

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139654.D
 Acq On : 04 Oct 2024 13:39
 Operator : RC/JU
 Sample : PB163834BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163834BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :mohammad ahmed 10/07/2024

Quant Time: Oct 04 14:06:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	117167	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	442808	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	246870	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	458622	20.000	ng	0.00
76) Chrysene-d12	14.027	240	232215	20.000	ng	0.00
86) Perylene-d12	15.498	264	249587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	790213	116.896	ng	0.01
7) Phenol-d6	6.504	99	1037763	114.156	ng	0.00
23) Nitrobenzene-d5	7.434	82	689962	78.890	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	266141	111.677	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1242573	77.271	ng	0.00
79) Terphenyl-d14	12.974	244	1217740	86.045	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	109909	37.606	ng	98
3) Pyridine	3.481	79	290590	40.882	ng	98
4) n-Nitrosodimethylamine	3.446	42	194127	41.724	ng	96
6) Aniline	6.528	93	323770	40.136	ng	# 78
8) 2-Chlorophenol	6.651	128	312758	43.183	ng	99
9) Benzaldehyde	6.416	77	46693	9.696	ng	98
10) Phenol	6.516	94	407826	42.664	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	307689	39.534	ng	100
12) 1,3-Dichlorobenzene	6.804	146	325155	39.908	ng	99
13) 1,4-Dichlorobenzene	6.881	146	328800	39.845	ng	99
14) 1,2-Dichlorobenzene	7.034	146	308910	39.943	ng	100
15) Benzyl Alcohol	7.010	79	297703	42.860	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	552012	40.970	ng	94
17) 2-Methylphenol	7.122	107	255681	42.287	ng	100
18) Hexachloroethane	7.375	117	124255	40.370	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	237462	40.630	ng	99
20) 3+4-Methylphenols	7.275	107	315955	41.604	ng	96
22) Acetophenone	7.275	105	428925	40.808	ng	99
24) Nitrobenzene	7.451	77	358260	39.559	ng	99
25) Isophorone	7.687	82	650090	41.850	ng	99
26) 2-Nitrophenol	7.763	139	166103	42.664	ng	96
27) 2,4-Dimethylphenol	7.804	122	242770m	50.936	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	380685	41.041	ng	99
29) 2,4-Dichlorophenol	8.010	162	261902	42.128	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	276391	39.313	ng	99
31) Naphthalene	8.169	128	916181	40.467	ng	100
32) Benzoic acid	7.939	122	188910	39.860	ng	99
33) 4-Chloroaniline	8.216	127	148074	19.322	ng	99
34) Hexachlorobutadiene	8.281	225	175553	38.585	ng	100
35) Caprolactam	8.592	113	86838m	42.588	ng	
36) 4-Chloro-3-methylphenol	8.704	107	294023	41.780	ng	99
37) 2-Methylnaphthalene	8.863	142	595477	40.384	ng	100
38) 1-Methylnaphthalene	8.963	142	558230	38.730	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	277741	40.515	ng	99
41) Hexachlorocyclopentadiene	9.010	237	309799	147.383	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	194353	42.056	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	203396	40.812	ng	98
46) 1,1'-Biphenyl	9.328	154	737459	40.164	ng	99
47) 2-Chloronaphthalene	9.351	162	558230	40.554	ng	99
48) 2-Nitroaniline	9.451	65	212658	43.037	ng	99
49) Acenaphthylene	9.769	152	912190	43.576	ng	100
50) Dimethylphthalate	9.628	163	681350	42.162	ng	100
51) 2,6-Dinitrotoluene	9.692	165	148999	40.815	ng	95
52) Acenaphthene	9.939	154	658810m	45.843	ng	
53) 3-Nitroaniline	9.857	138	104736	28.075	ng	98
54) 2,4-Dinitrophenol	9.969	184	178479	90.899	ng	98
55) Dibenzofuran	10.110	168	832615	41.380	ng	99
56) 4-Nitrophenol	10.028	139	235132	82.651	ng	99
57) 2,4-Dinitrotoluene	10.098	165	201196	42.164	ng	98
58) Fluorene	10.451	166	645706	40.291	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	169869	42.201	ng	99
60) Diethylphthalate	10.328	149	682950	40.915	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	318060	39.670	ng	97
62) 4-Nitroaniline	10.481	138	157482	41.270	ng	98
63) Azobenzene	10.604	77	693625	41.321	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	112183	43.310	ng	99
66) n-Nitrosodiphenylamine	10.563	169	579982	42.903	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	190229	40.455	ng	98
68) Hexachlorobenzene	10.998	284	213724	40.960	ng	99
69) Atrazine	11.092	200	188307	51.917	ng	99
70) Pentachlorophenol	11.198	266	231883	74.633	ng	97
71) Phenanthrene	11.416	178	905231	41.862	ng	100
72) Anthracene	11.469	178	926311	43.300	ng	100
73) Carbazole	11.622	167	836533	40.713	ng	100
74) Di-n-butylphthalate	11.951	149	1039261	41.594	ng	100
75) Fluoranthene	12.604	202	900355	38.088	ng	100
77) Benzidine	12.722	184	265879	64.912	ng	99
78) Pyrene	12.833	202	900601	43.363	ng	99
80) Butylbenzylphthalate	13.445	149	357629	48.140	ng	100
81) Benzo(a)anthracene	14.016	228	668674	43.798	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	165266	35.370	ng	99
83) Chrysene	14.057	228	592369	42.439	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	474444	51.145	ng	100
85) Di-n-octyl phthalate	14.616	149	712421	52.275	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	694759	47.294	ng	99
88) Benzo(b)fluoranthene	15.068	252	656841	40.702	ng	99
89) Benzo(k)fluoranthene	15.098	252	534509	39.046	ng	100
90) Benzo(a)pyrene	15.439	252	575867	45.256	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	571739	46.925	ng	99
92) Benzo(g,h,i)perylene	17.421	276	518187	42.406	ng	100

