

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134447.D
 Acq On : 25 Jul 2023 01:00
 Operator : CG\JU
 Sample : 03680-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 02:56:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	66962	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	249973	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	103464	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	249598	20.000	ng	0.00
76) Chrysene-d12	14.033	240	178036	20.000	ng	0.00
86) Perylene-d12	15.533	264	140763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	279229	68.896	ng	0.00
7) Phenol-d6	6.475	99	296259	59.662	ng	0.00
23) Nitrobenzene-d5	7.398	82	214397	43.394	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	104821	71.305	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	347311	44.068	ng	0.00
79) Terphenyl-d14	12.963	244	442526	43.390	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	63538	36.960	ng	100
3) Pyridine	3.440	79	154476	40.031	ng	99
4) n-Nitrosodimethylamine	3.405	42	104065	45.633	ng	92
6) Aniline	6.504	93	216955	37.071	ng	99
8) 2-Chlorophenol	6.622	128	195707	47.665	ng	98
9) Benzaldehyde	6.393	77	108861	40.938	ng	97
10) Phenol	6.493	94	216994	42.000	ng	100
11) bis(2-Chloroethyl)ether	6.575	93	158560	43.962	ng	91
12) 1,3-Dichlorobenzene	6.775	146	213539	48.364	ng	99
13) 1,4-Dichlorobenzene	6.851	146	212443	46.756	ng	99
14) 1,2-Dichlorobenzene	7.004	146	204018	47.800	ng	97
15) Benzyl Alcohol	6.981	79	181456	47.329	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	262461	49.415	ng	97
17) 2-Methylphenol	7.093	107	159748	43.625	ng	99
18) Hexachloroethane	7.340	117	80514	46.123	ng	95
19) n-Nitroso-di-n-propyla...	7.245	70	134046	43.363	ng	99
20) 3+4-Methylphenols	7.245	107	199512	42.555	ng	97
22) Acetophenone	7.245	105	274164	44.100	ng	96
24) Nitrobenzene	7.416	77	202436	41.199	ng	95
25) Isophorone	7.657	82	369503	44.874	ng	98
26) 2-Nitrophenol	7.734	139	104347	46.172	ng	99
27) 2,4-Dimethylphenol	7.775	122	166438	46.668	ng	94
28) bis(2-Chloroethoxy)met...	7.863	93	208080	45.400	ng	99
29) 2,4-Dichlorophenol	7.975	162	158771	44.534	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	177382	46.125	ng	99
31) Naphthalene	8.139	128	548726	44.107	ng	99
32) Benzoic acid	7.904	122	102297	42.941	ng	# 77
33) 4-Chloroaniline	8.187	127	120593	23.450	ng	97
34) Hexachlorobutadiene	8.245	225	115667	44.897	ng	97
35) Caprolactam	8.569	113	53187m	48.789	ng	
36) 4-Chloro-3-methylphenol	8.675	107	184880	44.943	ng	95
37) 2-Methylnaphthalene	8.828	142	361204	41.786	ng	98
38) 1-Methylnaphthalene	8.928	142	314053	39.163	ng	95
40) 1,2,4,5-Tetrachloroben...	8.992	216	154577	47.145	ng	98
41) Hexachlorocyclopentadiene	8.975	237	128148	101.642	ng	96
43) 2,4,6-Trichlorophenol	9.110	196	96770	46.006	ng	99

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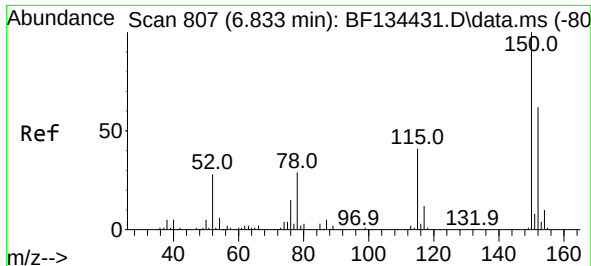
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	106071	43.283	ng	98
46) 1,1'-Biphenyl	9.292	154	395962	46.434	ng	99
47) 2-Chloronaphthalene	9.322	162	294470	46.841	ng	98
48) 2-Nitroaniline	9.422	65	105631	46.655	ng	98
49) Acenaphthylene	9.733	152	489986	46.136	ng	99
50) Dimethylphthalate	9.598	163	372968	48.628	ng	98
51) 2,6-Dinitrotoluene	9.663	165	79251	47.091	ng	99
52) Acenaphthene	9.910	154	290172	46.251	ng	99
53) 3-Nitroaniline	9.839	138	68995	35.758	ng	96
54) 2,4-Dinitrophenol	9.951	184	48918	57.424	ng	93
55) Dibenzofuran	10.081	168	444473	46.030	ng	99
56) 4-Nitrophenol	10.010	139	109279	106.203	ng	95
57) 2,4-Dinitrotoluene	10.075	165	105918	46.858	ng	92
58) Fluorene	10.428	166	363206	46.625	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	86014m	45.683	ng	
60) Diethylphthalate	10.298	149	369383	46.517	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	173997	46.757	ng	99
62) 4-Nitroaniline	10.457	138	81402	41.120	ng	93
63) Azobenzene	10.575	77	342858	46.908	ng	94
65) 4,6-Dinitro-2-methylph...	10.486	198	49069	34.272	ng	100
66) n-Nitrosodiphenylamine	10.539	169	317153	39.938	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	112333	41.077	ng	97
68) Hexachlorobenzene	10.975	284	146383	47.535	ng	99
69) Atrazine	11.069	200	123951	55.985	ng	94
70) Pentachlorophenol	11.175	266	110003	85.118	ng	97
71) Phenanthrene	11.392	178	601753	46.143	ng	99
72) Anthracene	11.445	178	609625	45.292	ng	99
73) Carbazole	11.604	167	600828	47.403	ng	100
74) Di-n-butylphthalate	11.927	149	652475	44.844	ng	99
75) Fluoranthene	12.592	202	676744	44.527	ng	99
77) Benzidine	12.716	184	355805	93.598	ng	99
78) Pyrene	12.822	202	611885	43.224	ng	100
80) Butylbenzylphthalate	13.439	149	270930	47.779	ng	98
81) Benzo(a)anthracene	14.021	228	565295	45.510	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	135513	34.445	ng	93
83) Chrysene	14.057	228	453062	38.134	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	343040	49.796	ng	99
85) Di-n-octyl phthalate	14.621	149	409767	42.803	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	487104	52.968	ng	98
88) Benzo(b)fluoranthene	15.092	252	402180	45.670	ng	99
89) Benzo(k)fluoranthene	15.121	252	393339	45.419	ng	98
90) Benzo(a)pyrene	15.474	252	352866	43.351	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	398295	53.630	ng	98
92) Benzo(g,h,i)perylene	17.557	276	402291	52.755	ng	99

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



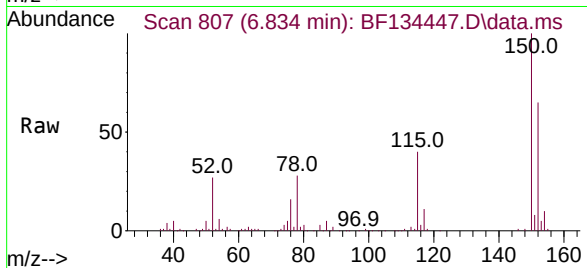
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

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TP-3MS



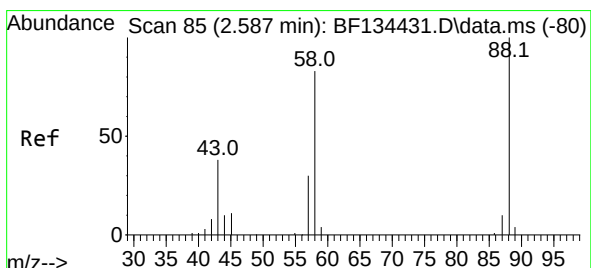
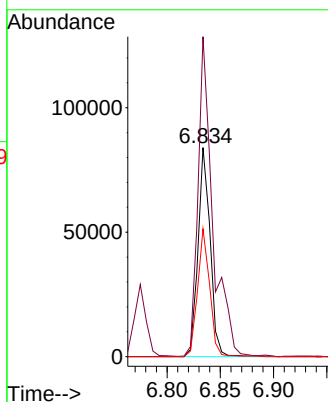
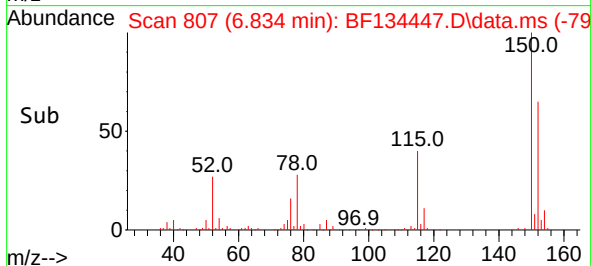
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Ion Ratio Lower Upper
152 100
150 153.1 128.3 192.5
115 61.1 52.4 78.6

Manual Integrations

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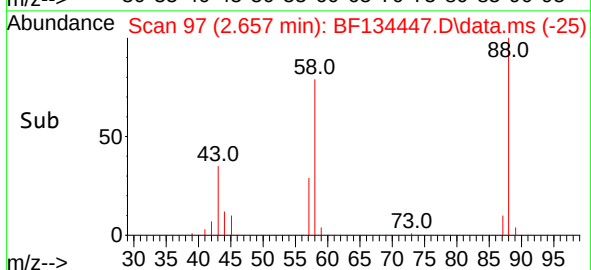
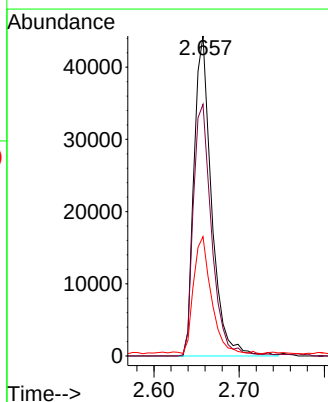
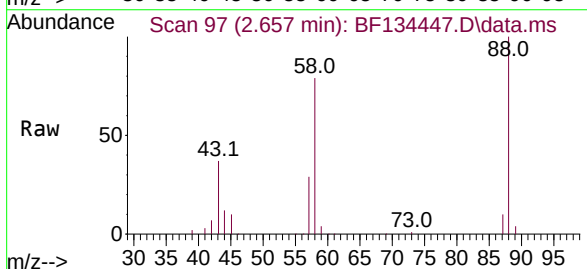
Reviewed By :Yogesh Patel 07/25/2023

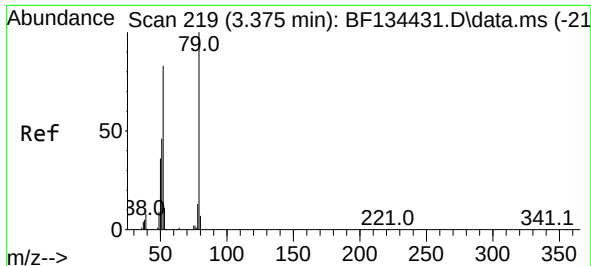
Supervised By :mohammad ahmed 07/25/2023



#2
1,4-Dioxane
Concen: 36.960 ng
RT: 2.657 min Scan# 97
Delta R.T. 0.071 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

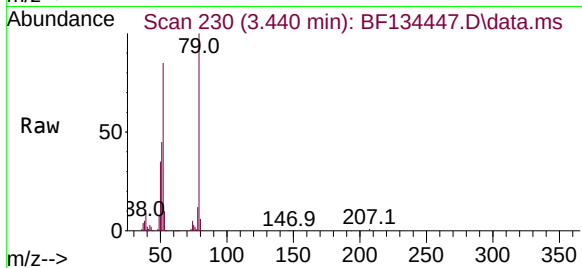
Tgt Ion: 88 Resp: 63538
Ion Ratio Lower Upper
88 100
58 81.5 65.1 97.7
43 38.3 30.3 45.5





#3
Pyridine
Concen: 40.031 ng
RT: 3.440 min Scan# 219
Delta R.T. 0.065 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

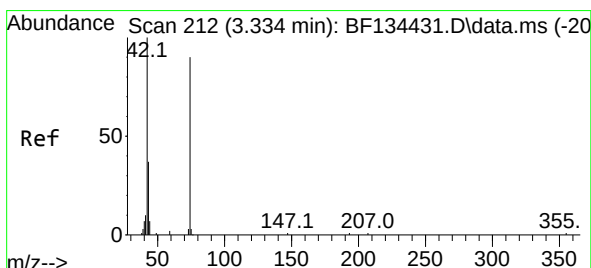
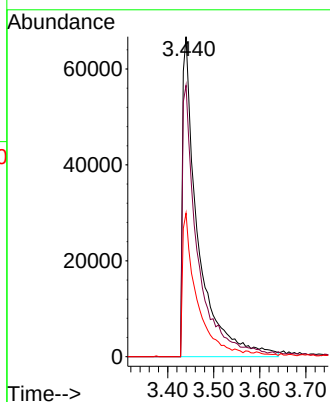
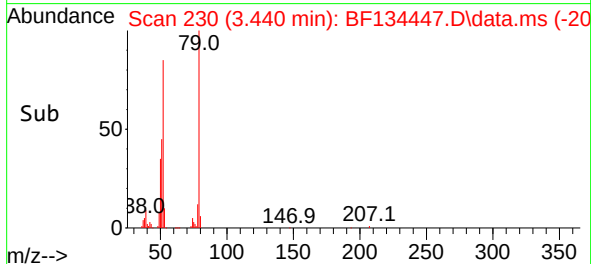
Instrument :
BNA_F
ClientSampleId :
TP-3MS



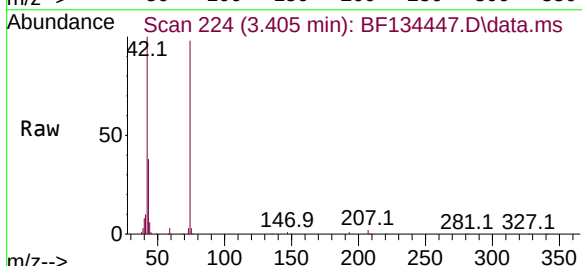
Tgt Ion: 79 Resp: 154470
Ion Ratio Lower Upper
79 100
52 84.8 66.6 100.0
51 44.9 36.5 54.7

Manual Integrations
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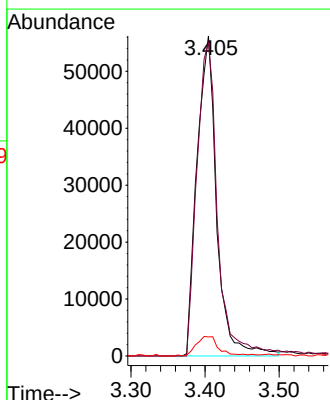
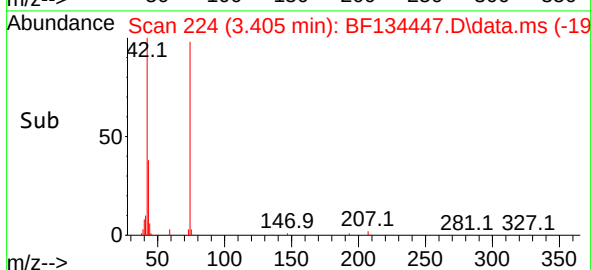
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

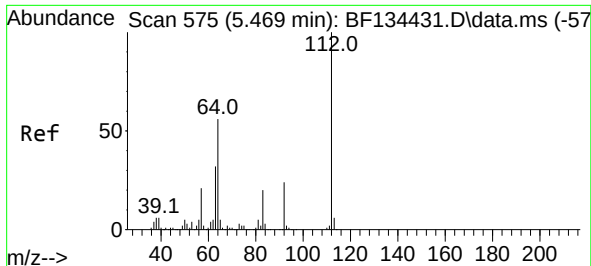


#4
n-Nitrosodimethylamine
Concen: 45.633 ng
RT: 3.405 min Scan# 224
Delta R.T. 0.071 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00



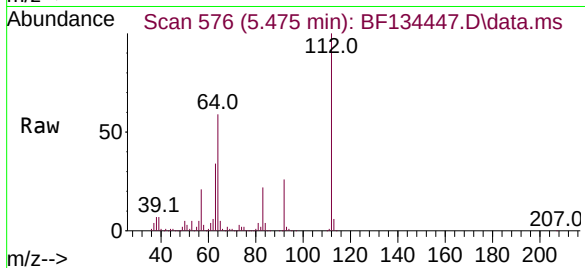
Tgt Ion: 42 Resp: 104065
Ion Ratio Lower Upper
42 100
74 97.9 72.2 108.4
44 5.9 5.4 8.0





#5
2-Fluorophenol
Concen: 68.896 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

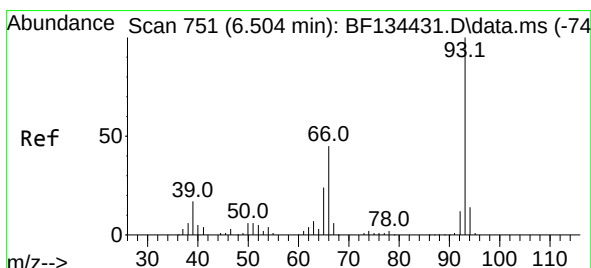
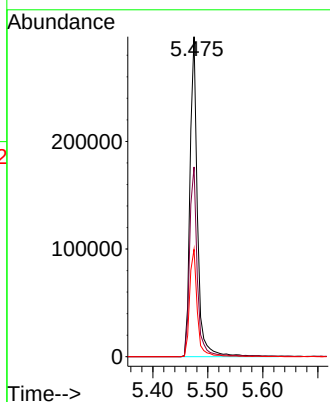
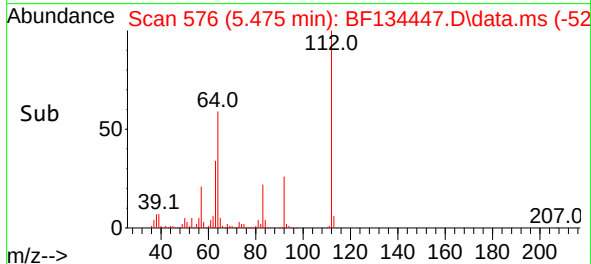
Instrument :
BNA_F
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TP-3MS



Tgt Ion:112 Resp: 279229
Ion Ratio Lower Upper
112 100
64 59.3 44.9 67.3
63 33.6 25.4 38.0

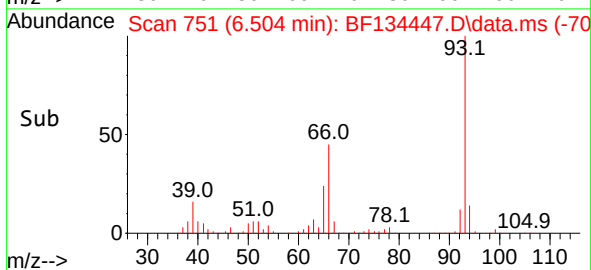
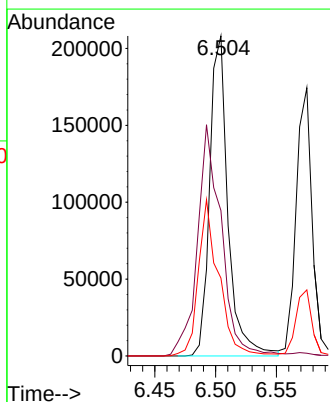
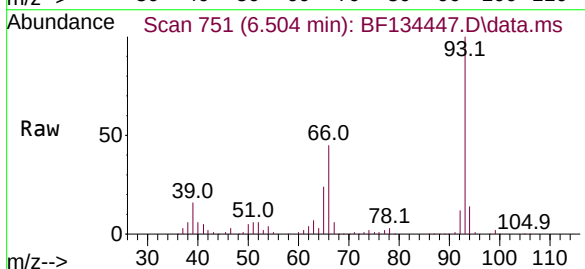
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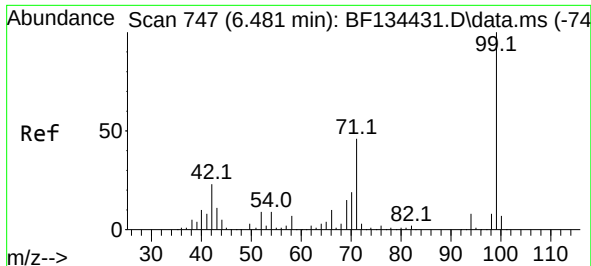
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#6
Aniline
Concen: 37.071 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

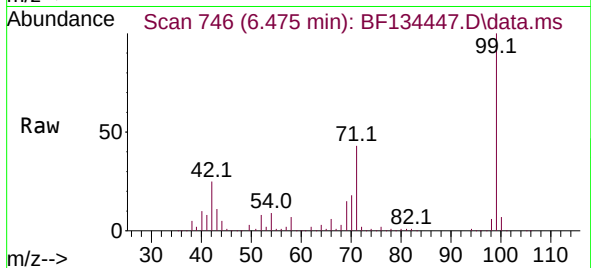
Tgt Ion: 93 Resp: 216955
Ion Ratio Lower Upper
93 100
66 45.5 36.8 55.2
65 24.4 19.4 29.0





#7
Phenol-d6
Concen: 59.662 ng
RT: 6.475 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

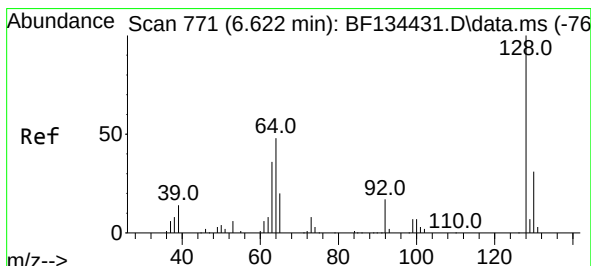
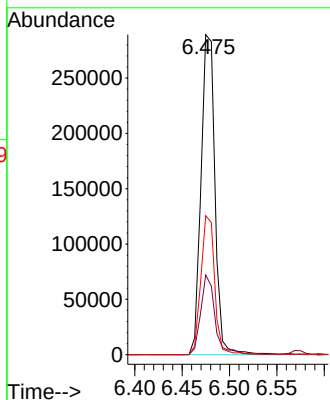
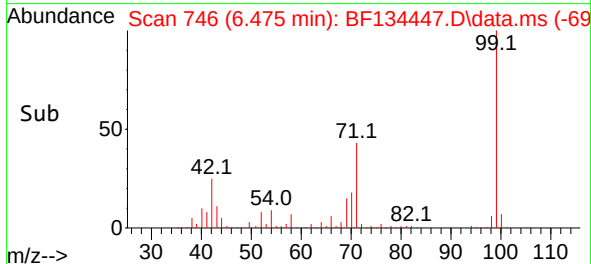
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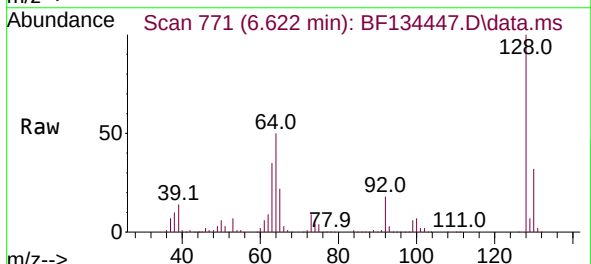
Tgt Ion: 99 Resp: 296259
Ion Ratio Lower Upper
99 100
42 24.9 18.7 28.1
71 43.5 36.4 54.6

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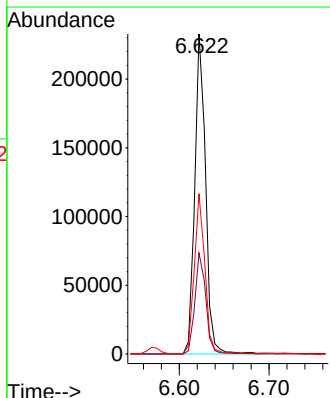
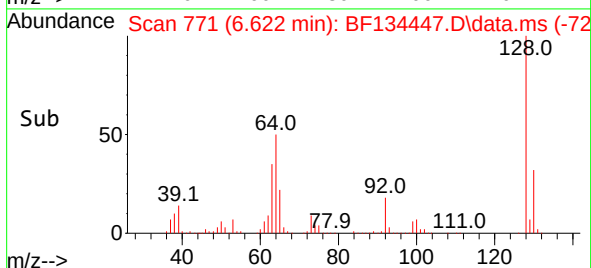
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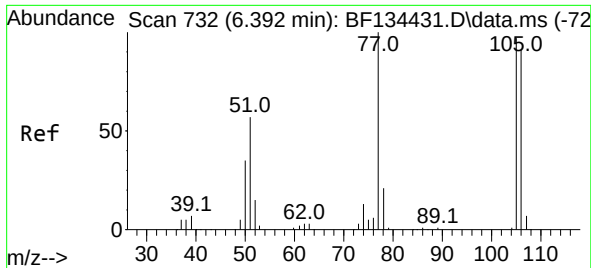


#8
2-Chlorophenol
Concen: 47.665 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00



Tgt Ion:128 Resp: 195707
Ion Ratio Lower Upper
128 100
130 31.6 11.1 51.1
64 50.1 31.9 71.9





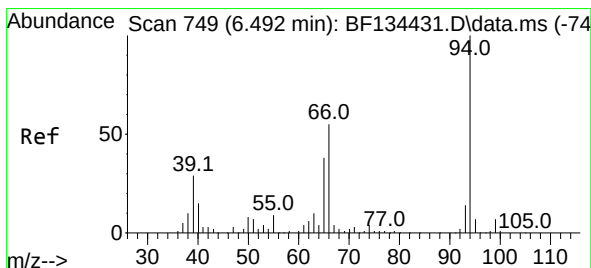
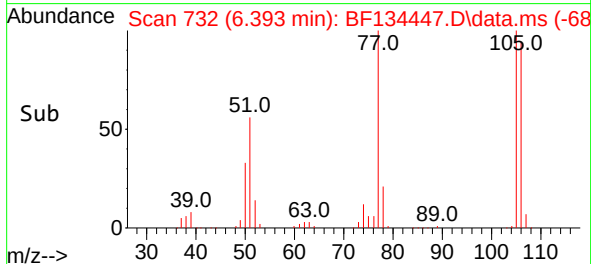
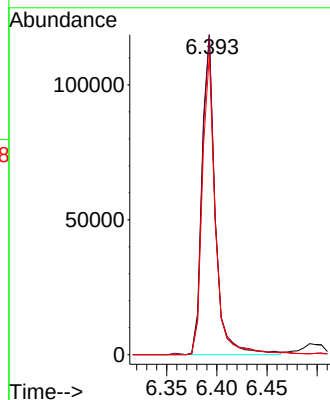
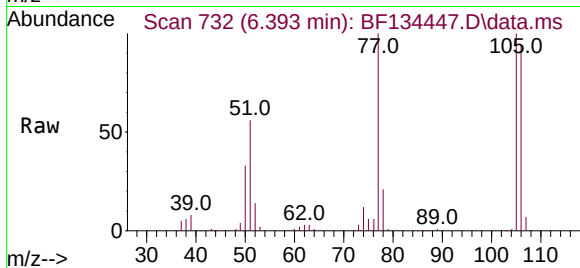
#9
Benzaldehyde
Concen: 40.938 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.001 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 77 Resp: 10886
Ion Ratio Lower Upper
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105 99.7 77.1 117.1
106 93.8 71.4 111.4

