

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
 Data File : BF135967.D
 Acq On : 26 Oct 2023 17:10
 Operator : CG\JU
 Sample : 05039-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMFB-4MS

Quant Time: Oct 26 17:43:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	176735	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	671219	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	308909	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	463494	20.000	ng	0.00
76) Chrysene-d12	14.010	240	327569	20.000	ng	0.00
86) Perylene-d12	15.498	264	297892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1089024	95.150	ng	0.00
7) Phenol-d6	6.463	99	1353755	95.007	ng	0.00
23) Nitrobenzene-d5	7.392	82	773929	75.672	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	284387	105.178	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1415213	73.358	ng	0.00
79) Terphenyl-d14	12.951	244	1246877	63.597	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	185523	34.895	ng	98
3) Pyridine	3.393	79	462432	31.512	ng	98
4) n-Nitrosodimethylamine	3.363	42	243359	38.033	ng	98
6) Aniline	6.487	93	608373	31.709	ng	100
8) 2-Chlorophenol	6.610	128	527646	44.533	ng	99
9) Benzaldehyde	6.375	77	152581	19.795	ng	99
10) Phenol	6.475	94	641613m	43.072	ng	
11) bis(2-Chloroethyl)ether	6.569	93	494988	42.690	ng	99
12) 1,3-Dichlorobenzene	6.769	146	529666	42.086	ng	96
13) 1,4-Dichlorobenzene	6.845	146	540989	42.801	ng	98
14) 1,2-Dichlorobenzene	6.992	146	511209	43.554	ng	98
15) Benzyl Alcohol	6.969	79	426603	42.352	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	712000	41.697	ng	98
17) 2-Methylphenol	7.081	107	409765	39.239	ng	98
18) Hexachloroethane	7.339	117	192517	44.793	ng	93
19) n-Nitroso-di-n-propyla...	7.245	70	338123	41.729	ng	96
20) 3+4-Methylphenols	7.234	107	503340	39.936	ng	# 85
22) Acetophenone	7.239	105	673572	44.431	ng	# 92
24) Nitrobenzene	7.410	77	500975	45.227	ng	99
25) Isophorone	7.645	82	951665	44.855	ng	100
26) 2-Nitrophenol	7.722	139	231533	55.412	ng	98
27) 2,4-Dimethylphenol	7.763	122	400540	41.422	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	589166	45.221	ng	98
29) 2,4-Dichlorophenol	7.963	162	415065	47.934	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	444955	45.385	ng	99
31) Naphthalene	8.128	128	1463019	45.083	ng	99
32) Benzoic acid	7.875	122	288775m	56.236	ng	
33) 4-Chloroaniline	8.175	127	398314	27.770	ng	100
34) Hexachlorobutadiene	8.245	225	255038	46.152	ng	97
35) Caprolactam	8.551	113	139572m	48.437	ng	
36) 4-Chloro-3-methylphenol	8.657	107	420888	45.739	ng	99
37) 2-Methylnaphthalene	8.822	142	914304	42.583	ng	100
38) 1-Methylnaphthalene	8.922	142	872788	43.503	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	417985	47.908	ng	100
41) Hexachlorocyclopentadiene	8.975	237	220068	51.154	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	271175	53.103	ng	98

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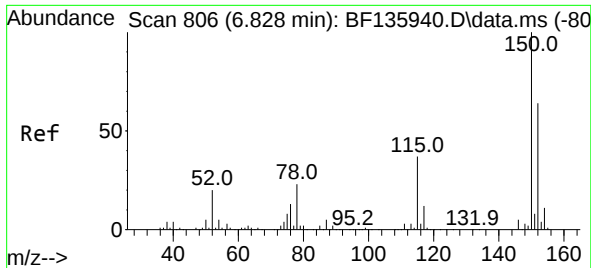
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	288729	47.621	ng	96
46) 1,1'-Biphenyl	9.286	154	1124134	48.026	ng	99
47) 2-Chloronaphthalene	9.310	162	825400	47.674	ng	98
48) 2-Nitroaniline	9.404	65	241389	50.458	ng	99
49) Acenaphthylene	9.727	152	1274724	46.670	ng	99
50) Dimethylphthalate	9.592	163	955631	47.704	ng	99
51) 2,6-Dinitrotoluene	9.651	165	200102	48.163	ng	90
52) Acenaphthene	9.898	154	812122	46.395	ng	99
53) 3-Nitroaniline	9.816	138	200319	41.041	ng	96
54) 2,4-Dinitrophenol	9.922	184	99094	70.397	ng	94
55) Dibenzofuran	10.075	168	1094071	43.265	ng	97
56) 4-Nitrophenol	9.975	139	311731	77.359	ng	92
57) 2,4-Dinitrotoluene	10.051	165	242841	47.331	ng	92
58) Fluorene	10.416	166	798343	42.198	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	215115	47.150	ng	99
60) Diethylphthalate	10.292	149	886956	46.431	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	391594	42.909	ng	97
62) 4-Nitroaniline	10.433	138	187121	38.994	ng	96
63) Azobenzene	10.569	77	794897	41.004	ng	100
65) 4,6-Dinitro-2-methylph...	10.457	198	72836	48.451	ng	98
66) n-Nitrosodiphenylamine	10.527	169	723404	51.664	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	240856	50.742	ng	93
68) Hexachlorobenzene	10.963	284	250793	49.460	ng	94
69) Atrazine	11.063	200	232270	60.850	ng	99
70) Pentachlorophenol	11.157	266	269398	83.596	ng	99
71) Phenanthrene	11.380	178	1157787	49.374	ng	100
72) Anthracene	11.433	178	1108878	46.183	ng	100
73) Carbazole	11.586	167	950091	44.359	ng	99
74) Di-n-butylphthalate	11.927	149	1125490	49.382	ng	100
75) Fluoranthene	12.574	202	1159712	47.009	ng	98
77) Benzidine	12.704	184	635455	100.606	ng	99
78) Pyrene	12.804	202	1250246	45.457	ng	100
80) Butylbenzylphthalate	13.439	149	443413	43.084	ng	99
81) Benzo(a)anthracene	13.998	228	1089363	48.910	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	352793	52.063	ng	97
83) Chrysene	14.039	228	1024774	47.240	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	568318	50.249	ng	99
85) Di-n-octyl phthalate	14.627	149	1059858	59.488	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	733644	43.433	ng	99
88) Benzo(b)fluoranthene	15.062	252	923023	52.065	ng	100
89) Benzo(k)fluoranthene	15.092	252	825326	47.401	ng	99
90) Benzo(a)pyrene	15.433	252	760281	46.532	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	599576	41.498	ng	97
92) Benzo(g,h,i)perylene	17.462	276	581968	36.411	ng	99

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



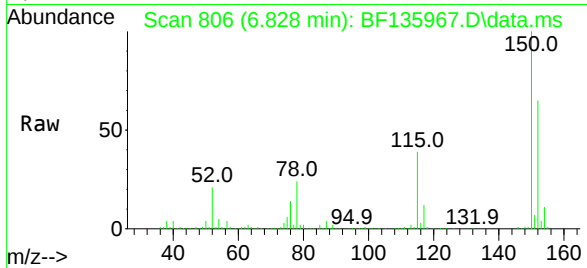
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

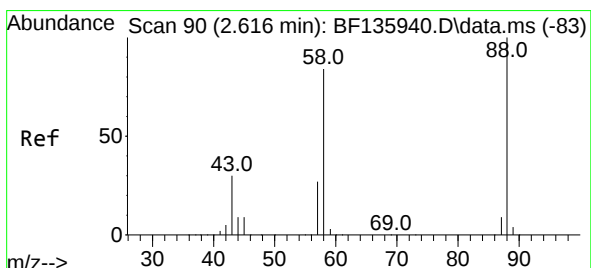
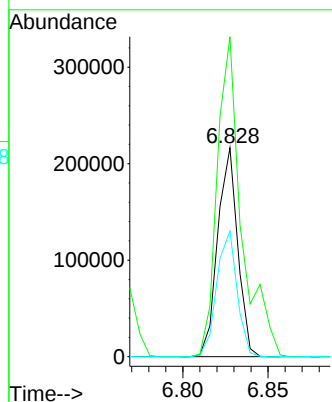
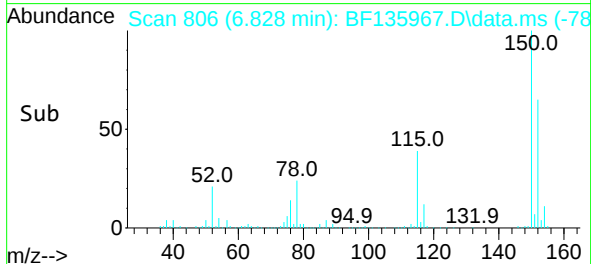


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Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 60.1 46.6 69.8

Manual Integrations

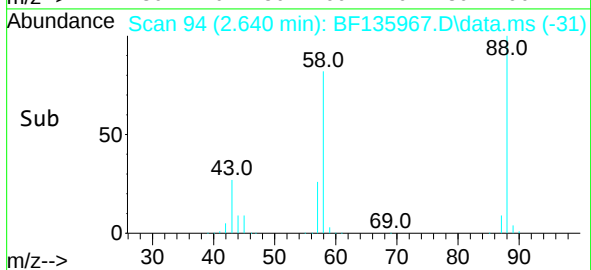
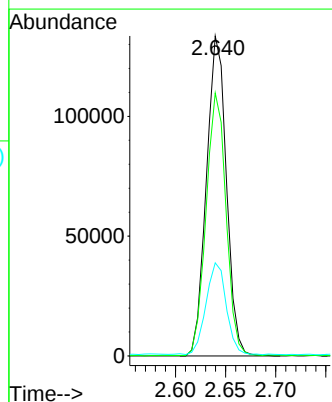
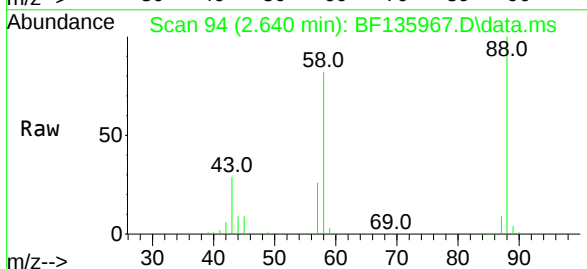
APPROVED

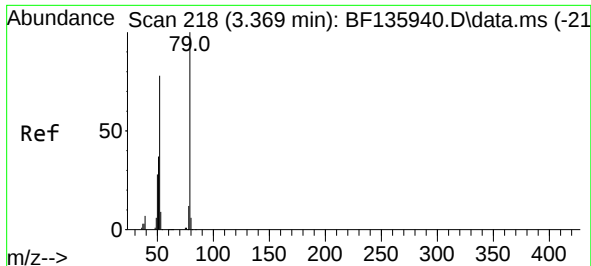
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#2
1,4-Dioxane
Concen: 34.895 ng
RT: 2.640 min Scan# 94
Delta R.T. 0.023 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

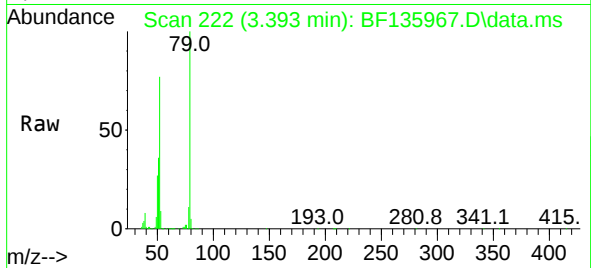
Tgt Ion: 88 Resp: 185523
Ion Ratio Lower Upper
88 100
58 81.7 66.6 100.0
43 29.1 23.8 35.8





#3
Pyridine
Concen: 31.512 ng
RT: 3.393 min Scan# 218
Delta R.T. 0.024 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

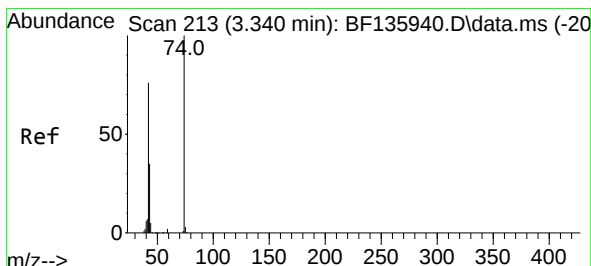
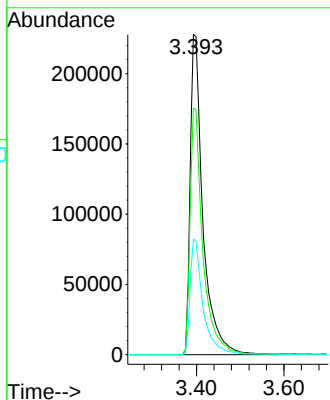
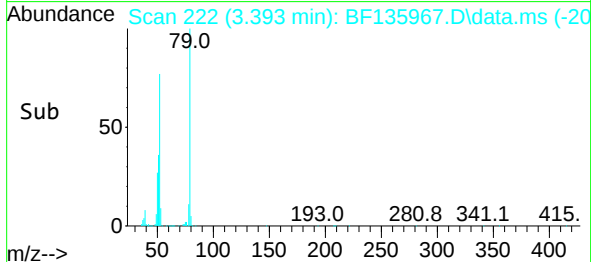
Instrument :
BNA_F
ClientSampleId :
MMFB-4MS



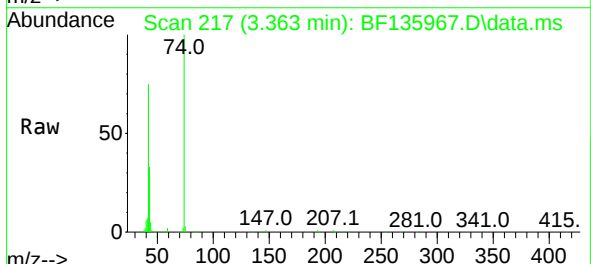
Tgt Ion: 79 Resp: 46243
Ion Ratio Lower Upper
79 100
52 77.1 62.6 93.8
51 36.0 29.8 44.8

Manual Integrations
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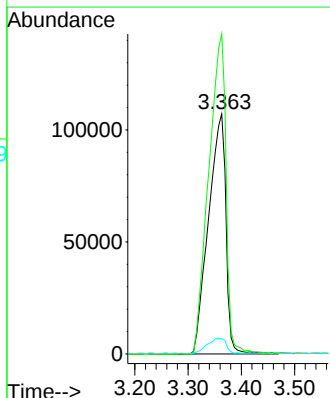
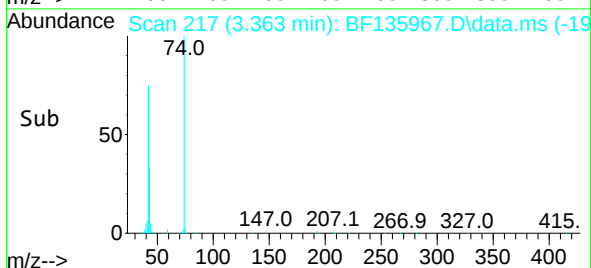
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

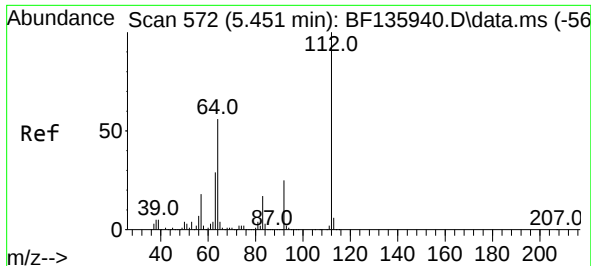


#4
n-Nitrosodimethylamine
Concen: 38.033 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.024 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



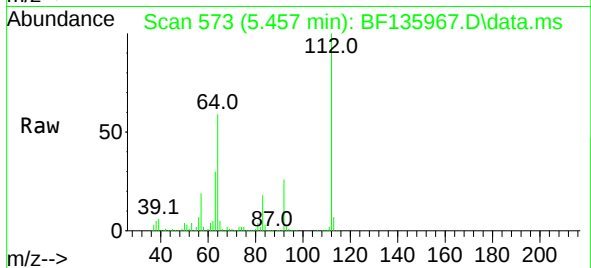
Tgt Ion: 42 Resp: 243359
Ion Ratio Lower Upper
42 100
74 133.3 104.8 157.2
44 6.4 5.9 8.9





#5
2-Fluorophenol
Concen: 95.150 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

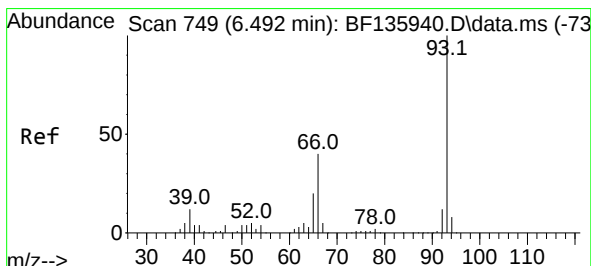
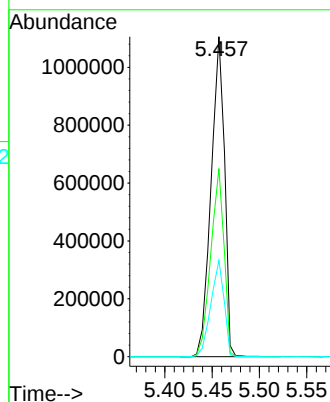
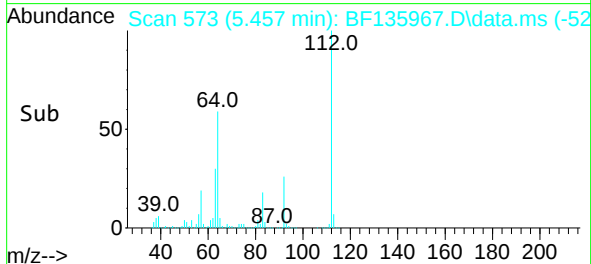
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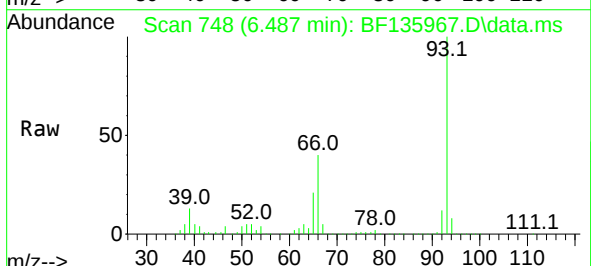
Tgt Ion: 112 Resp: 1089024
Ion Ratio Lower Upper
112 100
64 58.8 45.1 67.7
63 30.1 23.0 34.4

Manual Integrations
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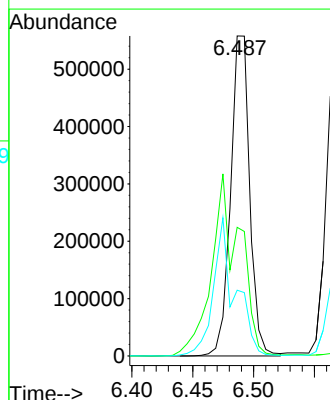
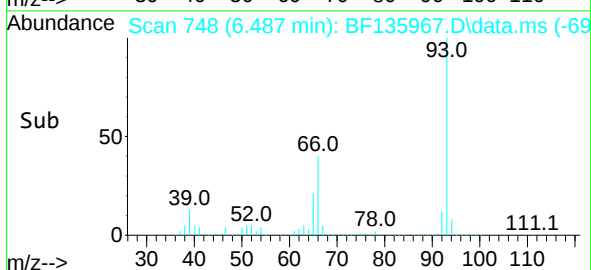
Reviewed By :Yogesh Patel 10/27/2023
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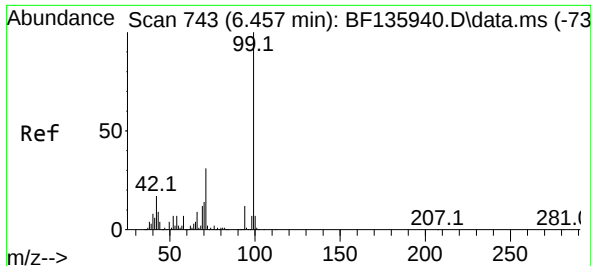


#6
Aniline
Concen: 31.709 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



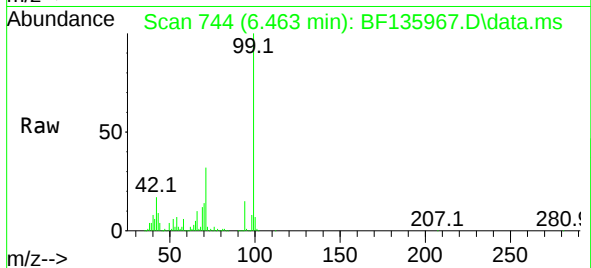
Tgt Ion: 93 Resp: 608373
Ion Ratio Lower Upper
93 100
66 40.2 32.0 48.0
65 20.5 16.2 24.4





#7
Phenol-d6
Concen: 95.007 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

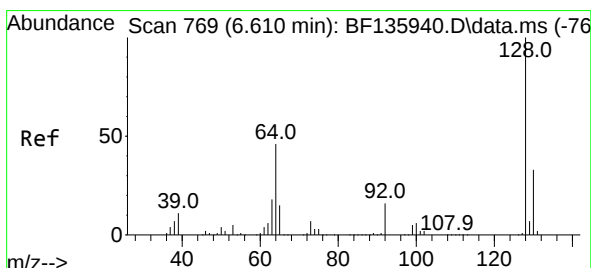
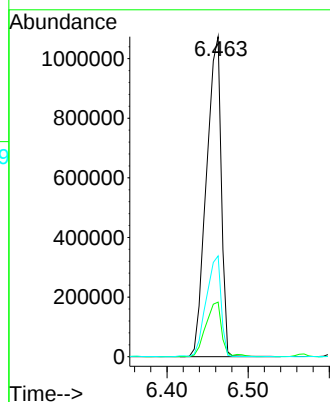
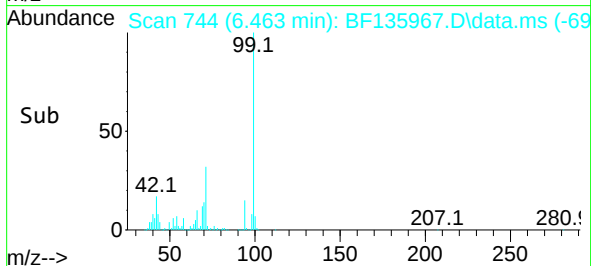
Instrument :
BNA_F
ClientSampleId :
MMFB-4MS



Tgt Ion: 99 Resp: 135375
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.8
71 31.5 25.1 37.7

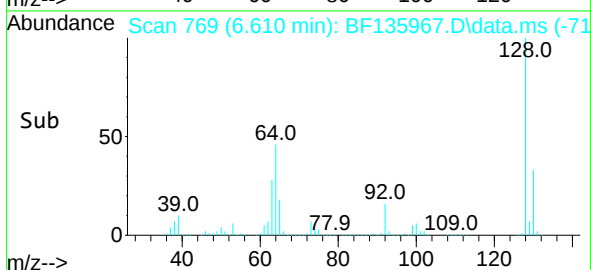
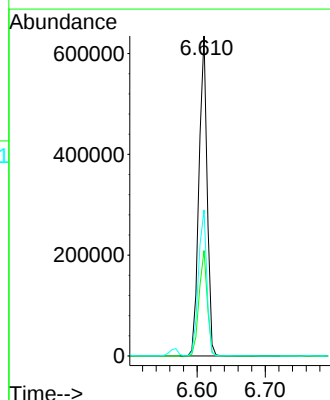
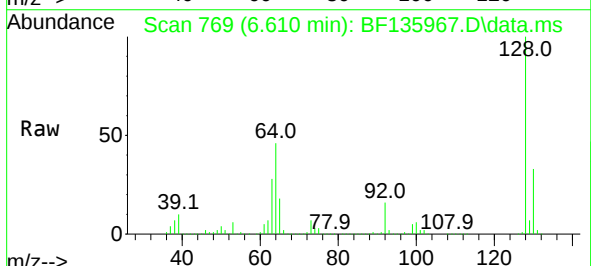
Manual Integrations
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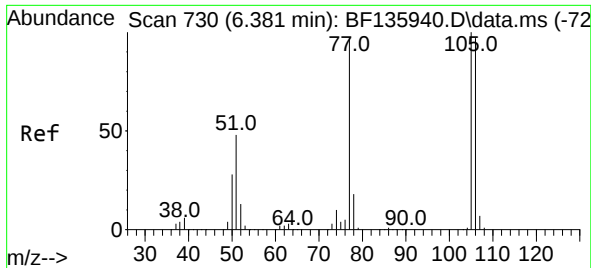
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#8
2-Chlorophenol
Concen: 44.533 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:128 Resp: 527646
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 45.6 27.0 67.0





#9

Benzaldehyde

Concen: 19.795 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

Tgt Ion: 77 Resp: 15258

Ion Ratio Lower Upper

77 100

105 101.2 83.2 123.2

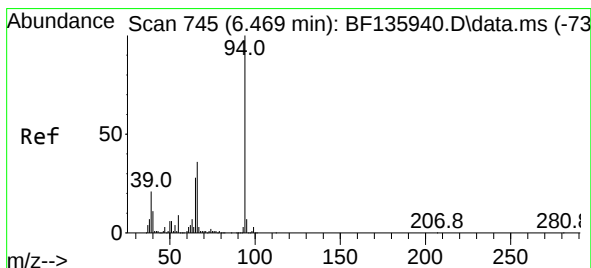
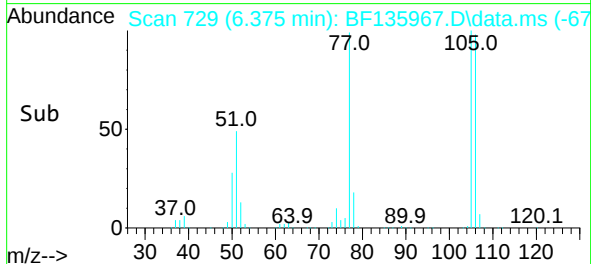
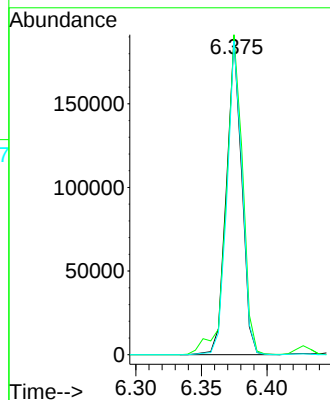
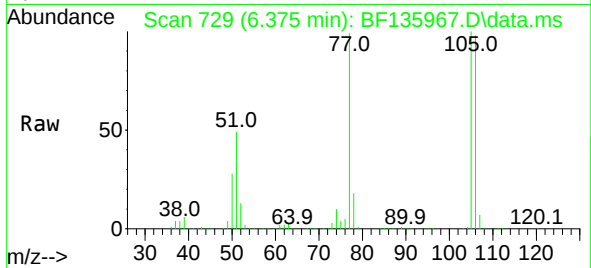
106 99.2 80.0 120.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#10