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



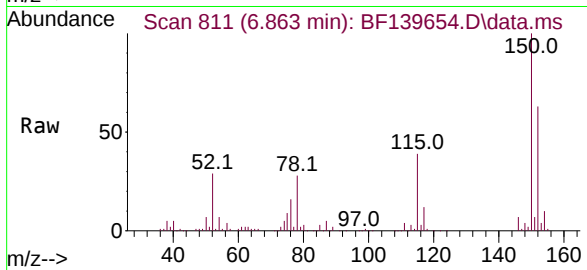
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

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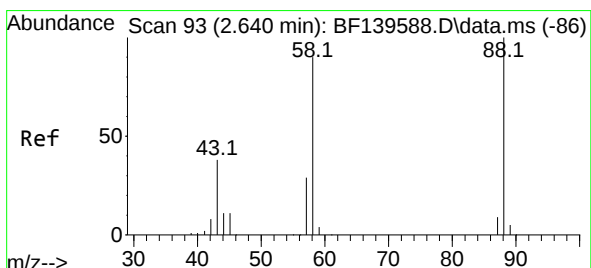
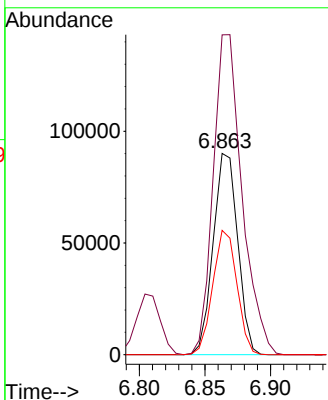
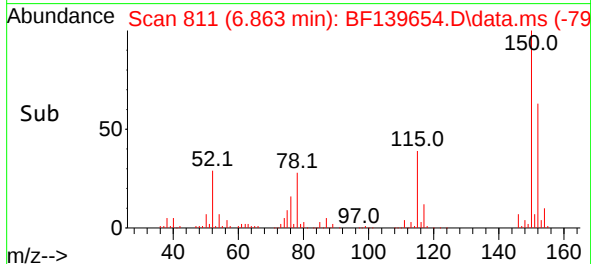
Tgt Ion:152 Resp: 11716
Ion Ratio Lower Upper
152 100
150 158.9 127.2 190.8
115 61.7 49.0 73.4

Manual Integrations

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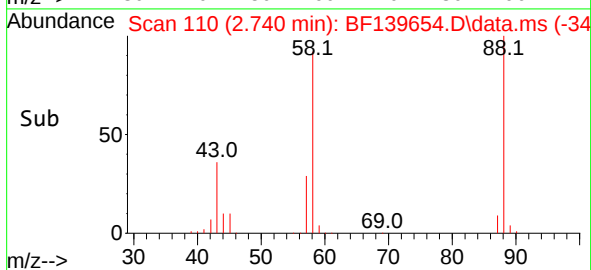
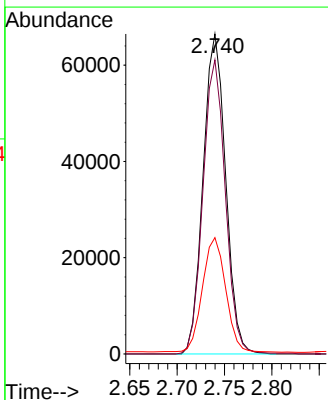
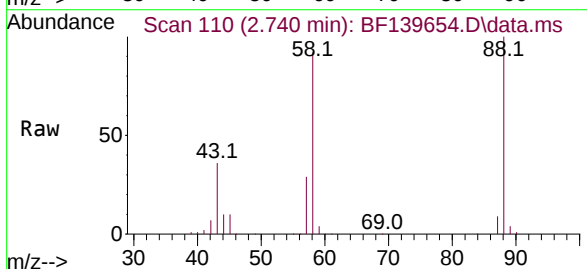
Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#2
1,4-Dioxane
Concen: 37.606 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.100 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion: 88 Resp: 109909
Ion Ratio Lower Upper
88 100
58 91.5 72.0 108.0
43 37.4 30.8 46.2