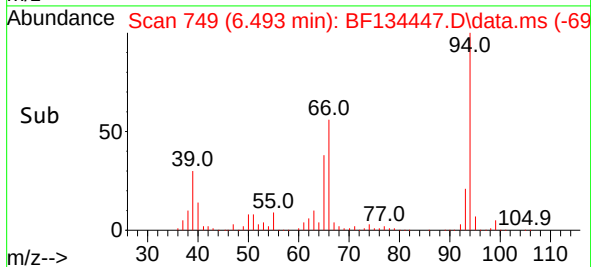
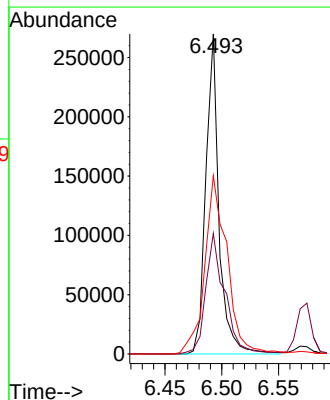
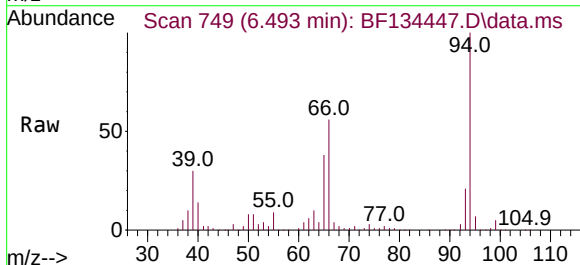
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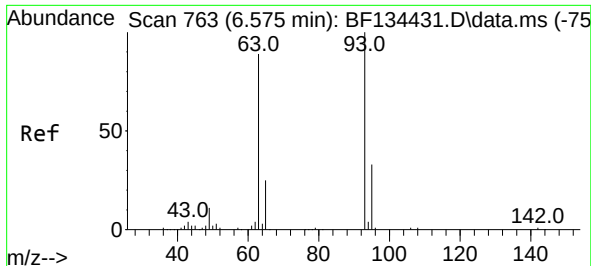
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#10
Phenol
Concen: 42.000 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

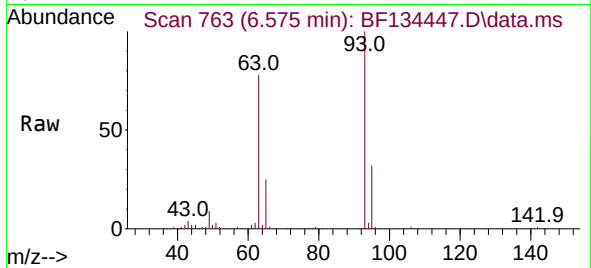
Tgt Ion: 94 Resp: 216994
Ion Ratio Lower Upper
94 100
65 37.7 17.8 57.8
66 55.7 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 43.962 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

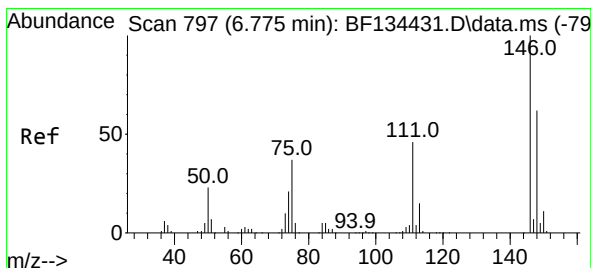
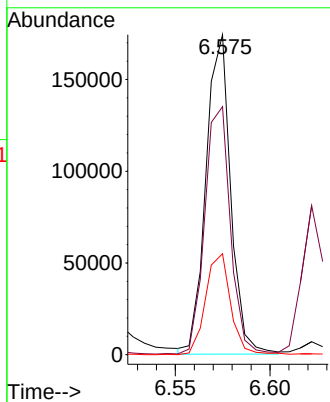
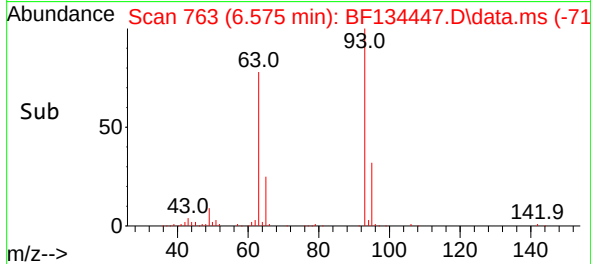
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion: 93 Resp: 158560
Ion Ratio Lower Upper
93 100
63 77.5 68.4 108.4
95 31.6 12.4 52.4

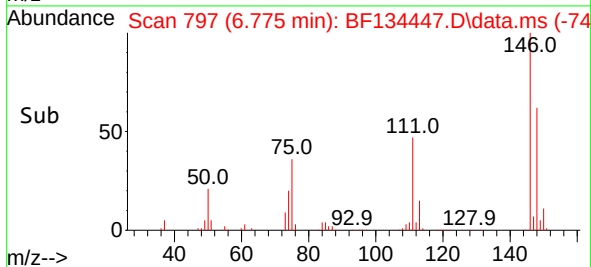
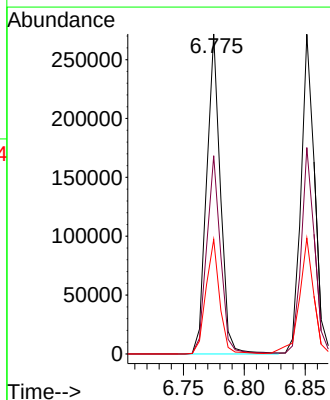
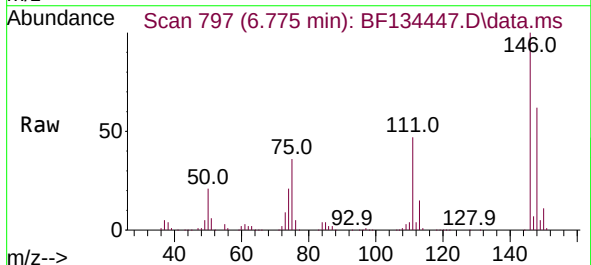
Manual Integrations
APPROVED

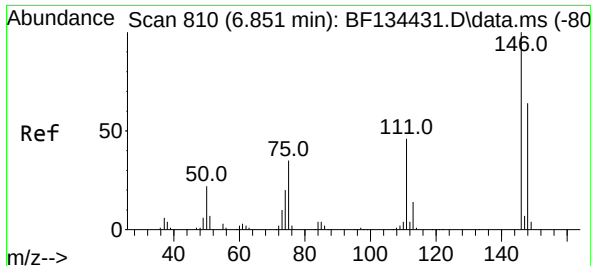
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#12
1,3-Dichlorobenzene
Concen: 48.364 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Tgt Ion:146 Resp: 213539
Ion Ratio Lower Upper
146 100
148 61.9 49.7 74.5
75 35.8 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 46.756 ng

RT: 6.851 min Scan# 810

Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:146 Resp: 21244

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

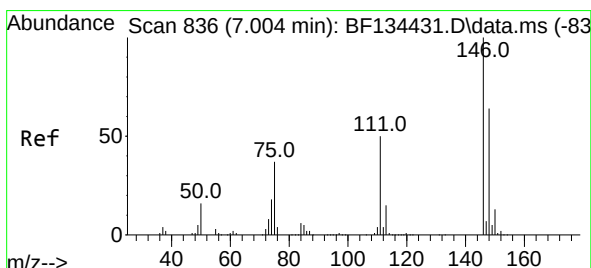
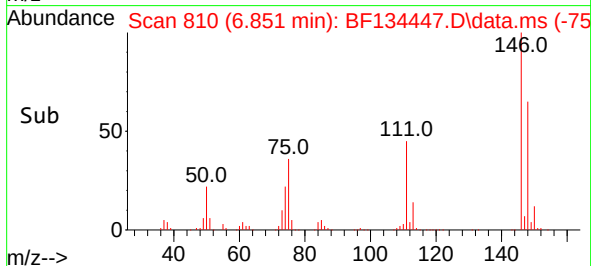
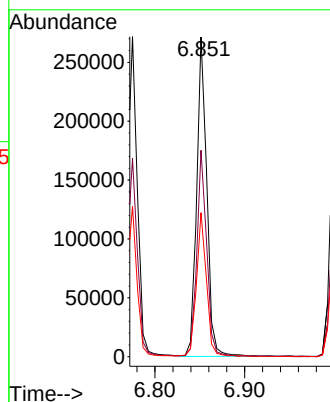
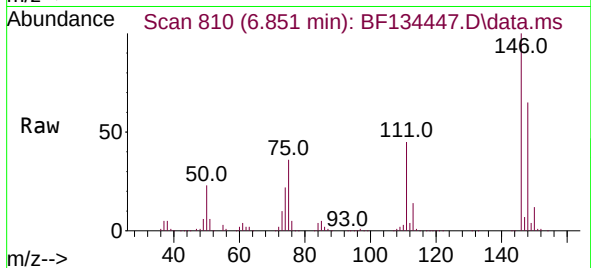
111 45.0 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#14

1,2-Dichlorobenzene

Concen: 47.800 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

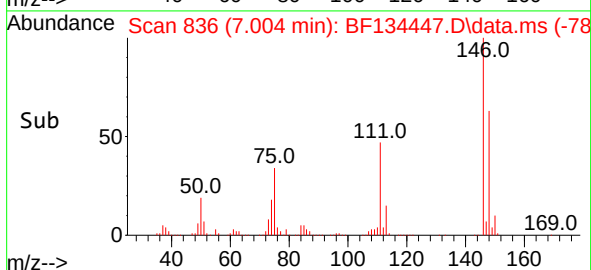
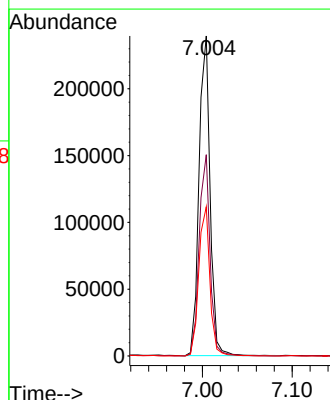
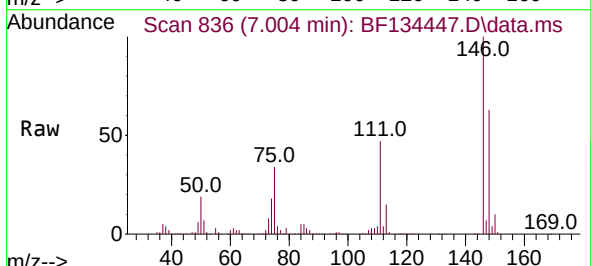
Tgt Ion:146 Resp: 204018

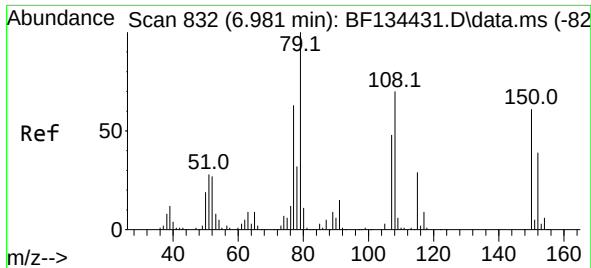
Ion Ratio Lower Upper

146 100

148 62.9 51.2 76.8

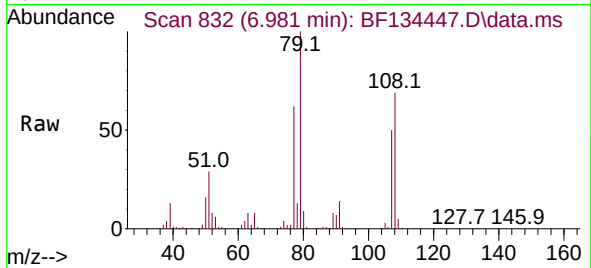
111 46.6 39.9 59.9





#15
Benzyl Alcohol
Concen: 47.329 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

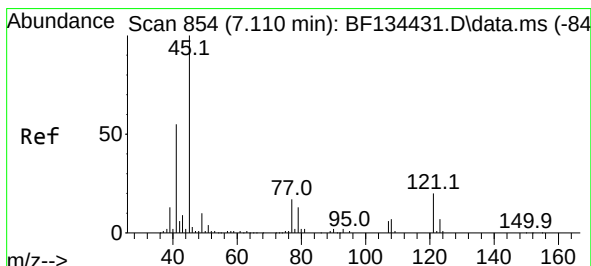
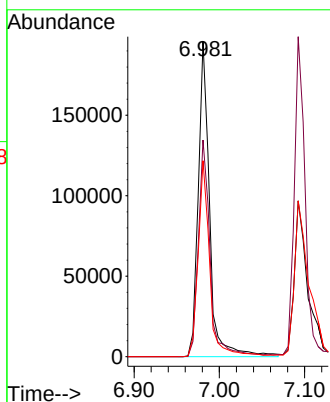
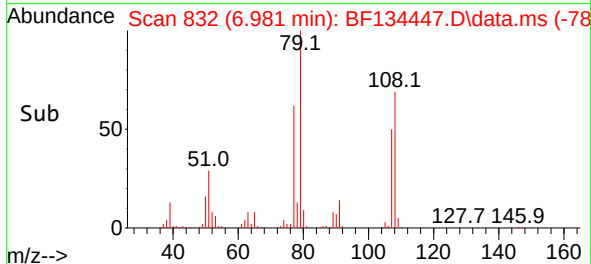
Instrument :
BNA_F
ClientSampleId :
TP-3MS



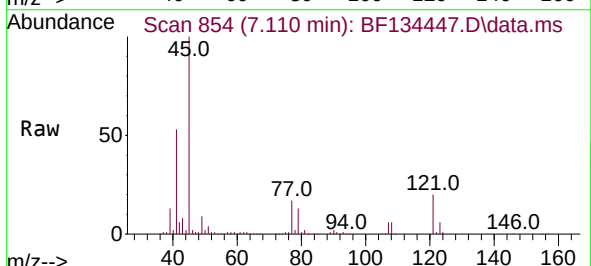
Tgt Ion: 79 Resp: 181456
Ion Ratio Lower Upper
79 100
108 68.7 56.3 84.5
77 62.2 50.6 76.0

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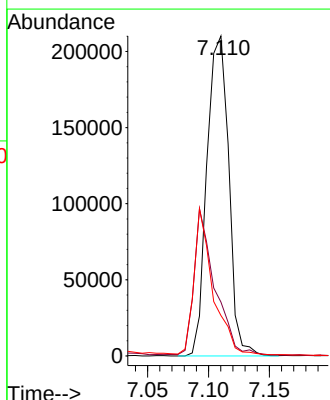
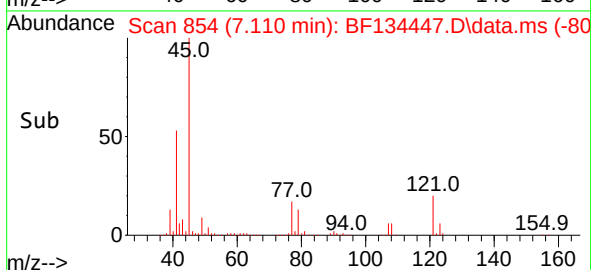
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

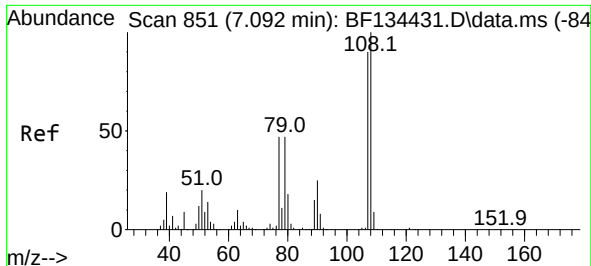


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.415 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00



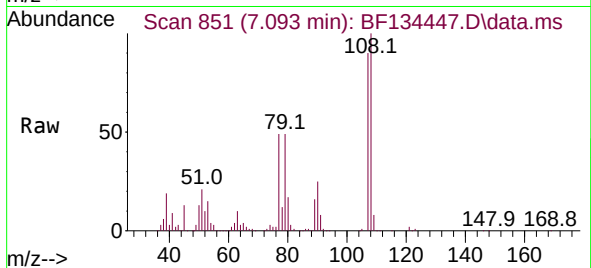
Tgt Ion: 45 Resp: 262461
Ion Ratio Lower Upper
45 100
77 16.8 0.0 37.8
79 12.6 0.0 34.5





#17
2-Methylphenol
Concen: 43.625 ng
RT: 7.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

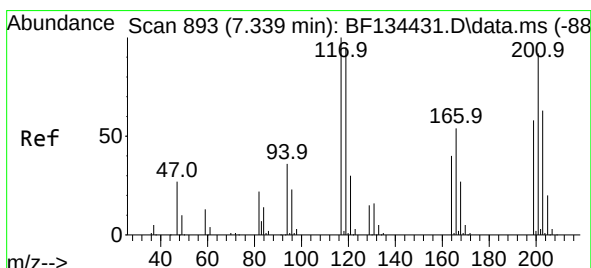
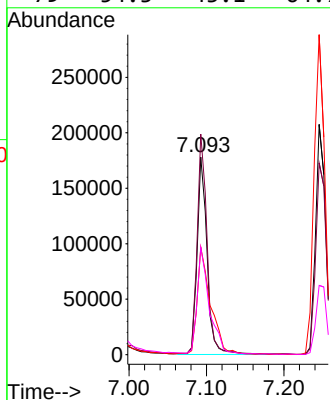
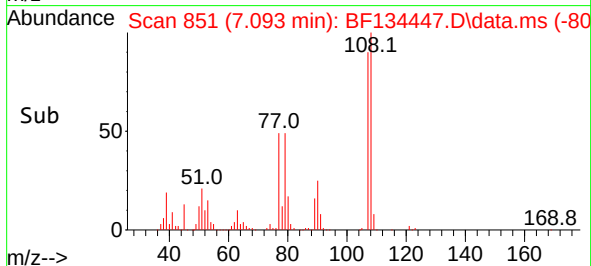
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:107 Resp: 159748
Ion Ratio Lower Upper
107 100
108 111.6 89.4 134.2
77 54.3 42.4 63.6
79 54.3 43.1 64.7

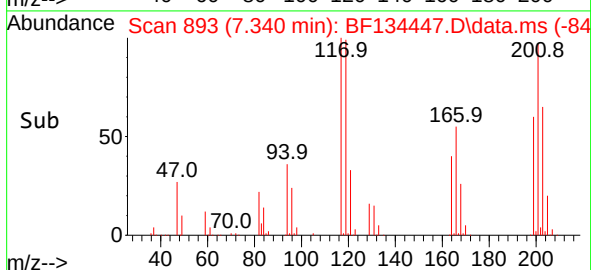
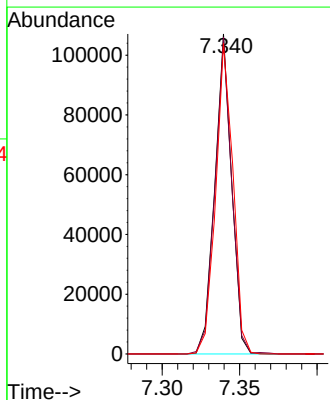
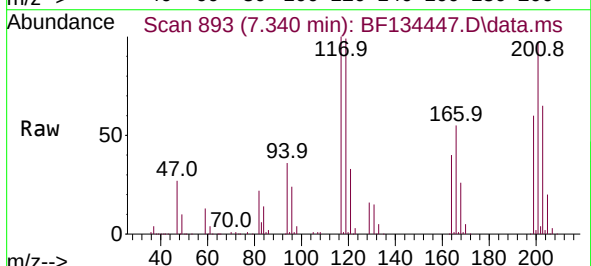
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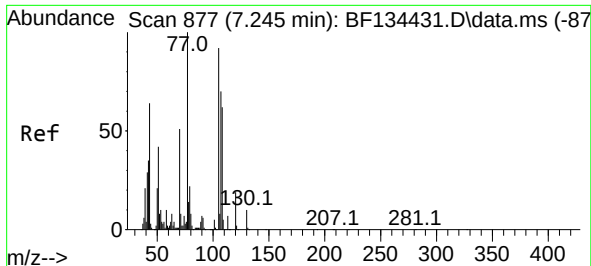
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#18
Hexachloroethane
Concen: 46.123 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Tgt Ion:117 Resp: 80514
Ion Ratio Lower Upper
117 100
119 98.9 75.8 113.8
201 97.0 73.6 110.4





#19

n-Nitroso-di-n-propylamine

Concen: 43.363 ng

RT: 7.245 min Scan# 877

Delta R.T. 0.000 min

Lab File: BF134447.D

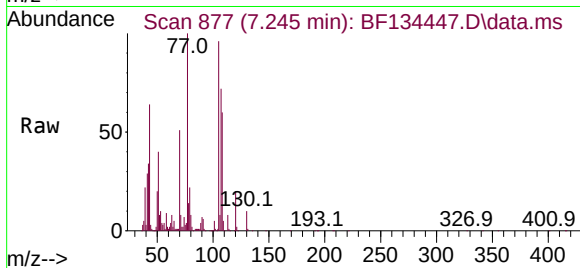
Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS



Tgt Ion: 70 Resp: 134040

Ion Ratio Lower Upper

70 100

42 67.6 54.7 82.1

101 9.8 8.2 12.2

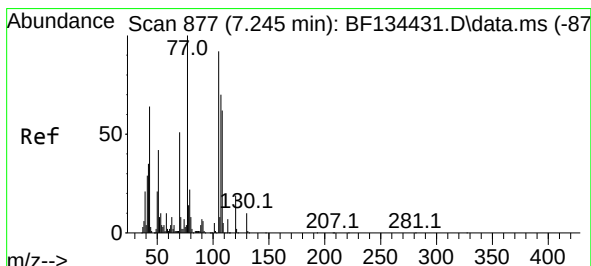
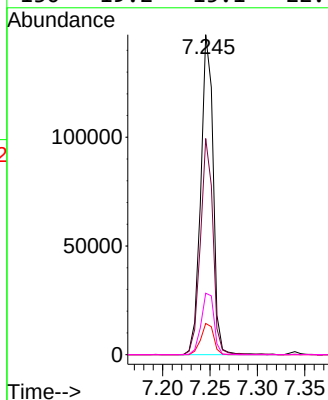
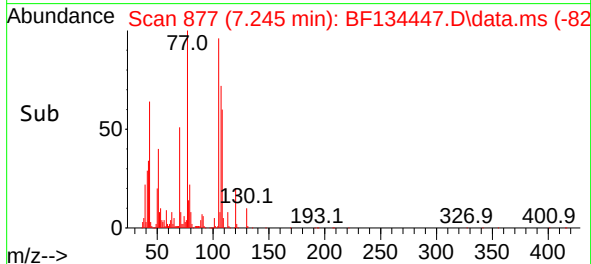
130 19.2 15.1 22.7

Manual Integrations

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Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#20

3+4-Methylphenols

Concen: 42.555 ng

RT: 7.245 min Scan# 877

Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Tgt Ion:107 Resp: 199512

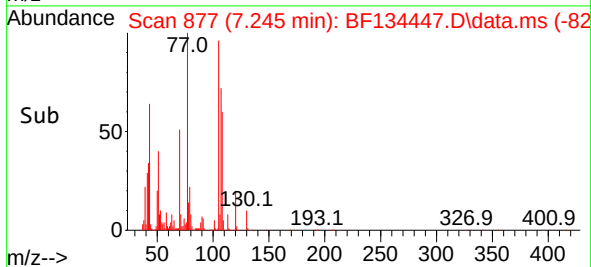
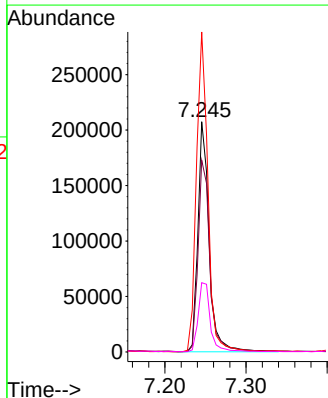
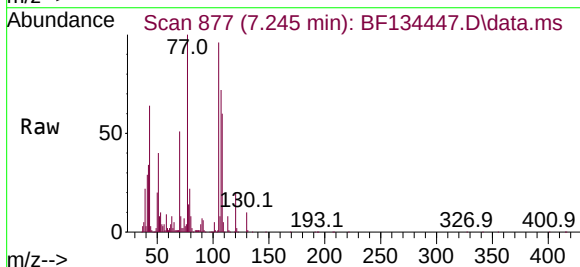
Ion Ratio Lower Upper

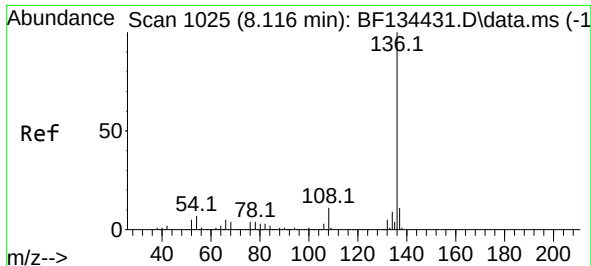
107 100

108 83.3 68.1 108.1

77 139.0 122.1 162.1

79 30.1 11.0 51.0





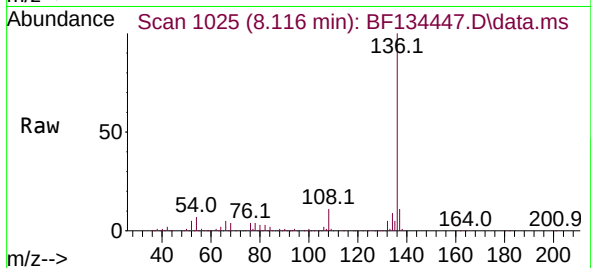
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS

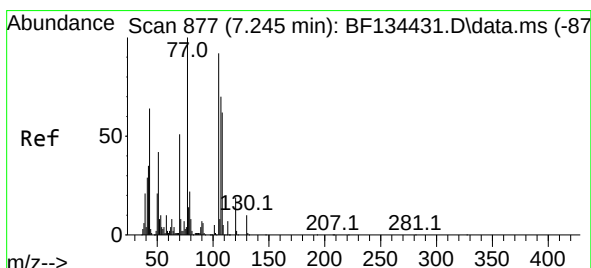
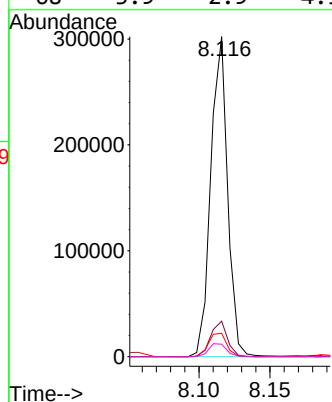
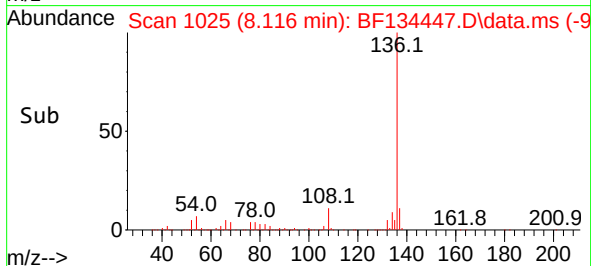


Tgt Ion:136 Resp: 249973
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.3 5.2 7.8
68 3.9 2.9 4.3

Manual Integrations

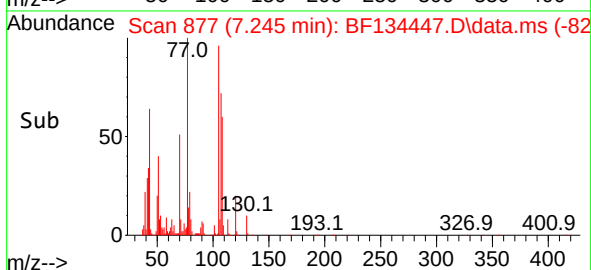
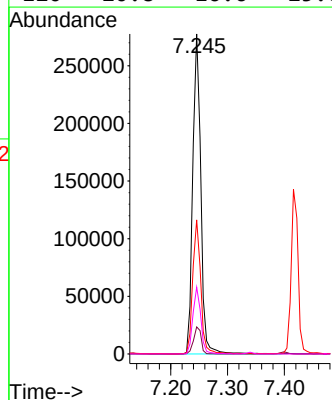
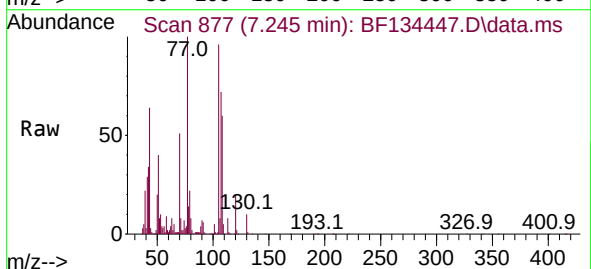
APPROVED

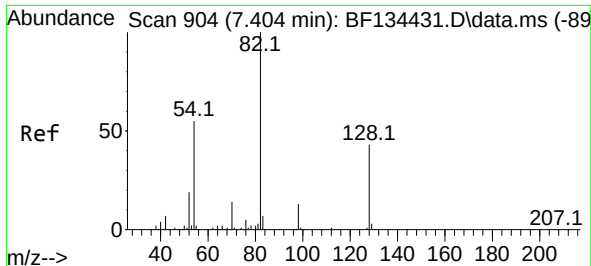
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#22
Acetophenone
Concen: 44.100 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Tgt Ion:105 Resp: 274164
Ion Ratio Lower Upper
105 100
71 8.4 7.4 11.0
51 41.9 36.4 54.6
120 20.8 16.6 25.0





#23

Nitrobenzene-d5

Concen: 43.394 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

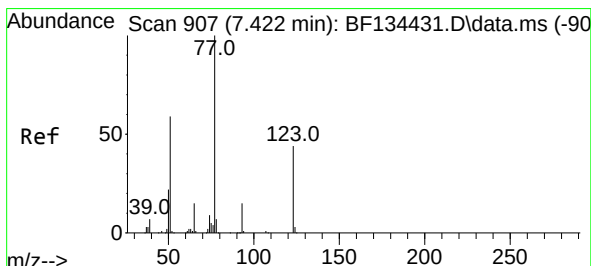
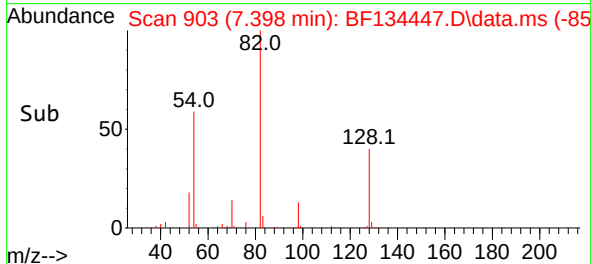
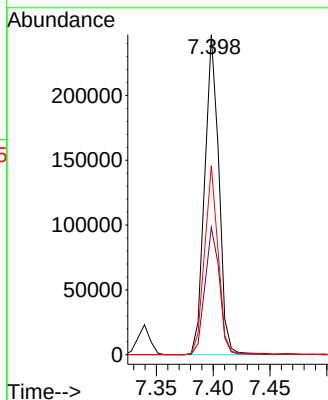
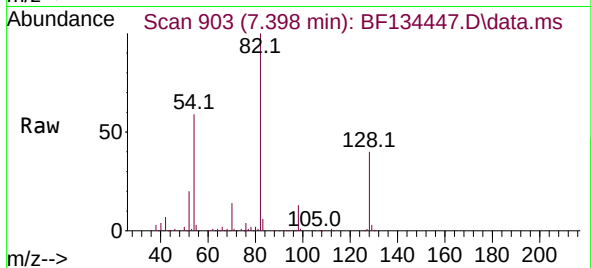
ClientSampleId :

TP-3MS

Tgt Ion: 82 Resp: 214397
 Ion Ratio Lower Upper
 82 100
 128 39.8 34.3 51.5
 54 59.1 43.8 65.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023



#24

Nitrobenzene

Concen: 41.199 ng

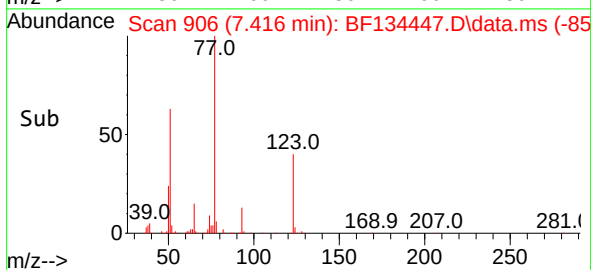
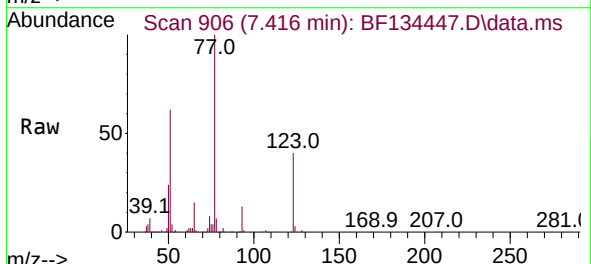
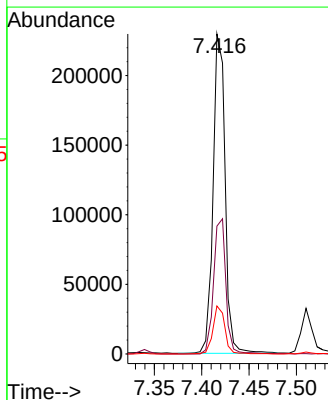
RT: 7.416 min Scan# 906

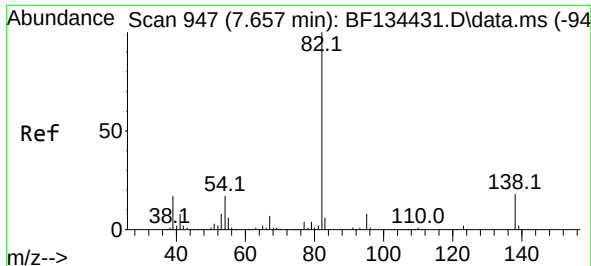
Delta R.T. -0.006 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Tgt Ion: 77 Resp: 202436
 Ion Ratio Lower Upper
 77 100
 123 39.9 35.5 53.3
 65 15.0 11.9 17.9





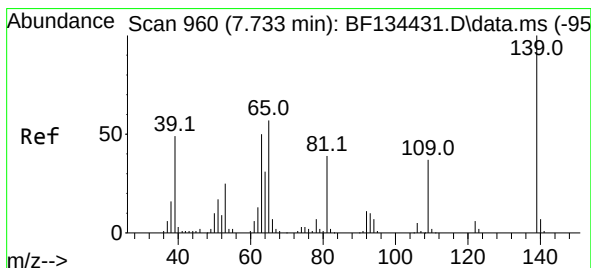
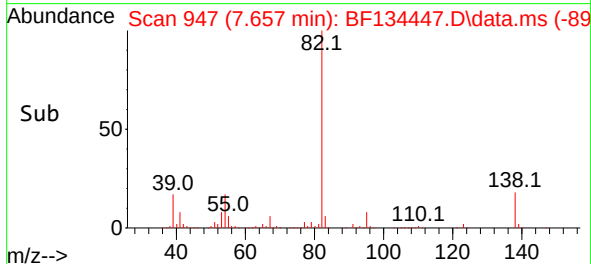
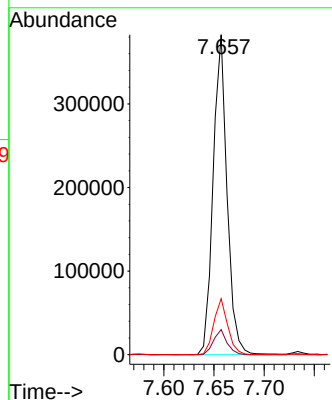
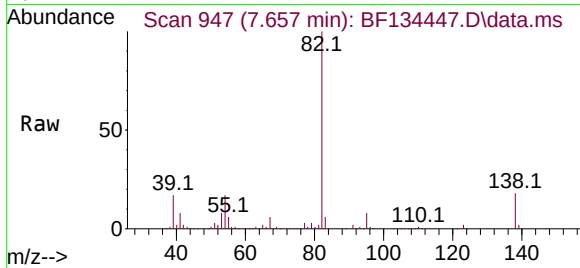
#25
Isophorone
Concen: 44.874 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 82 Resp: 36950
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 17.5 14.6 22.0

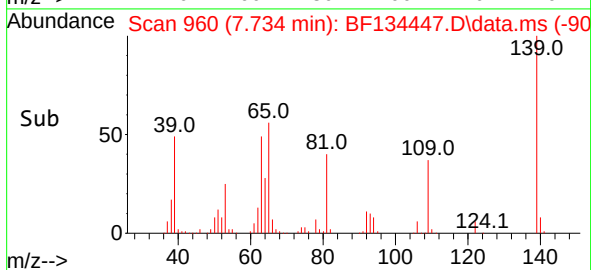
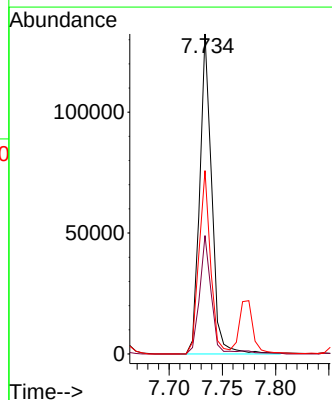
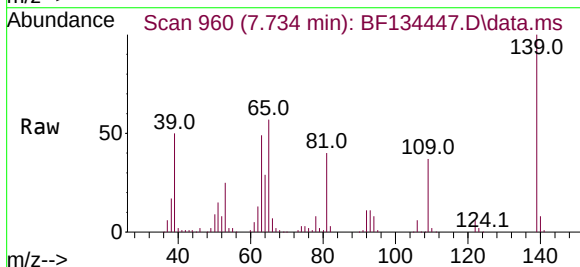
Manual Integrations
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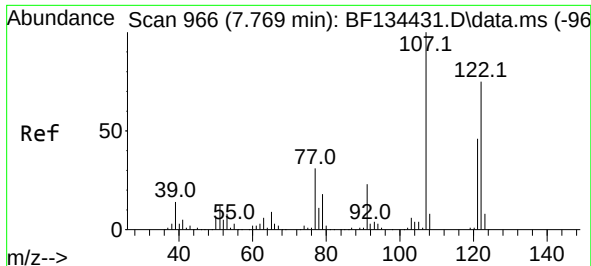
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#26
2-Nitrophenol
Concen: 46.172 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Tgt Ion:139 Resp: 104347
Ion Ratio Lower Upper
139 100
109 37.0 29.8 44.6
65 57.3 45.4 68.2





#27
2,4-Dimethylphenol
Concen: 46.668 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.006 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

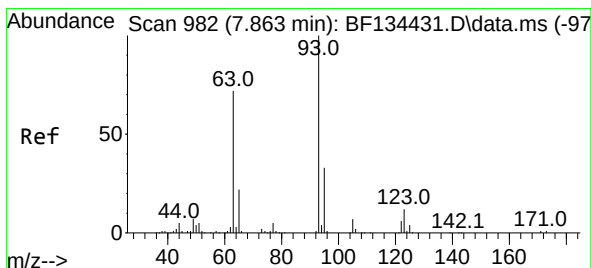
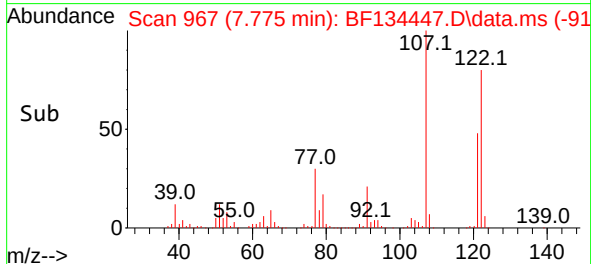
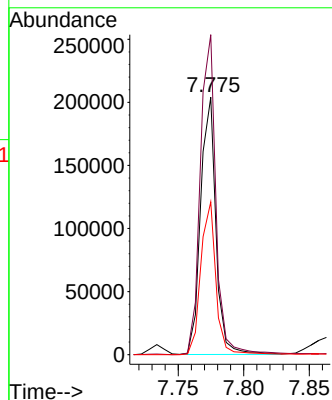
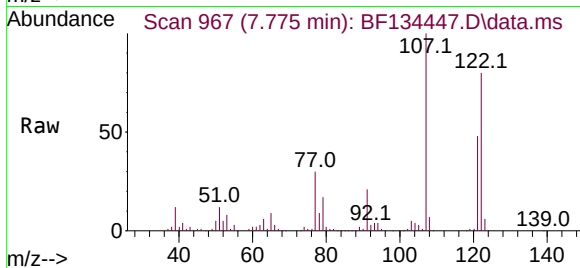
TP-3MS

Tgt Ion:122 Resp: 166438
Ion Ratio Lower Upper
122 100
107 124.3 106.7 160.1
121 59.3 49.0 73.6

Manual Integrations

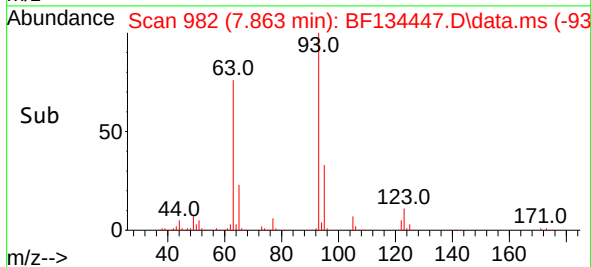
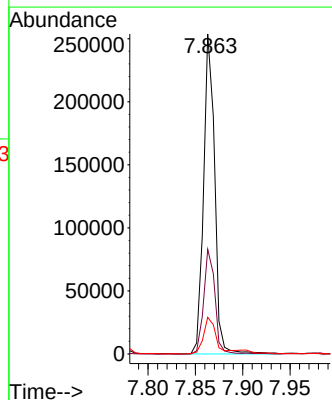
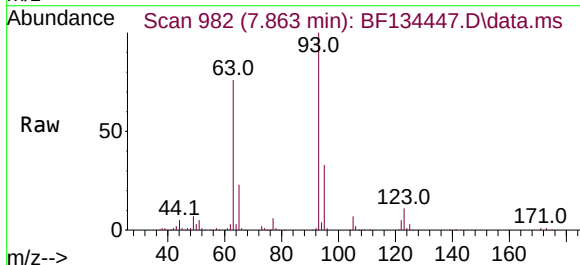
APPROVED

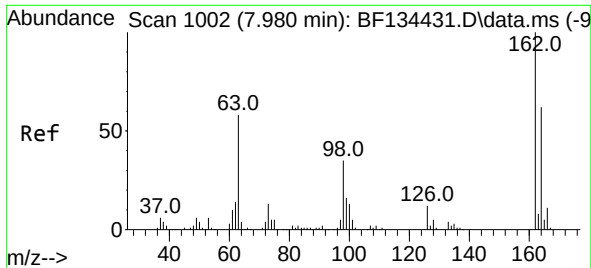
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.400 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Tgt Ion: 93 Resp: 208080
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 44.534 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS

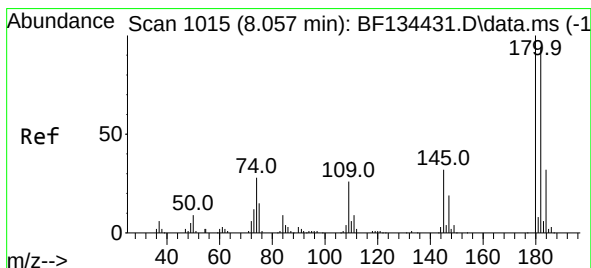
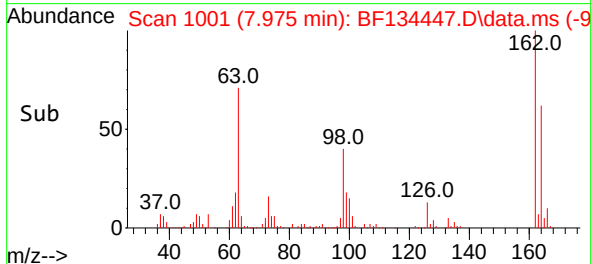
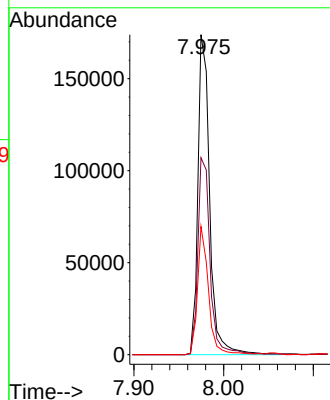
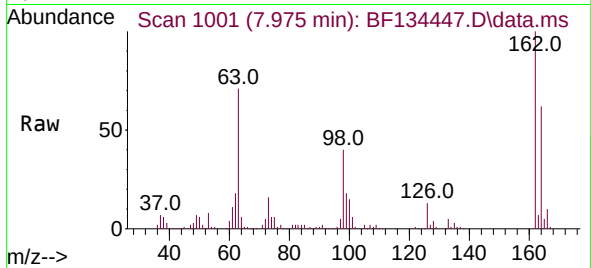
Tgt Ion:162 Resp: 158772
 Ion Ratio Lower Upper
 162 100
 164 61.5 42.2 82.2
 98 40.0 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.125 ng

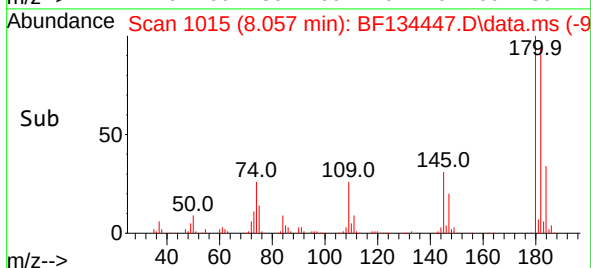
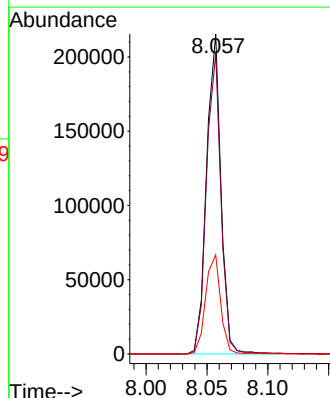
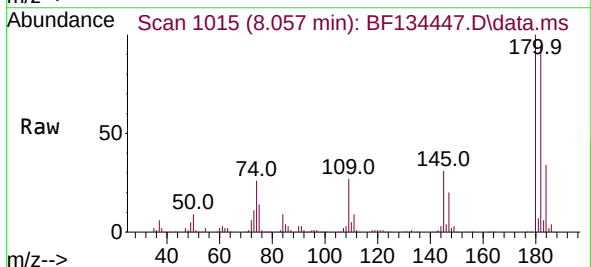
RT: 8.057 min Scan# 1015

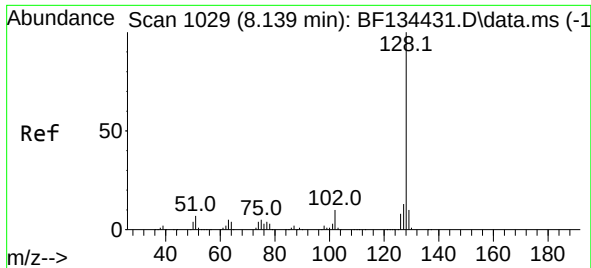
Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

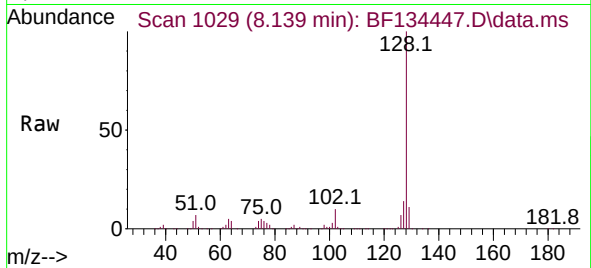
Tgt Ion:180 Resp: 177382
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.0 112.6
 145 30.9 25.5 38.3





#31
Naphthalene
Concen: 44.107 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

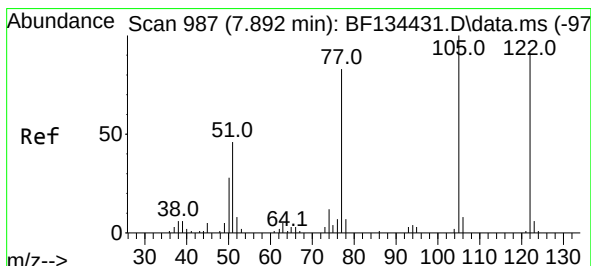
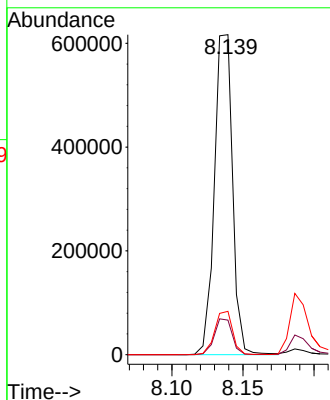
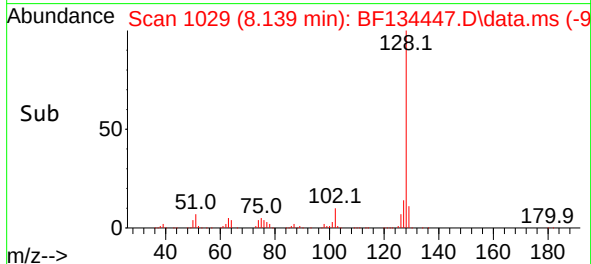
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:128 Resp: 548720
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.6 10.7 16.1

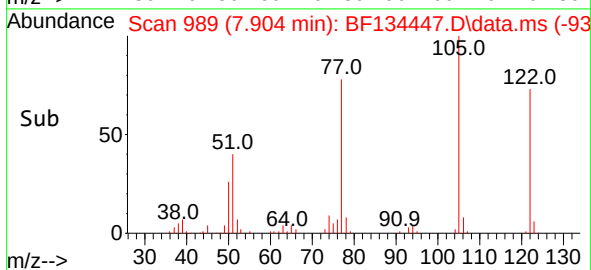
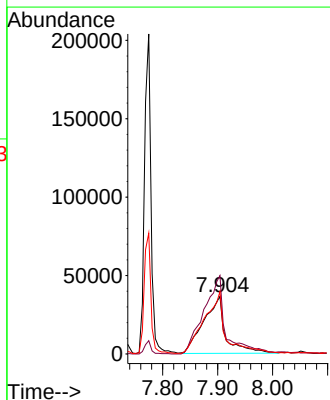
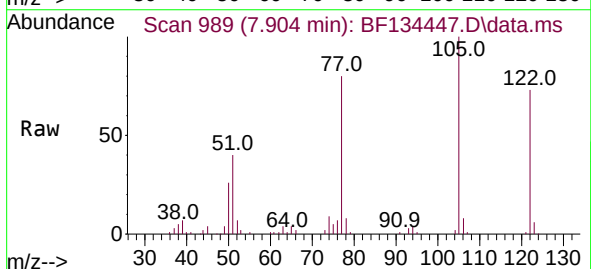
Manual Integrations
APPROVED

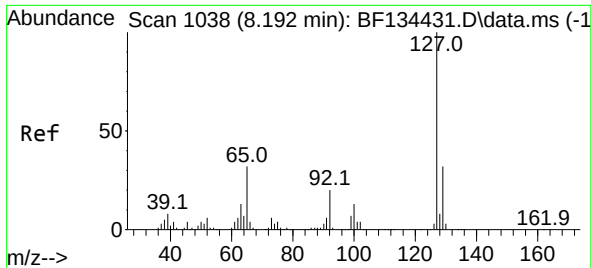
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#32
Benzoic acid
Concen: 42.941 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Tgt Ion:122 Resp: 102297
Ion Ratio Lower Upper
122 100
105 136.5 87.5 127.5#
77 108.7 71.4 111.4





#33
4-Chloroaniline
Concen: 23.450 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