Phenol

Concen: 43.072 ng m

RT: 6.475 min Scan# 746

Delta R.T. 0.006 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

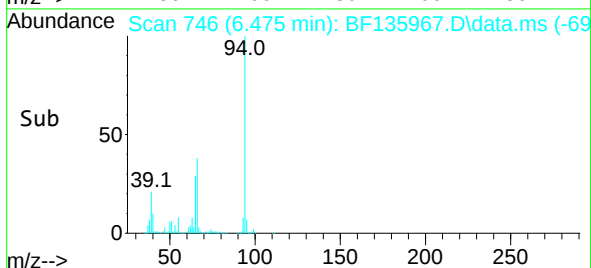
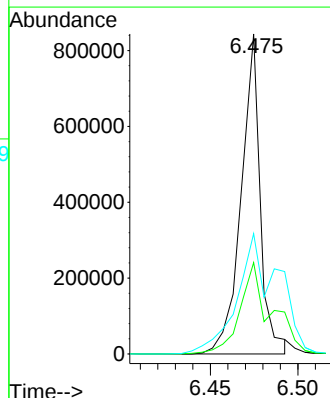
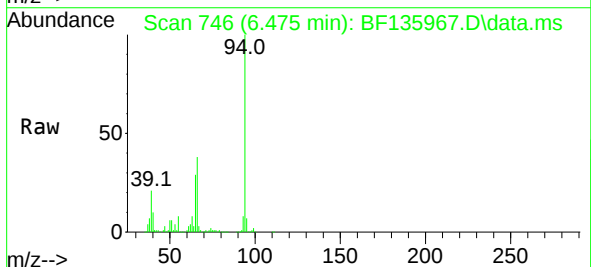
Tgt Ion: 94 Resp: 641613

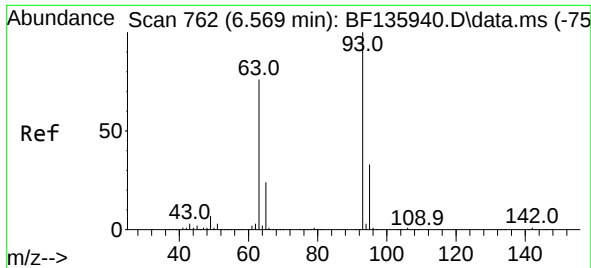
Ion Ratio Lower Upper

94 100

65 28.6 7.8 47.8

66 37.6 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 42.690 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

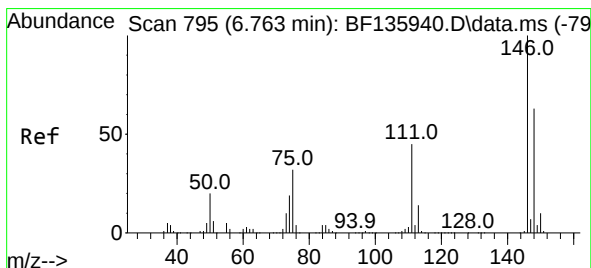
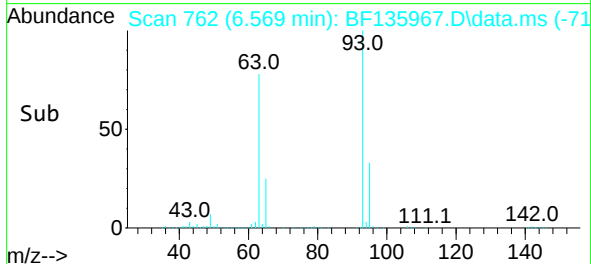
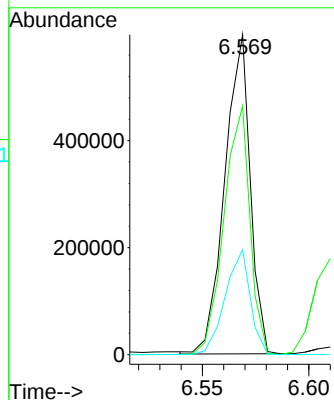
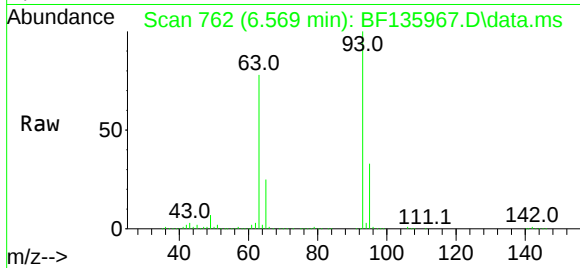
ClientSampleId :

MMFB-4MS

Tgt Ion: 93 Resp: 494988
Ion Ratio Lower Upper
93 100
63 77.8 56.2 96.2
95 32.8 12.9 52.9

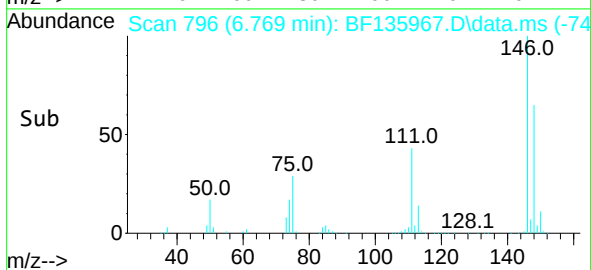
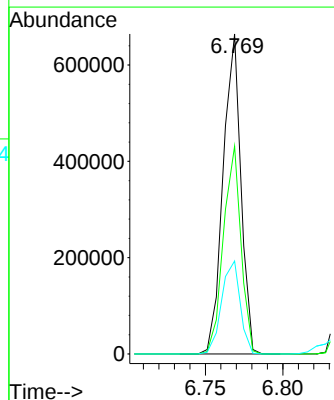
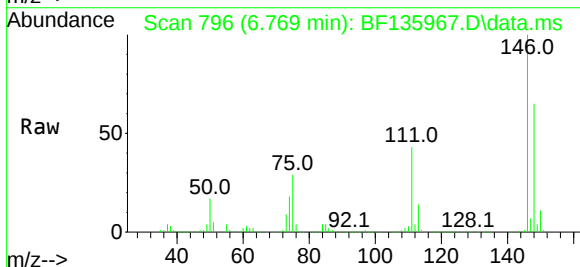
Manual Integrations
APPROVED

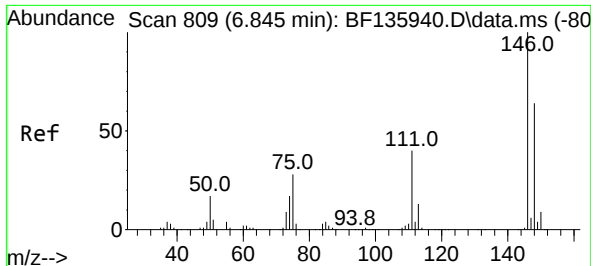
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#12
1,3-Dichlorobenzene
Concen: 42.086 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:146 Resp: 529666
Ion Ratio Lower Upper
146 100
148 64.9 50.2 75.4
75 29.1 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 42.801 ng

RT: 6.845 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

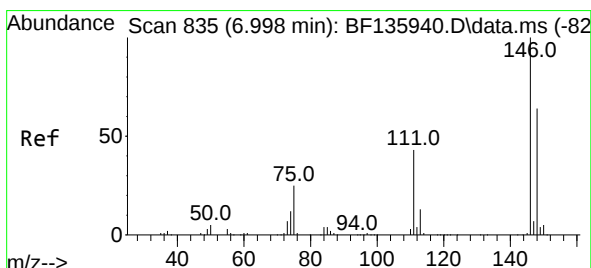
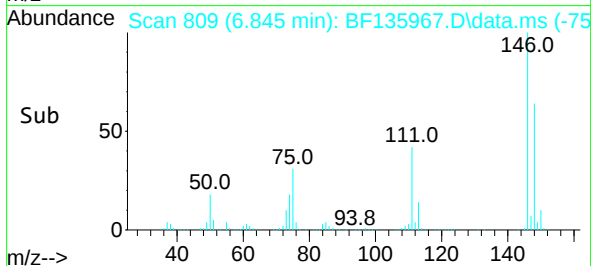
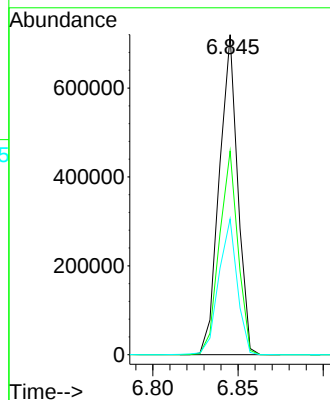
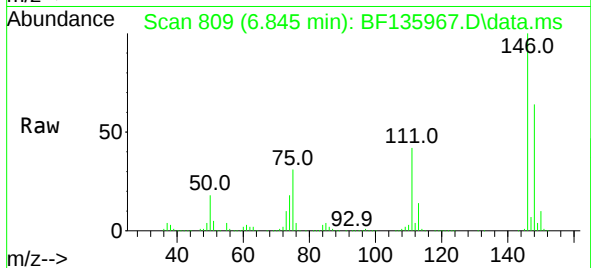
Tgt Ion:146 Resp: 540989
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.2
 111 42.4 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#14

1,2-Dichlorobenzene

Concen: 43.554 ng

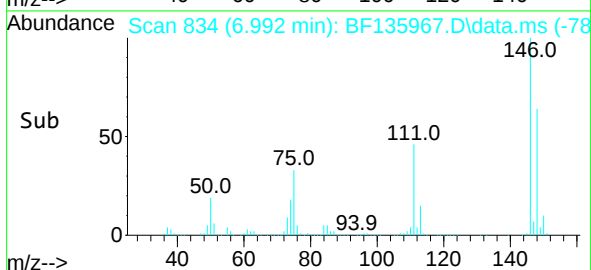
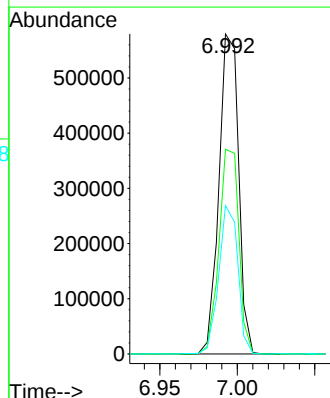
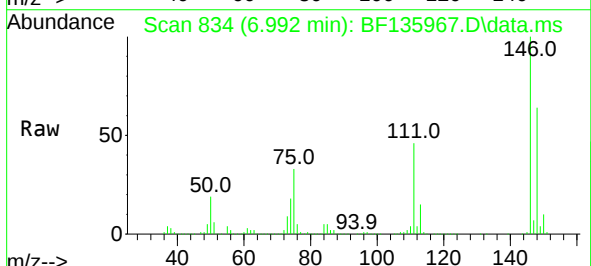
RT: 6.992 min Scan# 834

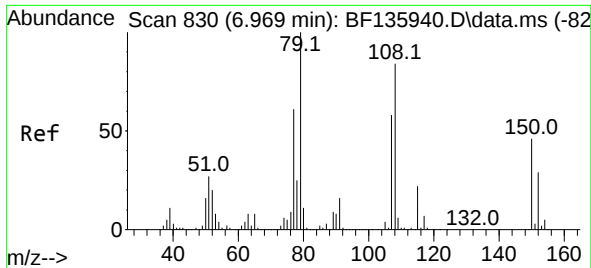
Delta R.T. -0.006 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

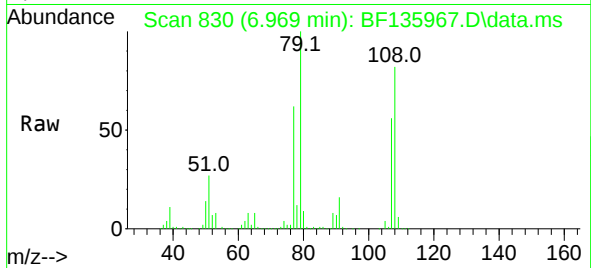
Tgt Ion:146 Resp: 511209
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.0
 111 46.4 34.2 51.4





#15
Benzyl Alcohol
Concen: 42.352 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

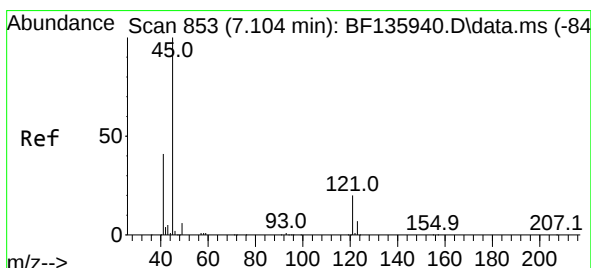
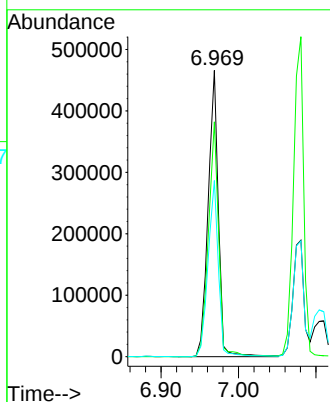
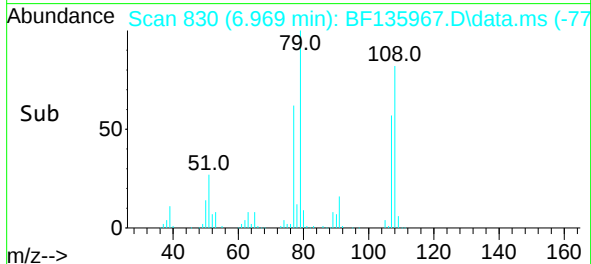
Instrument :
BNA_F
ClientSampleId :
MMFB-4MS



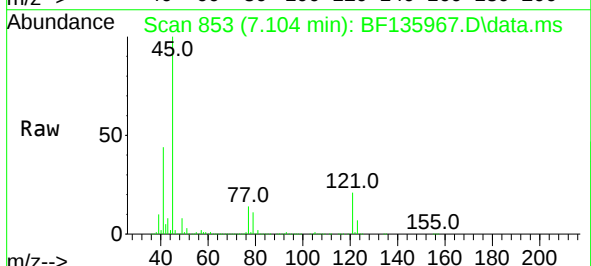
Tgt Ion: 79 Resp: 426600
Ion Ratio Lower Upper
79 100
108 82.1 67.2 100.8
77 61.5 49.0 73.6

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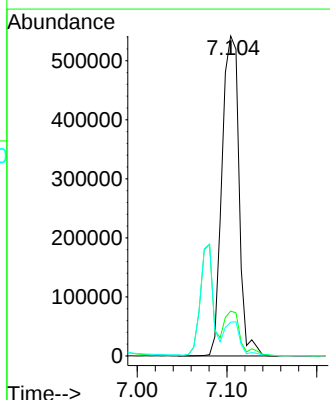
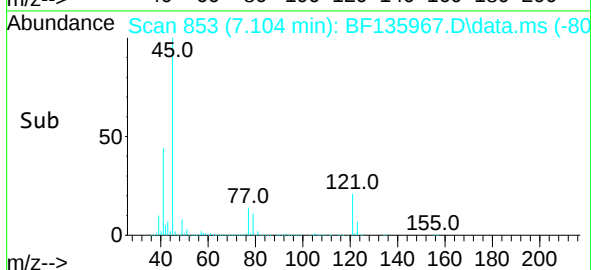
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

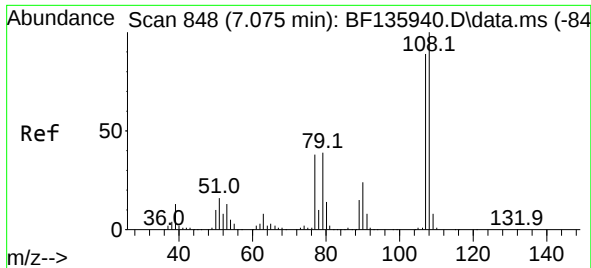


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.697 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



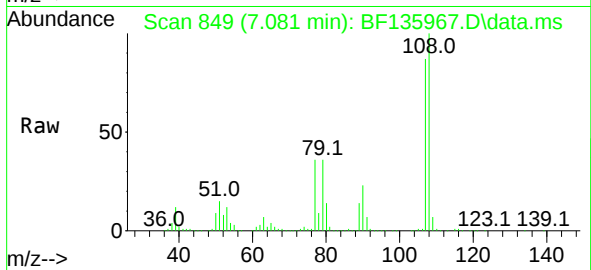
Tgt Ion: 45 Resp: 712000
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.2
79 10.6 0.0 29.8





#17
2-Methylphenol
Concen: 39.239 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

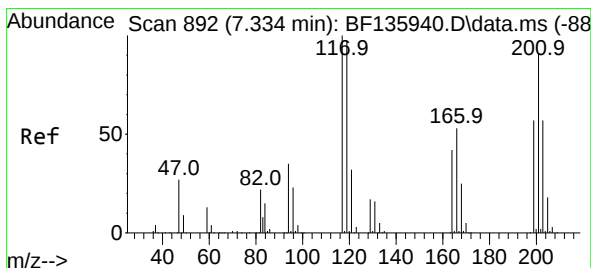
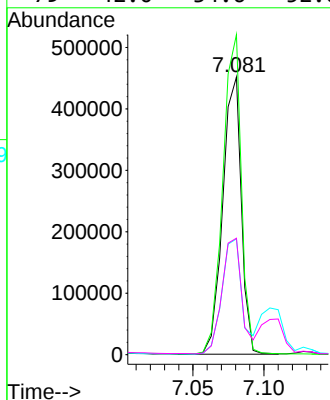
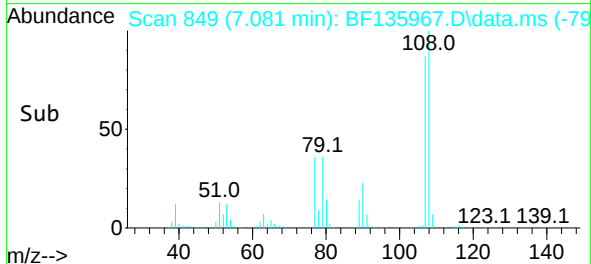
Instrument :
BNA_F
ClientSampleId :
MMFB-4MS



Tgt Ion:107 Resp: 40976
Ion Ratio Lower Upper
107 100
108 115.3 89.8 134.6
77 41.7 34.2 51.2
79 42.0 34.6 52.0

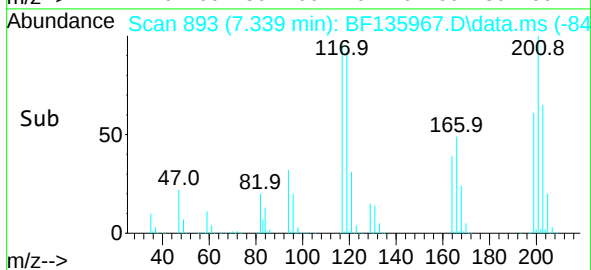
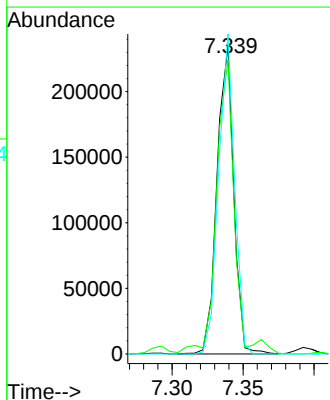
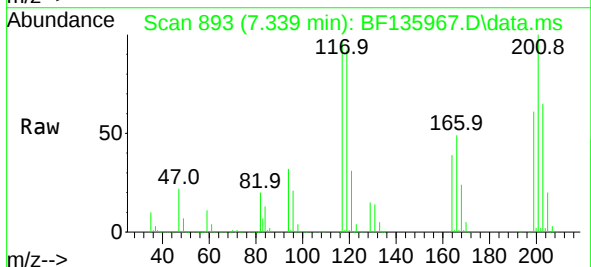
Manual Integrations
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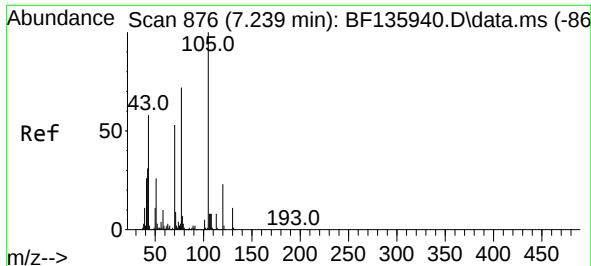
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#18
Hexachloroethane
Concen: 44.793 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:117 Resp: 192517
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
201 103.9 72.8 109.2





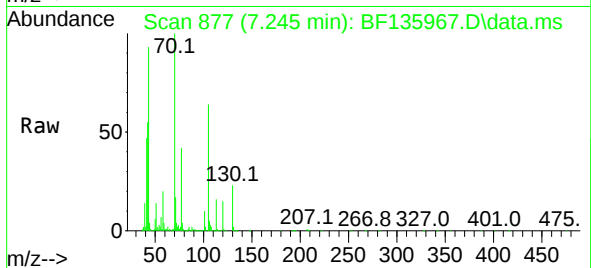
#19
n-Nitroso-di-n-propylamine
Concen: 41.729 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

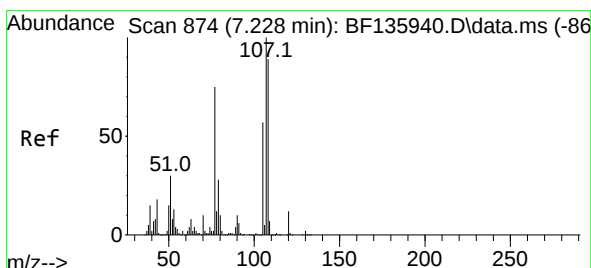
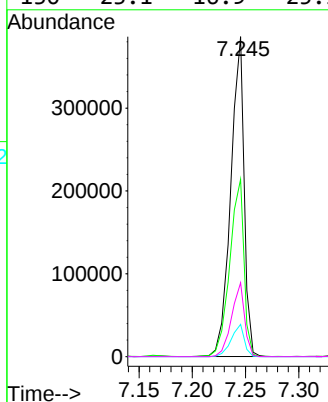
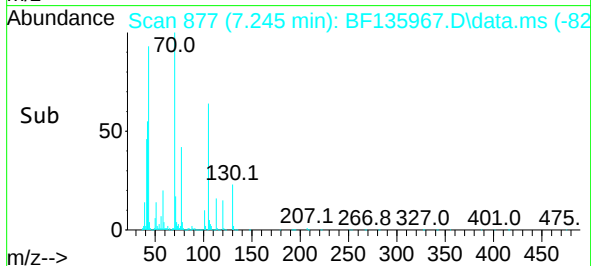


Tgt Ion: 70 Resp: 33812
Ion Ratio Lower Upper
70 100
42 55.5 47.3 70.9
101 10.1 7.8 11.8
130 23.1 16.9 25.3

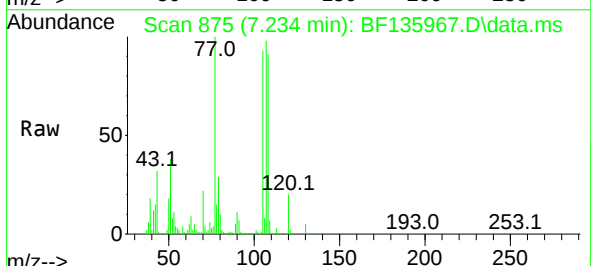
Manual Integrations

APPROVED

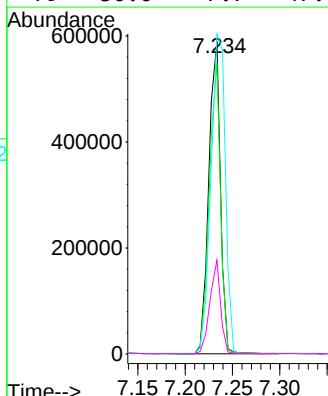
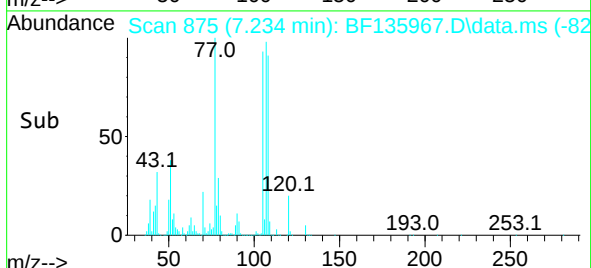
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

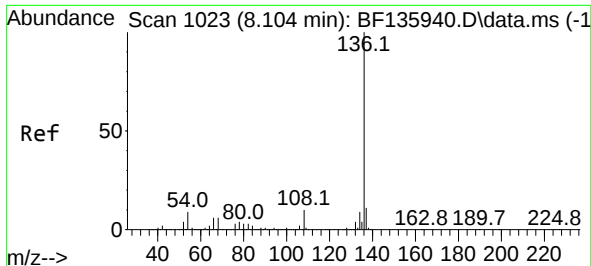


#20
3+4-Methylphenols
Concen: 39.936 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



Tgt Ion:107 Resp: 503340
Ion Ratio Lower Upper
107 100
108 93.1 69.1 109.1
77 102.4 55.0 95.0#
79 30.0 7.7 47.7





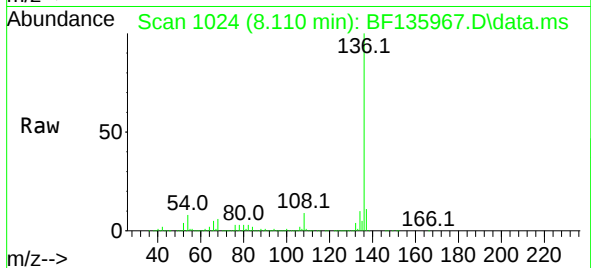
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

