4