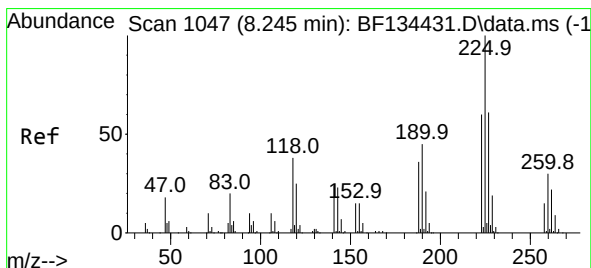
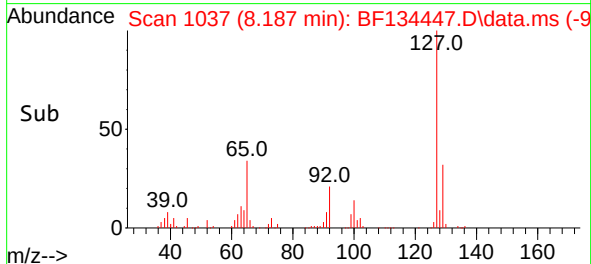
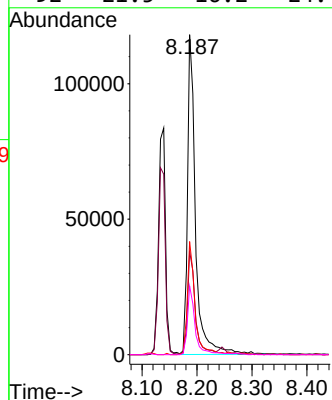
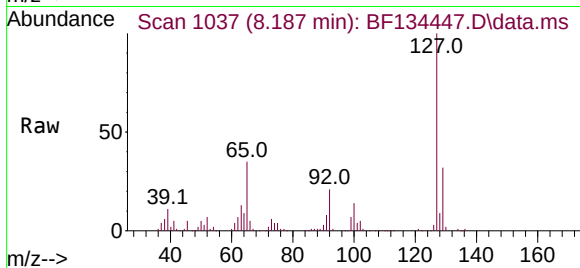
TP-3MS

Tgt Ion:127 Resp: 12059
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4
65 35.4 25.4 38.0
92 21.5 16.2 24.4

Manual Integrations

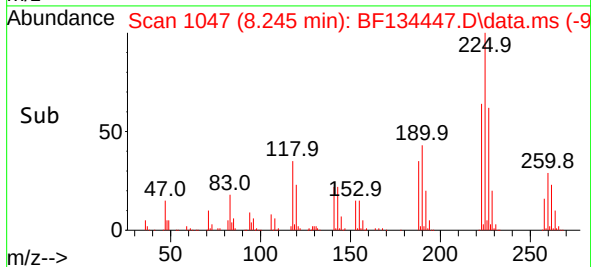
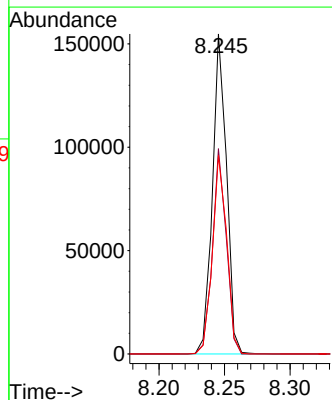
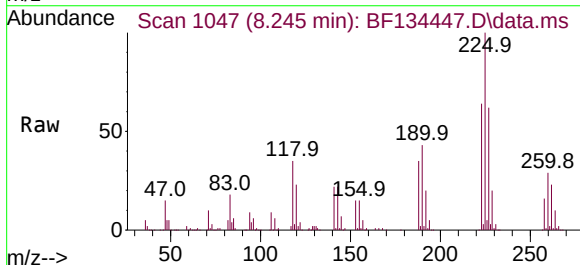
APPROVED

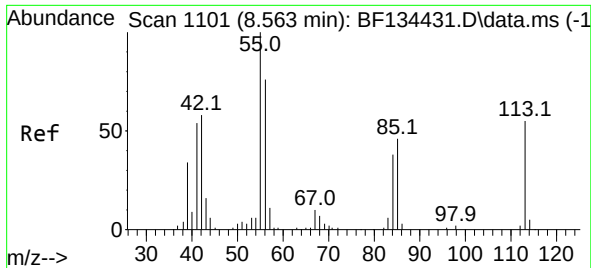
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#34
Hexachlorobutadiene
Concen: 44.897 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

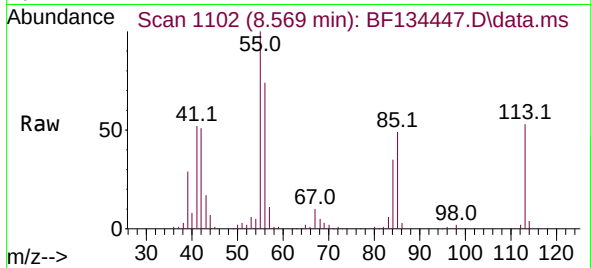
Tgt Ion:225 Resp: 115667
Ion Ratio Lower Upper
225 100
223 64.2 48.2 72.4
227 62.0 48.5 72.7





#35
Caprolactam
Concen: 48.789 ng m
RT: 8.569 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

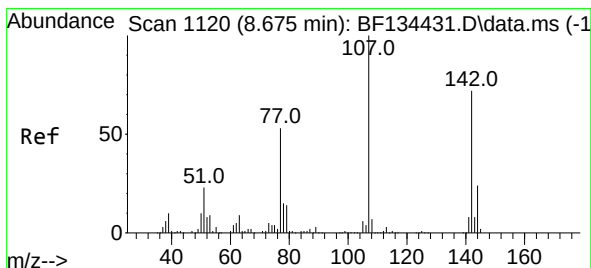
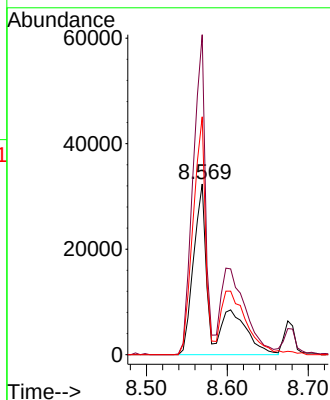
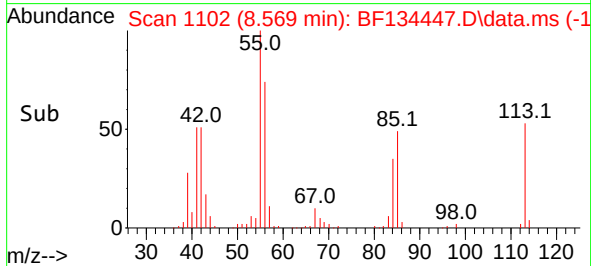
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:113 Resp: 5318
Ion Ratio Lower Upper
113 100
55 187.5 161.5 201.5
56 139.4 117.8 157.8

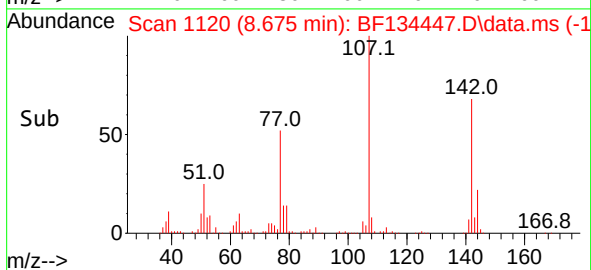
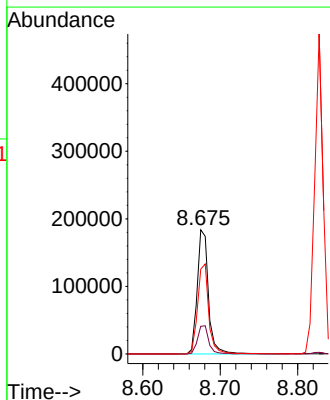
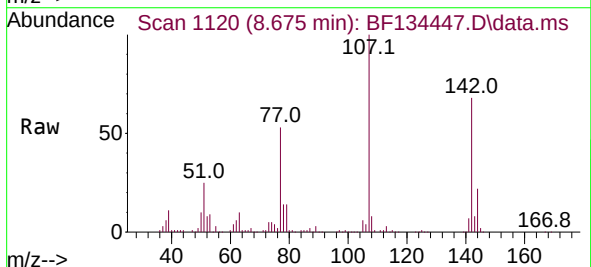
Manual Integrations
APPROVED

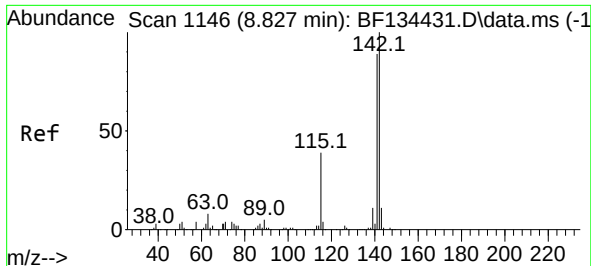
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#36
4-Chloro-3-methylphenol
Concen: 44.943 ng
RT: 8.675 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Tgt Ion:107 Resp: 184880
Ion Ratio Lower Upper
107 100
144 22.3 19.6 29.4
142 68.3 57.7 86.5





#37

2-Methylnaphthalene

Concen: 41.786 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:142 Resp: 361204

Ion Ratio Lower Upper

142 100

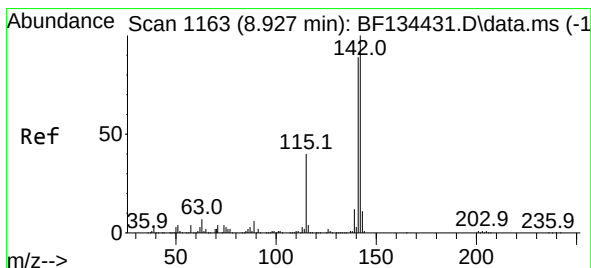
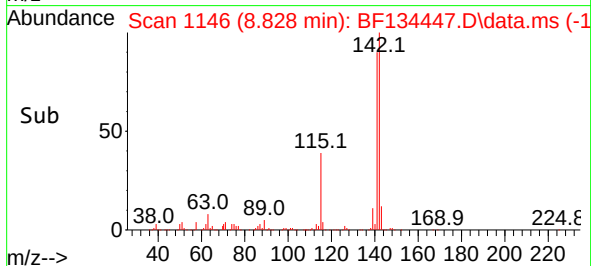
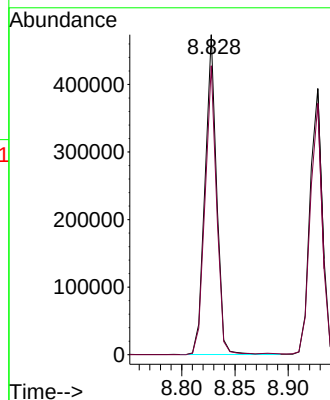
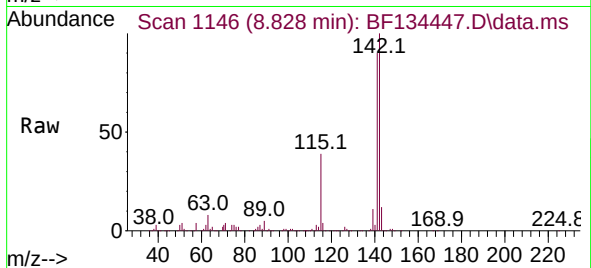
141 90.3 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#38

1-Methylnaphthalene

Concen: 39.163 ng

RT: 8.928 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF134447.D

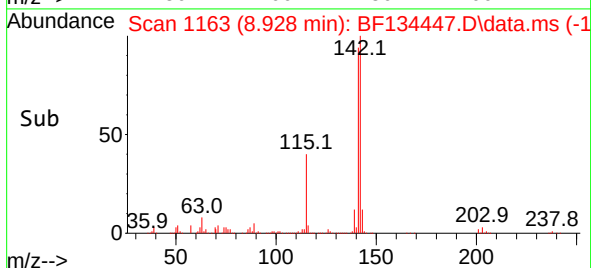
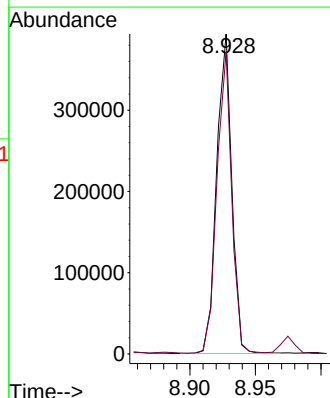
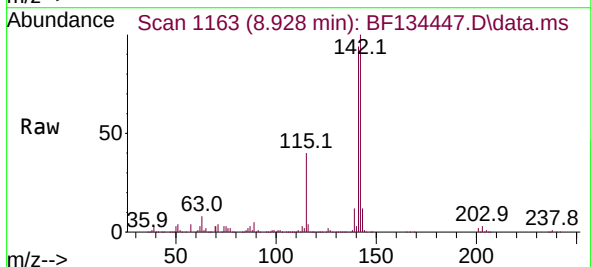
Acq: 25 Jul 2023 01:00

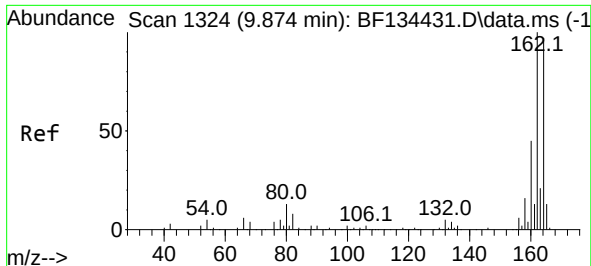
Tgt Ion:142 Resp: 314053

Ion Ratio Lower Upper

142 100

141 94.4 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF134447.D

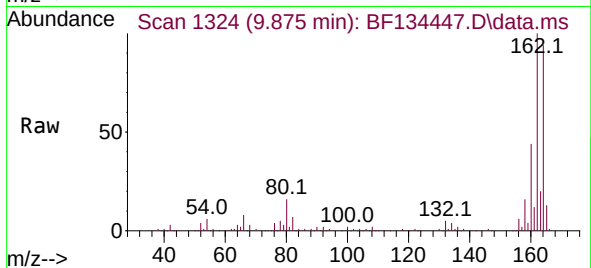
Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS



Tgt Ion:164 Resp: 103464

Ion Ratio Lower Upper

164 100

162 106.8 82.6 123.8

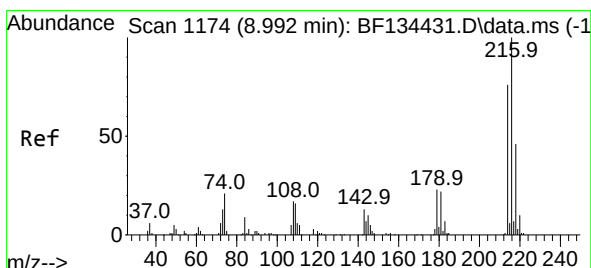
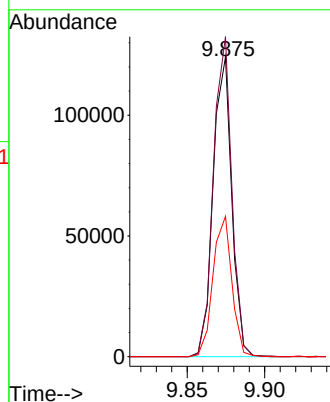
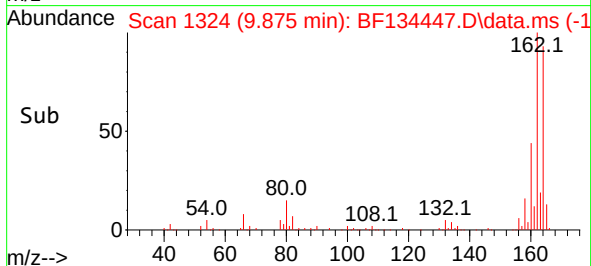
160 46.8 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.145 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Tgt Ion:216 Resp: 154577

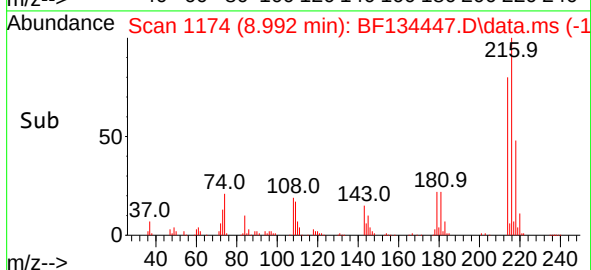
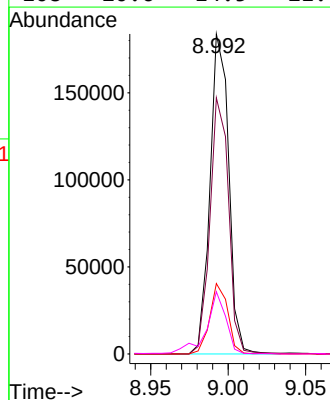
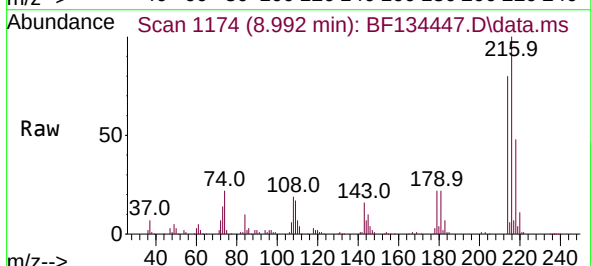
Ion Ratio Lower Upper

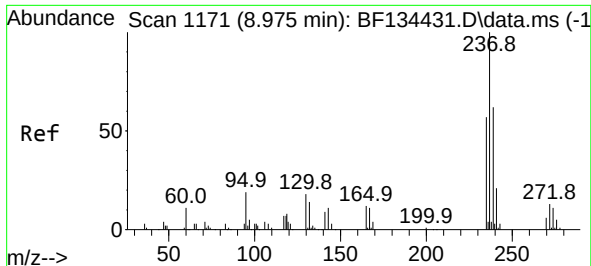
216 100

214 79.8 62.3 93.5

179 21.3 17.4 26.0

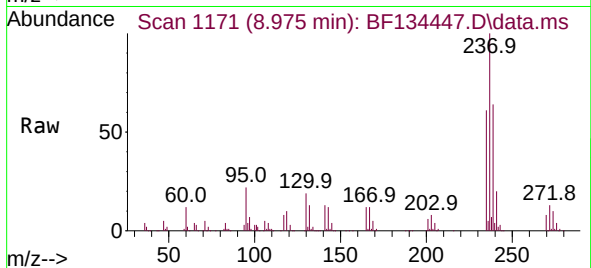
108 20.6 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 101.642 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

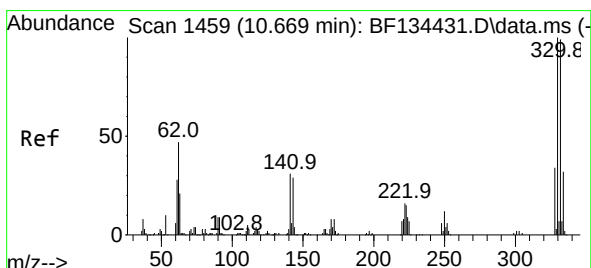
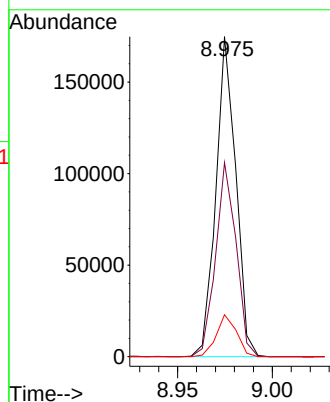
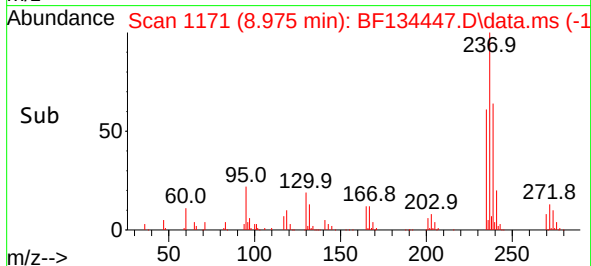
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:237 Resp: 128148
Ion Ratio Lower Upper
237 100
235 60.6 37.0 77.0
272 13.1 0.0 32.7

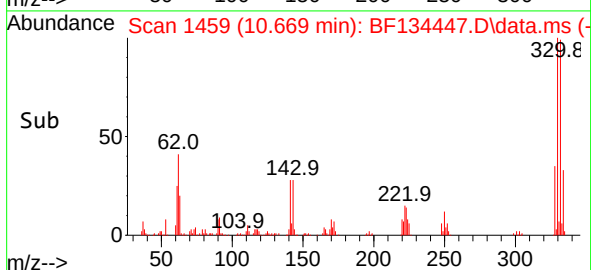
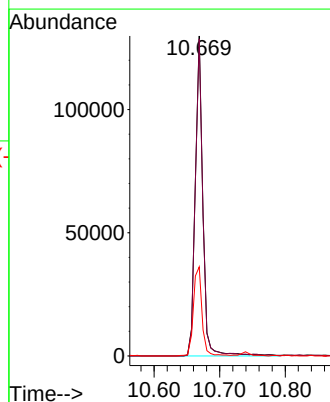
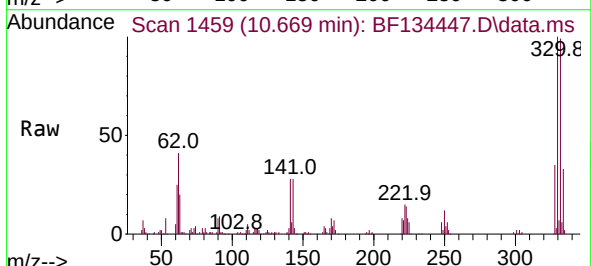
Manual Integrations
APPROVED

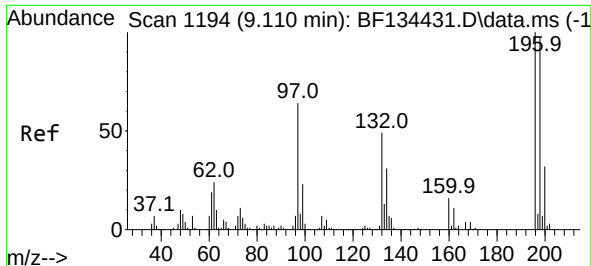
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#42
2,4,6-Tribromophenol
Concen: 71.305 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Tgt Ion:330 Resp: 104821
Ion Ratio Lower Upper
330 100
332 97.7 78.8 118.2
141 31.6 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 46.006 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:196 Resp: 96770

Ion Ratio Lower Upper

196 100

198 97.6 77.4 116.2

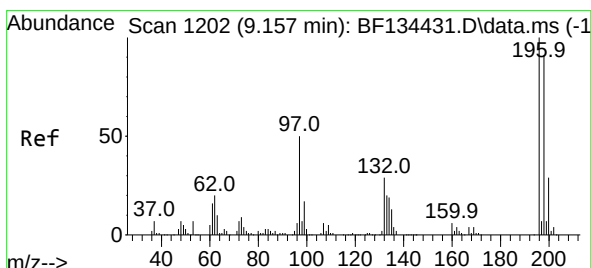
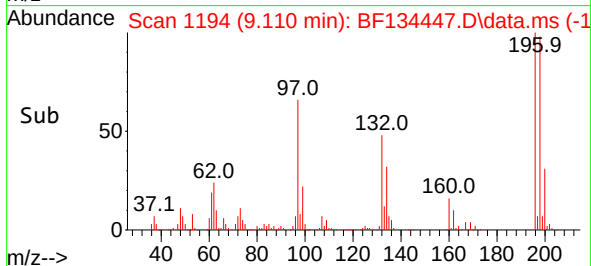
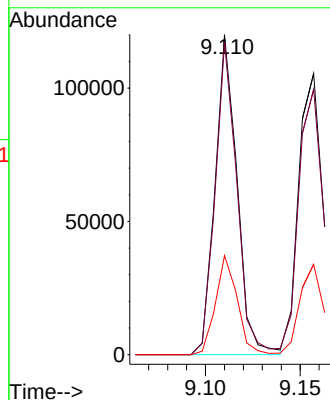
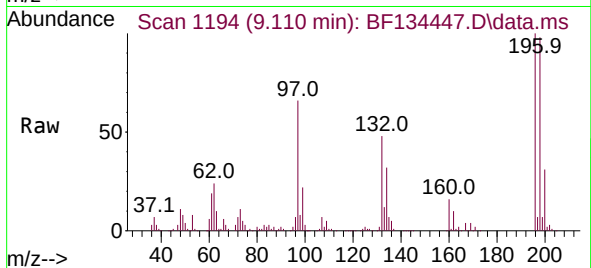
200 31.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#44

2,4,5-Trichlorophenol

Concen: 43.283 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Tgt Ion:196 Resp: 106071

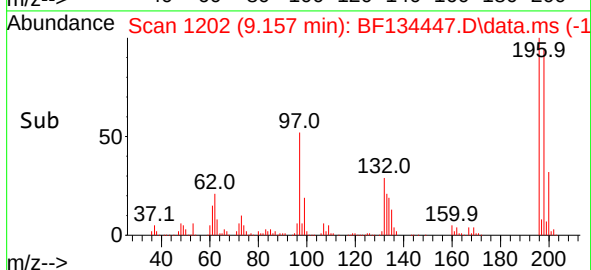
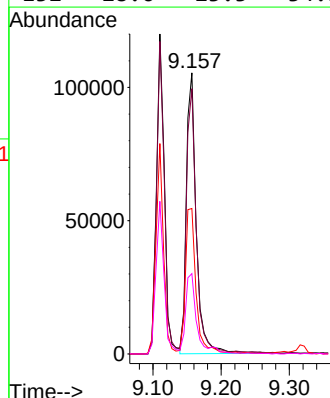
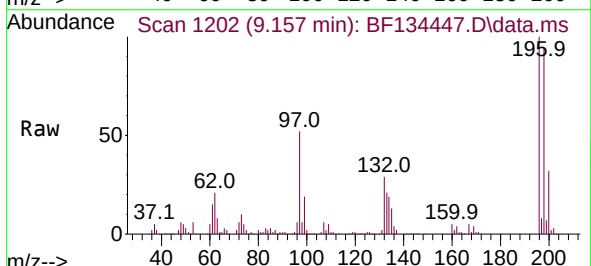
Ion Ratio Lower Upper

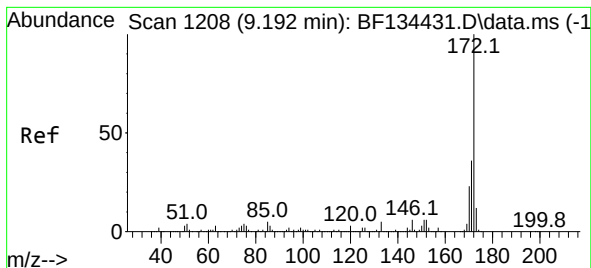
196 100

198 94.4 73.0 109.4

97 51.7 40.8 61.2

132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 44.068 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:172 Resp: 34731