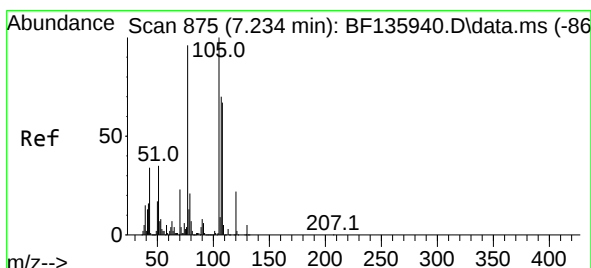
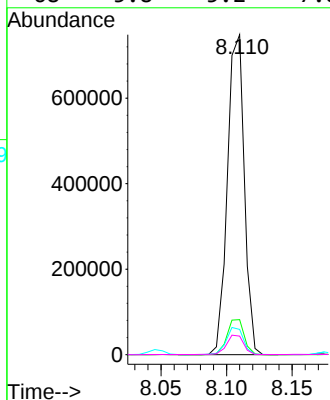
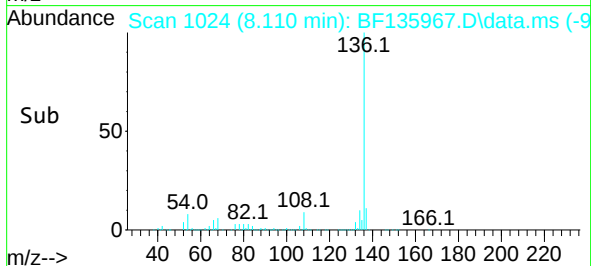


Tgt Ion:136 Resp: 671219
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.9 7.1 10.7
68 5.8 5.2 7.8

Manual Integrations

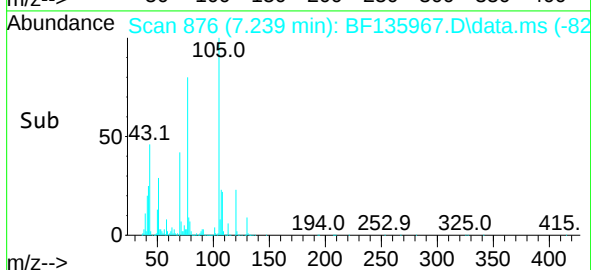
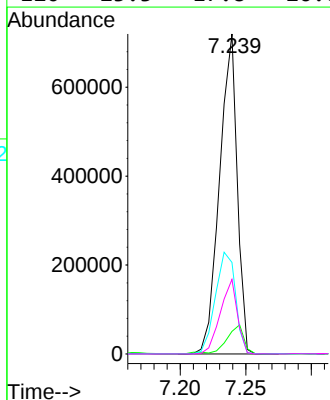
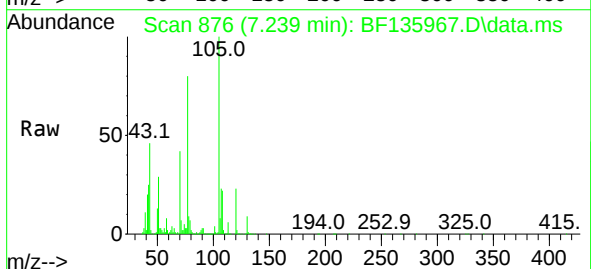
APPROVED

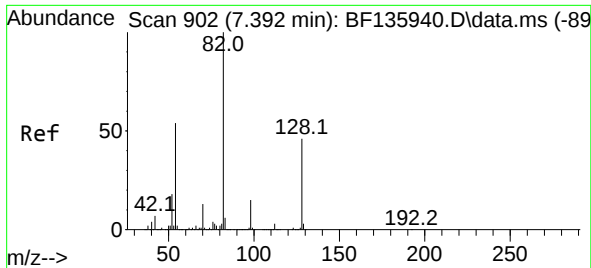
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#22
Acetophenone
Concen: 44.431 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:105 Resp: 673572
Ion Ratio Lower Upper
105 100
71 7.1 3.4 5.2#
51 28.6 28.4 42.6
120 23.3 17.8 26.6





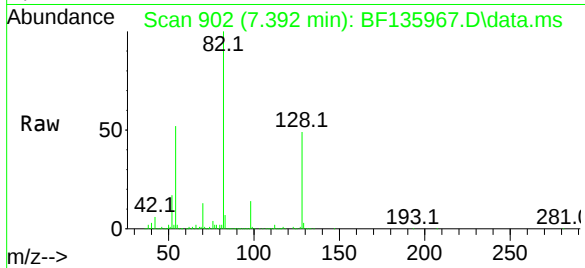
#23
Nitrobenzene-d5
Concen: 75.672 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

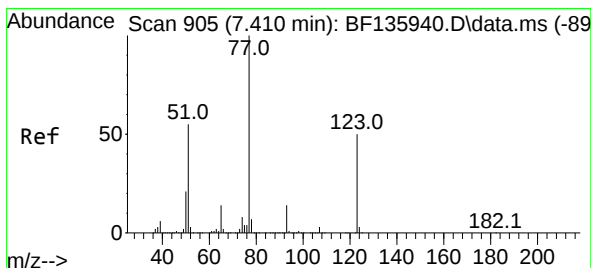
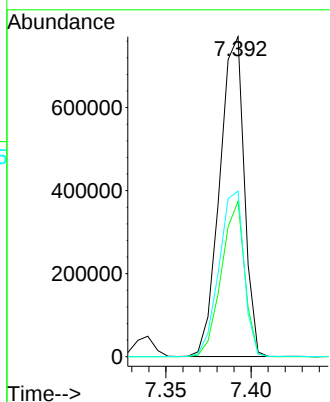
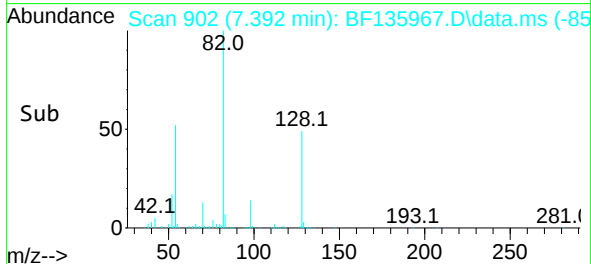


Tgt Ion: 82 Resp: 773929
Ion Ratio Lower Upper
82 100
128 48.6 36.8 55.2
54 51.7 43.4 65.0

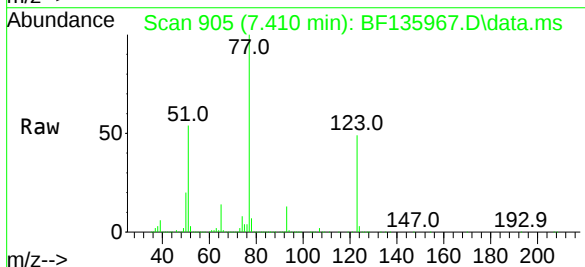
Manual Integrations

APPROVED

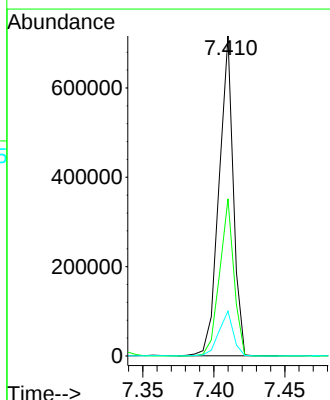
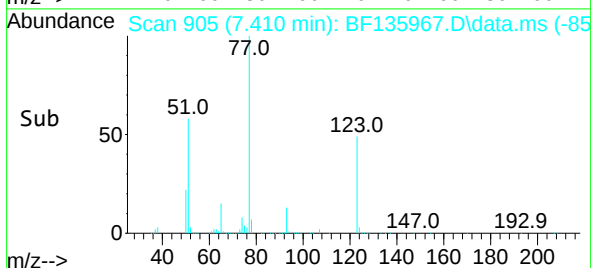
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

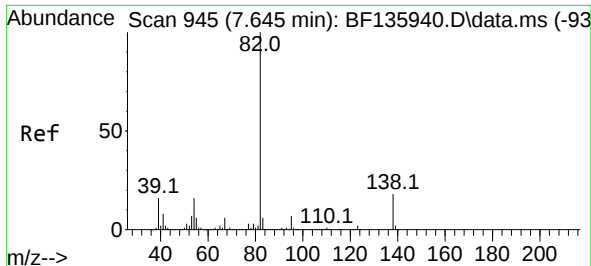


#24
Nitrobenzene
Concen: 45.227 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



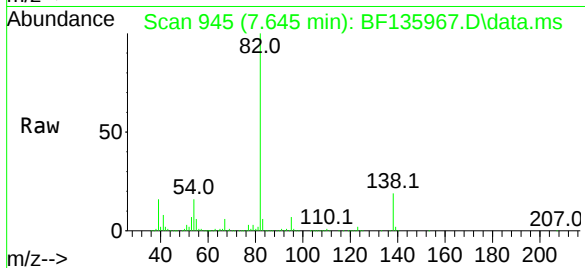
Tgt Ion: 77 Resp: 500975
Ion Ratio Lower Upper
77 100
123 49.1 40.2 60.2
65 14.0 11.0 16.4





#25
Isophorone
Concen: 44.855 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

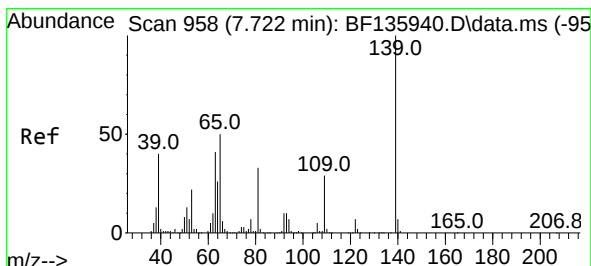
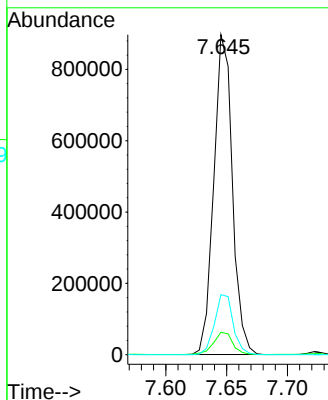
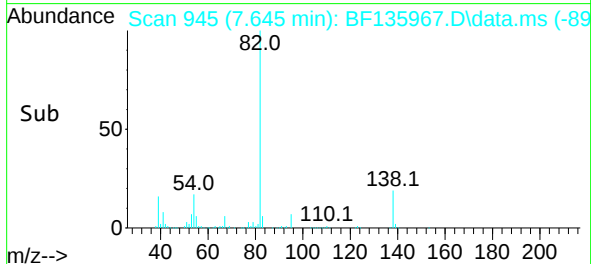
Instrument :
BNA_F
Client Sample Id :
MMFB-4MS



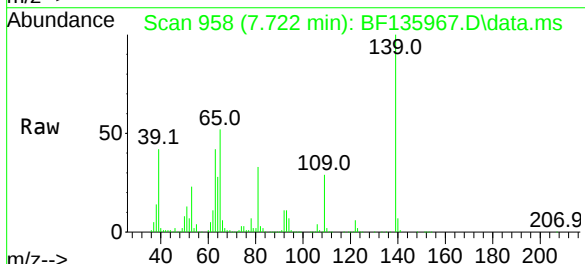
Tgt Ion: 82 Resp: 95166
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.7 14.8 22.2

Manual Integrations
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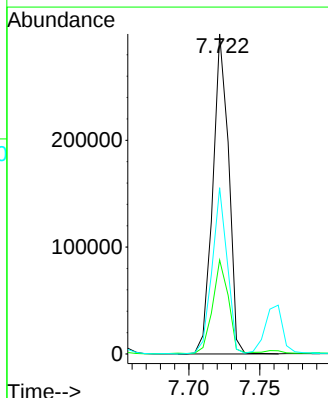
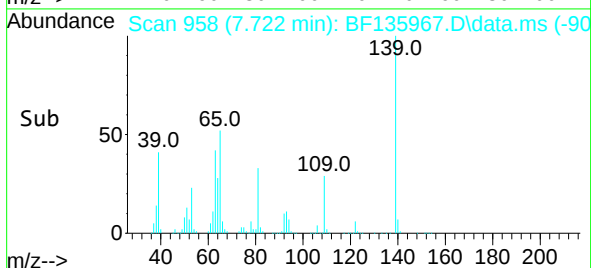
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

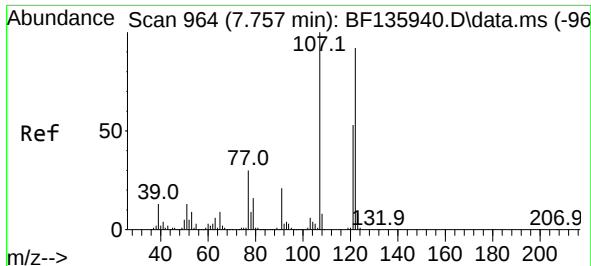


#26
2-Nitrophenol
Concen: 55.412 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



Tgt Ion:139 Resp: 231533
Ion Ratio Lower Upper
139 100
109 29.4 23.1 34.7
65 51.9 39.8 59.8





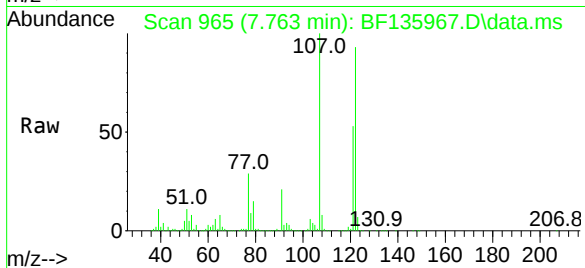
#27
2,4-Dimethylphenol
Concen: 41.422 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

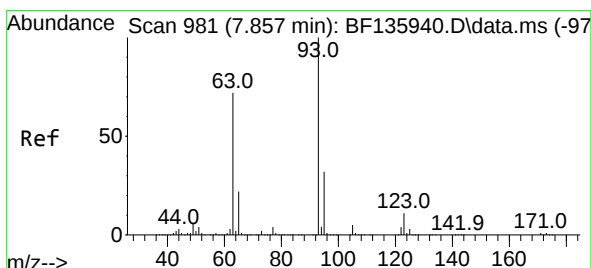
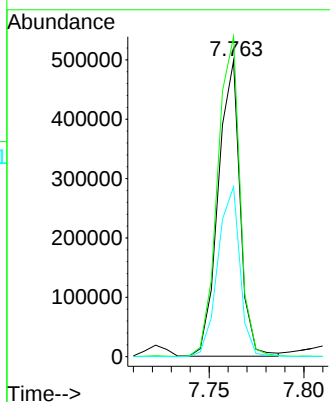
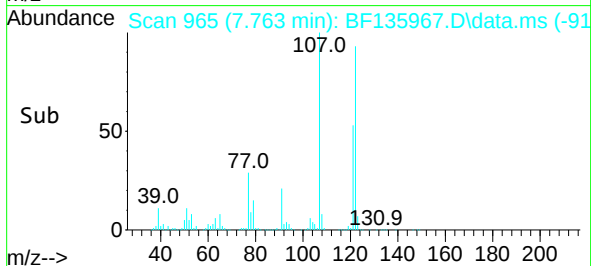


Tgt Ion:122 Resp: 400540
Ion Ratio Lower Upper
122 100
107 108.1 87.1 130.7
121 57.4 45.9 68.9

Manual Integrations

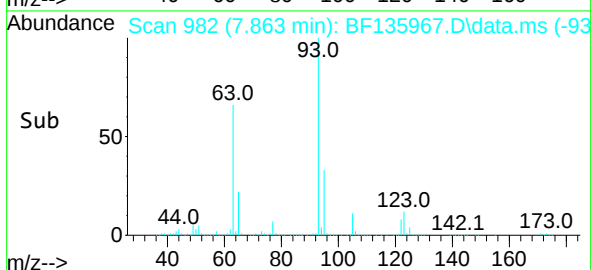
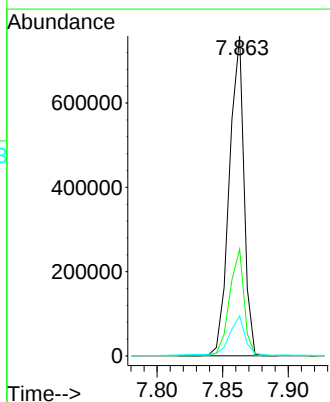
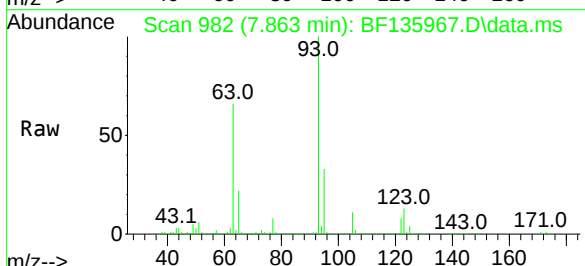
APPROVED

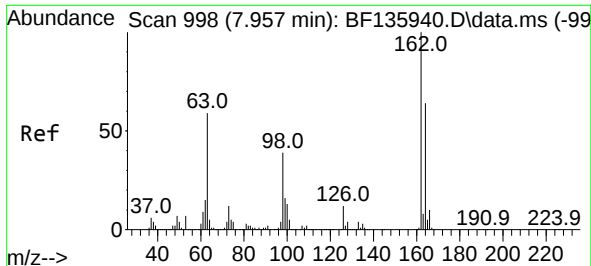
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.221 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion: 93 Resp: 589166
Ion Ratio Lower Upper
93 100
95 33.3 25.9 38.9
123 12.5 9.0 13.6





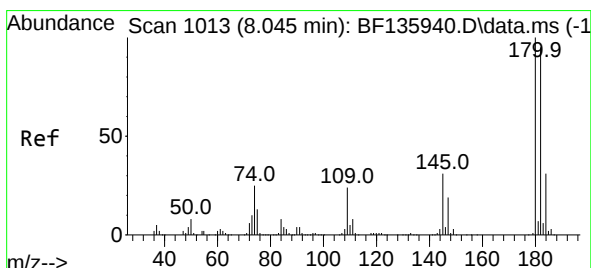
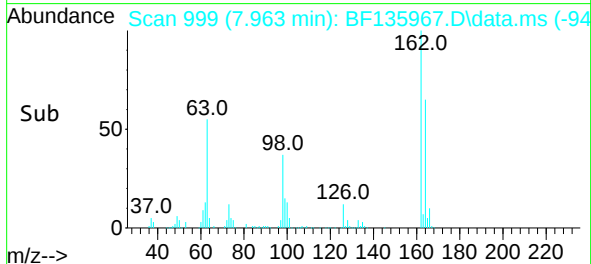
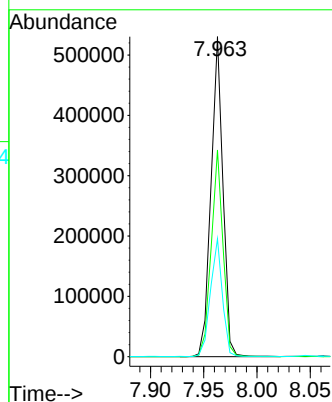
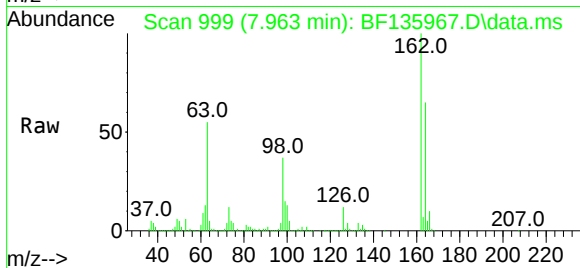
#29
2,4-Dichlorophenol
Concen: 47.934 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :
BNA_F
ClientSampleId :
MMFB-4MS

Tgt Ion:162 Resp: 41506
Ion Ratio Lower Upper
162 100
164 64.6 43.7 83.7
98 36.9 18.8 58.8

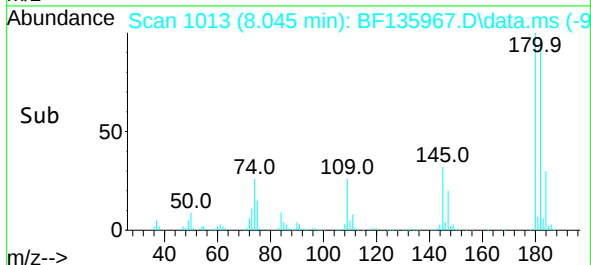
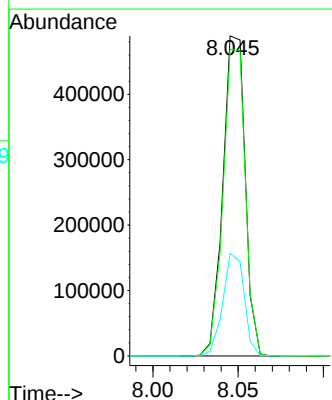
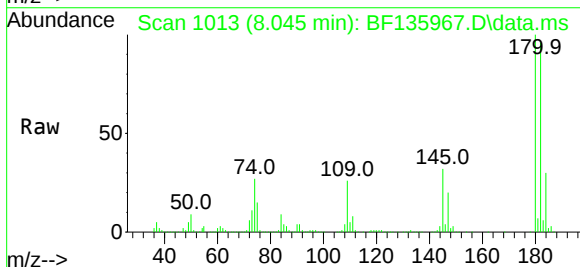
Manual Integrations
APPROVED

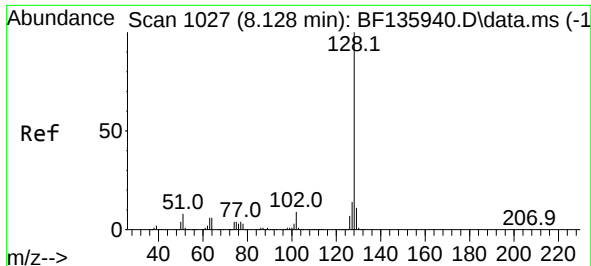
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.385 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:180 Resp: 444955
Ion Ratio Lower Upper
180 100
182 95.9 76.0 114.0
145 32.1 24.6 36.8





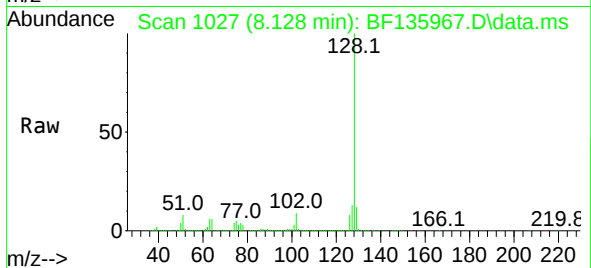
#31
Naphthalene
Concen: 45.083 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS



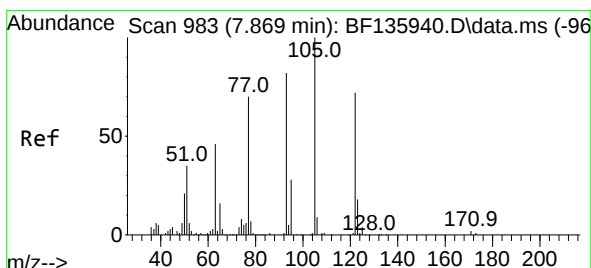
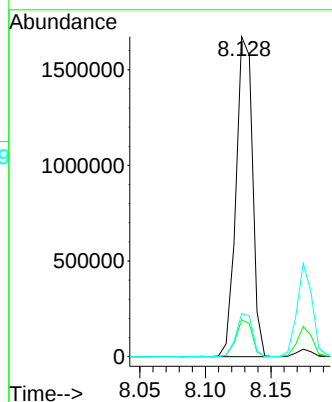
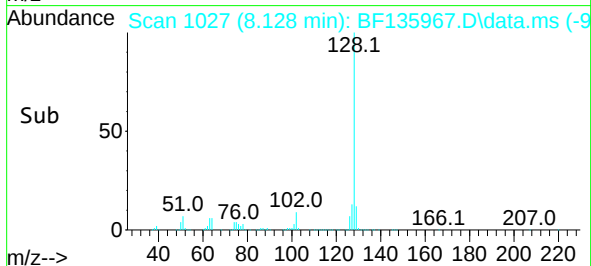
Tgt Ion:128 Resp: 1463019
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.4 10.9 16.3

Manual Integrations

APPROVED

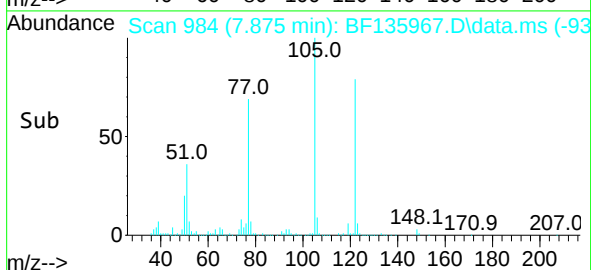
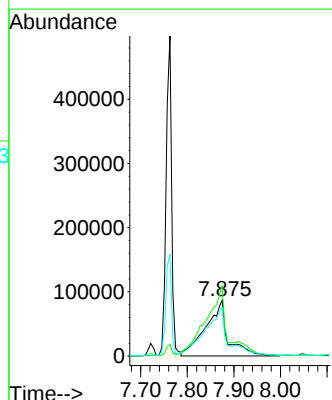
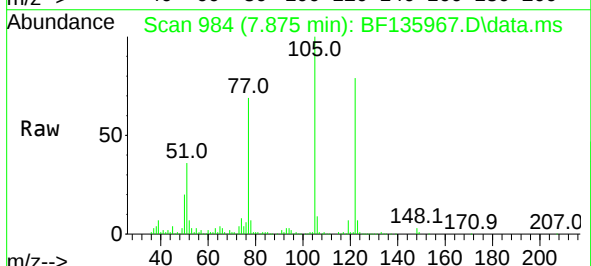
Reviewed By :Yogesh Patel 10/27/2023

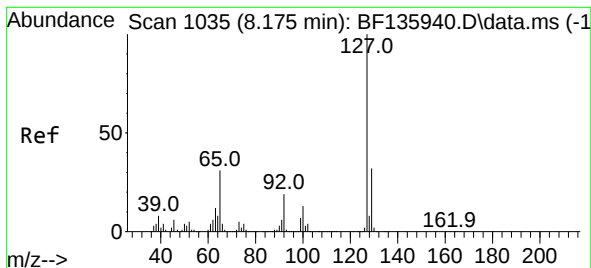
Supervised By :mohammad ahmed 10/27/2023



#32
Benzoic acid
Concen: 56.236 ng m
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:122 Resp: 288775
Ion Ratio Lower Upper
122 100
105 126.2 113.1 153.1
77 87.4 75.2 115.2