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

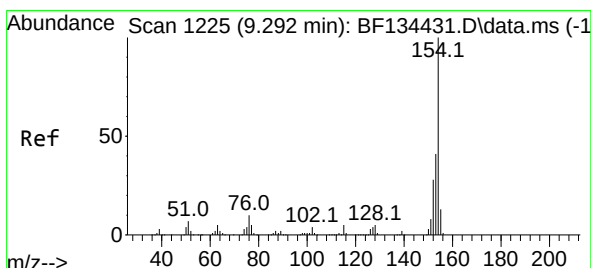
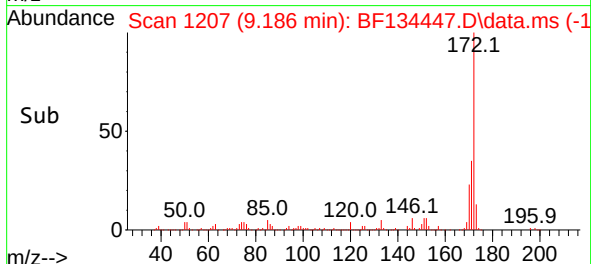
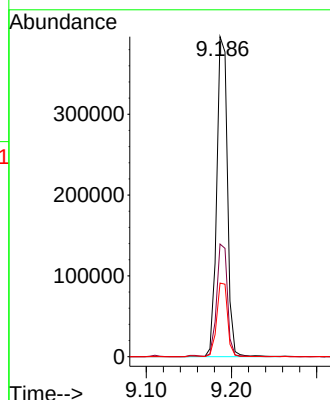
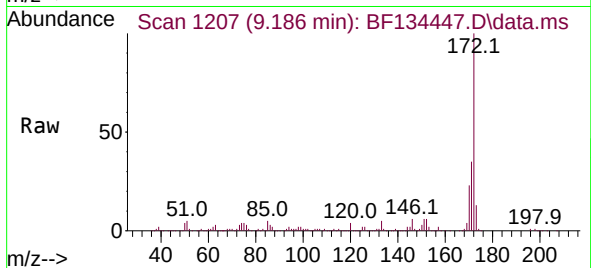
170 23.0 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#46

1,1'-Biphenyl

Concen: 46.434 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

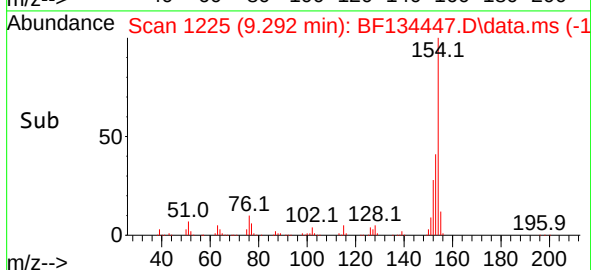
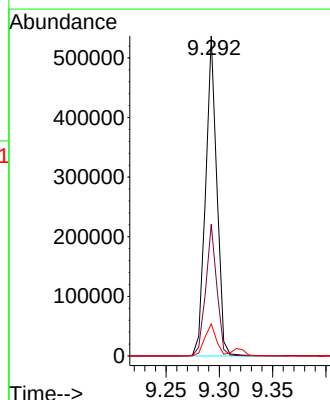
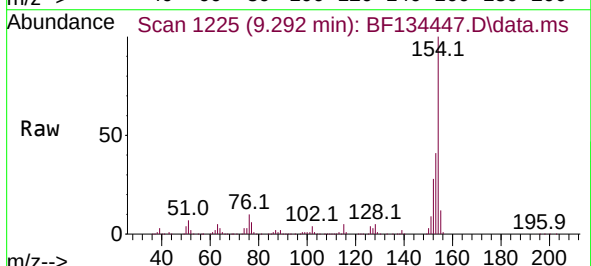
Tgt Ion:154 Resp: 395962

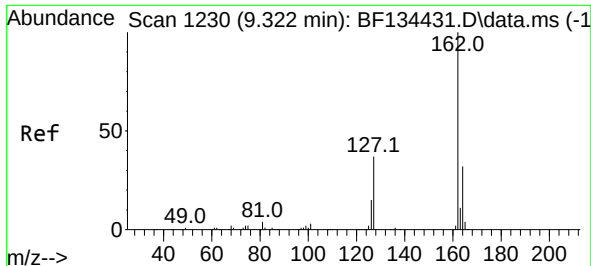
Ion Ratio Lower Upper

154 100

153 41.2 20.8 60.8

76 10.0 0.0 30.2





#47

2-Chloronaphthalene

Concen: 46.841 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

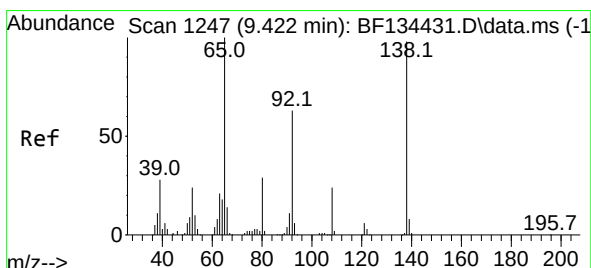
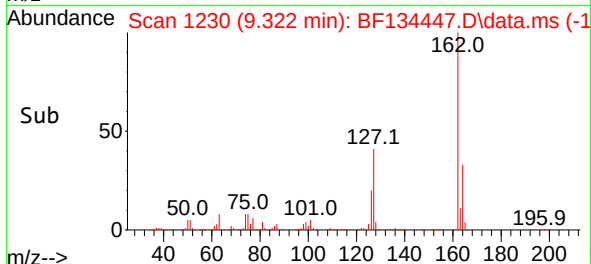
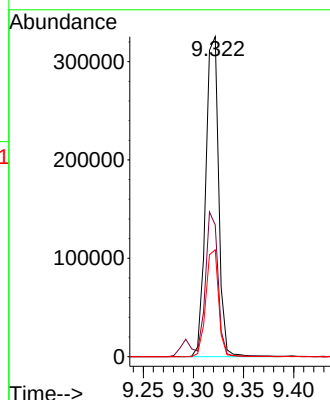
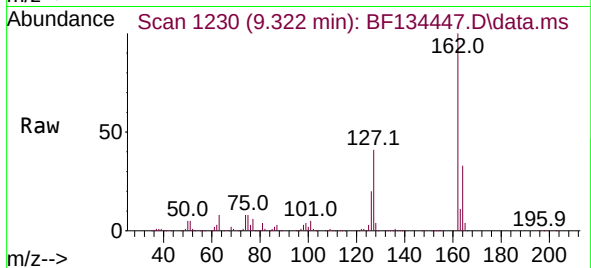
TP-3MS

Tgt Ion:162 Resp: 294470
 Ion Ratio Lower Upper
 162 100
 127 41.2 34.0 51.0
 164 33.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023



#48

2-Nitroaniline

Concen: 46.655 ng

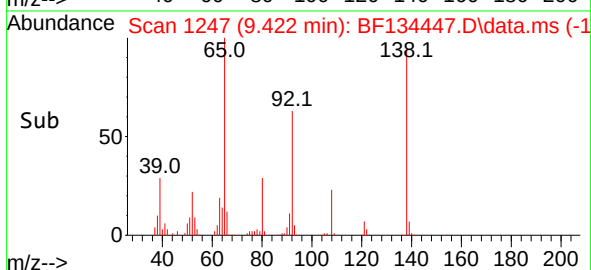
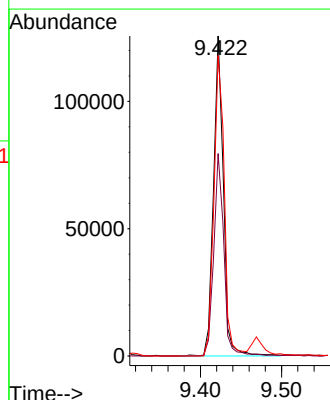
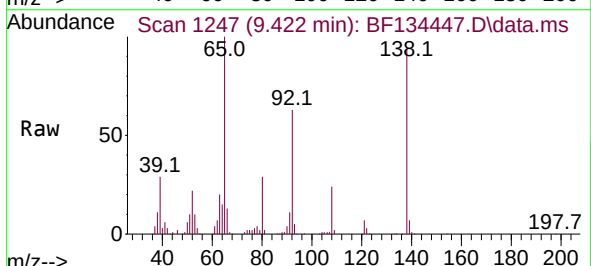
RT: 9.422 min Scan# 1247

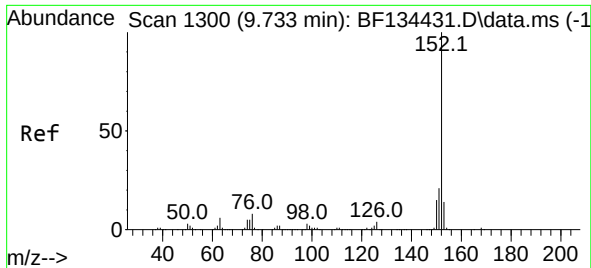
Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

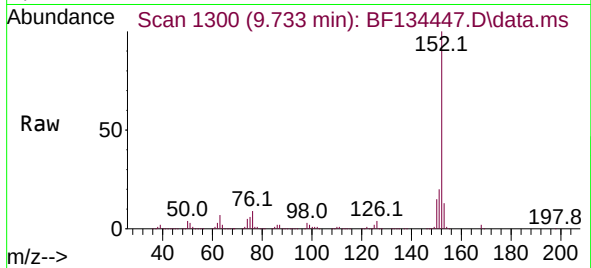
Tgt Ion: 65 Resp: 105631
 Ion Ratio Lower Upper
 65 100
 92 63.3 50.7 76.1
 138 93.9 78.2 117.4





#49
Acenaphthylene
Concen: 46.136 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

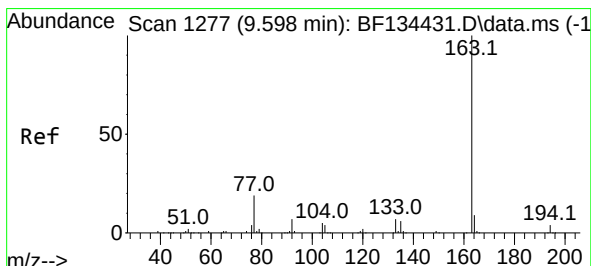
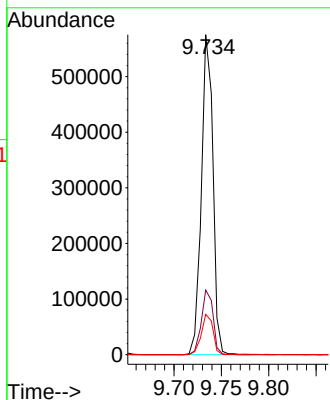
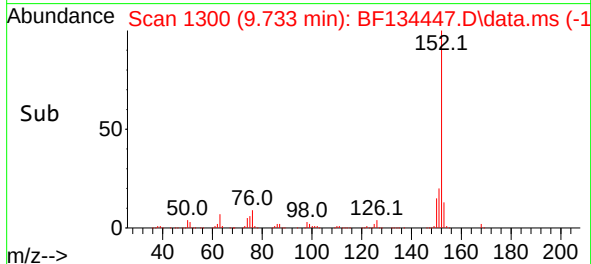
Instrument :
BNA_F
ClientSampleId :
TP-3MS



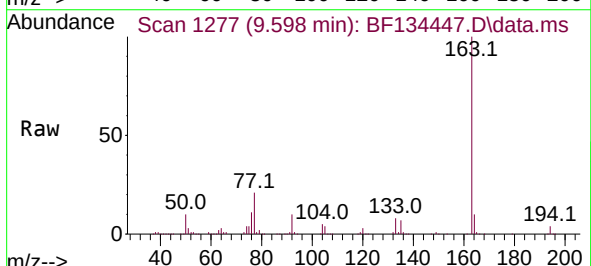
Tgt Ion:152 Resp: 489980
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.6 10.9 16.3

Manual Integrations
APPROVED

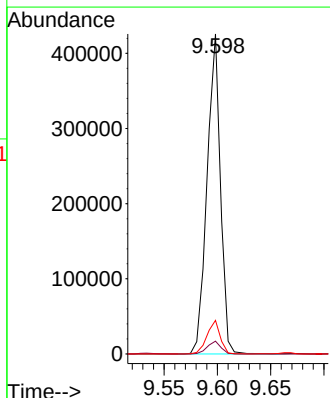
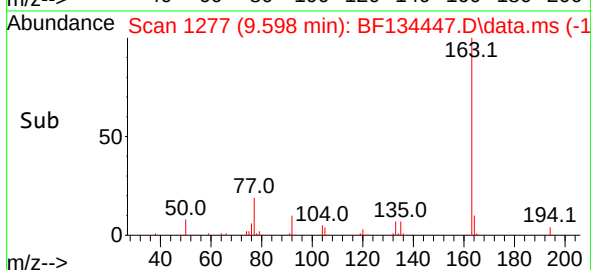
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

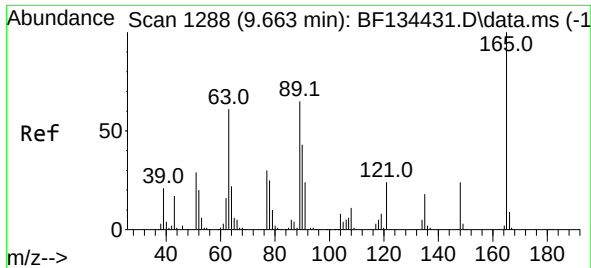


#50
Dimethylphthalate
Concen: 48.628 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00



Tgt Ion:163 Resp: 372968
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.5 7.5 11.3





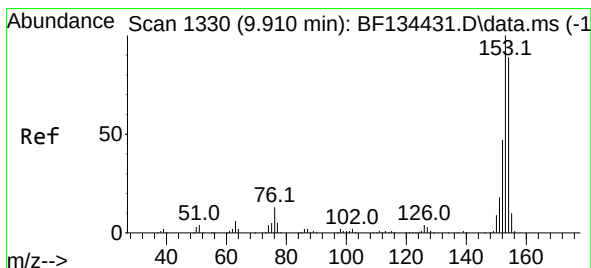
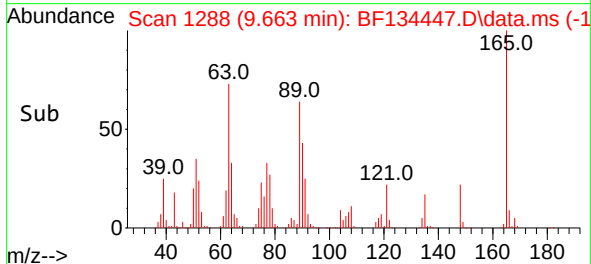
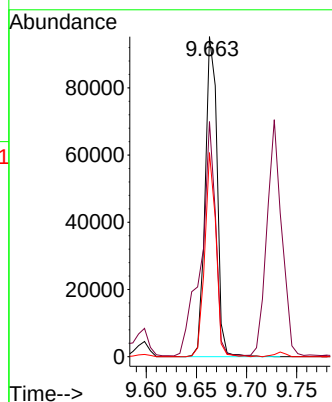
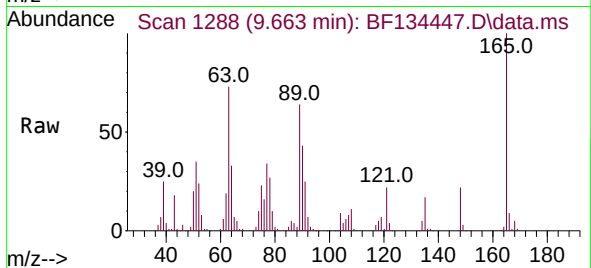
#51
2,6-Dinitrotoluene
Concen: 47.091 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:165 Resp: 7925
Ion Ratio Lower Upper
165 100
63 73.4 57.8 86.6
89 63.8 51.8 77.8

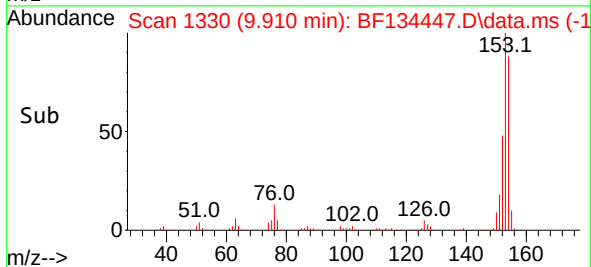
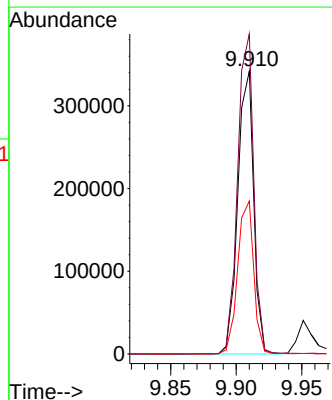
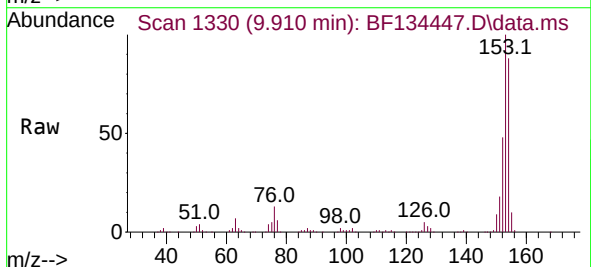
Manual Integrations
APPROVED

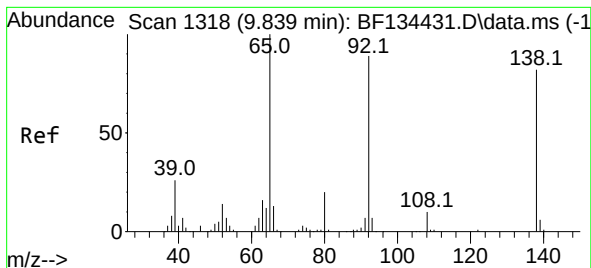
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#52
Acenaphthene
Concen: 46.251 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

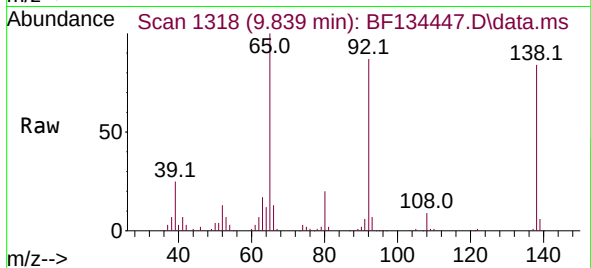
Tgt Ion:154 Resp: 290172
Ion Ratio Lower Upper
154 100
153 113.1 90.0 135.0
152 54.1 42.4 63.6





#53
3-Nitroaniline
Concen: 35.758 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

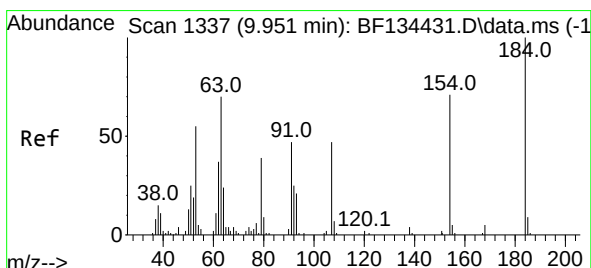
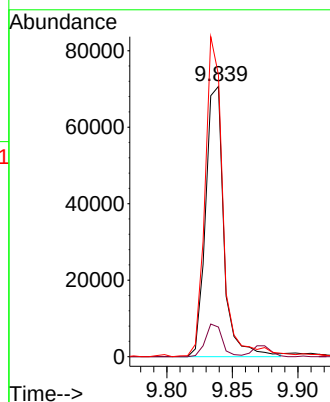
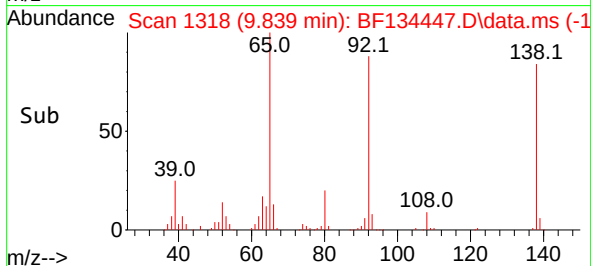
Instrument :
BNA_F
ClientSampleId :
TP-3MS



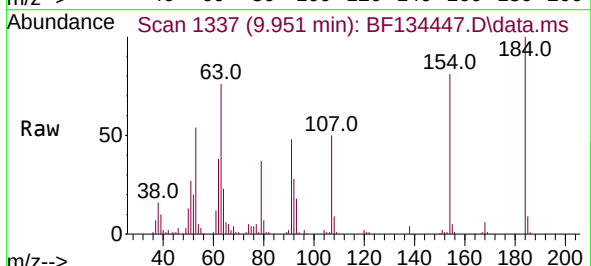
Tgt Ion:138 Resp: 6899
Ion Ratio Lower Upper
138 100
108 11.0 9.3 13.9
92 104.3 86.6 129.8

Manual Integrations
APPROVED

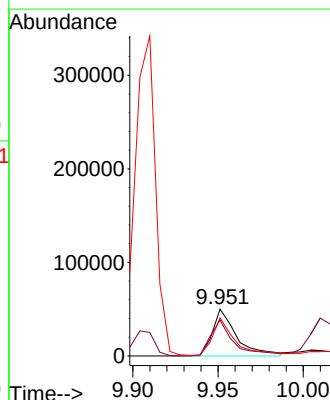
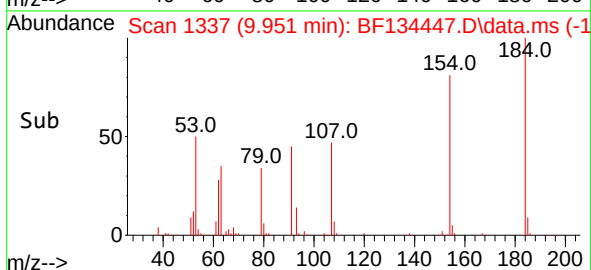
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

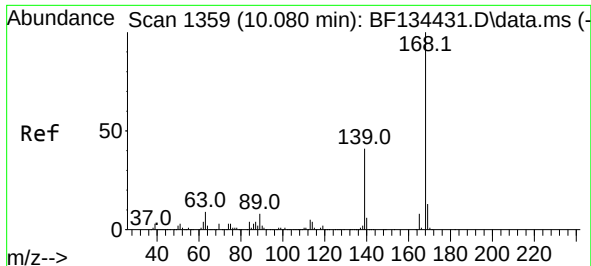


#54
2,4-Dinitrophenol
Concen: 57.424 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00



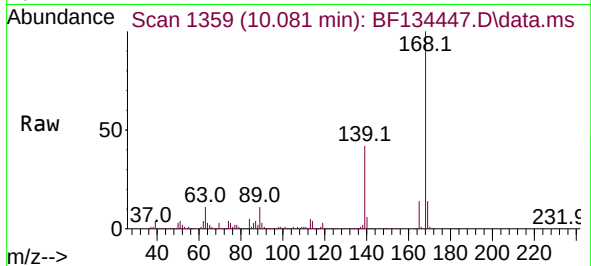
Tgt Ion:184 Resp: 48918
Ion Ratio Lower Upper
184 100
63 76.2 57.1 85.7
154 80.9 59.1 88.7





#55
Dibenzenofuran
Concen: 46.030 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

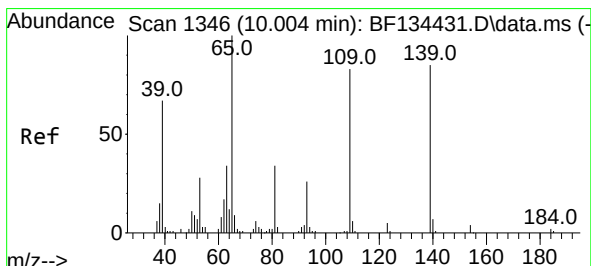
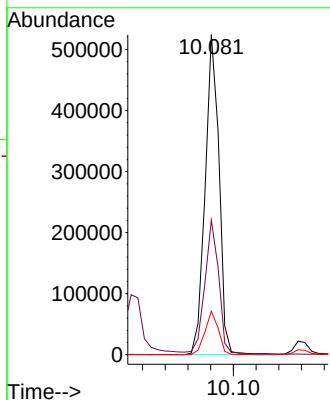
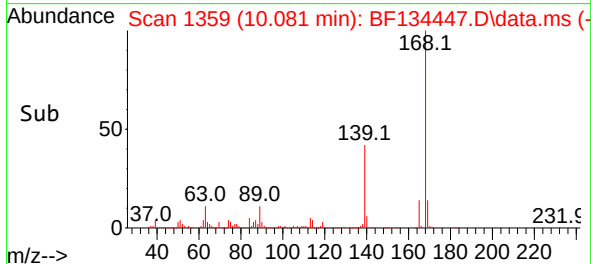
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:168 Resp: 44447
Ion Ratio Lower Upper
168 100
139 42.1 33.4 50.2
169 13.6 10.6 15.8

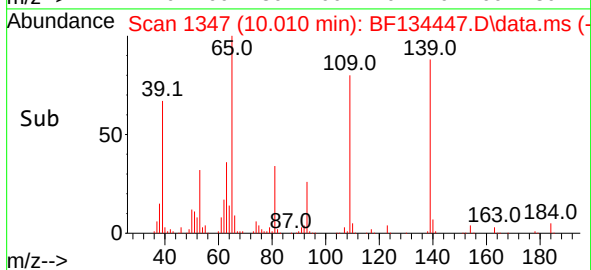
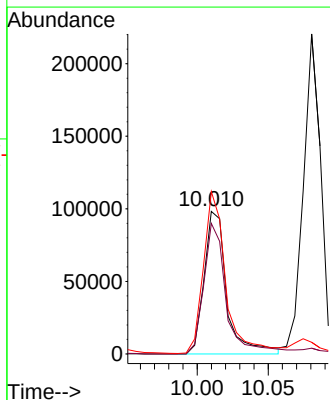
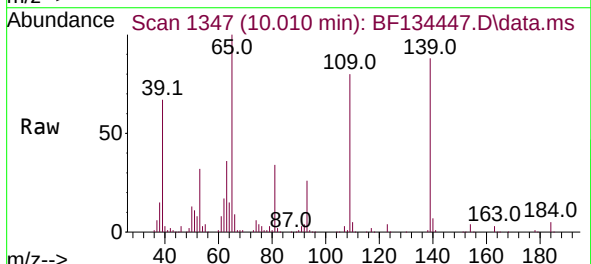
Manual Integrations
APPROVED

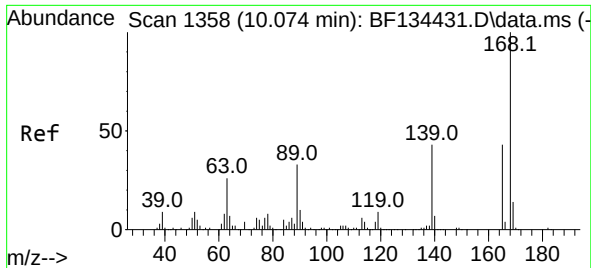
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#56
4-Nitrophenol
Concen: 106.203 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Tgt Ion:139 Resp: 109279
Ion Ratio Lower Upper
139 100
109 91.5 76.9 116.9
65 113.8 98.5 138.5





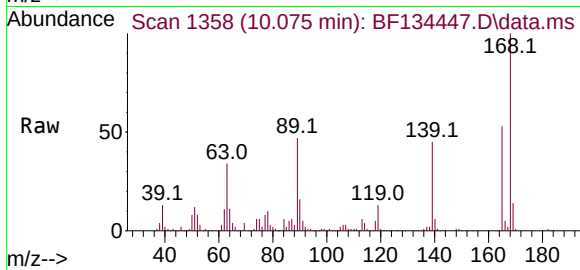
#57
2,4-Dinitrotoluene
Concen: 46.858 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS



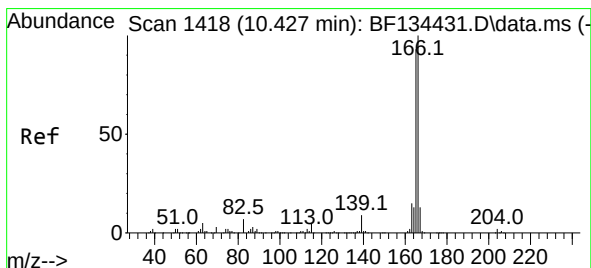
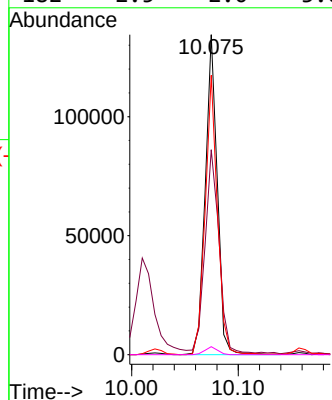
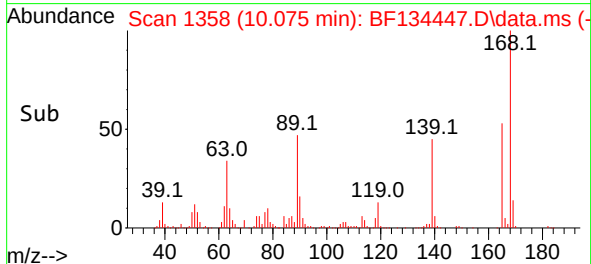
Tgt Ion:165 Resp: 105918
Ion Ratio Lower Upper
165 100
63 64.0 48.9 73.3
89 87.3 61.7 92.5
182 2.5 2.0 3.0

Manual Integrations

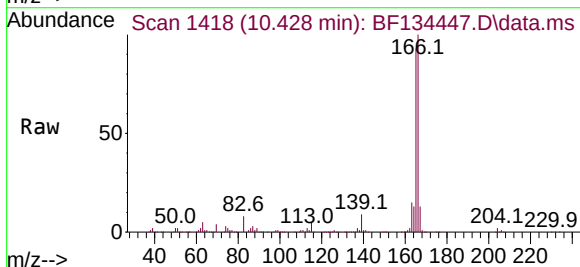
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

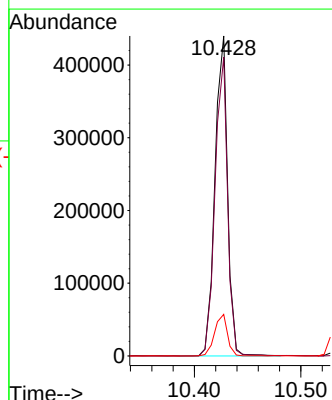
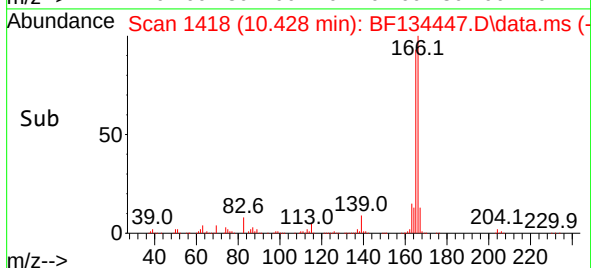
Supervised By :mohammad ahmed 07/25/2023

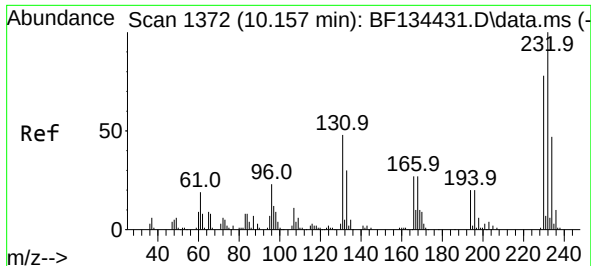


#58
Fluorene
Concen: 46.625 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.001 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00



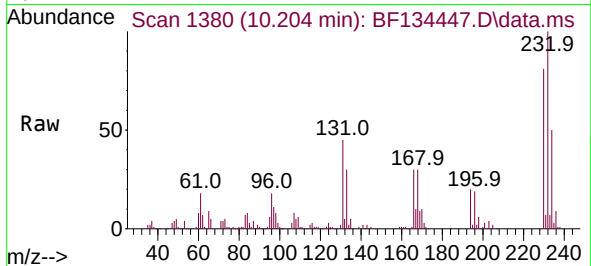
Tgt Ion:166 Resp: 363206
Ion Ratio Lower Upper
166 100
165 93.4 74.5 111.7
167 13.0 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.683 ng m
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

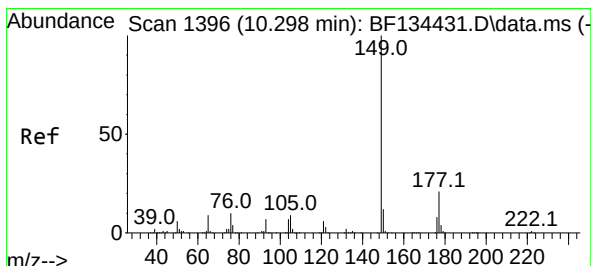
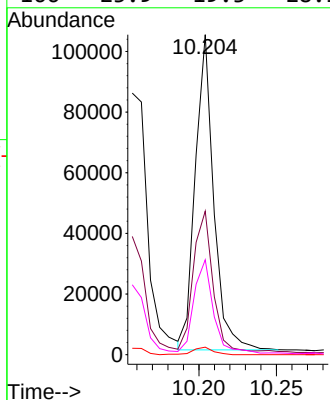
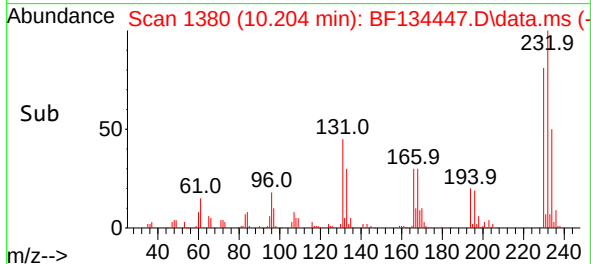
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:232 Resp: 86014
Ion Ratio Lower Upper
232 100
131 41.2 33.4 50.0
130 2.1 1.8 2.6
166 23.9 19.3 28.9

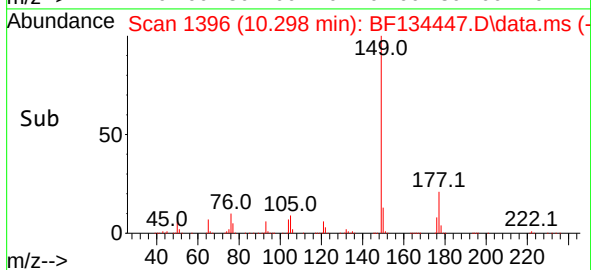
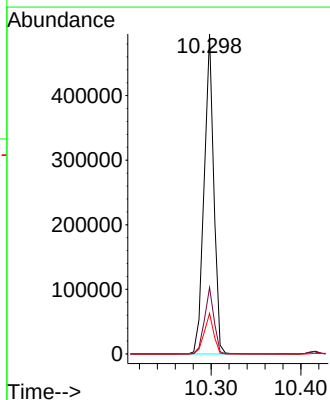
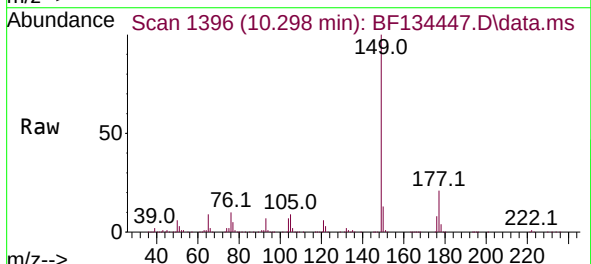
Manual Integrations
APPROVED

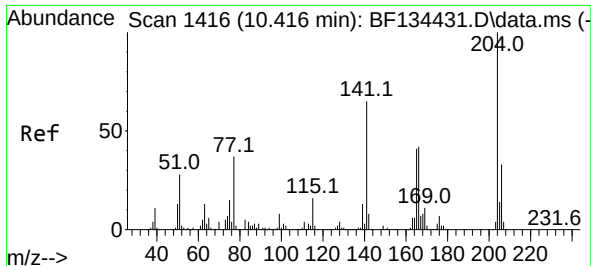
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#60
Diethylphthalate
Concen: 46.517 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

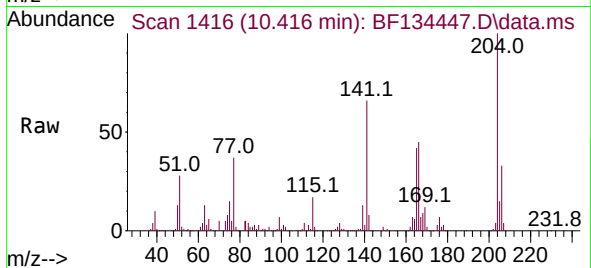
Tgt Ion:149 Resp: 369383
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.4
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.757 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

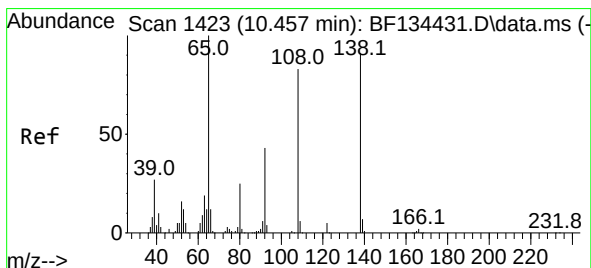
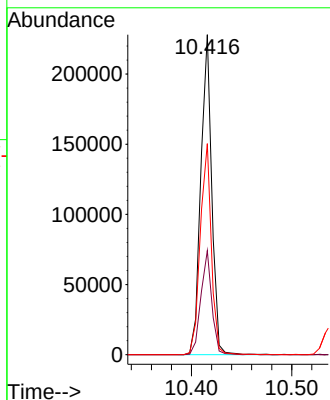
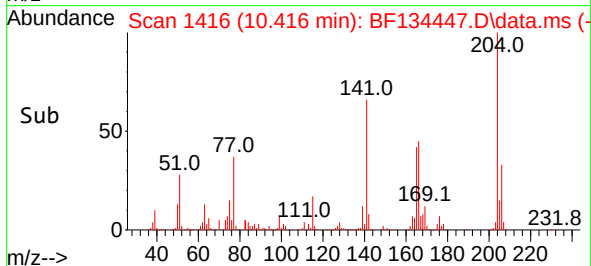
Instrument :
BNA_F
ClientSampleId :
TP-3MS



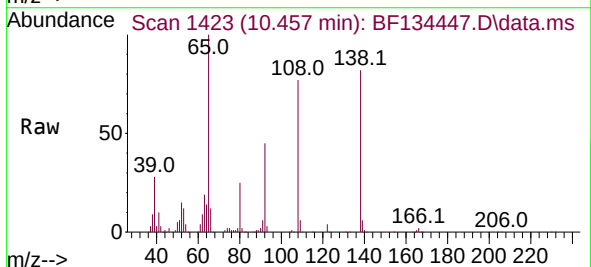
Tgt Ion:204 Resp: 173997
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 66.0 52.2 78.4

Manual Integrations
APPROVED

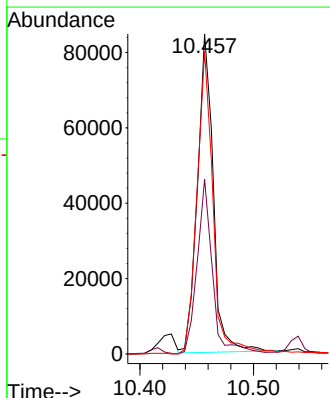
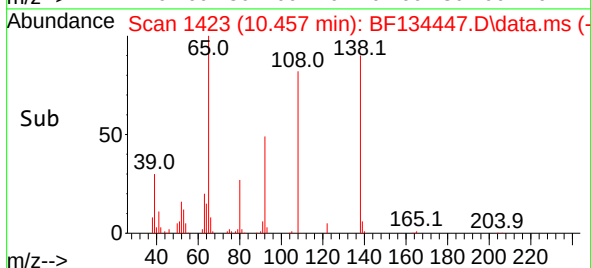
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

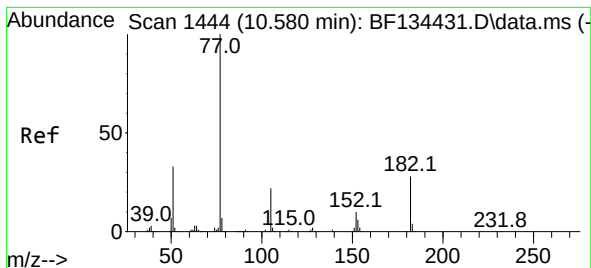


#62
4-Nitroaniline
Concen: 41.120 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00



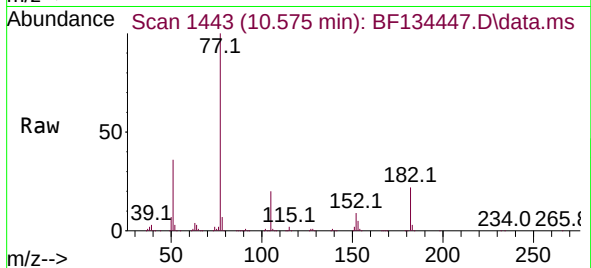
Tgt Ion:138 Resp: 81402
Ion Ratio Lower Upper
138 100
92 54.6 27.0 67.0
108 94.6 70.4 110.4





#63
Azobenzene
Concen: 46.908 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

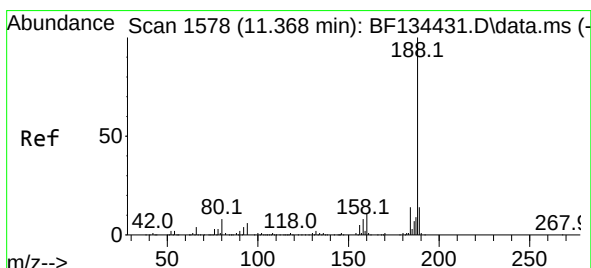
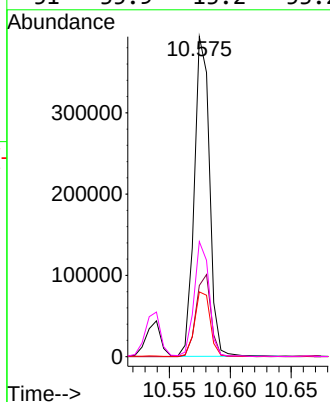
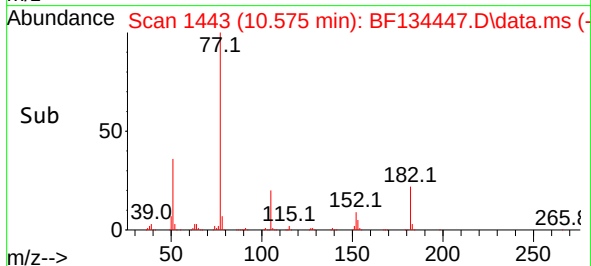
Instrument :
BNA_F
ClientSampleId :
TP-3MS



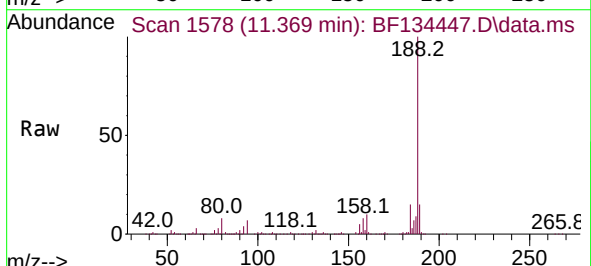
Tgt Ion: 77 Resp: 342858
Ion Ratio Lower Upper
77 100
182 22.3 7.5 47.5
105 20.3 1.9 41.9
51 35.9 13.2 53.2

Manual Integrations
APPROVED

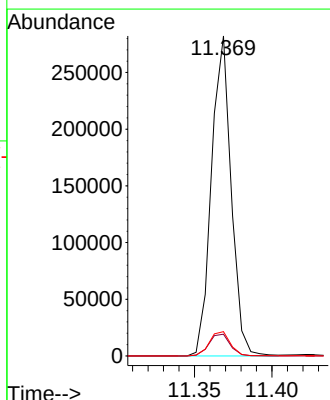
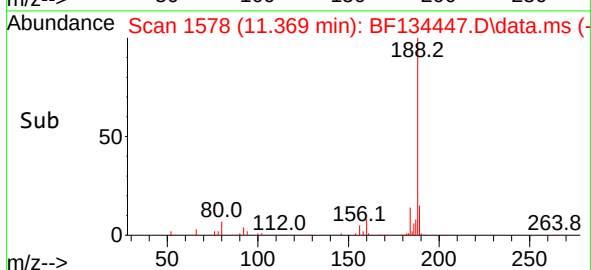
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

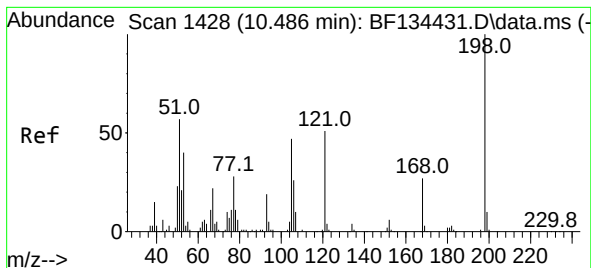


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00



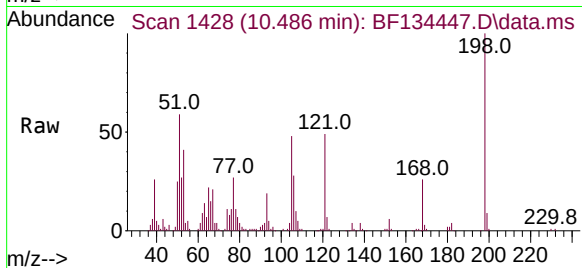
Tgt Ion:188 Resp: 249598
Ion Ratio Lower Upper
188 100
94 6.8 5.1 7.7
80 7.6 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 34.272 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

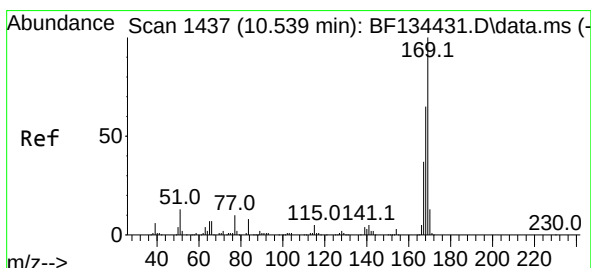
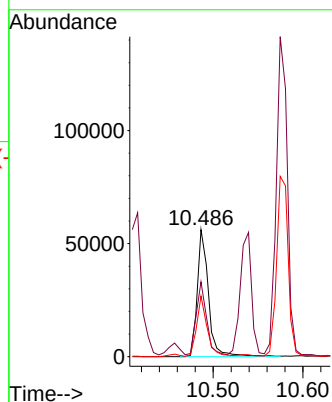
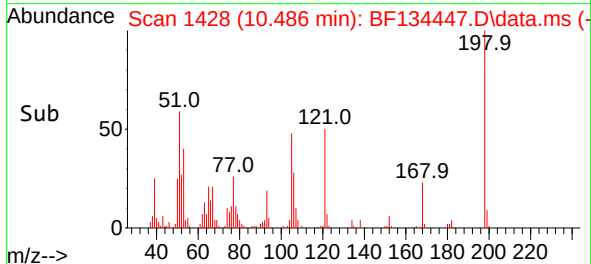
Instrument :
BNA_F
ClientSampleId :
TP-3MS



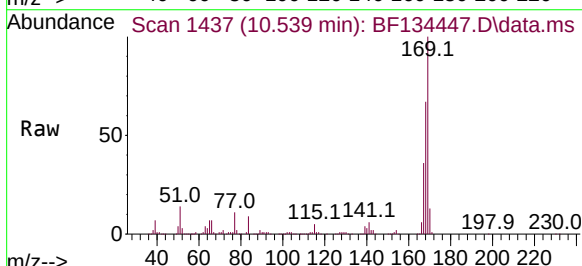
Tgt Ion:198 Resp: 49069
Ion Ratio Lower Upper
198 100
51 58.9 38.6 78.6
105 47.7 27.9 67.9

Manual Integrations
APPROVED

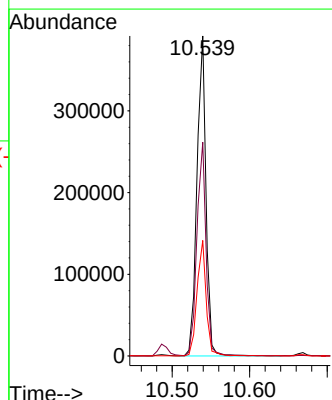
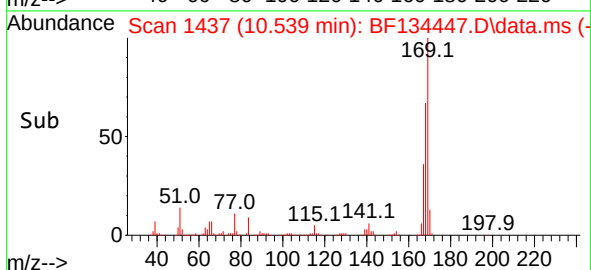
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

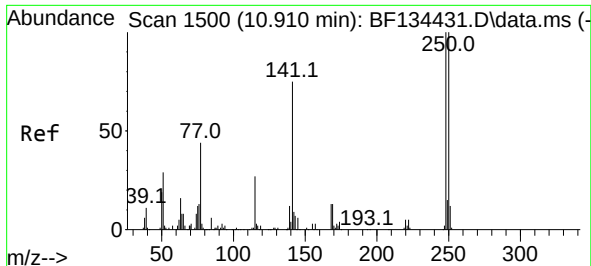


#66
n-Nitrosodiphenylamine
Concen: 39.938 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00



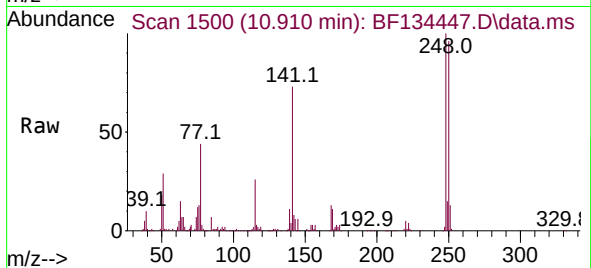
Tgt Ion:169 Resp: 317153
Ion Ratio Lower Upper
169 100
168 66.8 52.6 78.8
167 36.1 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 41.077 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

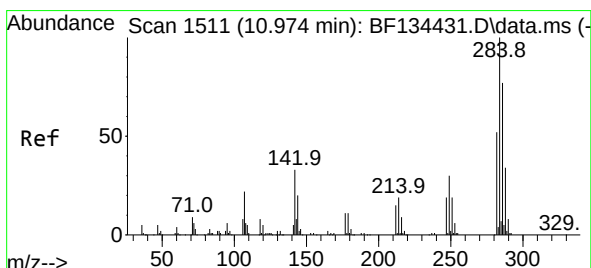
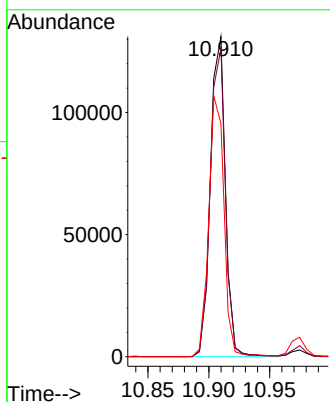
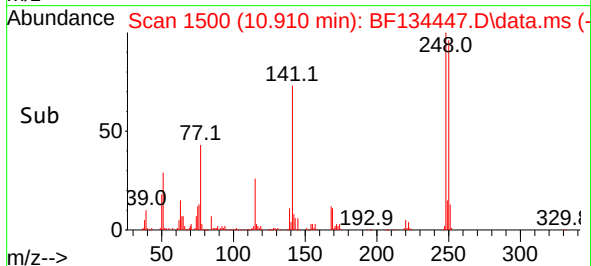
Instrument :
BNA_F
ClientSampleId :
TP-3MS



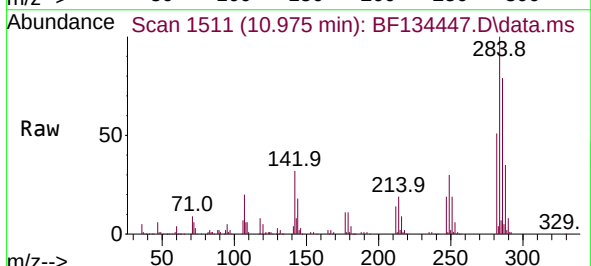
Tgt Ion:248 Resp: 11233
Ion Ratio Lower Upper
248 100
250 96.3 79.6 119.4
141 72.9 59.6 89.4