#33

4-Chloroaniline

Concen: 27.770 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

Tgt Ion:127 Resp: 398314

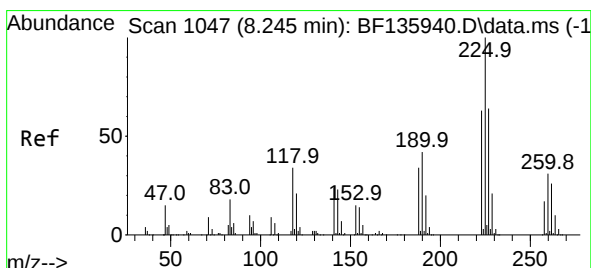
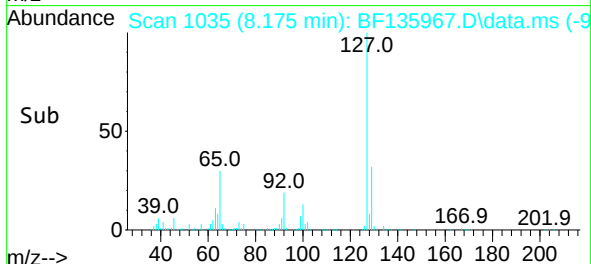
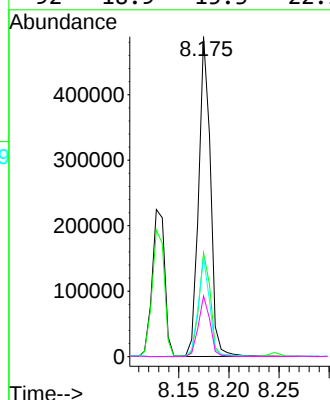
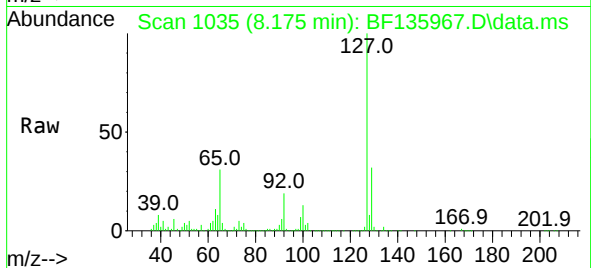
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	31.0	24.8	37.2
92	18.9	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#34

Hexachlorobutadiene

Concen: 46.152 ng

RT: 8.245 min Scan# 1047

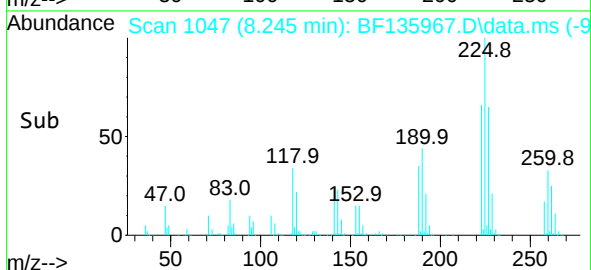
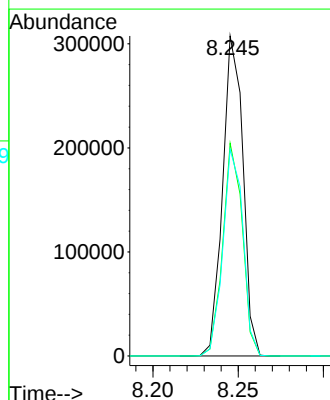
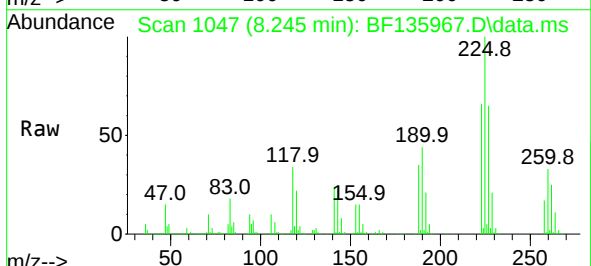
Delta R.T. -0.000 min

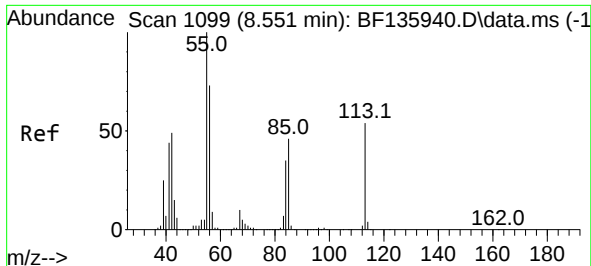
Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

Tgt Ion:225 Resp: 255038

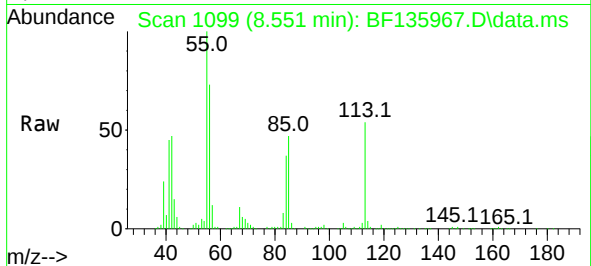
Ion	Ratio	Lower	Upper
225	100		
223	66.4	50.6	75.8
227	64.5	50.9	76.3





#35
Caprolactam
Concen: 48.437 ng m
RT: 8.551 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

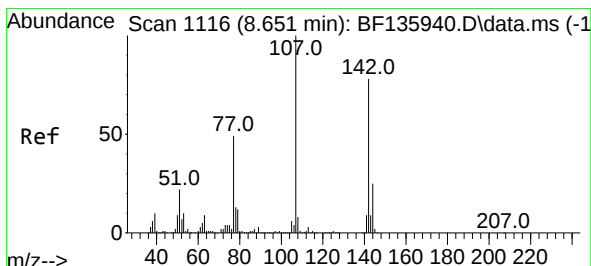
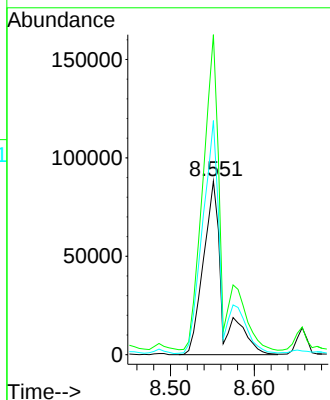
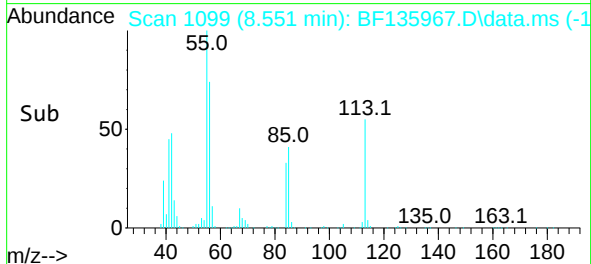
Instrument :
BNA_F
ClientSampleId :
MMFB-4MS



Tgt Ion:113 Resp: 139572
Ion Ratio Lower Upper
113 100
55 184.4 165.4 205.4
56 134.9 115.2 155.2

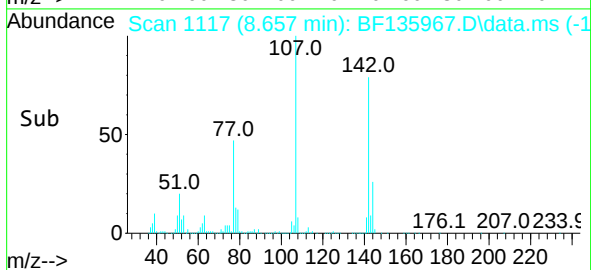
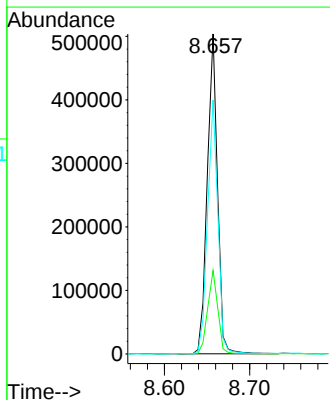
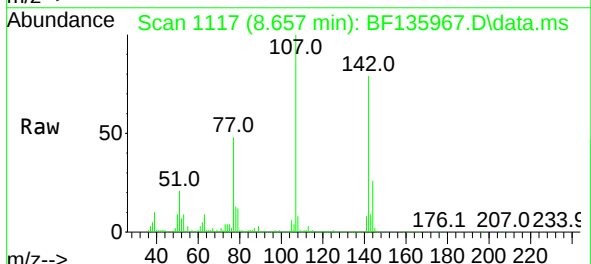
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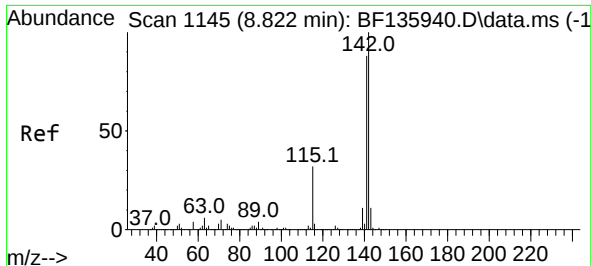
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#36
4-Chloro-3-methylphenol
Concen: 45.739 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:107 Resp: 420888
Ion Ratio Lower Upper
107 100
144 26.1 19.9 29.9
142 79.3 62.8 94.2





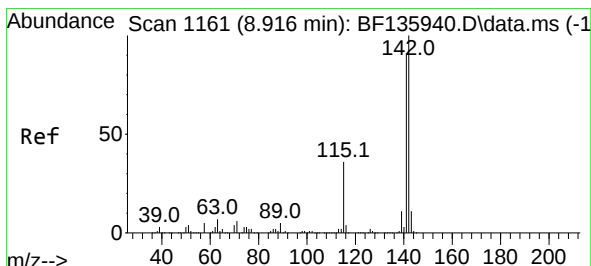
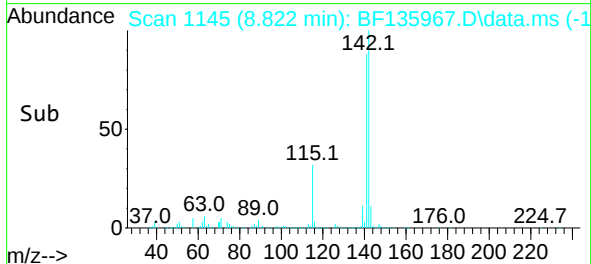
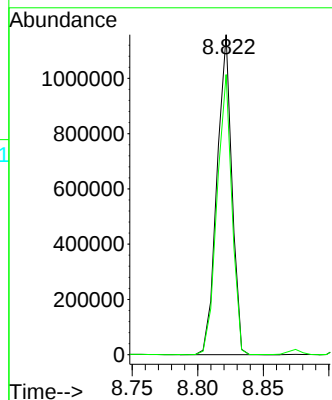
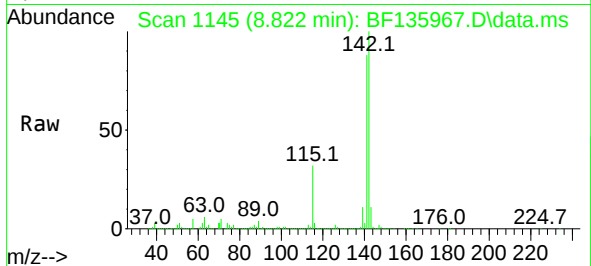
#37
2-Methylnaphthalene
Concen: 42.583 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :
BNA_F
ClientSampleId :
MMFB-4MS

Tgt Ion:142 Resp: 914304
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6

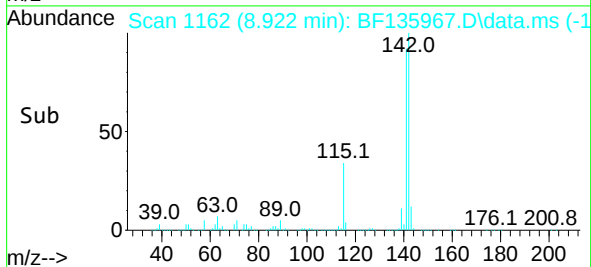
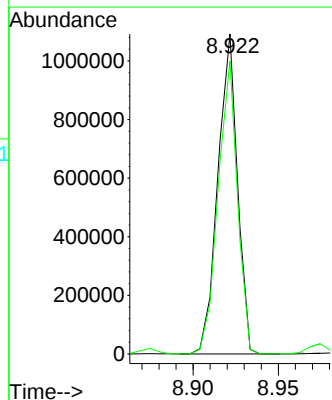
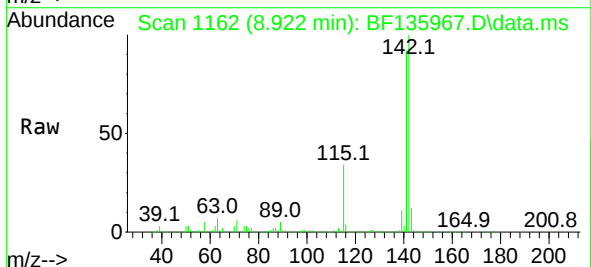
Manual Integrations
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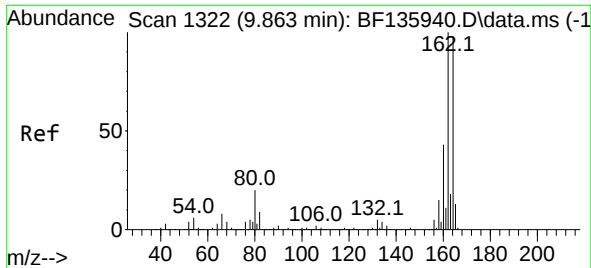
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#38
1-Methylnaphthalene
Concen: 43.503 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:142 Resp: 872788
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7





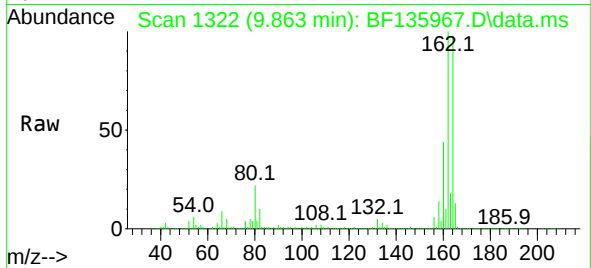
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

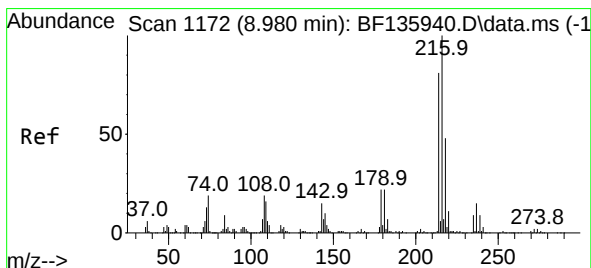
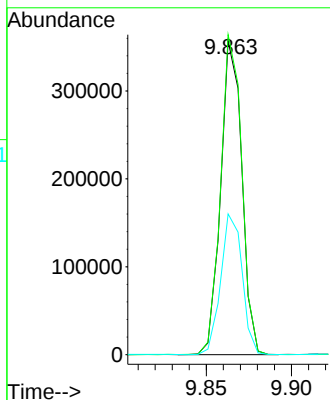
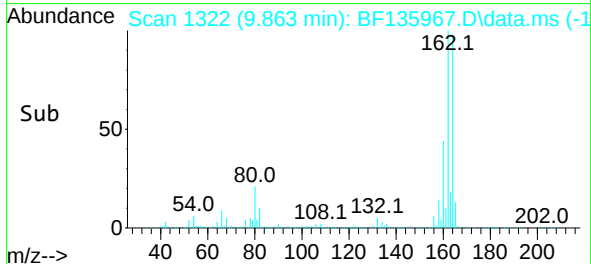
MMFB-4MS



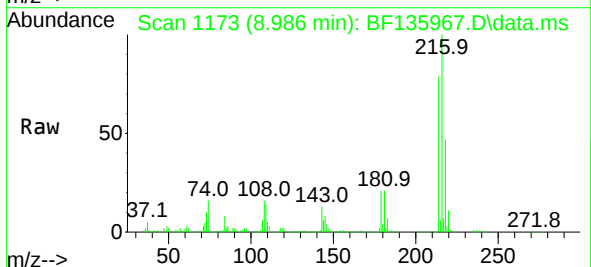
Tgt Ion:164 Resp: 308909
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 44.9 35.6 53.4

Manual Integrations
APPROVED

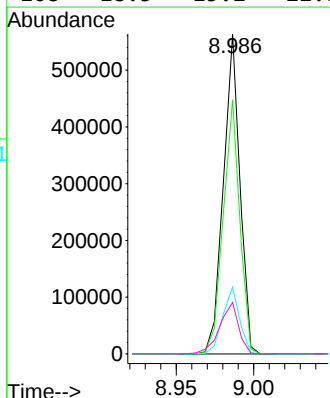
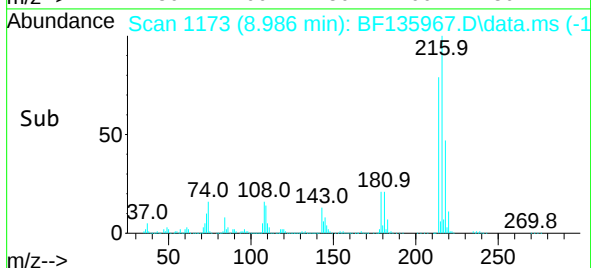
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

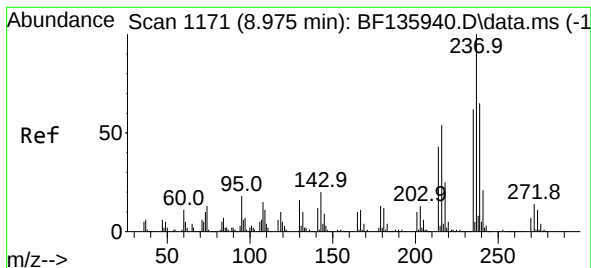


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.908 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



Tgt Ion:216 Resp: 417985
Ion Ratio Lower Upper
216 100
214 79.4 63.3 94.9
179 21.4 17.3 25.9
108 18.5 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 51.154 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

Tgt Ion:237 Resp: 220068

Ion Ratio Lower Upper

237 100

235 61.2 41.7 81.7

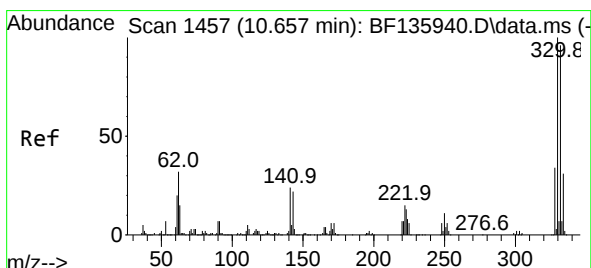
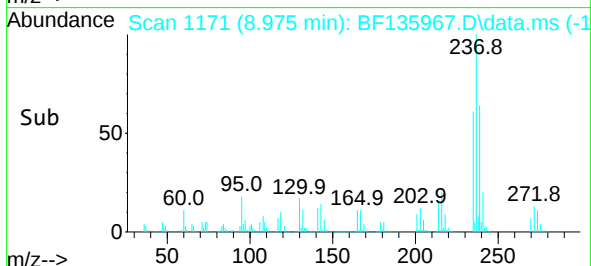
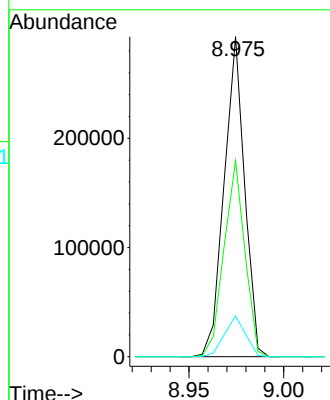
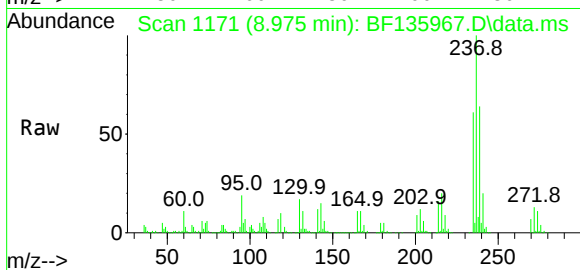
272 12.8 0.0 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#42

2,4,6-Tribromophenol

Concen: 105.178 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.000 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

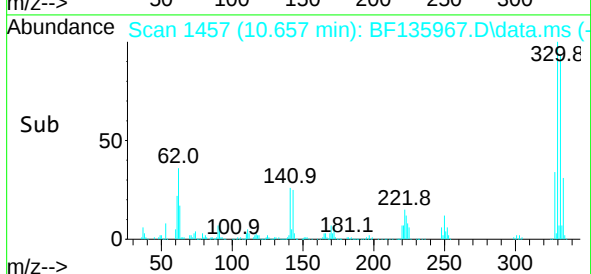
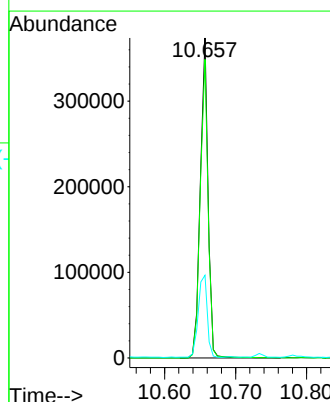
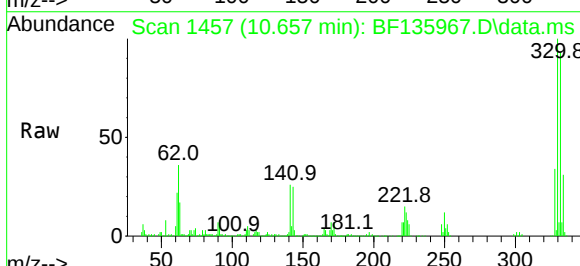
Tgt Ion:330 Resp: 284387

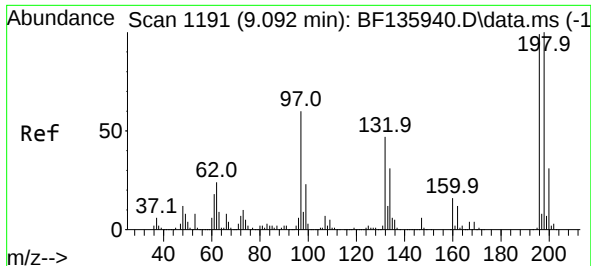
Ion Ratio Lower Upper

330 100

332 95.0 77.4 116.2

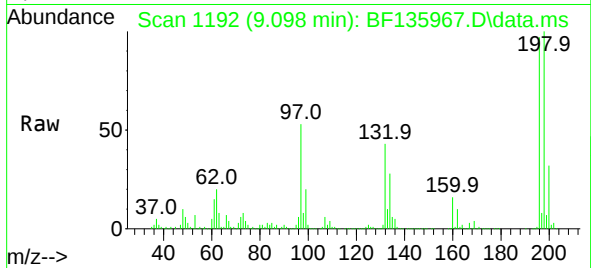
141 29.7 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 53.103 ng
RT: 9.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

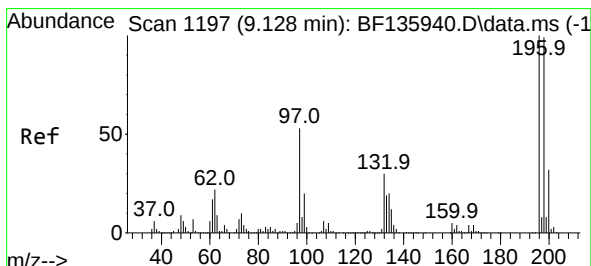
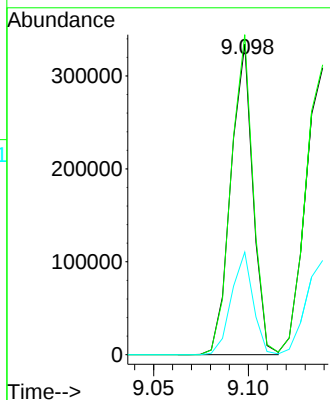
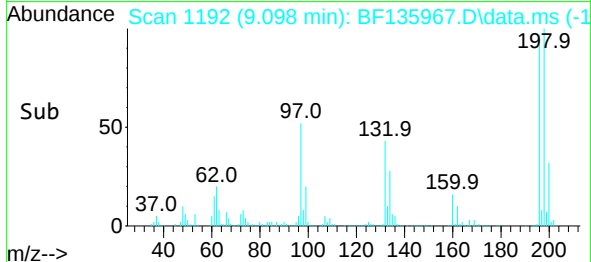
Instrument :
BNA_F
ClientSampleId :
MMFB-4MS



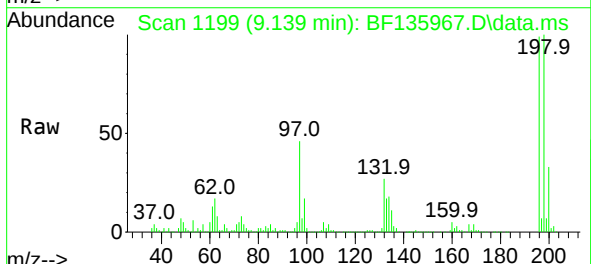
Tgt Ion:196 Resp: 27117
Ion Ratio Lower Upper
196 100
198 103.1 81.0 121.4
200 33.0 25.4 38.0

Manual Integrations
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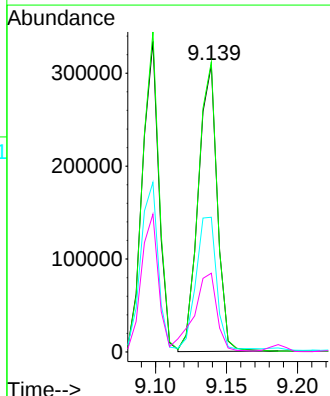
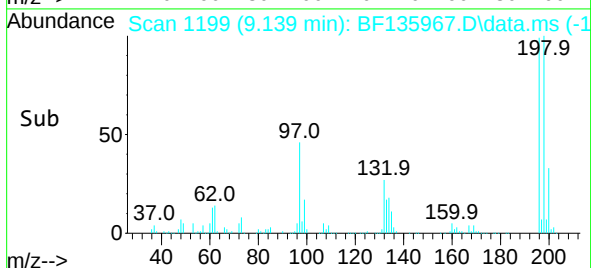
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

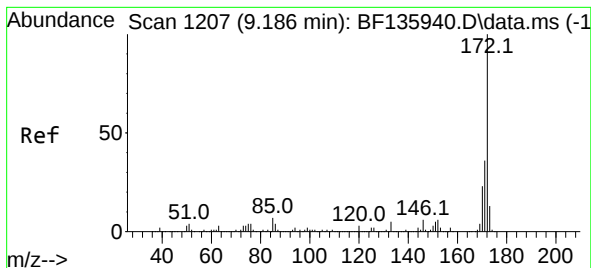


#44
2,4,5-Trichlorophenol
Concen: 47.621 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