Manual Integrations
APPROVED

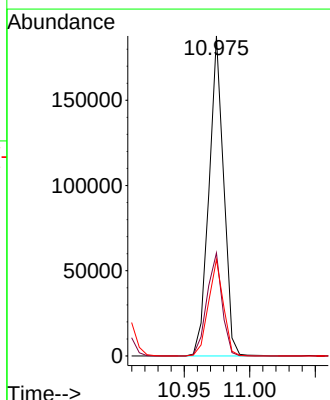
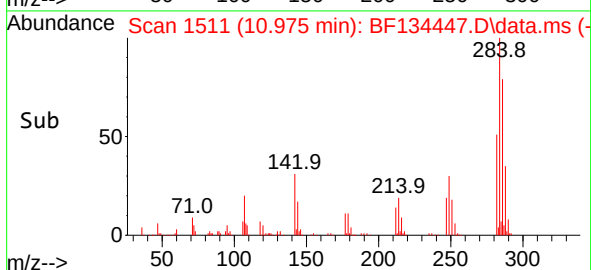
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

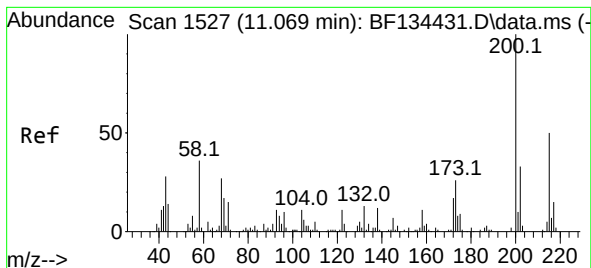


#68
Hexachlorobenzene
Concen: 47.535 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00



Tgt Ion:284 Resp: 146383
Ion Ratio Lower Upper
284 100
142 32.2 26.5 39.7
249 30.2 23.8 35.8





#69

Atrazine

Concen: 55.985 ng

RT: 11.069 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS

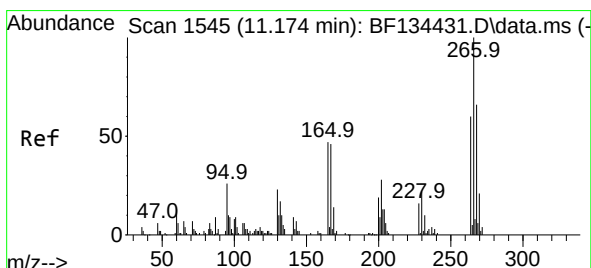
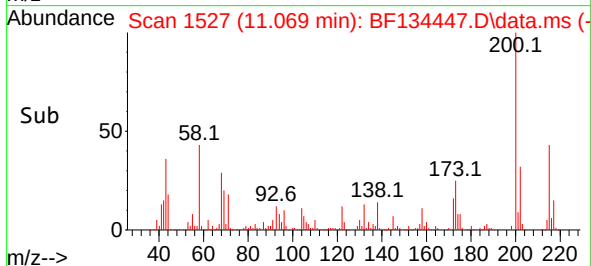
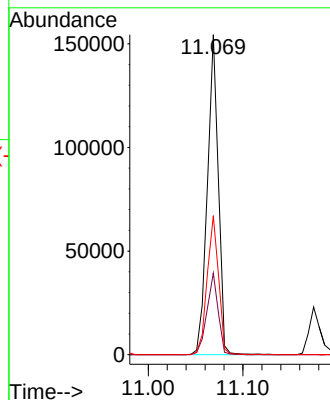
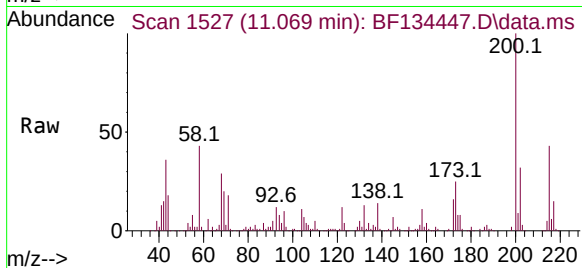
Tgt Ion:200 Resp: 12395
 Ion Ratio Lower Upper
 200 100
 173 25.5 6.1 46.1
 215 43.5 29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#70

Pentachlorophenol

Concen: 85.118 ng

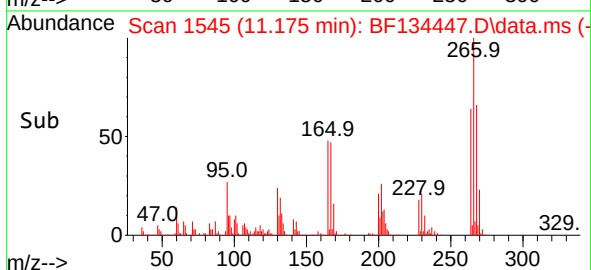
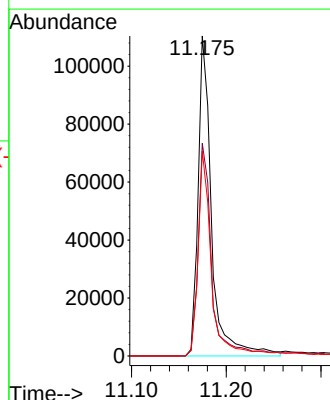
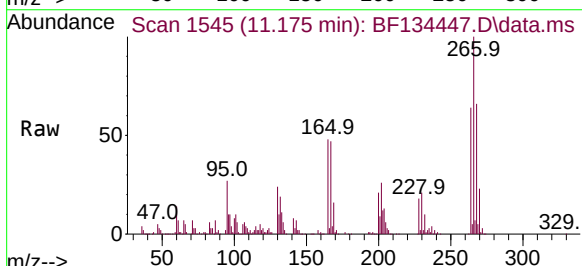
RT: 11.175 min Scan# 1545

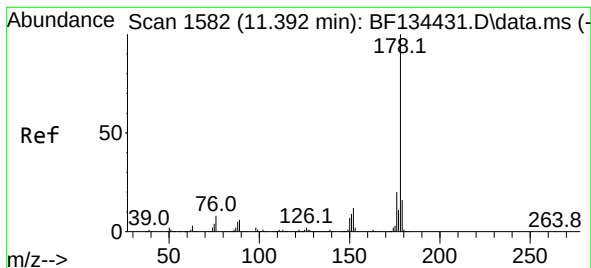
Delta R.T. 0.001 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Tgt Ion:266 Resp: 110003
 Ion Ratio Lower Upper
 266 100
 268 66.5 52.9 79.3
 264 64.0 47.8 71.6





#71

Phenanthrene

Concen: 46.143 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS

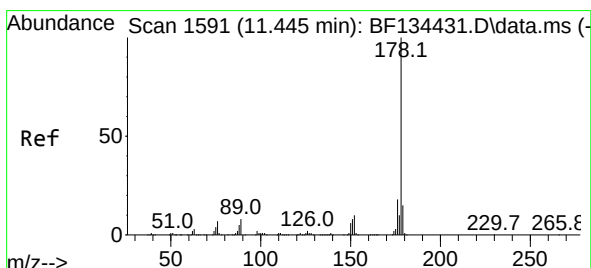
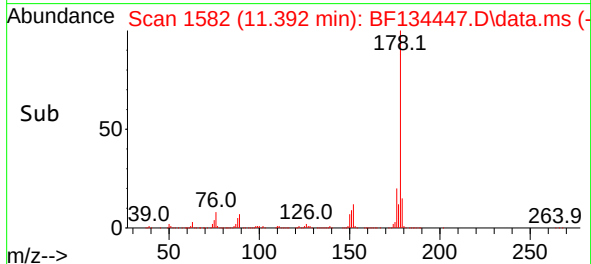
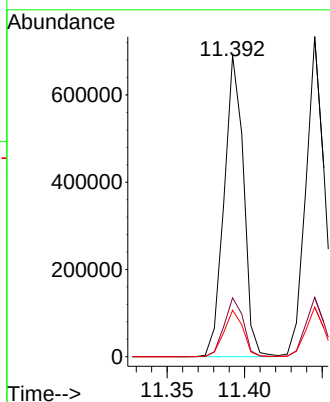
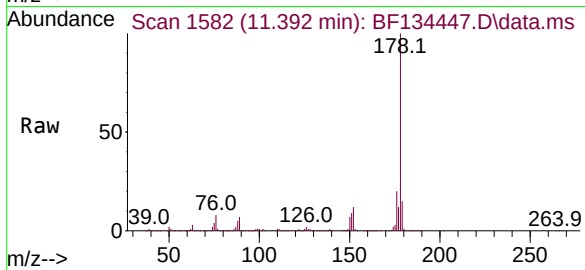
Tgt Ion:178 Resp: 60175
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 15.4 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#72

Anthracene

Concen: 45.292 ng

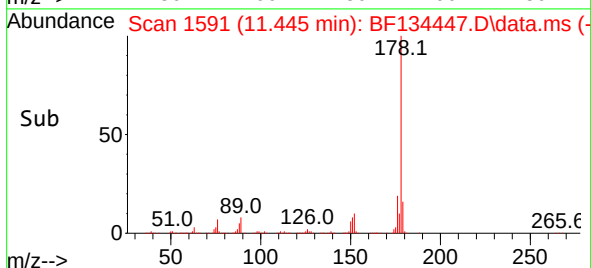
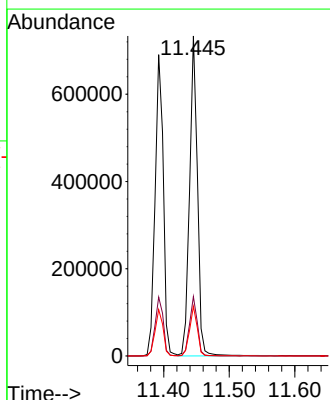
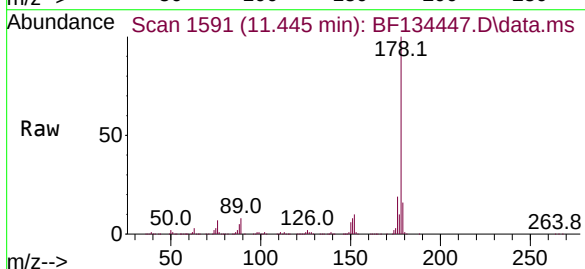
RT: 11.445 min Scan# 1591

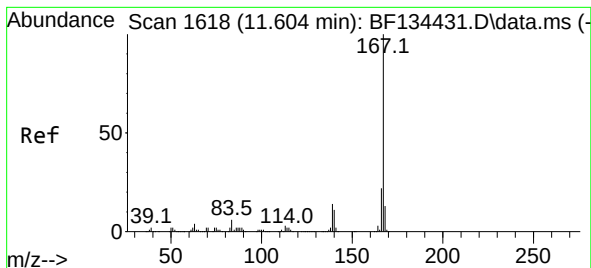
Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Tgt Ion:178 Resp: 609625
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 21.8
 179 15.5 12.3 18.5





#73

Carbazole

Concen: 47.403 ng

RT: 11.604 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:167 Resp: 600828

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

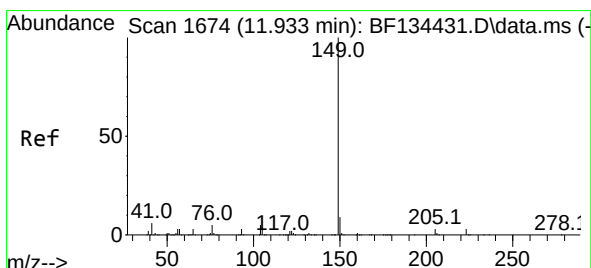
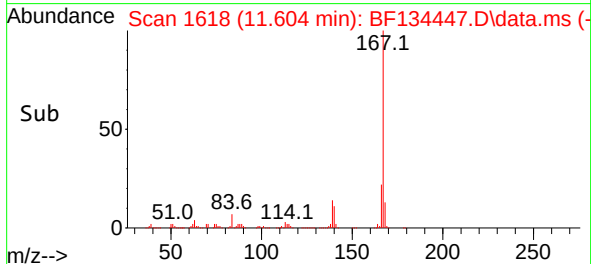
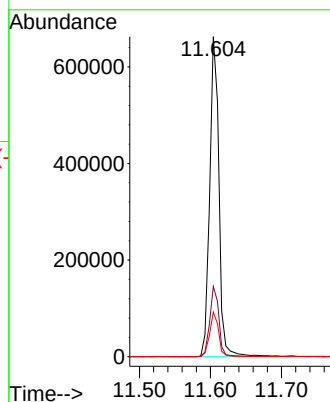
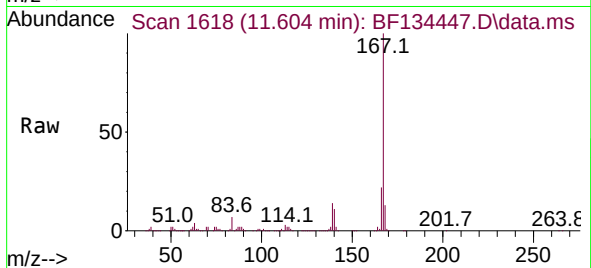
139 13.9 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#74

Di-n-butylphthalate

Concen: 44.844 ng

RT: 11.927 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

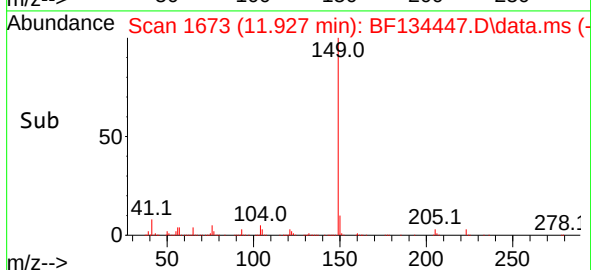
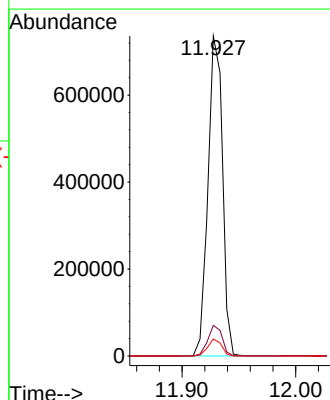
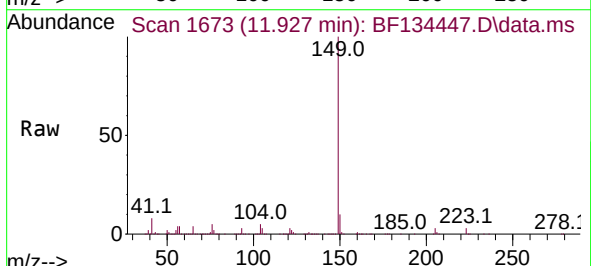
Tgt Ion:149 Resp: 652475

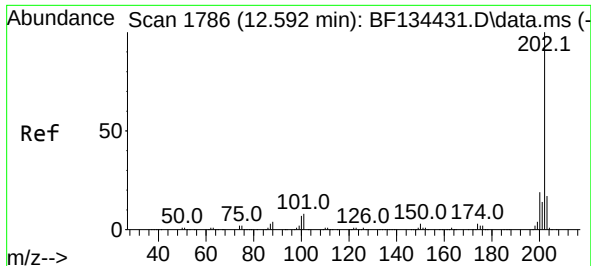
Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

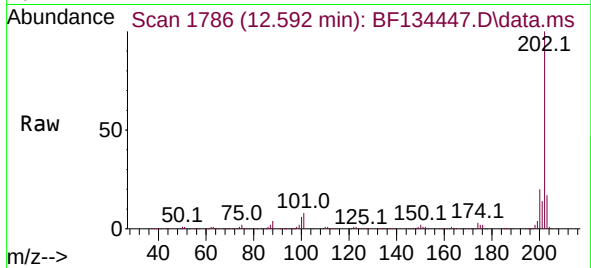
104 5.3 3.8 5.8





#75
Fluoranthene
Concen: 44.527 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

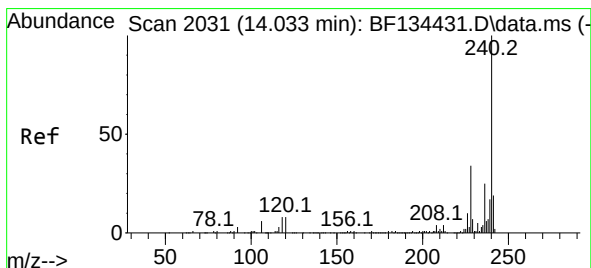
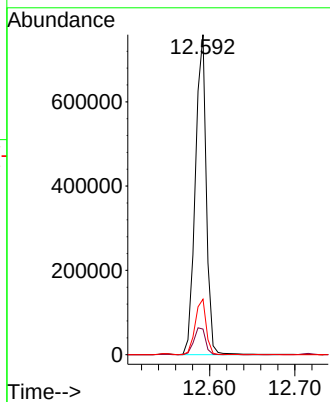
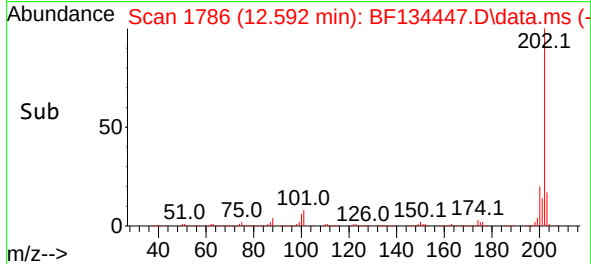
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:202 Resp: 676744
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.5
203 17.4 0.0 37.5

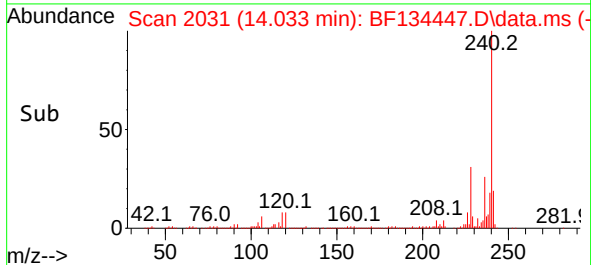
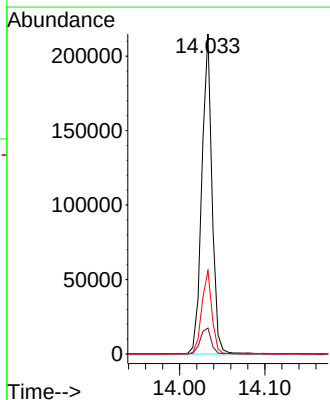
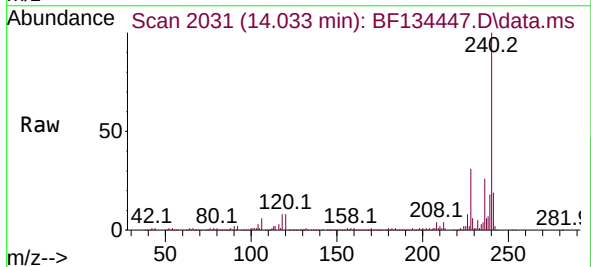
Manual Integrations
APPROVED

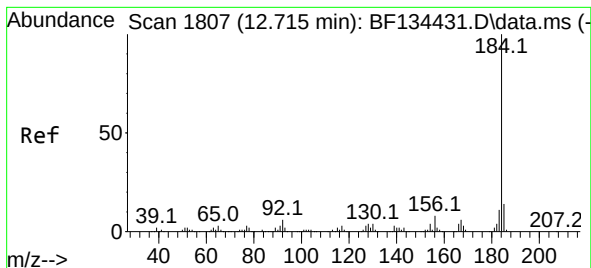
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Tgt Ion:240 Resp: 178036
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 26.1 20.2 30.2





#77

Benzidine

Concen: 93.598 ng

RT: 12.716 min Scan# 1807

Delta R.T. 0.001 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS

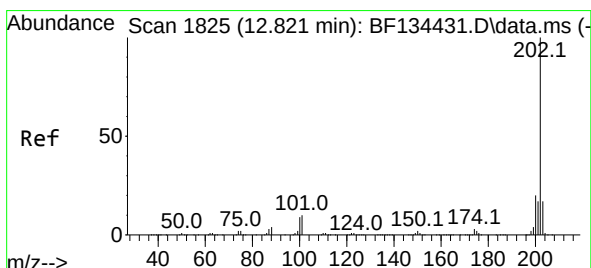
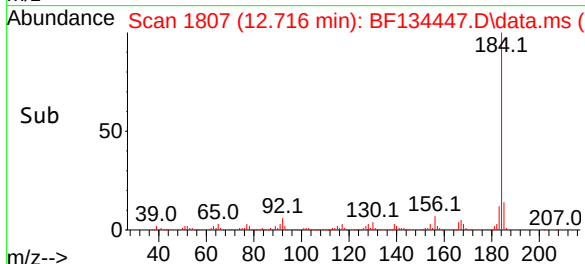
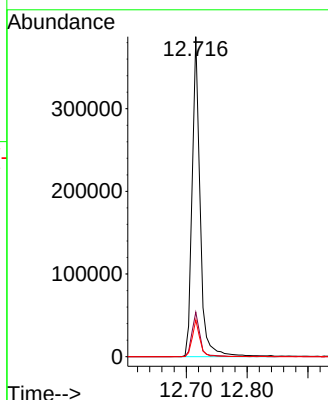
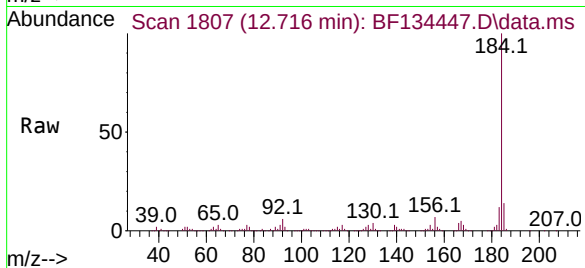
Tgt Ion:184	Resp: 35580
Ion Ratio	Lower Upper
184	100
185	13.9 11.2 16.8
183	11.5 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#78

Pyrene

Concen: 43.224 ng

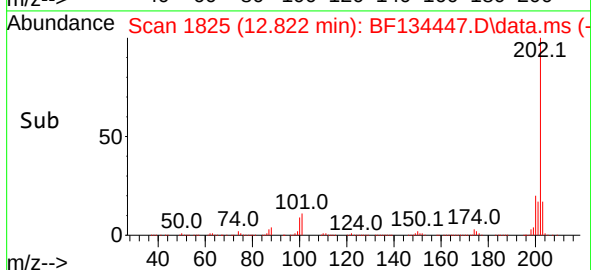
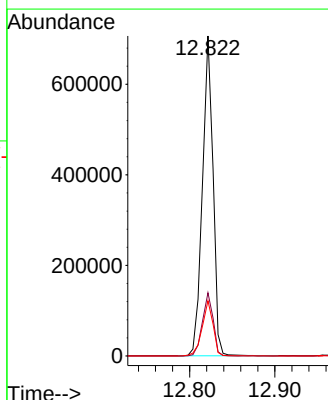
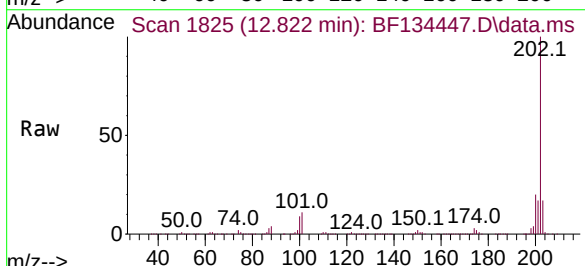
RT: 12.822 min Scan# 1825

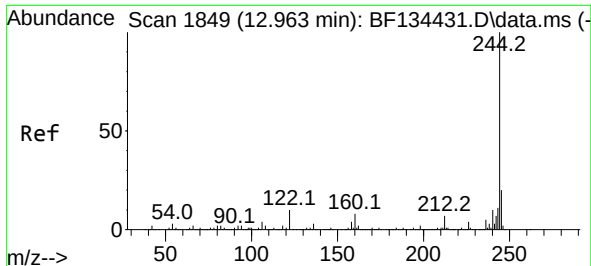
Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Tgt Ion:202	Resp: 611885
Ion Ratio	Lower Upper
202	100
200	19.7 15.8 23.8
203	17.2 13.5 20.3





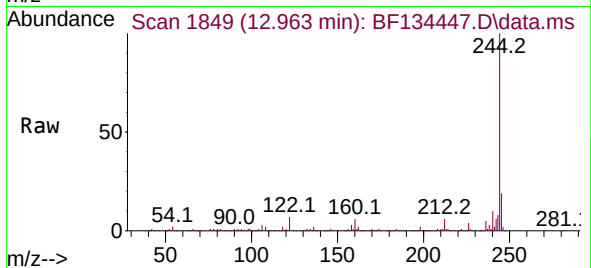
#79
 Terphenyl-d14
 Concen: 43.390 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF134447.D
 Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS

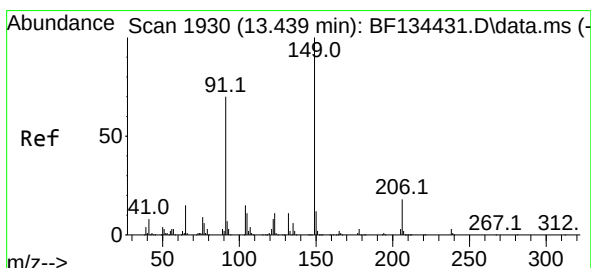
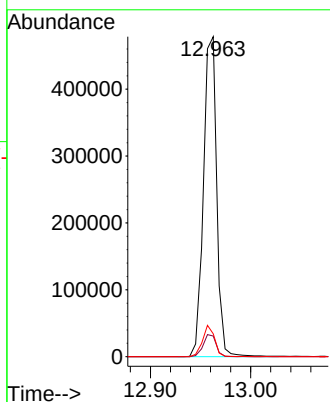
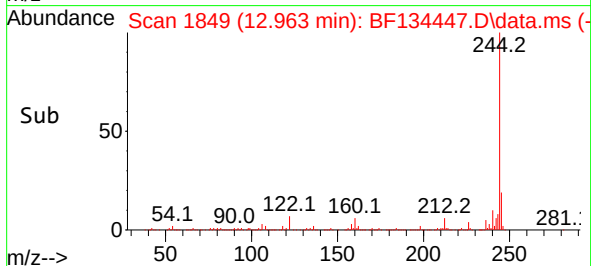


Tgt Ion:244 Resp: 442520
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 7.2 8.0 12.0

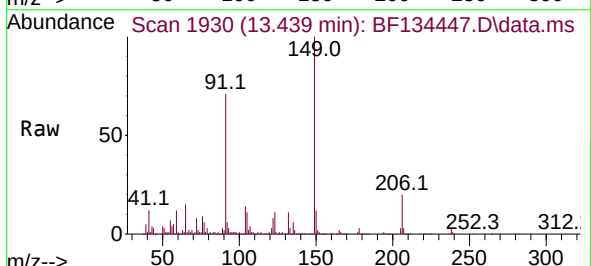
Manual Integrations

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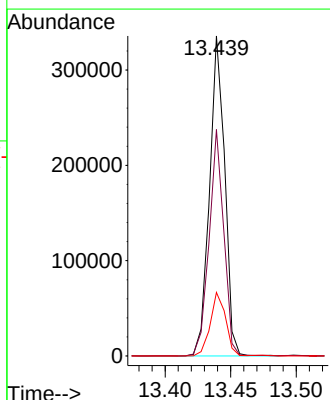
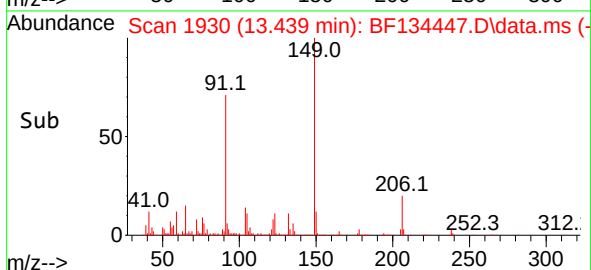
Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

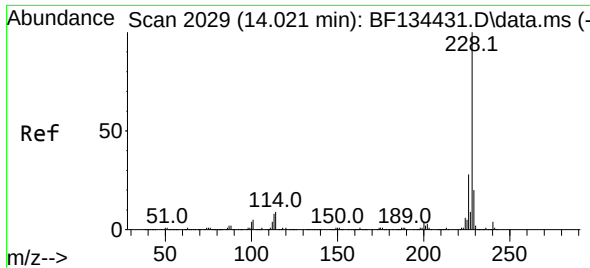


#80
 Butylbenzylphthalate
 Concen: 47.779 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF134447.D
 Acq: 25 Jul 2023 01:00



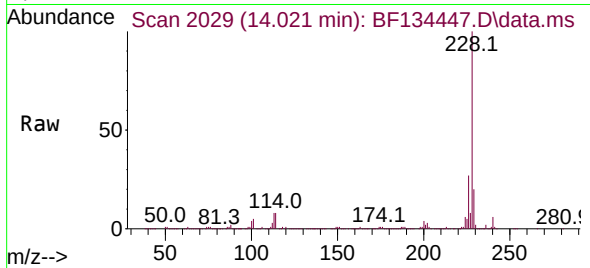
Tgt Ion:149 Resp: 270930
 Ion Ratio Lower Upper
 149 100
 91 70.8 55.8 83.6
 206 19.9 14.6 21.8





#81
Benzo(a)anthracene
Concen: 45.510 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

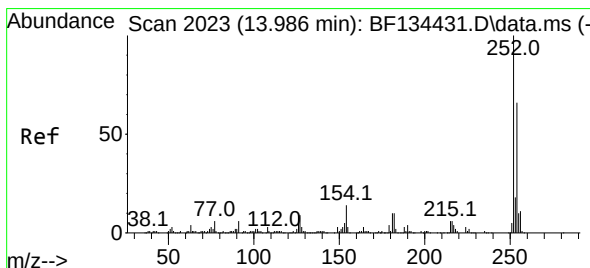
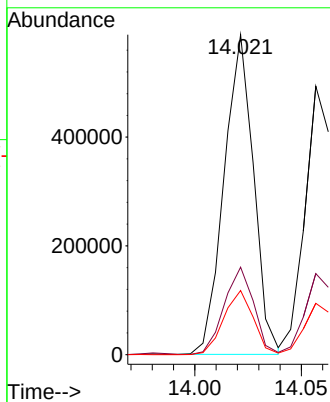
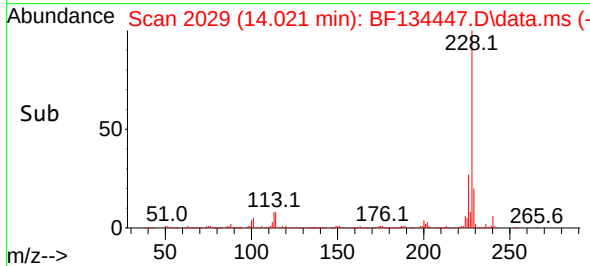
Instrument :
BNA_F
ClientSampleId :
TP-3MS



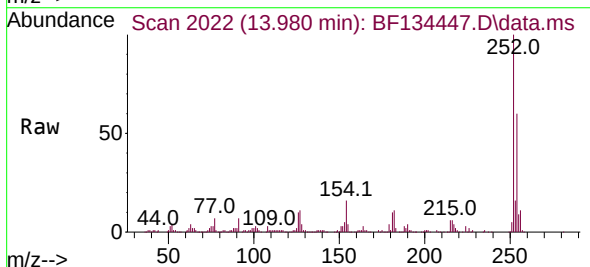
Tgt Ion:228 Resp: 56529
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 20.1 15.8 23.6

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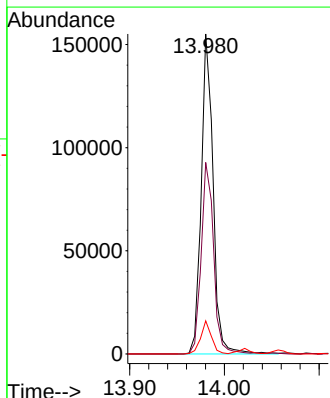
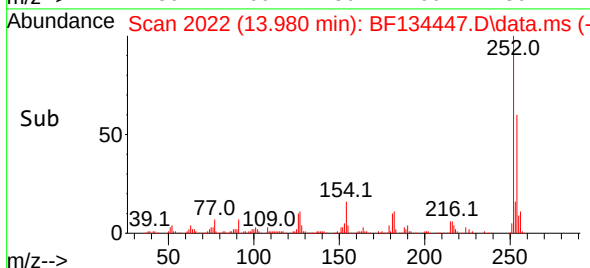
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

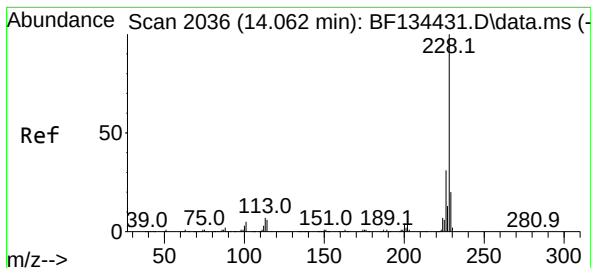


#82
3,3'-Dichlorobenzidine
Concen: 34.445 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00



Tgt Ion:252 Resp: 135513
Ion Ratio Lower Upper
252 100
254 59.8 52.7 79.1
126 10.4 7.2 10.8





#83

Chrysene

Concen: 38.134 ng

RT: 14.057 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:228 Resp: 453062

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

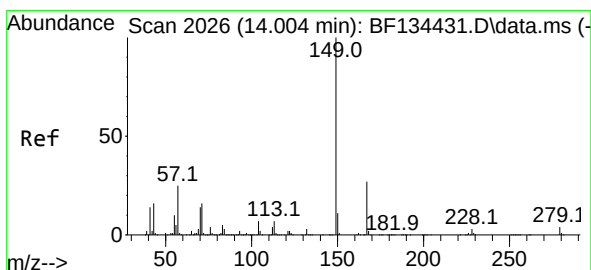
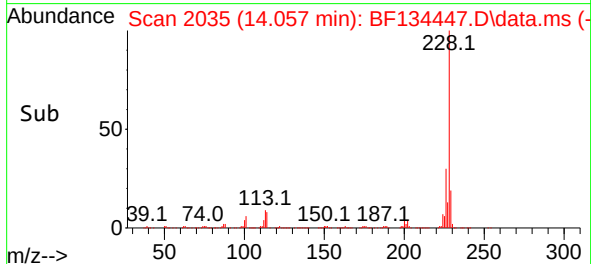
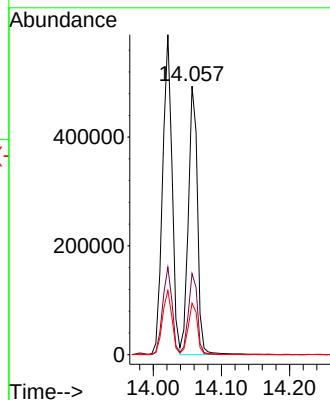
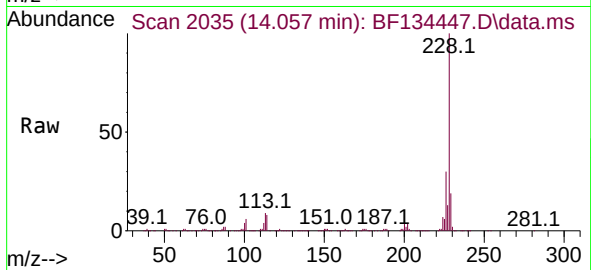
229 19.2 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.796 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF134447.D

Acq: 25 Jul 2023 01:00

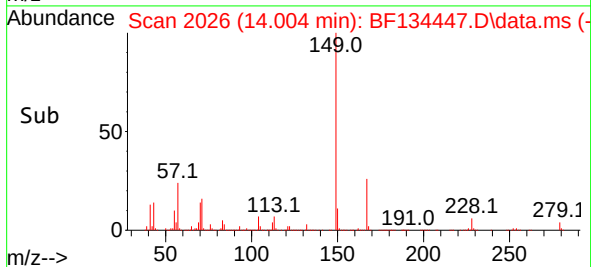
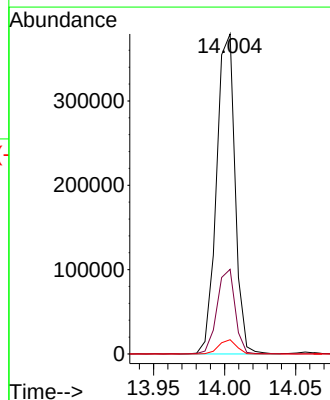
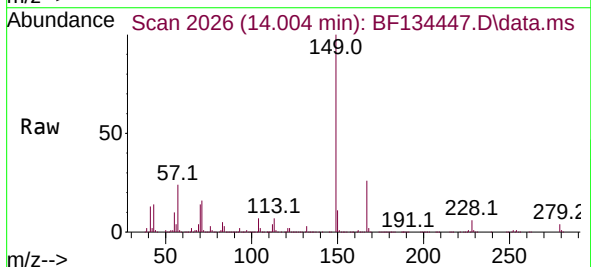
Tgt Ion:149 Resp: 343040

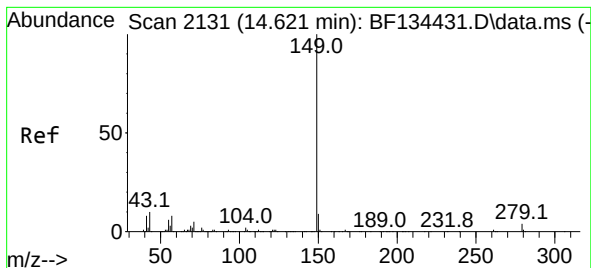
Ion Ratio Lower Upper

149 100

167 26.4 21.6 32.4

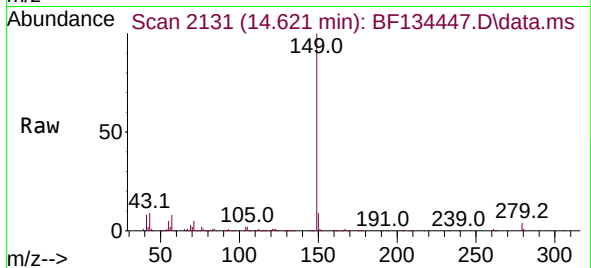
279 4.4 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 42.803 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

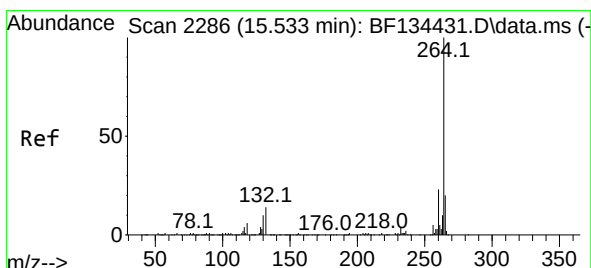
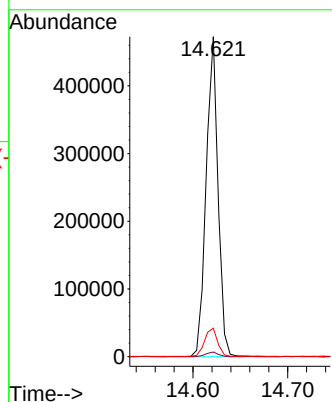
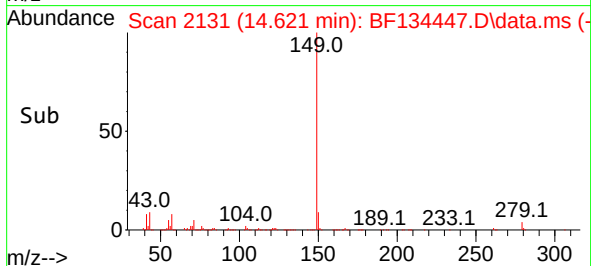
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:149 Resp: 40976
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 8.1 12.1

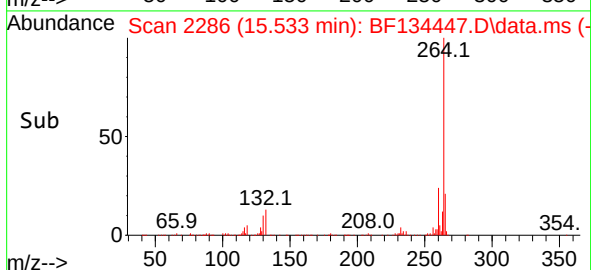
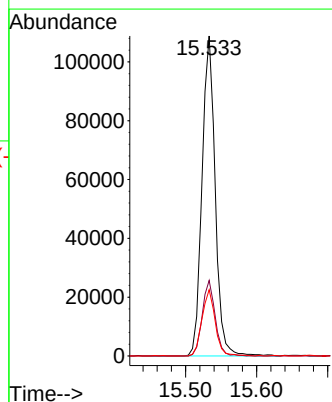
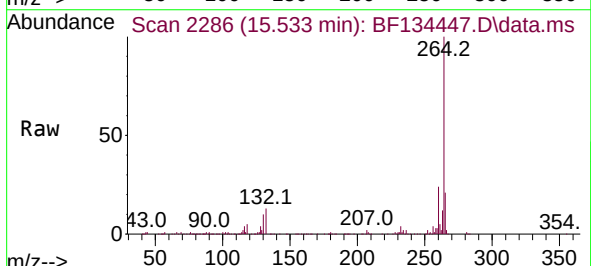
Manual Integrations
APPROVED

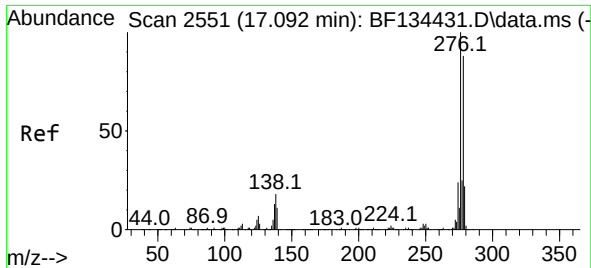
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

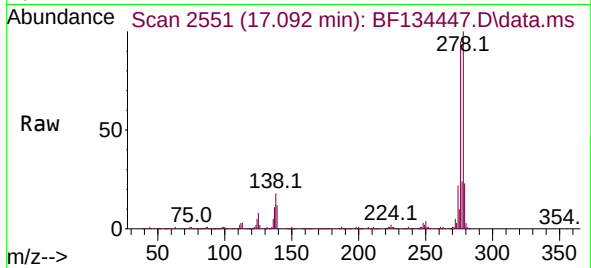
Tgt Ion:264 Resp: 140763
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 20.7 15.8 23.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.968 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

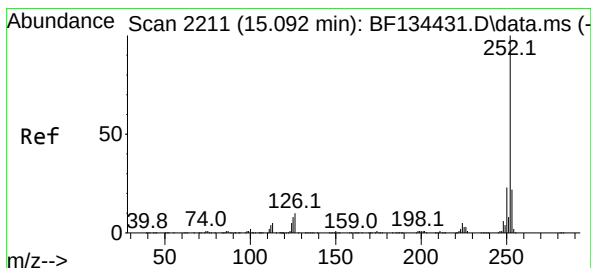
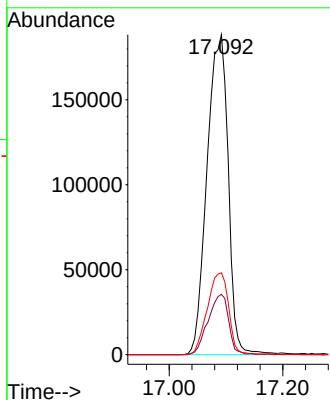
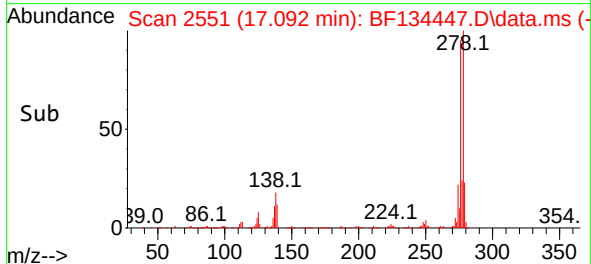
Instrument :
BNA_F
ClientSampleId :
TP-3MS



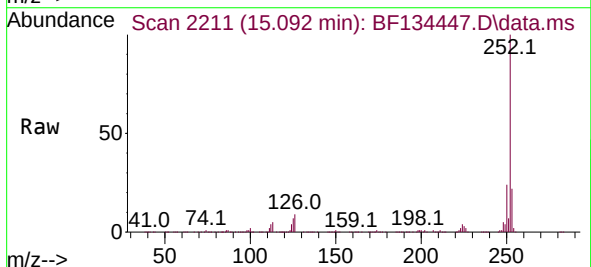
Tgt Ion:276 Resp: 487104
Ion Ratio Lower Upper
276 100
138 18.4 14.2 21.4
277 25.9 19.9 29.9

Manual Integrations
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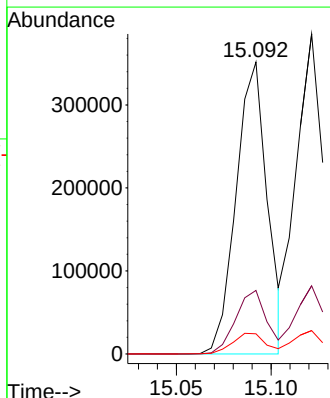
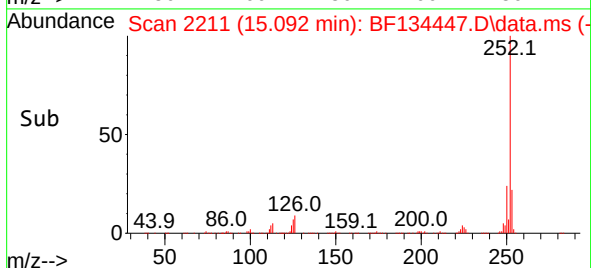
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

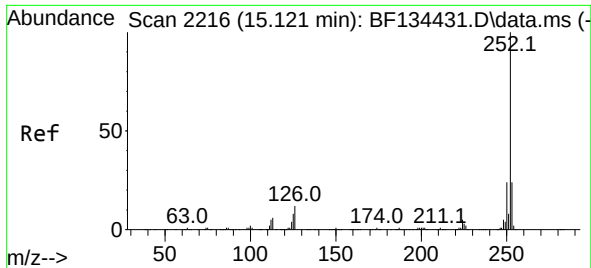


#88
Benzo(b)fluoranthene
Concen: 45.670 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00



Tgt Ion:252 Resp: 402180
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 6.9 6.0 9.0





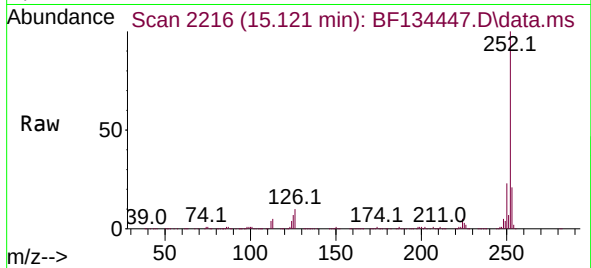
#89
Benzo(k)fluoranthene
Concen: 45.419 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Instrument :

BNA_F

ClientSampleId :

TP-3MS

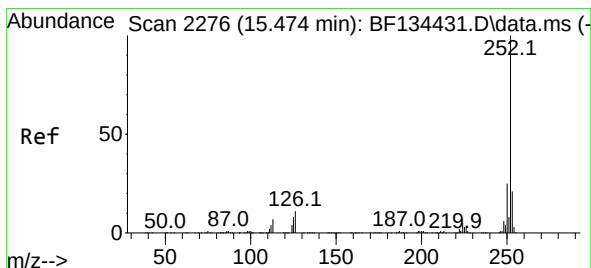
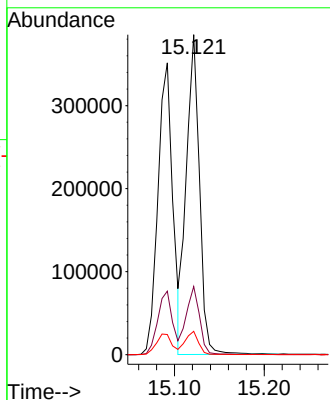
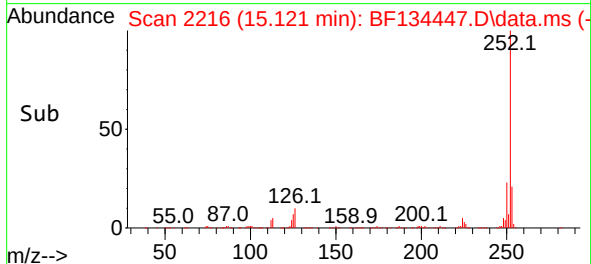


Tgt Ion:252 Resp: 393339
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 7.3 6.3 9.5

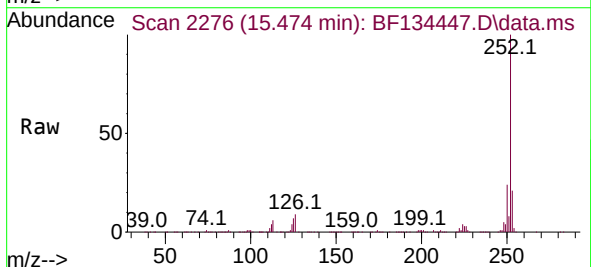
Manual Integrations

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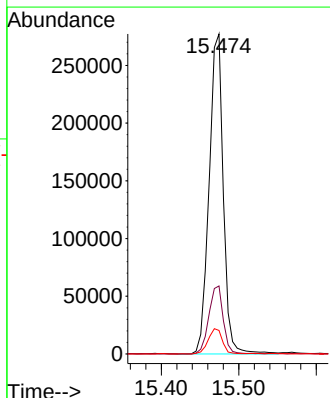
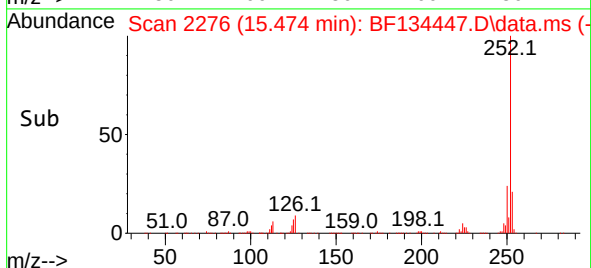
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

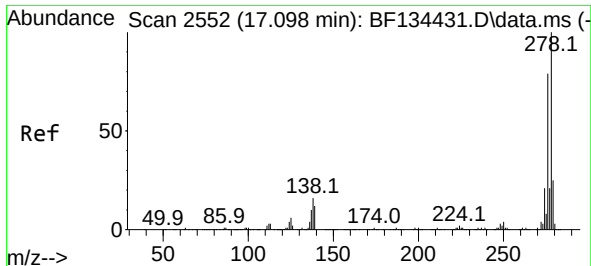


#90
Benzo(a)pyrene
Concen: 43.351 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00



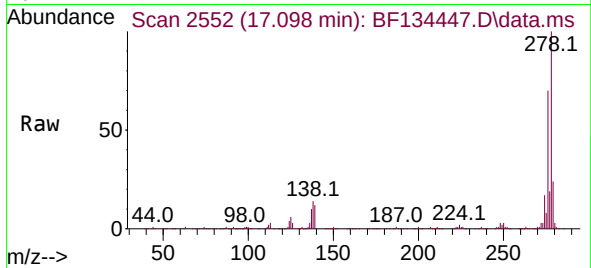
Tgt Ion:252 Resp: 352866
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.4
125 7.4 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 53.630 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

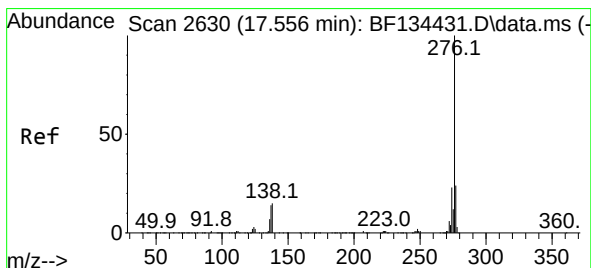
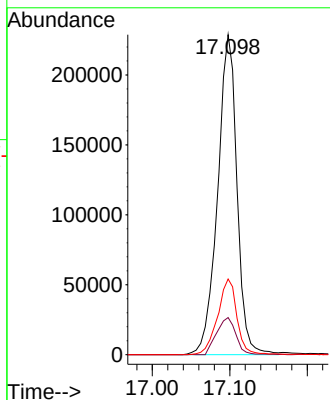
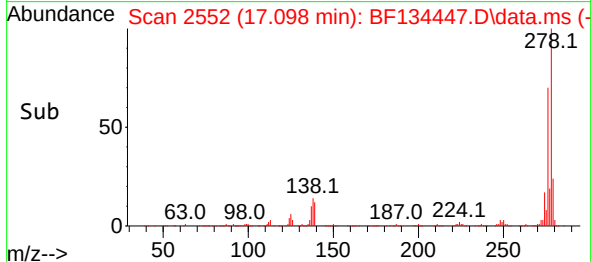
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:278 Resp: 398299
Ion Ratio Lower Upper
278 100
139 11.6 10.0 15.0
279 23.6 19.7 29.5

Manual Integrations
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Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#92
Benzo(g,h,i)perylene
Concen: 52.755 ng
RT: 17.557 min Scan# 2630
Delta R.T. 0.000 min
Lab File: BF134447.D
Acq: 25 Jul 2023 01:00

Tgt Ion:276 Resp: 402291
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 15.9 12.2 18.2