Tgt Ion:196 Resp: 288729
Ion Ratio Lower Upper
196 100
198 101.1 79.1 118.7
97 47.0 42.3 63.5
132 27.4 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 73.358 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

Tgt Ion:172 Resp: 141521

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

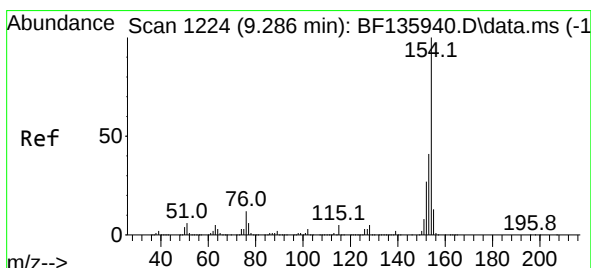
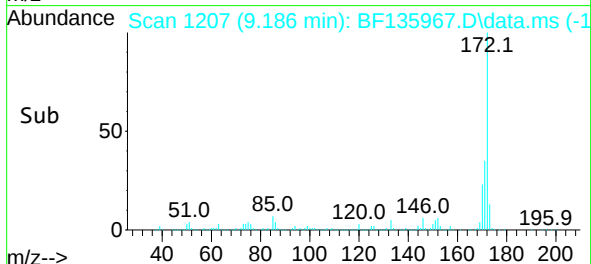
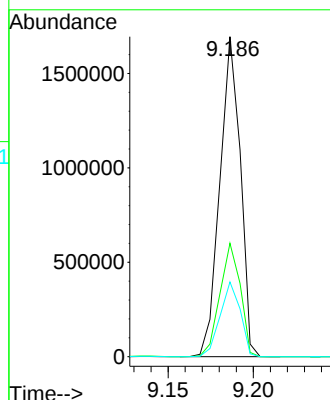
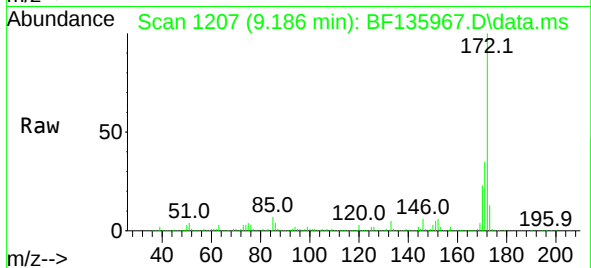
170 23.3 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#46

1,1'-Biphenyl

Concen: 48.026 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.000 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

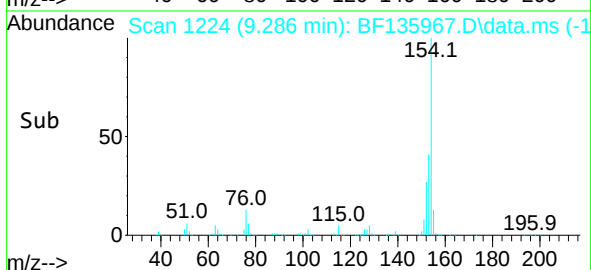
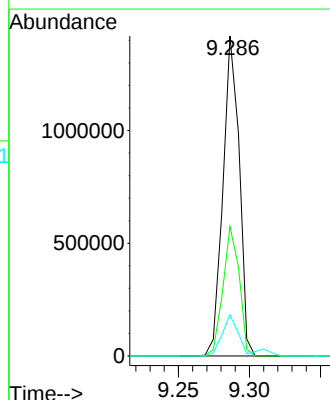
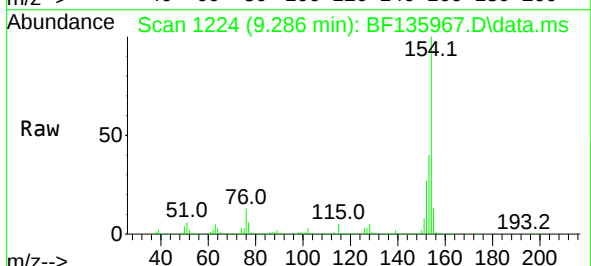
Tgt Ion:154 Resp: 1124134

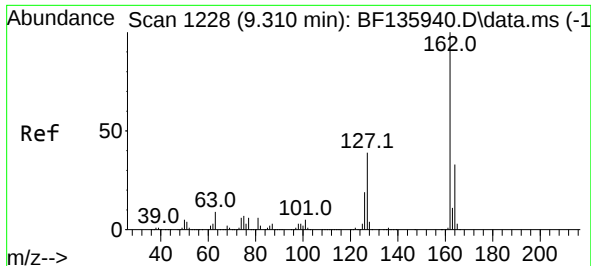
Ion Ratio Lower Upper

154 100

153 40.5 20.7 60.7

76 12.9 0.0 32.4





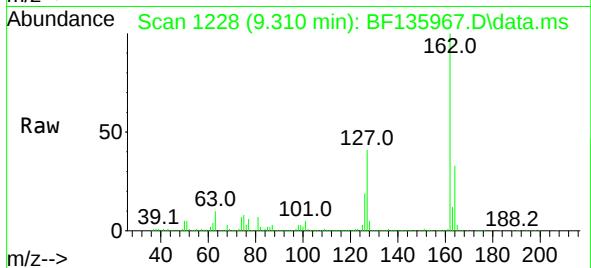
#47
2-Chloronaphthalene
Concen: 47.674 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

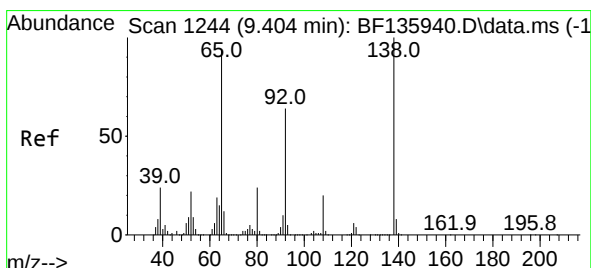
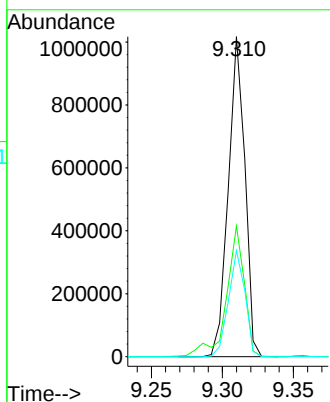
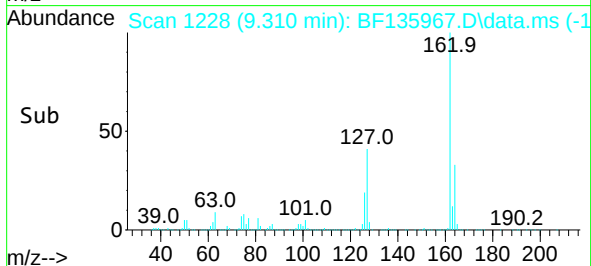


Tgt Ion:162 Resp: 825400
Ion Ratio Lower Upper
162 100
127 40.9 31.0 46.4
164 33.1 26.6 39.8

Manual Integrations

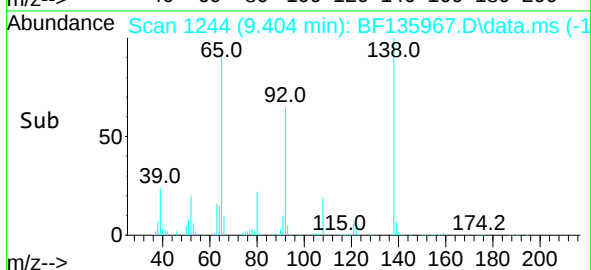
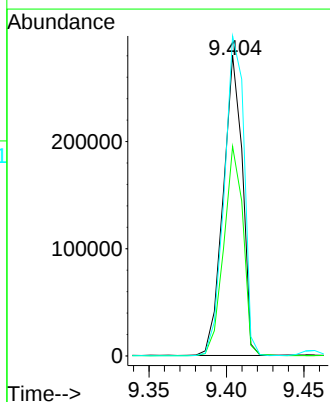
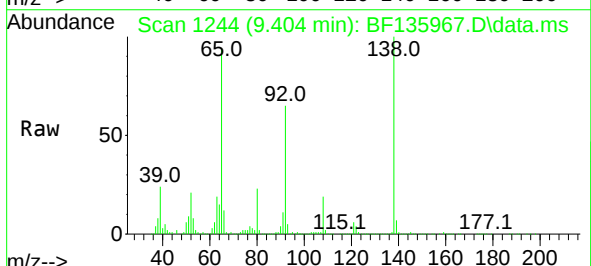
APPROVED

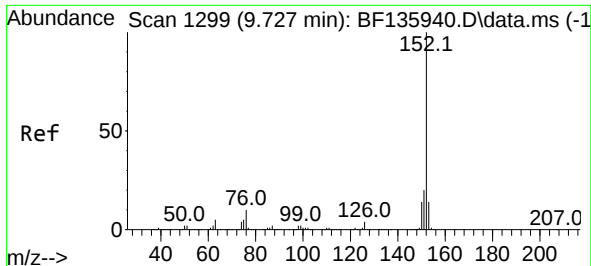
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#48
2-Nitroaniline
Concen: 50.458 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion: 65 Resp: 241389
Ion Ratio Lower Upper
65 100
92 69.6 54.9 82.3
138 106.4 85.2 127.8





#49

Acenaphthylene

Concen: 46.670 ng

RT: 9.727 min Scan# 1299

Delta R.T. -0.000 min

Lab File: BF135967.D

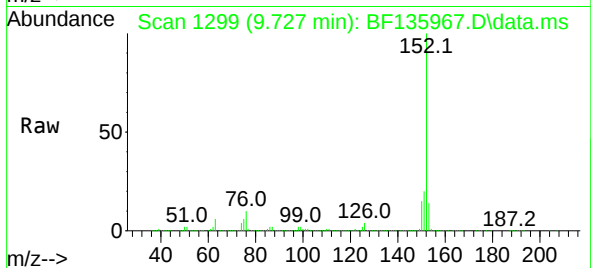
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS



Tgt Ion:152 Resp: 1274724

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

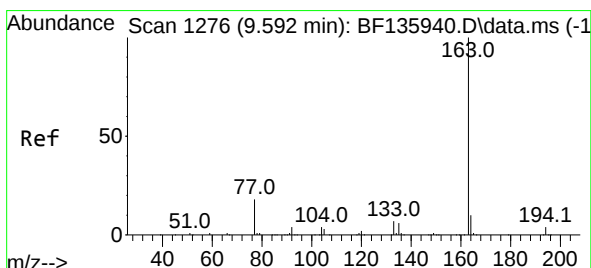
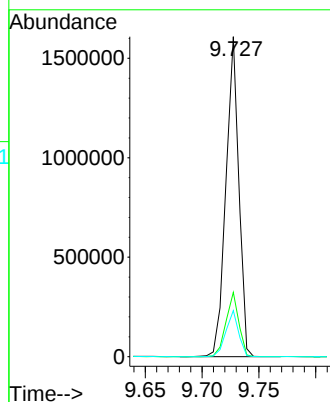
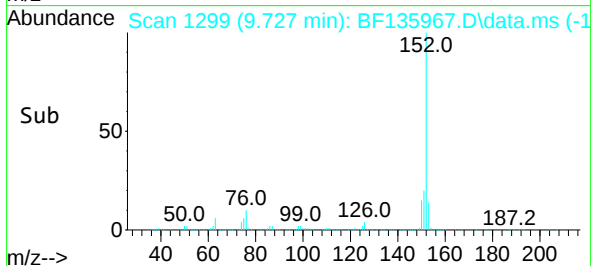
153 14.4 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#50

Dimethylphthalate

Concen: 47.704 ng

RT: 9.592 min Scan# 1276

Delta R.T. -0.000 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

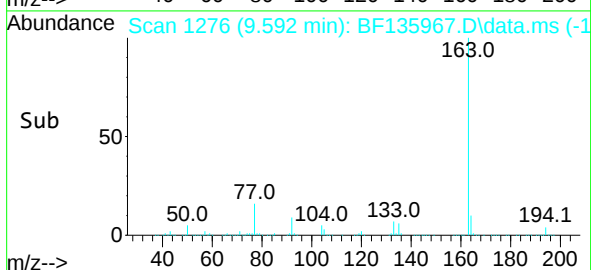
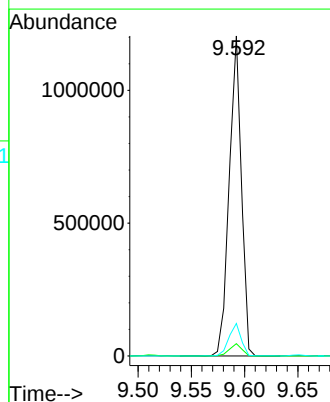
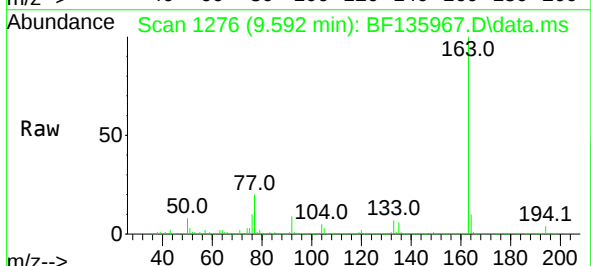
Tgt Ion:163 Resp: 955631

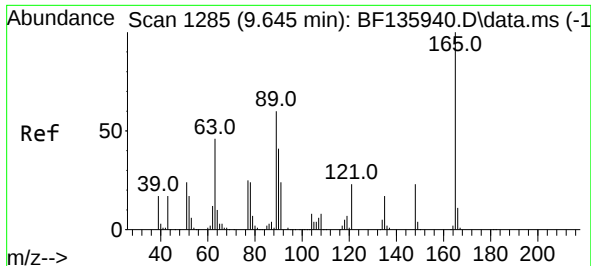
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

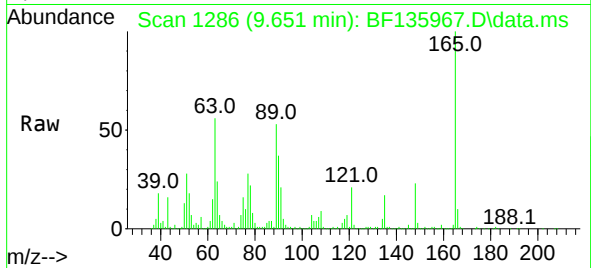
164 10.1 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 48.163 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

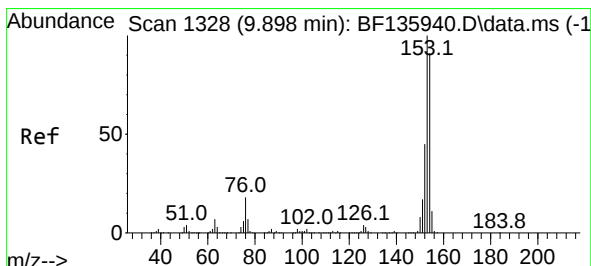
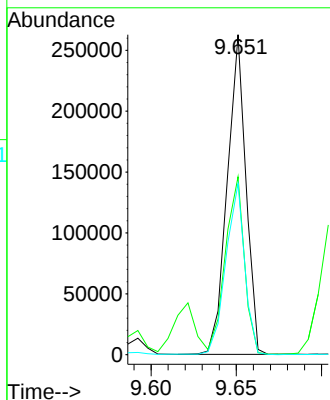
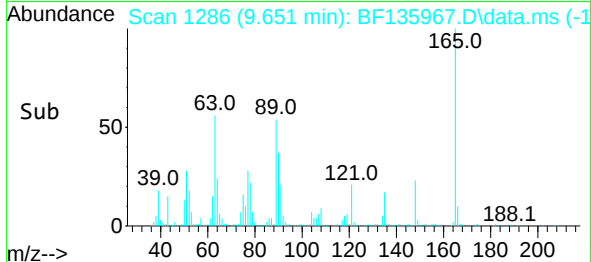
Instrument :
BNA_F
ClientSampleId :
MMFB-4MS



Tgt Ion:165 Resp: 20010
Ion Ratio Lower Upper
165 100
63 55.6 51.7 77.5
89 53.5 48.3 72.5

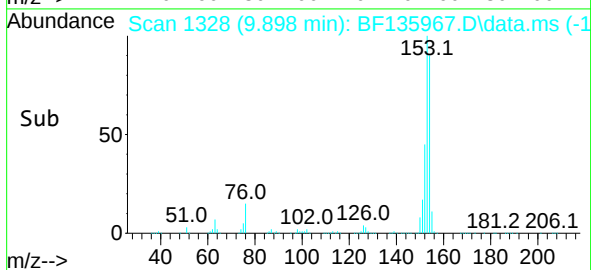
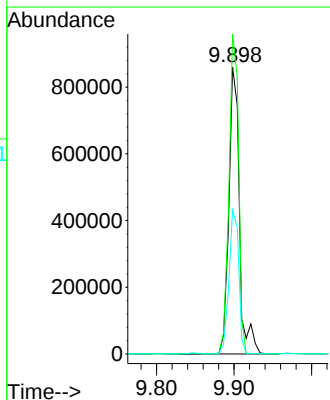
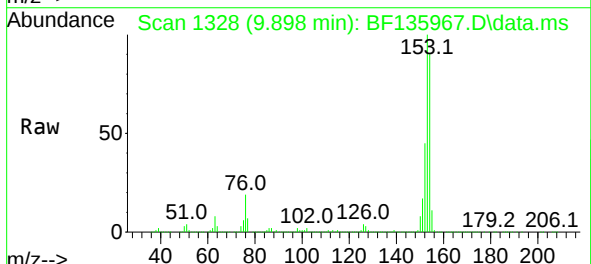
Manual Integrations
APPROVED

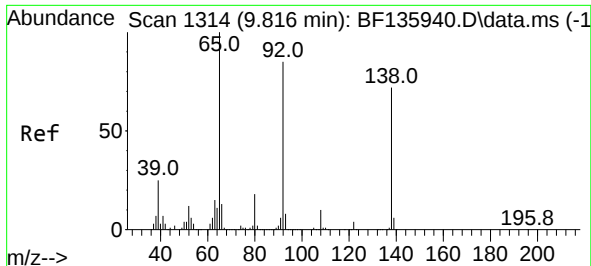
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#52
Acenaphthene
Concen: 46.395 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:154 Resp: 812122
Ion Ratio Lower Upper
154 100
153 111.5 88.0 132.0
152 50.2 39.4 59.2





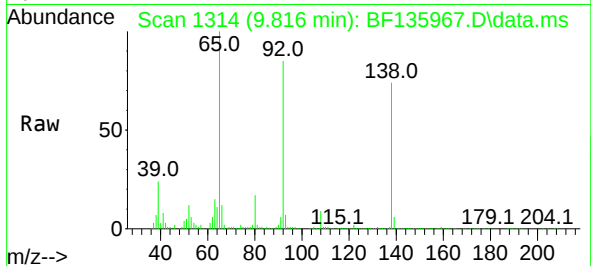
#53
3-Nitroaniline
Concen: 41.041 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

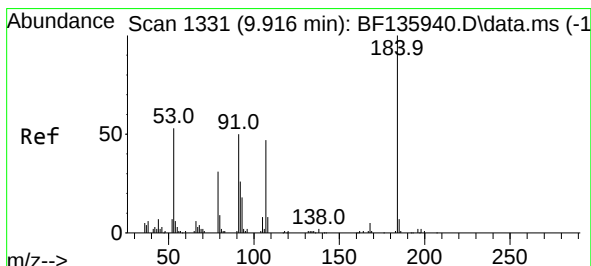
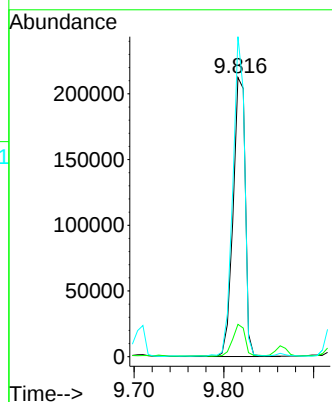
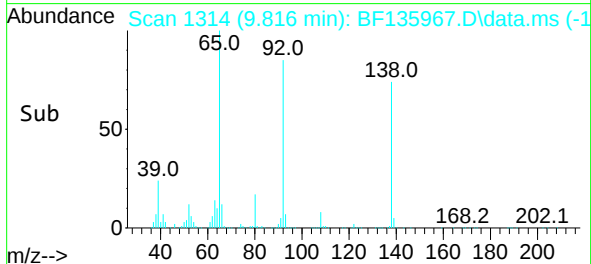


Tgt Ion:138 Resp: 200319
Ion Ratio Lower Upper
138 100
108 11.6 11.3 16.9
92 114.6 95.0 142.6

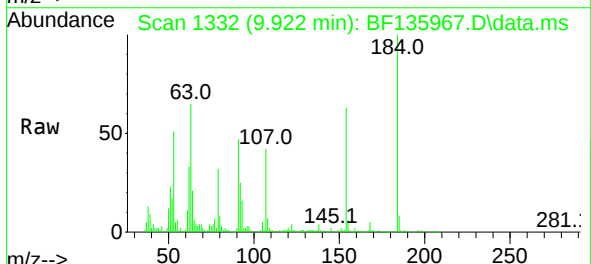
Manual Integrations

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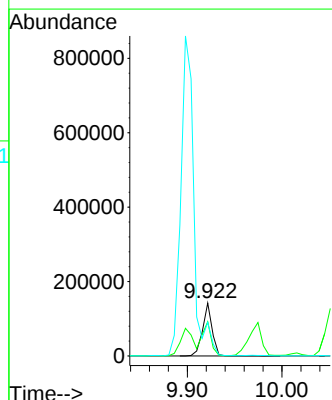
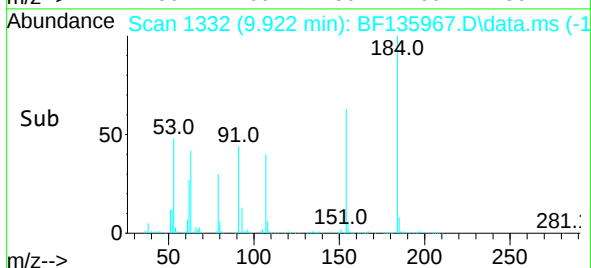
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

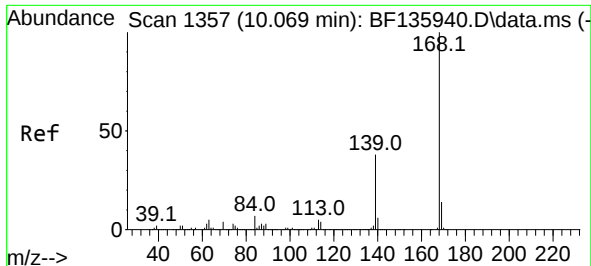


#54
2,4-Dinitrophenol
Concen: 70.397 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



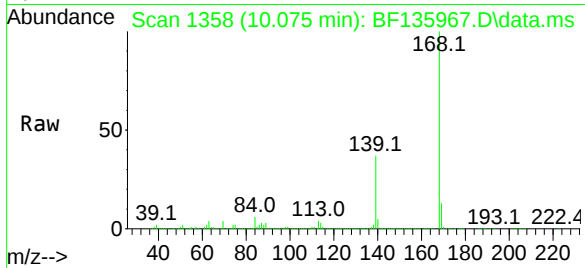
Tgt Ion:184 Resp: 99094
Ion Ratio Lower Upper
184 100
63 64.6 56.3 84.5
154 63.3 48.1 72.1





#55
Dibenzenofuran
Concen: 43.265 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

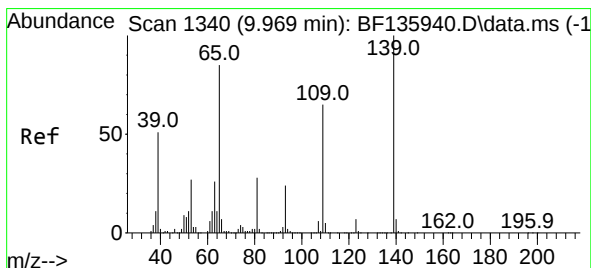
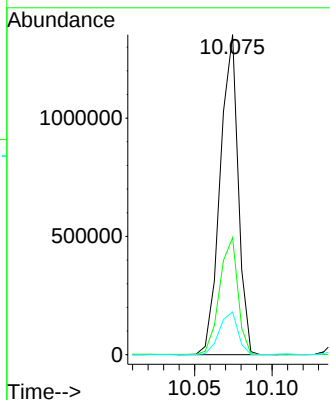
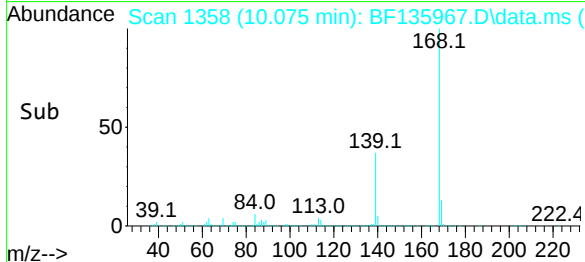
Instrument :
BNA_F
ClientSampleId :
MMFB-4MS



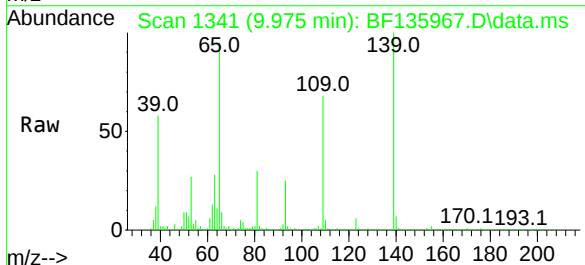
Tgt Ion:168 Resp: 109407
Ion Ratio Lower Upper
168 100
139 36.5 30.7 46.1
169 13.3 11.1 16.7

Manual Integrations
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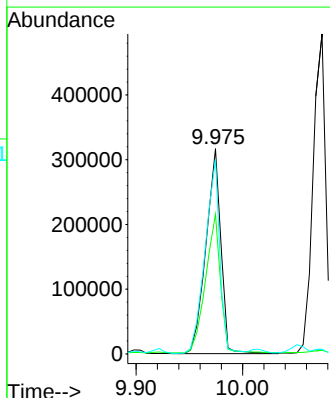
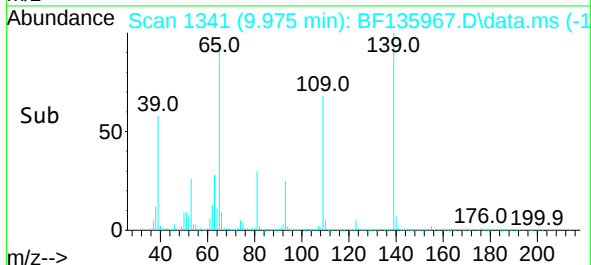
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

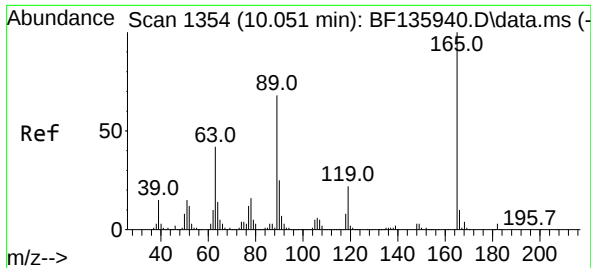


#56
4-Nitrophenol
Concen: 77.359 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



Tgt Ion:139 Resp: 311731
Ion Ratio Lower Upper
139 100
109 68.1 45.2 85.2
65 94.8 65.1 105.1





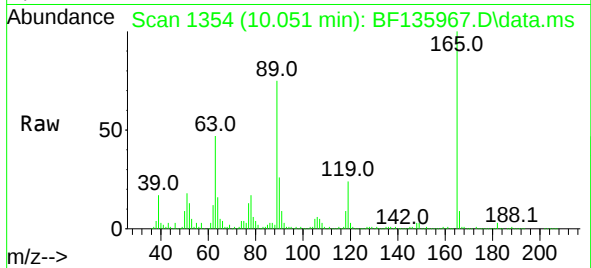
#57
2,4-Dinitrotoluene
Concen: 47.331 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

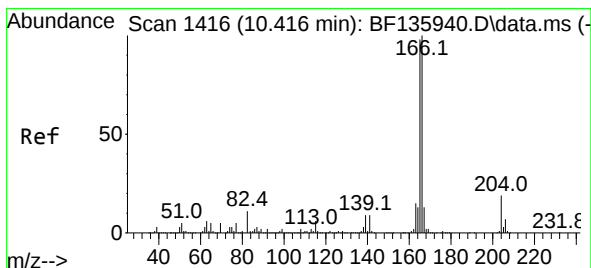
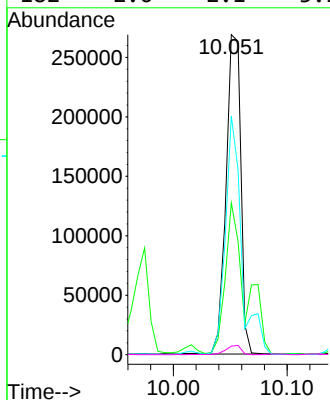
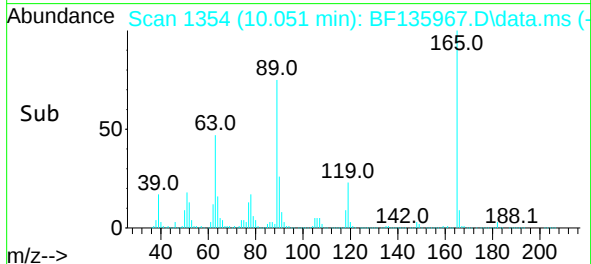


Tgt Ion:165 Resp: 24284
Ion Ratio Lower Upper
165 100
63 47.4 33.7 50.5
89 74.6 54.6 81.8
182 2.6 2.1 3.1

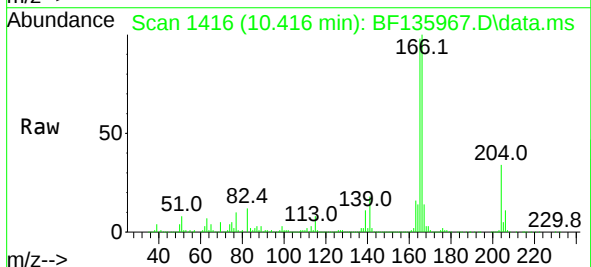
Manual Integrations

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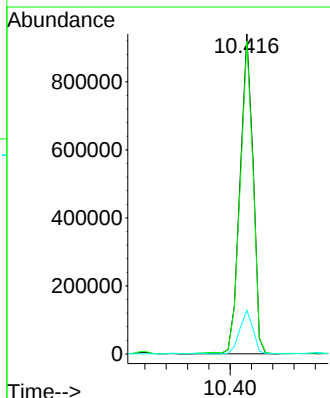
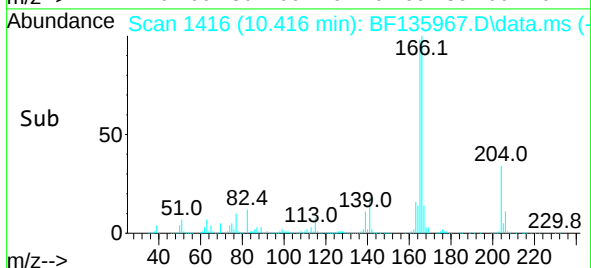
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

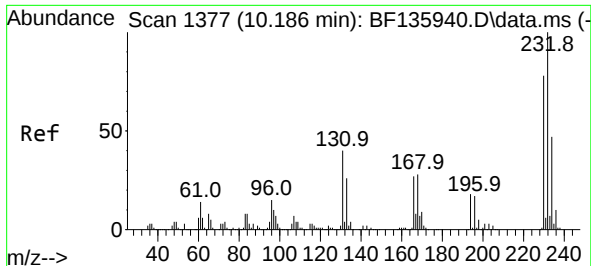


#58
Fluorene
Concen: 42.198 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



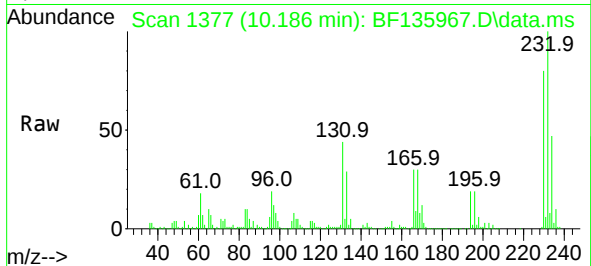
Tgt Ion:166 Resp: 798343
Ion Ratio Lower Upper
166 100
165 97.7 78.0 117.0
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.150 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

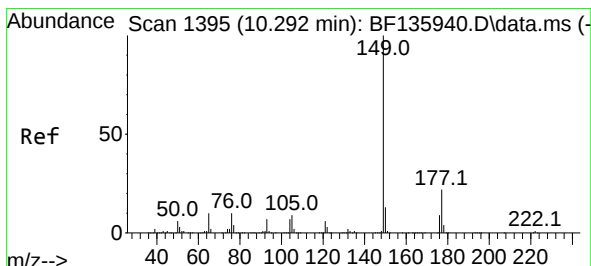
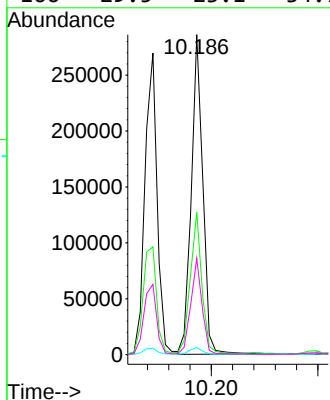
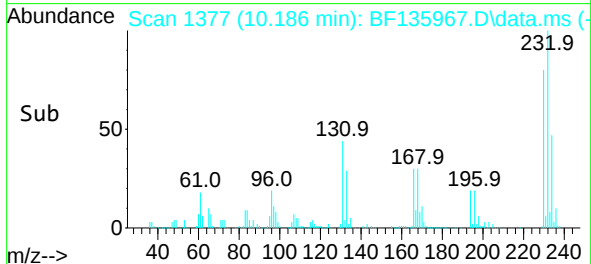
Instrument :
BNA_F
ClientSampleId :
MMFB-4MS



Tgt Ion:232 Resp: 21511
Ion Ratio Lower Upper
232 100
131 43.9 35.2 52.8
130 2.3 1.7 2.5
166 29.5 23.1 34.7

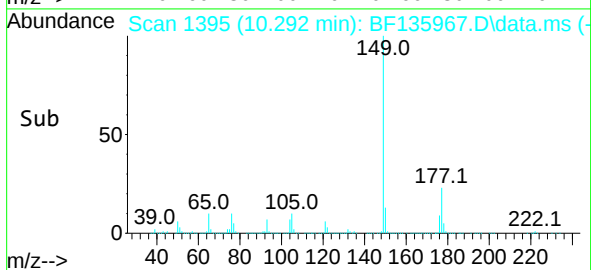
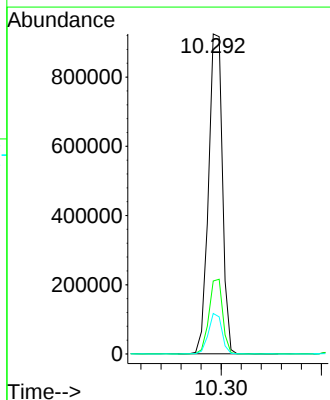
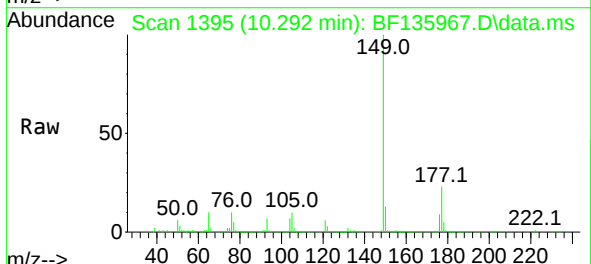
Manual Integrations
APPROVED

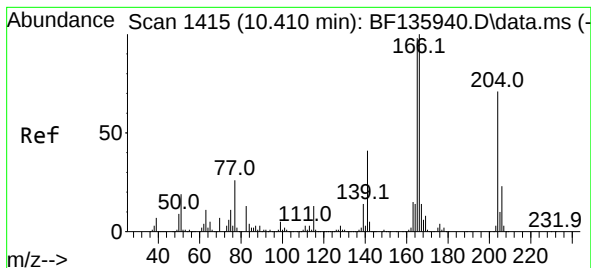
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#60
Diethylphthalate
Concen: 46.431 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:149 Resp: 886956
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.6 10.2 15.2





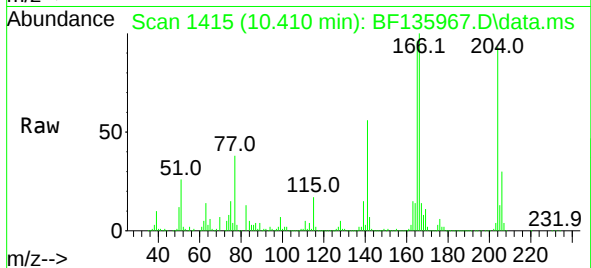
#61
4-Chlorophenyl-phenylether
Concen: 42.909 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

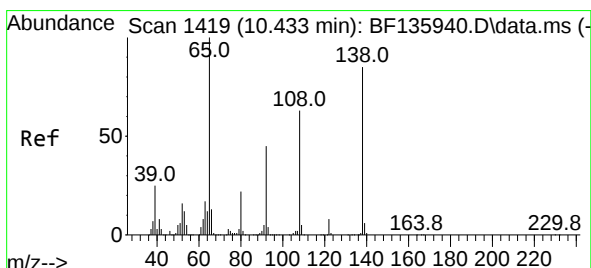
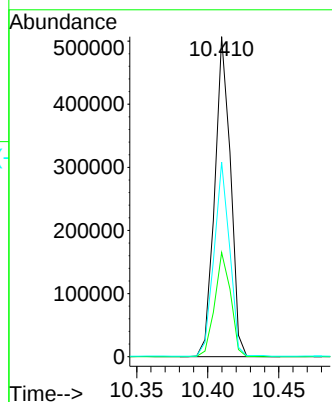
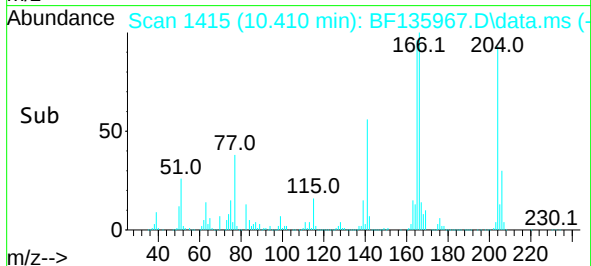


Tgt Ion:204 Resp: 391594
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 60.8 46.2 69.2

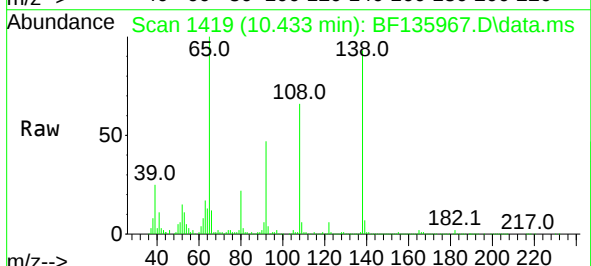
Manual Integrations

APPROVED

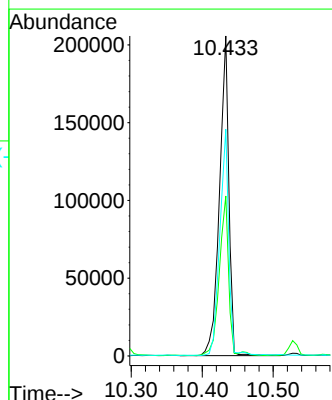
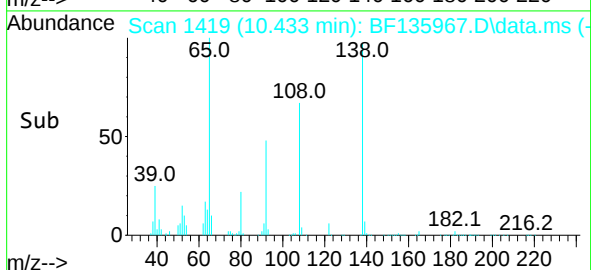
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

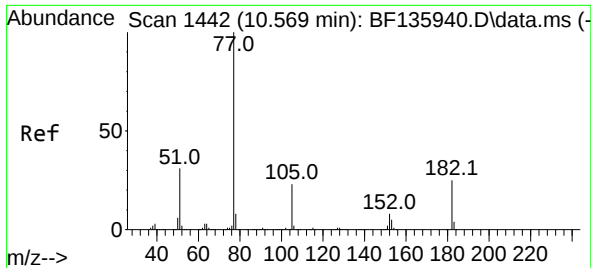


#62
4-Nitroaniline
Concen: 38.994 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



Tgt Ion:138 Resp: 187121
Ion Ratio Lower Upper
138 100
92 50.0 32.9 72.9
108 70.9 53.5 93.5





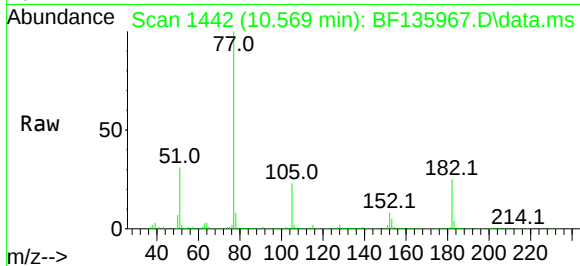
#63
Azobenzene
Concen: 41.004 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

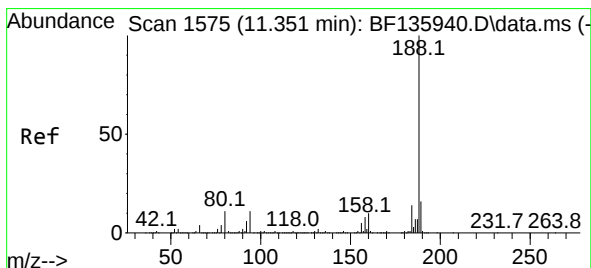
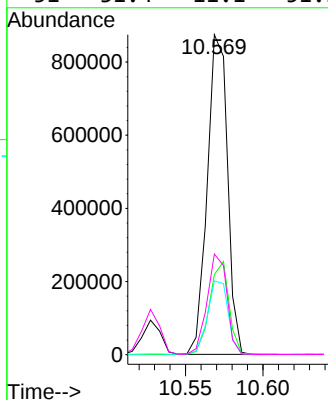
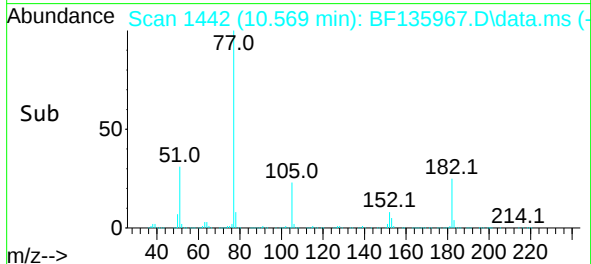


Tgt Ion: 77 Resp: 79489
Ion Ratio Lower Upper
77 100
182 25.0 5.1 45.1
105 23.1 2.8 42.8
51 31.4 11.1 51.1

Manual Integrations

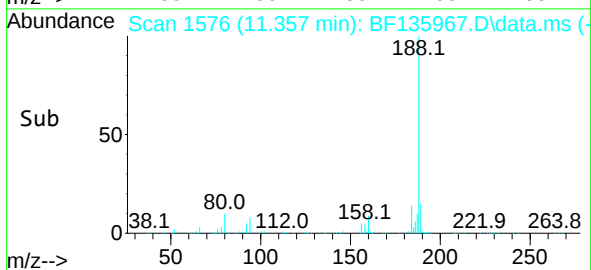
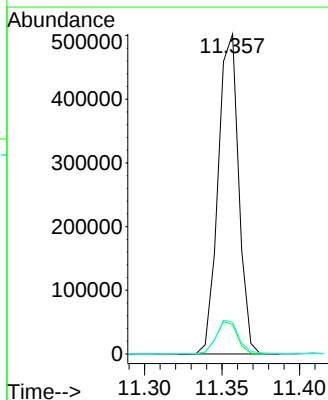
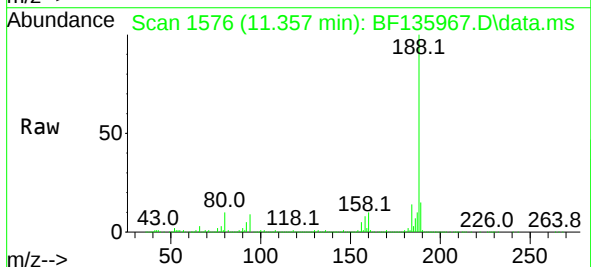
APPROVED

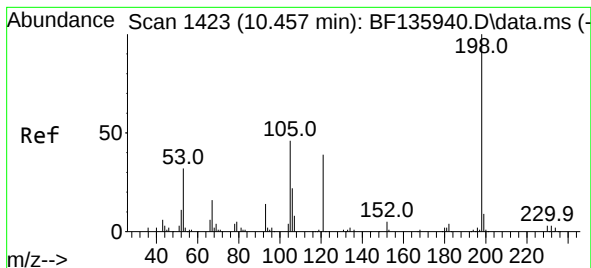
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

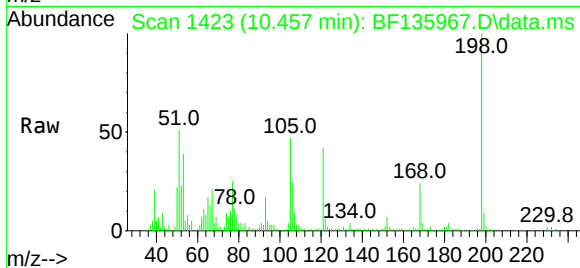
Tgt Ion:188 Resp: 463494
Ion Ratio Lower Upper
188 100
94 9.2 8.6 13.0
80 9.9 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 48.451 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

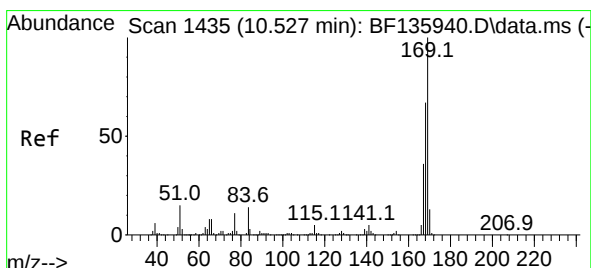
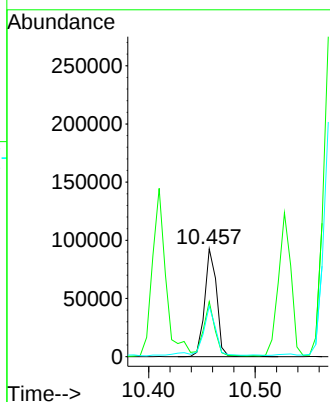
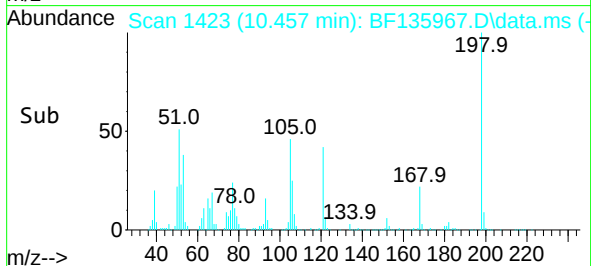
Instrument :
BNA_F
ClientSampleId :
MMFB-4MS



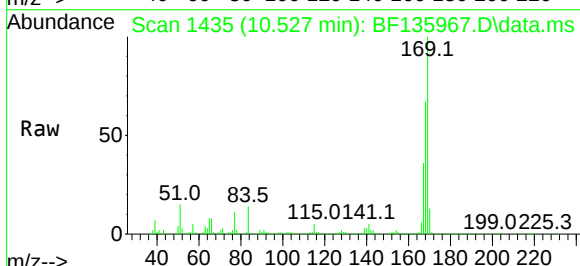
Tgt Ion:198 Resp: 72830
Ion Ratio Lower Upper
198 100
51 51.0 28.7 68.7
105 47.1 27.2 67.2

Manual Integrations
APPROVED

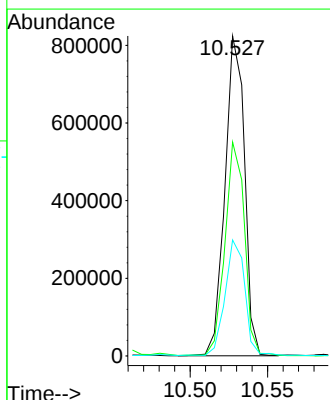
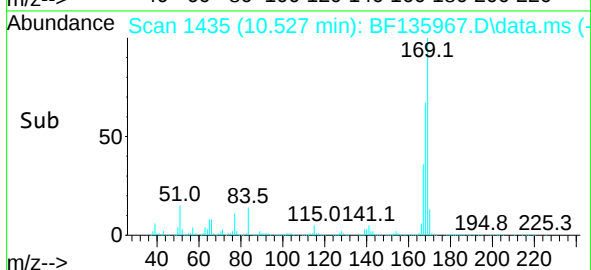
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

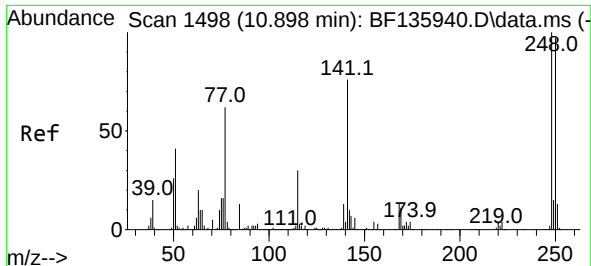


#66
n-Nitrosodiphenylamine
Concen: 51.664 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



Tgt Ion:169 Resp: 723404
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 36.2 29.0 43.4





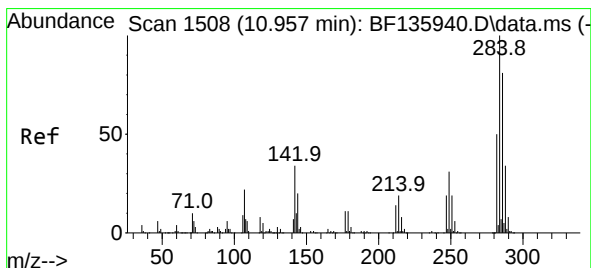
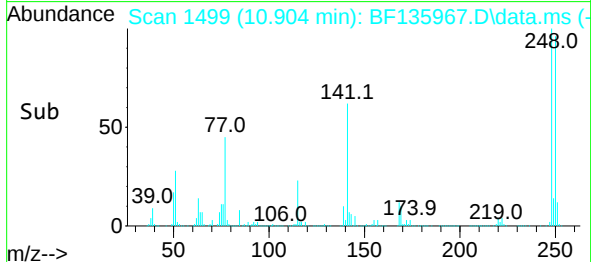
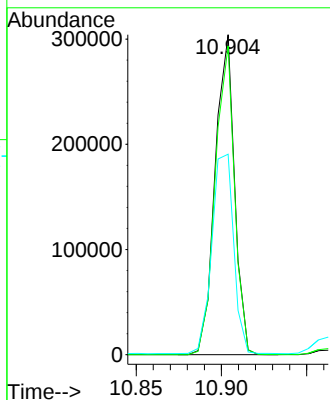
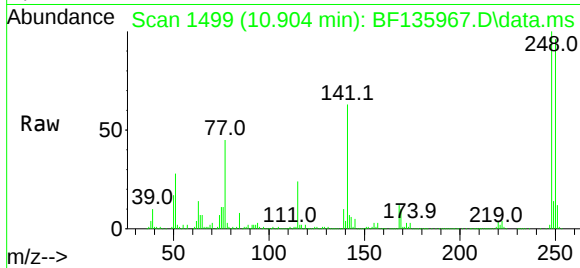
#67
4-Bromophenyl-phenylether
Concen: 50.742 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :
BNA_F
ClientSampleId :
MMFB-4MS

Tgt Ion:248 Resp: 240850
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 62.7 60.8 91.2

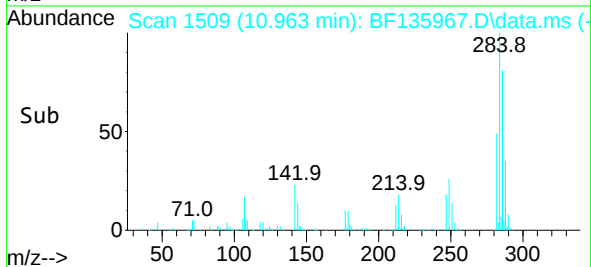
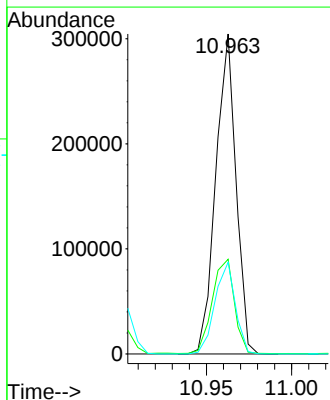
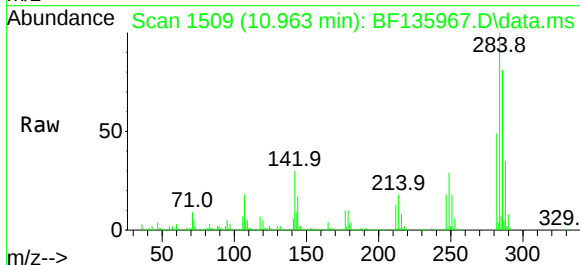
Manual Integrations
APPROVED

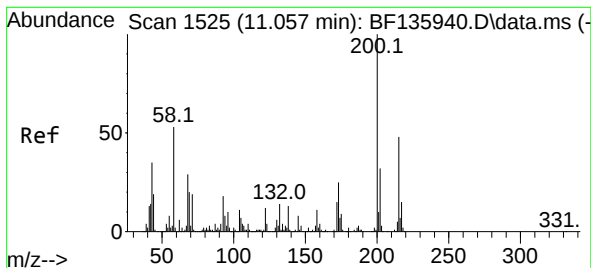
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#68
Hexachlorobenzene
Concen: 49.460 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:284 Resp: 250793
Ion Ratio Lower Upper
284 100
142 29.6 27.6 41.4
249 28.7 24.7 37.1





#69

Atrazine

Concen: 60.850 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.006 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

Tgt Ion:200 Resp: 232270

Ion Ratio Lower Upper

200 100

173 25.8 5.5 45.5

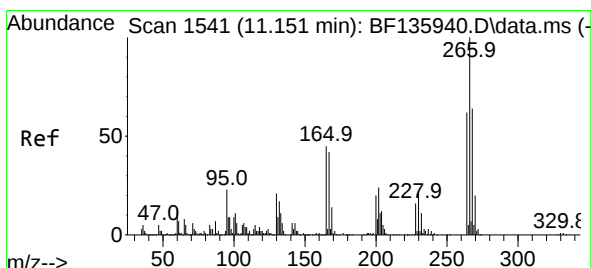
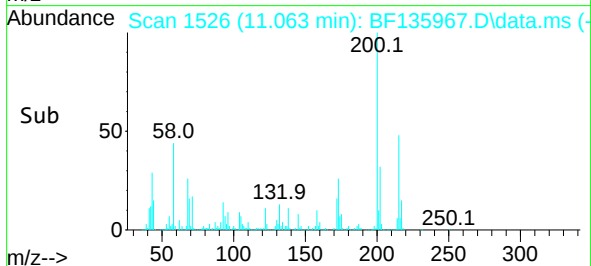
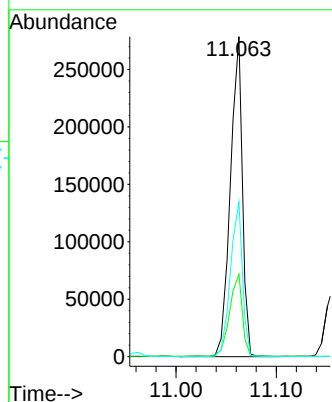
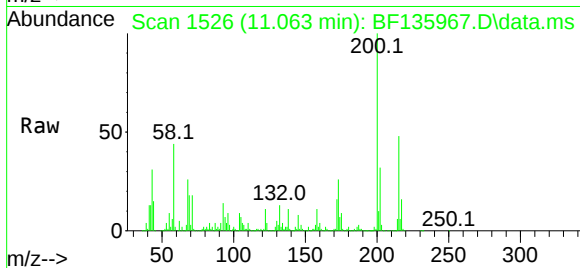
215 48.3 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#70

Pentachlorophenol

Concen: 83.596 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

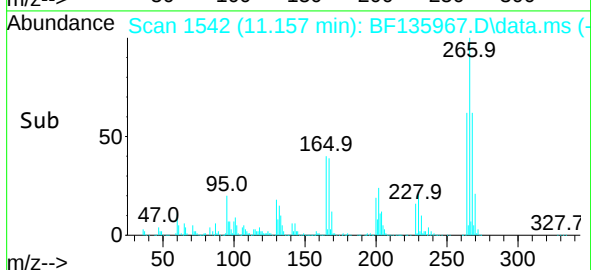
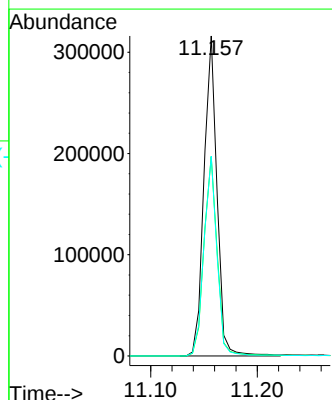
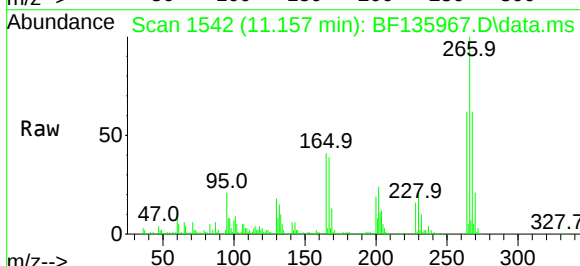
Tgt Ion:266 Resp: 269398

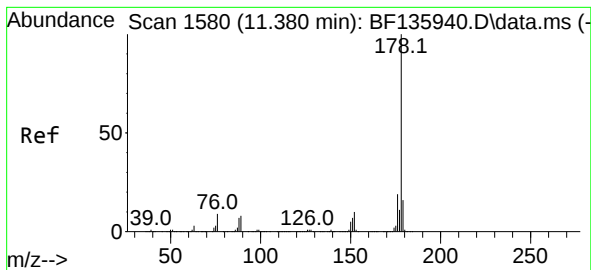
Ion Ratio Lower Upper

266 100

268 62.3 50.8 76.2

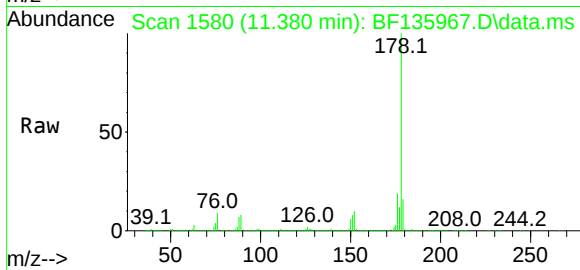
264 62.4 49.8 74.6





#71
Phenanthrene
Concen: 49.374 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

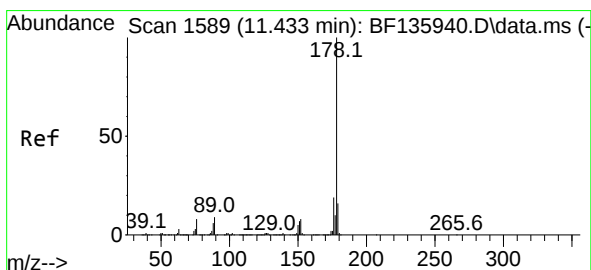
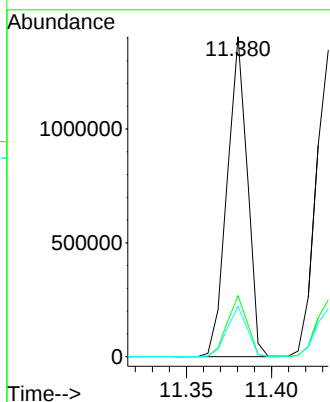
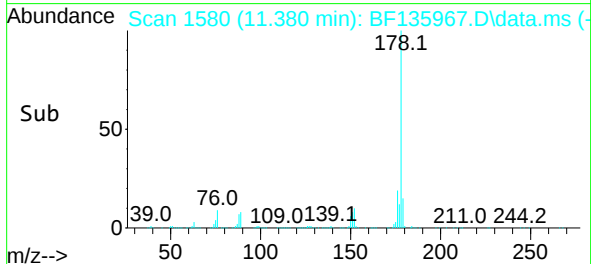
Instrument :
BNA_F
ClientSampleId :
MMFB-4MS



Tgt Ion:178 Resp: 115778
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.5 18.7

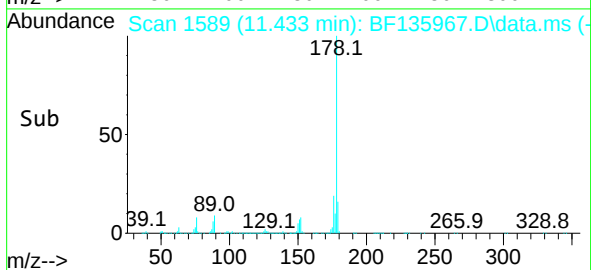
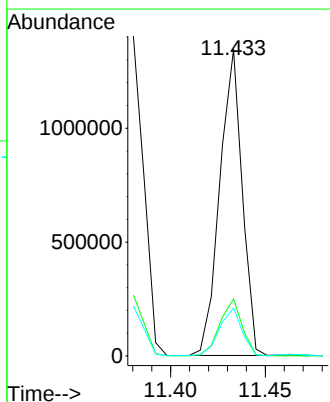
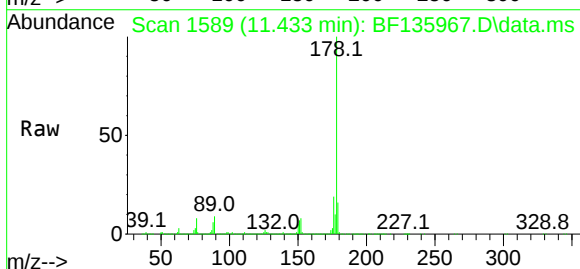
Manual Integrations
APPROVED

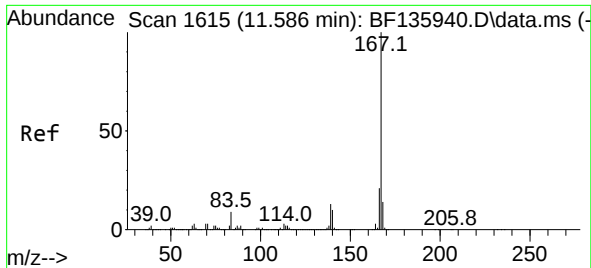
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#72
Anthracene
Concen: 46.183 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

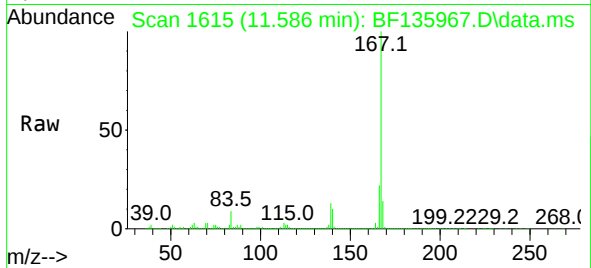
Tgt Ion:178 Resp: 1108878
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 44.359 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.000 min
 Lab File: BF135967.D
 Acq: 26 Oct 2023 17:10

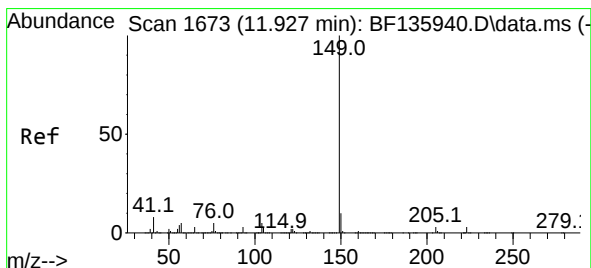
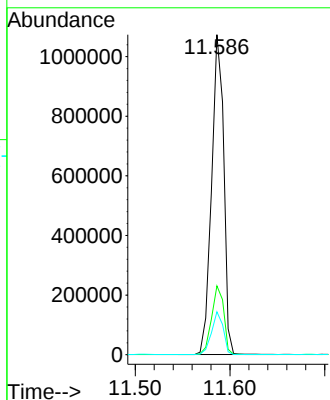
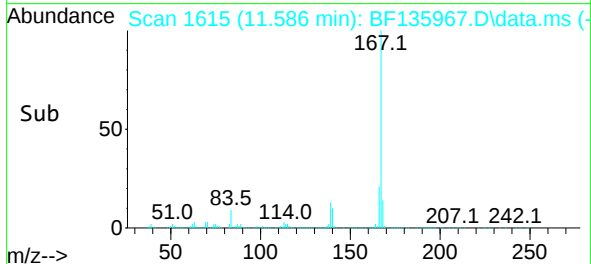
Instrument :
 BNA_F
 ClientSampleId :
 MMFB-4MS



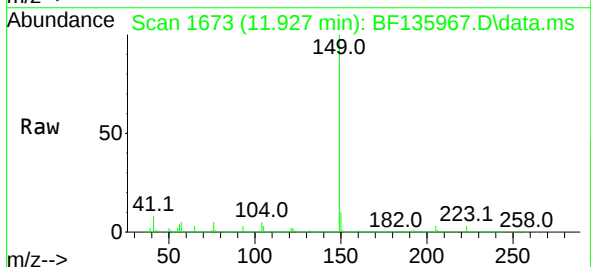
Tgt Ion:167 Resp: 950091
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.4 10.4 15.6

Manual Integrations
 APPROVED

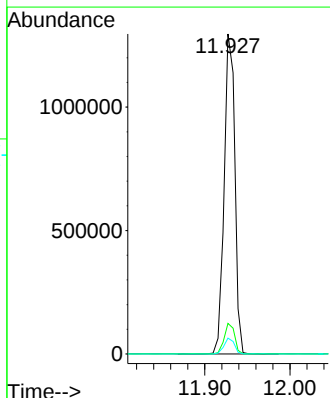
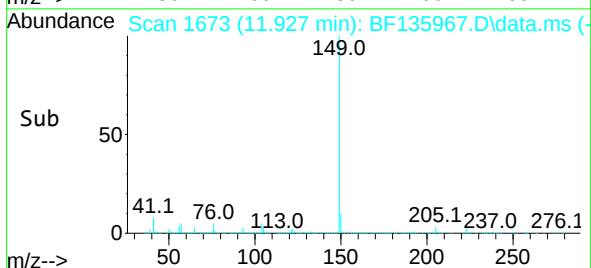
Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

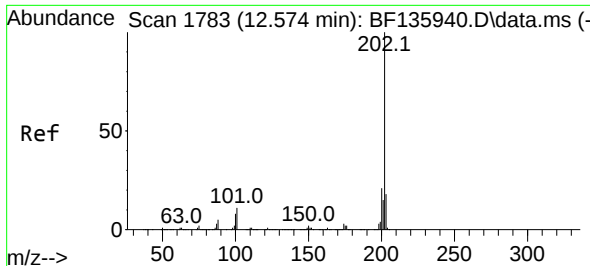


#74
 Di-n-butylphthalate
 Concen: 49.382 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF135967.D
 Acq: 26 Oct 2023 17:10



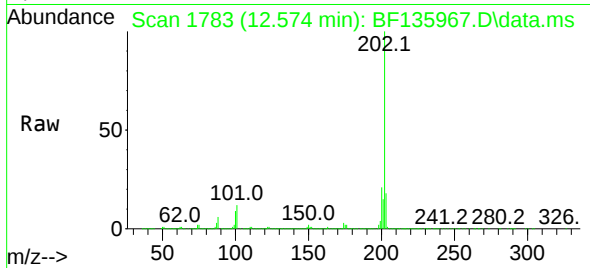
Tgt Ion:149 Resp: 1125490
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 47.009 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

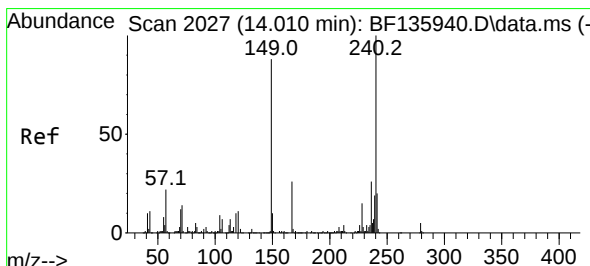
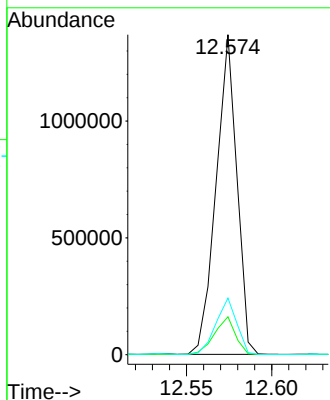
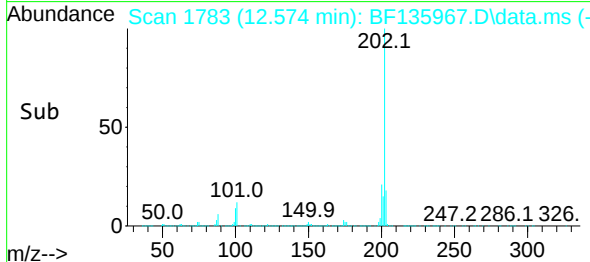
Instrument :
BNA_F
ClientSampleId :
MMFB-4MS



Tgt Ion:202 Resp: 115971
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.6
203 17.7 0.0 37.5

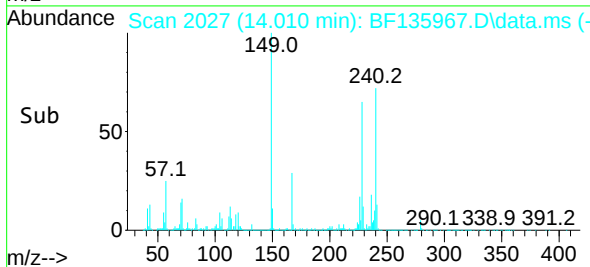
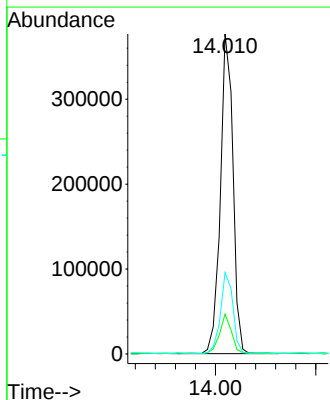
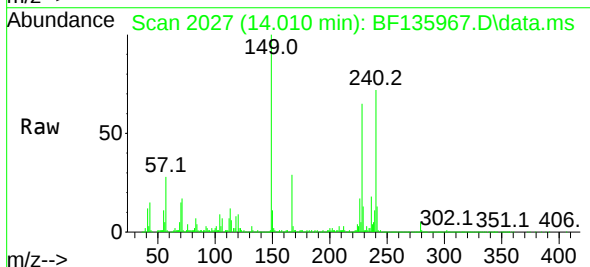
Manual Integrations
APPROVED

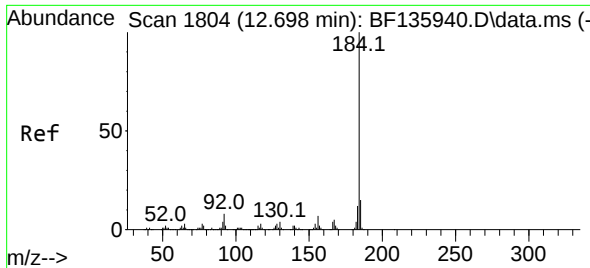
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:240 Resp: 327569
Ion Ratio Lower Upper
240 100
120 12.4 8.6 13.0
236 25.5 20.6 30.8





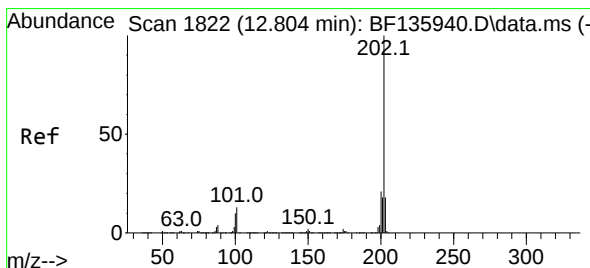
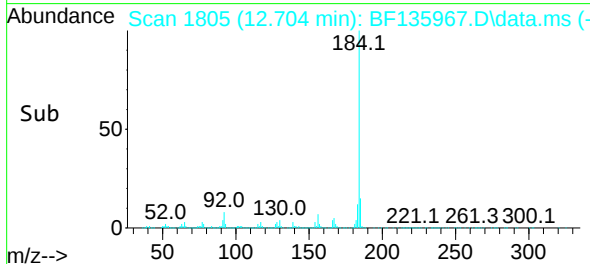
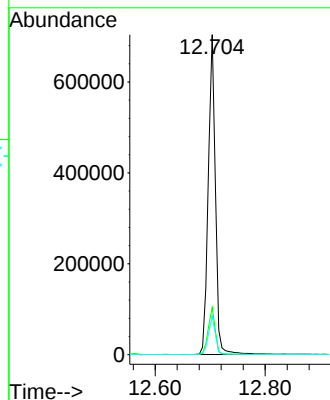
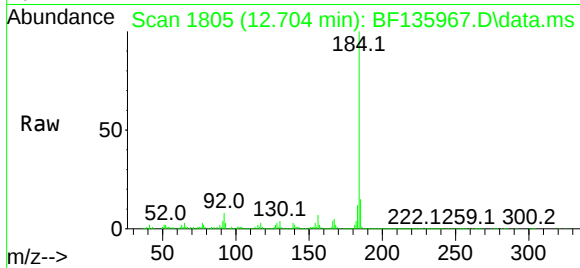
#77
Benzidine
Concen: 100.606 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :
BNA_F
ClientSampleId :
MMFB-4MS

Tgt Ion:184 Resp: 63545
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 11.9 9.2 13.8

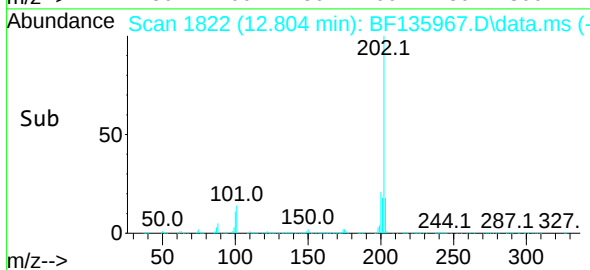
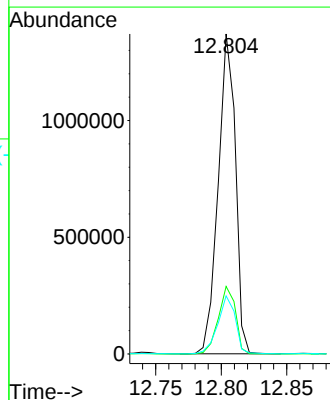
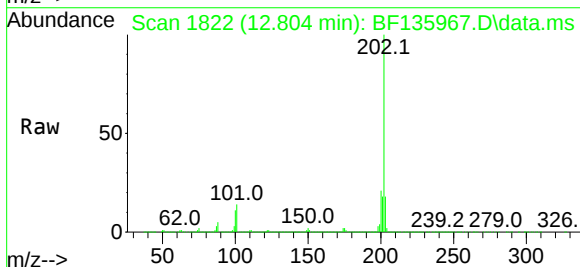
Manual Integrations
APPROVED

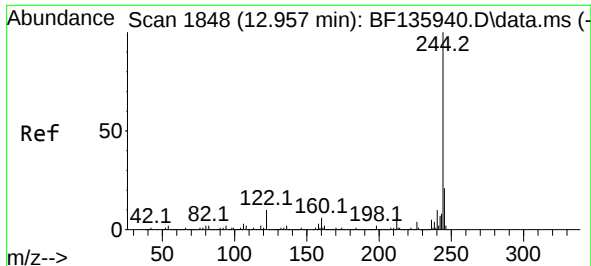
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#78
Pyrene
Concen: 45.457 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:202 Resp: 1250246
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 18.2 14.5 21.7





#79
 Terphenyl-d14
 Concen: 63.597 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF135967.D
 Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

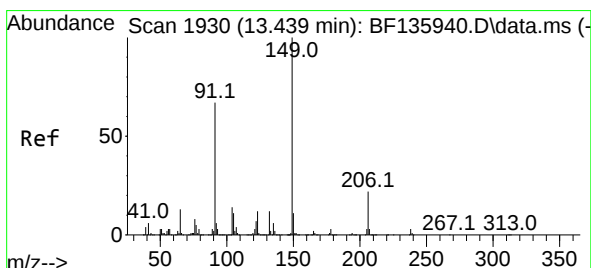
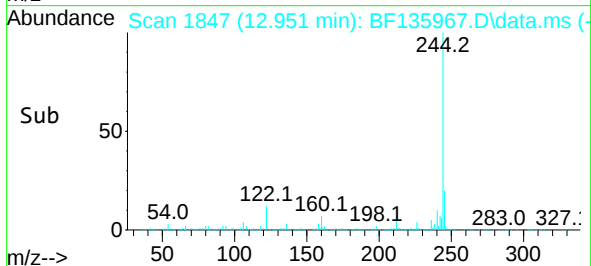
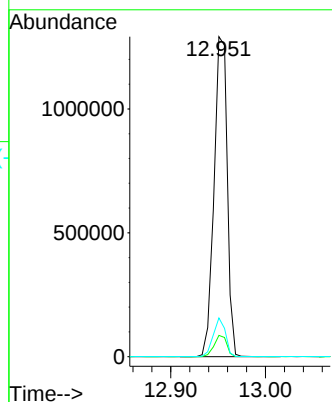
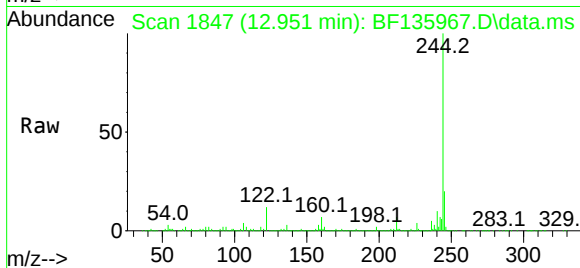
MMFB-4MS

Tgt Ion:244 Resp: 124687
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.6
 122 12.1 8.0 12.0

Manual Integrations

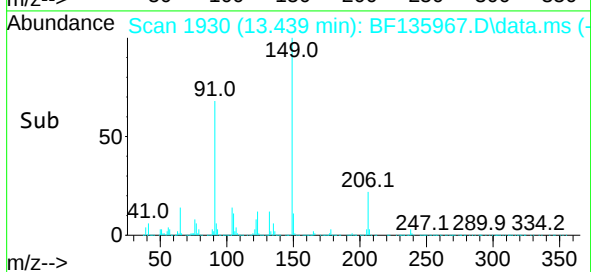
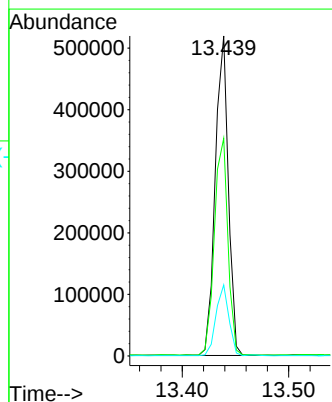
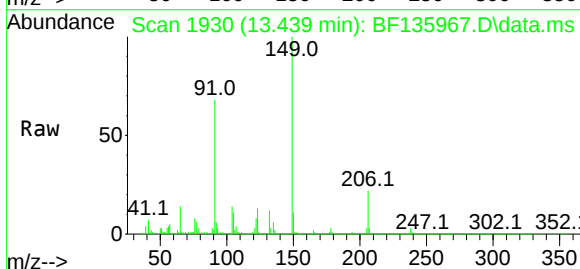
APPROVED

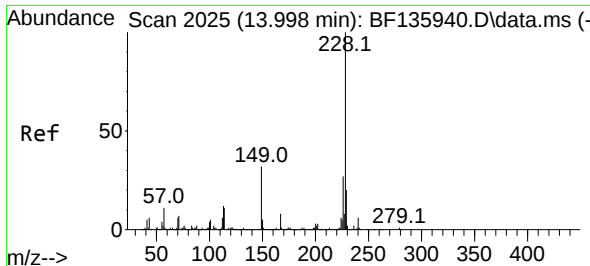
Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023



#80
 Butylbenzylphthalate
 Concen: 43.084 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. -0.000 min
 Lab File: BF135967.D
 Acq: 26 Oct 2023 17:10

Tgt Ion:149 Resp: 443413
 Ion Ratio Lower Upper
 149 100
 91 68.0 53.4 80.0
 206 22.2 17.5 26.3





#81
Benzo(a)anthracene
Concen: 48.910 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

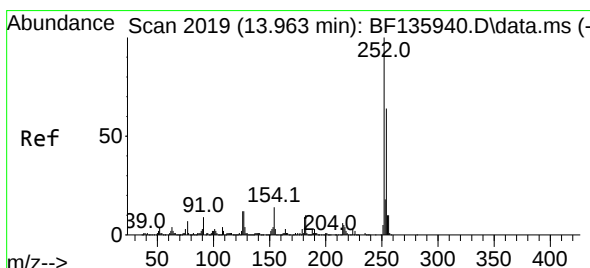
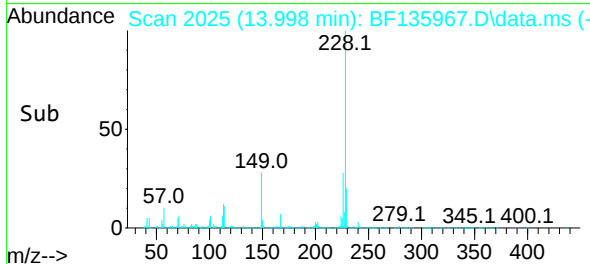
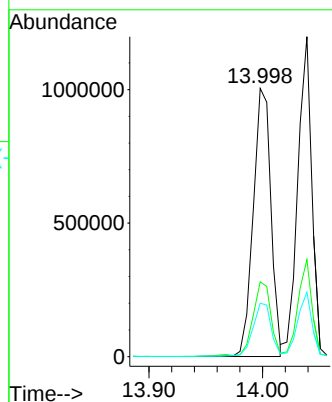
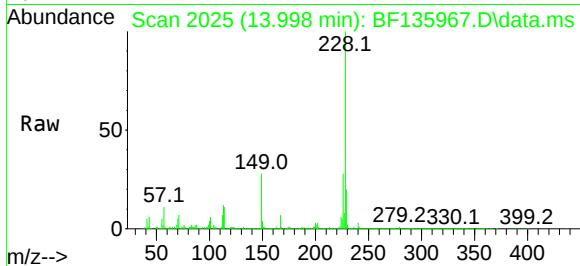
ClientSampleId :

MMFB-4MS

Tgt Ion:228 Resp: 108936
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 19.9 16.2 24.4

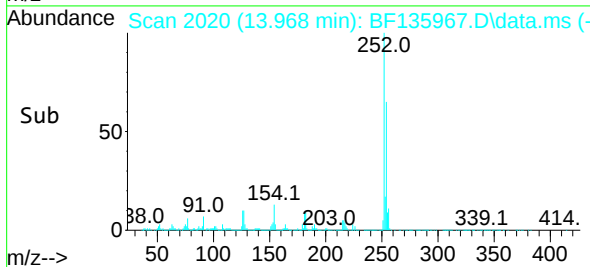
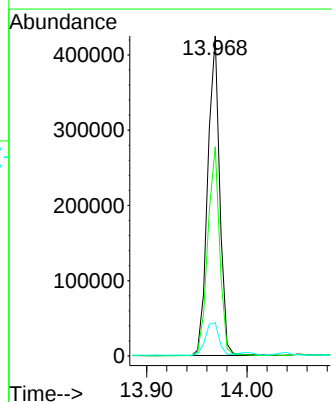
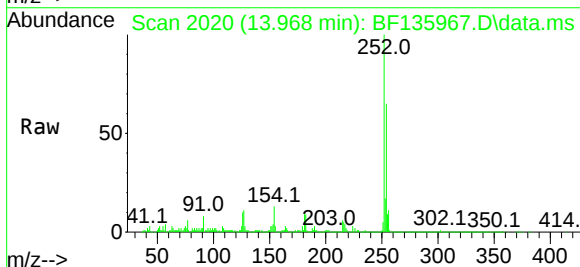
Manual Integrations
APPROVED

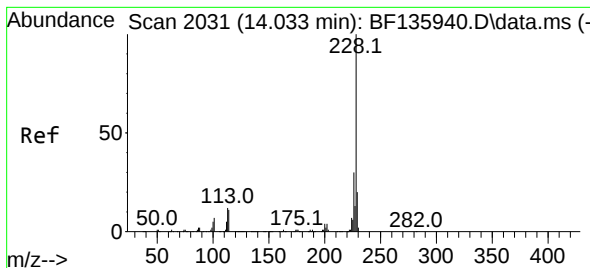
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#82
3,3'-Dichlorobenzidine
Concen: 52.063 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:252 Resp: 352793
Ion Ratio Lower Upper
252 100
254 65.4 50.9 76.3
126 10.4 9.8 14.6





#83

Chrysene

Concen: 47.240 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

Tgt Ion:228 Resp: 1024774

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

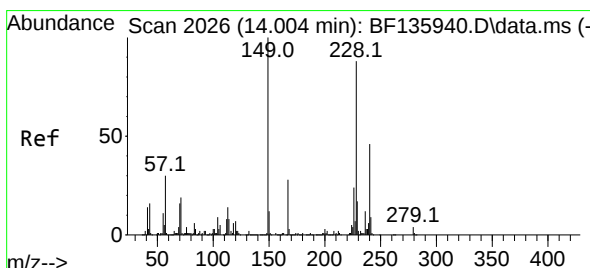
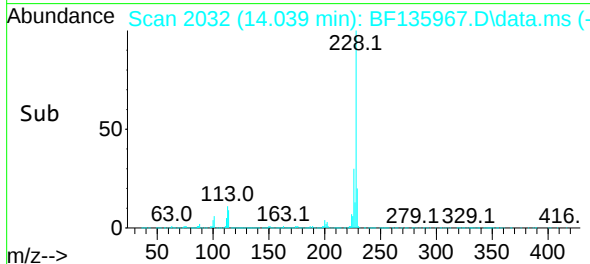
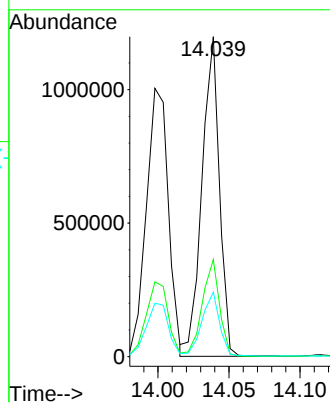
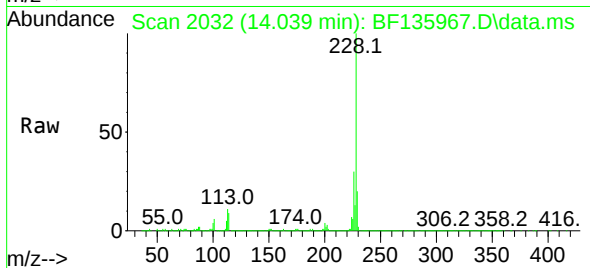
229 20.2 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.249 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

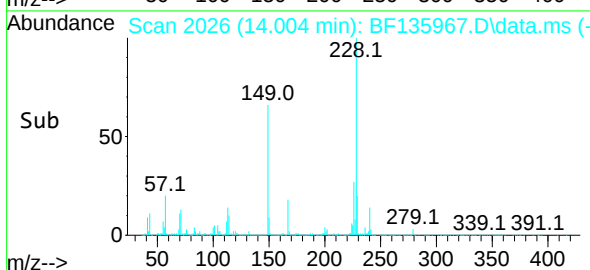
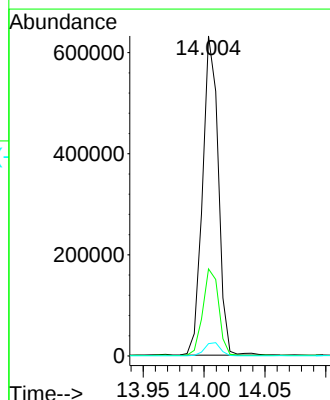
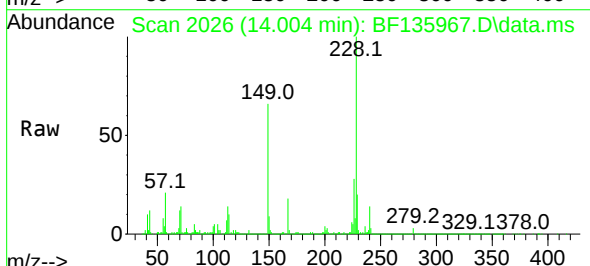
Tgt Ion:149 Resp: 568318

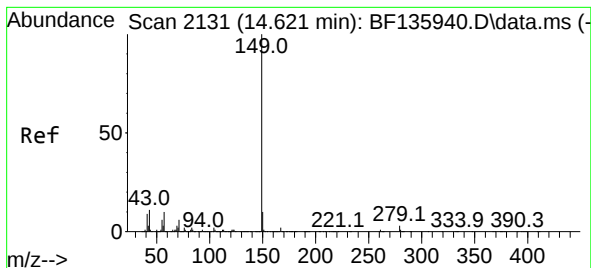
Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

279 3.9 3.1 4.7





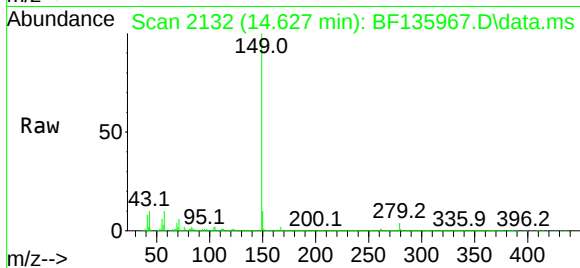
#85
Di-n-octyl phthalate
Concen: 59.488 ng
RT: 14.627 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS



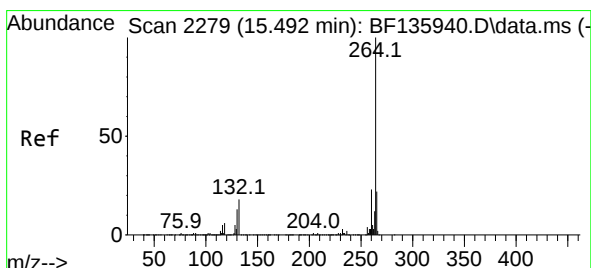
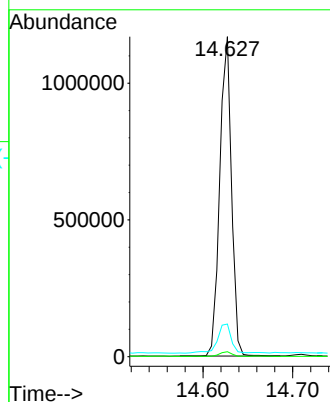
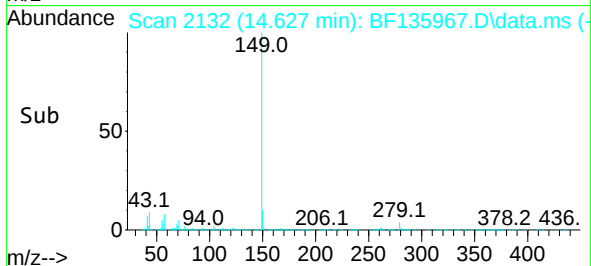
Tgt Ion:149 Resp: 1059858
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.5 8.6 12.8

Manual Integrations

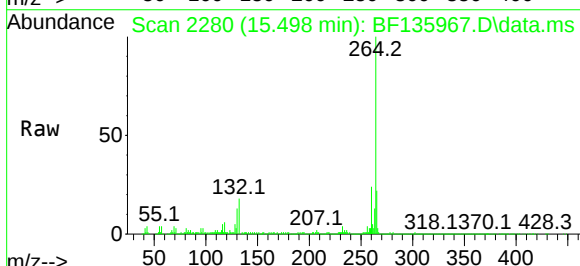
APPROVED

Reviewed By :Yogesh Patel 10/27/2023

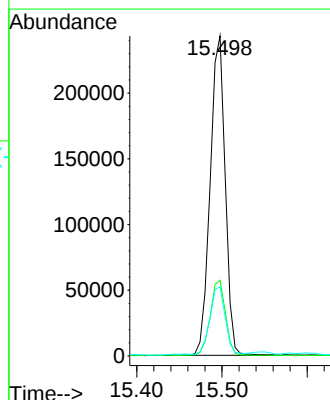
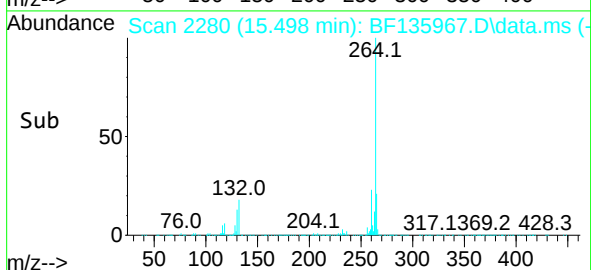
Supervised By :mohammad ahmed 10/27/2023

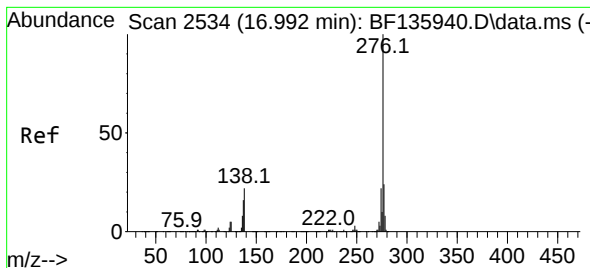


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10



Tgt Ion:264 Resp: 297892
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.433 ng

RT: 17.003 min Scan# 21

Delta R.T. 0.011 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

ClientSampleId :

MMFB-4MS

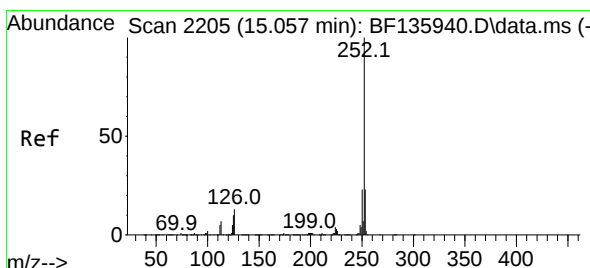
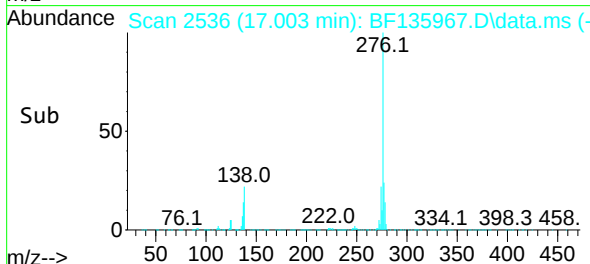
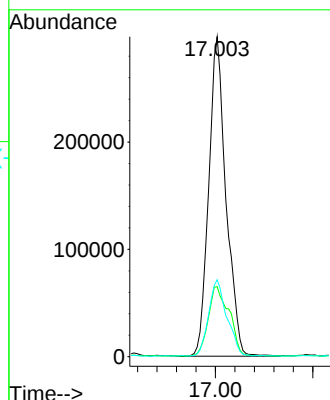
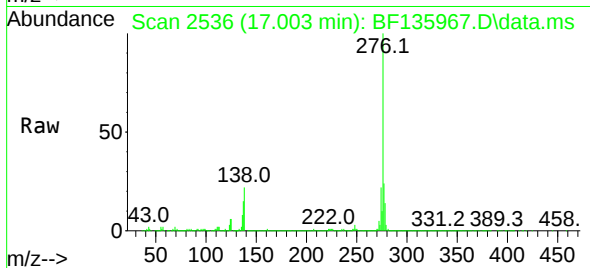
Tgt Ion:276 Resp: 733644
 Ion Ratio Lower Upper
 276 100
 138 26.4 21.8 32.6
 277 25.1 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#88

Benzo(b)fluoranthene

Concen: 52.065 ng

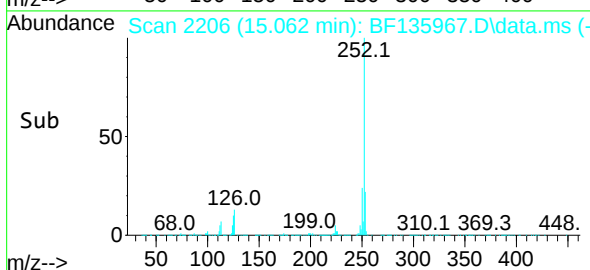
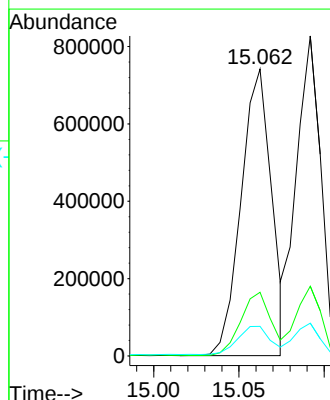
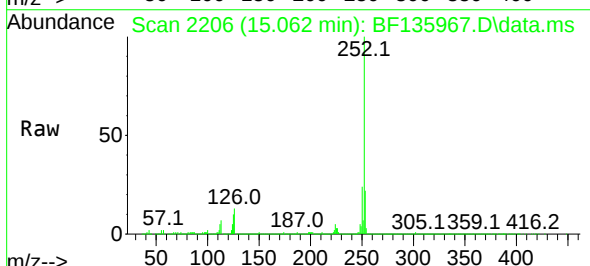
RT: 15.062 min Scan# 2206

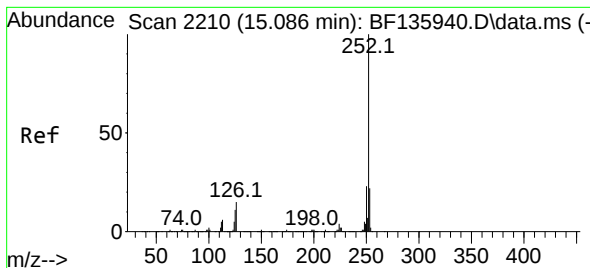
Delta R.T. 0.006 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

Tgt Ion:252 Resp: 923023
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.0 27.0
 125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 47.401 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

Instrument :

BNF

ClientSampleId :

MMFB-4MS

Tgt Ion:252 Resp: 825320

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

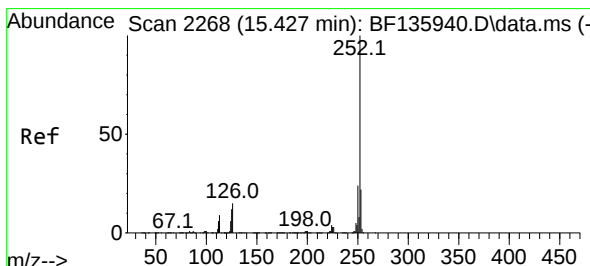
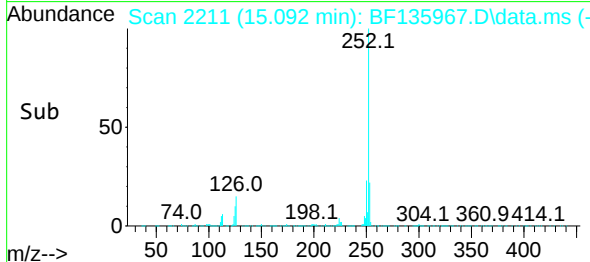
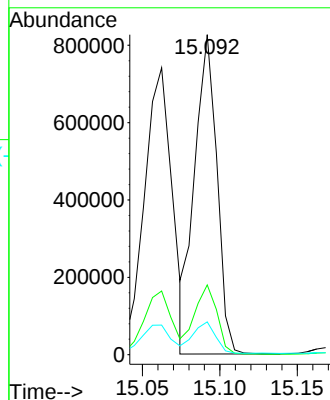
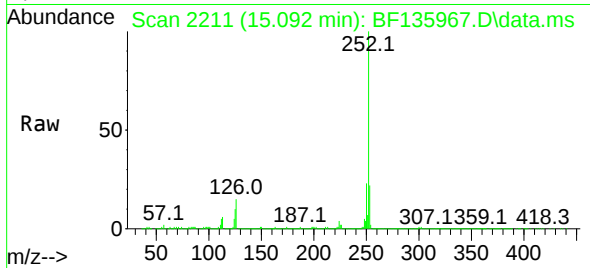
125 10.3 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#90

Benzo(a)pyrene

Concen: 46.532 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF135967.D

Acq: 26 Oct 2023 17:10

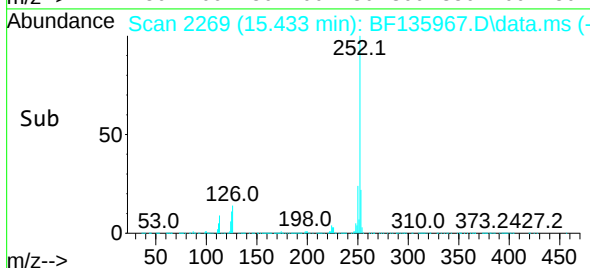
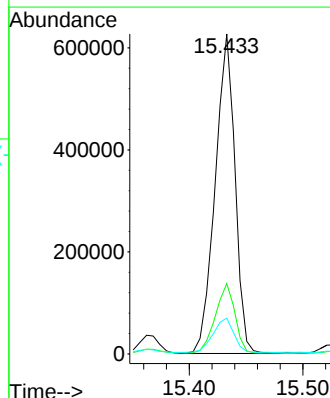
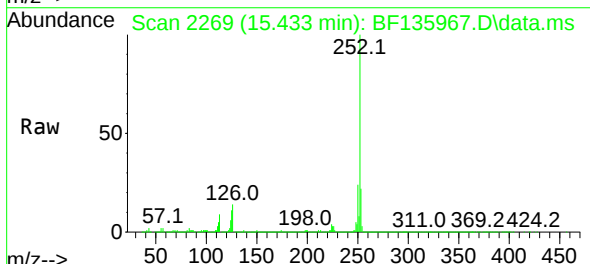
Tgt Ion:252 Resp: 760281

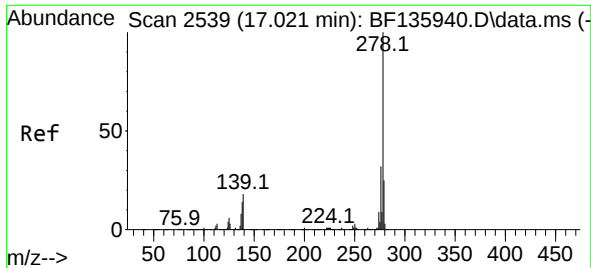
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 11.2 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 41.498 ng
RT: 17.033 min Scan# 2541
Delta R.T. 0.012 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Instrument :

BNA_F

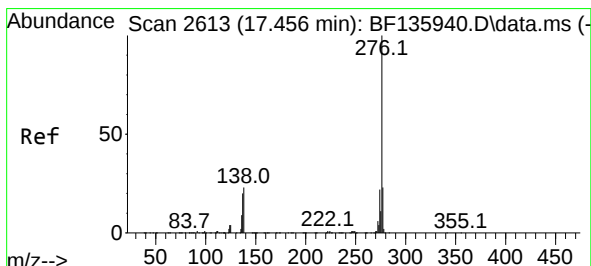
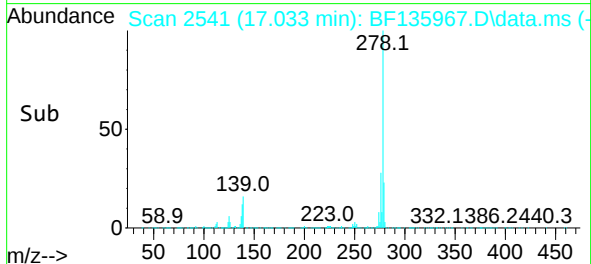
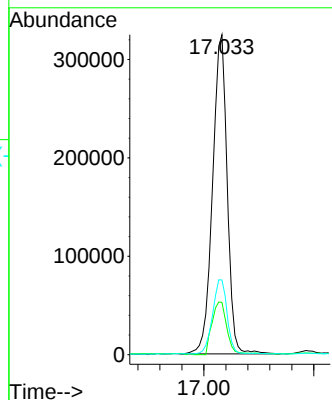
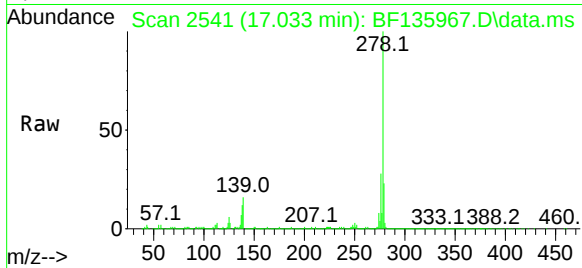
ClientSampleId :

MMFB-4MS

Tgt Ion:278 Resp: 599570
Ion Ratio Lower Upper
278 100
139 16.3 14.0 21.0
279 23.3 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#92
Benzo(g,h,i)perylene
Concen: 36.411 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.006 min
Lab File: BF135967.D
Acq: 26 Oct 2023 17:10

Tgt Ion:276 Resp: 581968
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 22.5 18.4 27.6