#3

Pyridine

Concen: 40.882 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

Tgt Ion: 79 Resp: 290590

Ion Ratio Lower Upper

79 100

52 89.1 72.6 109.0

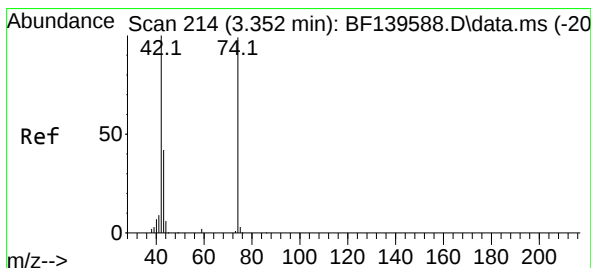
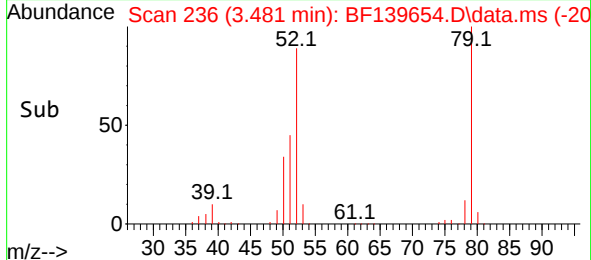
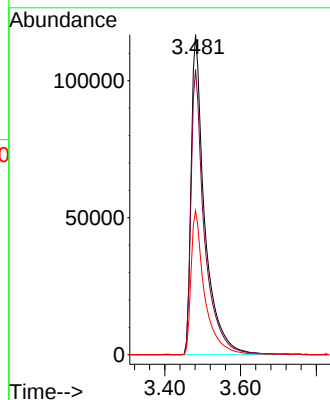
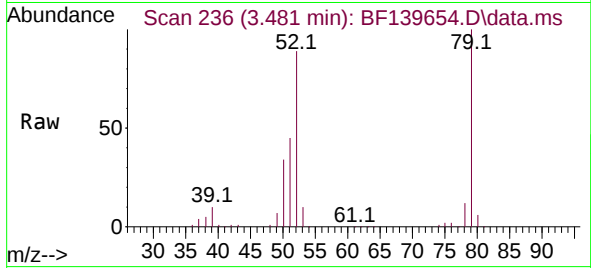
51 45.0 37.5 56.3

Manual Integrations

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Supervised By :mohammad ahmed 10/07/2024



#4

n-Nitrosodimethylamine

Concen: 41.724 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.094 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

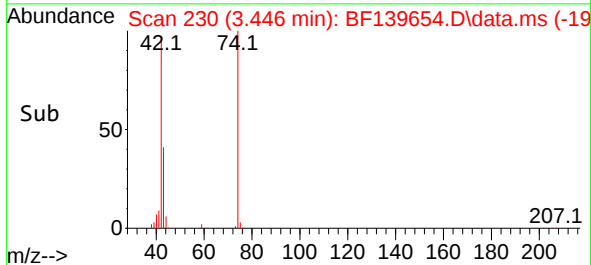
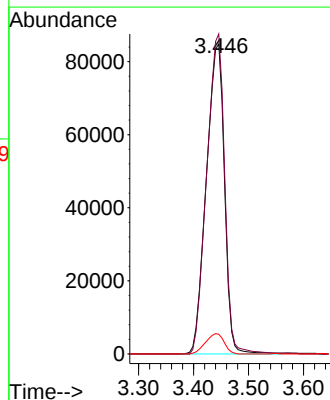
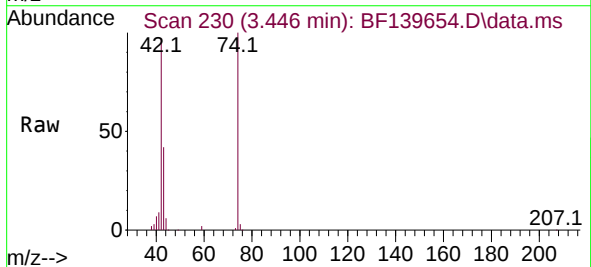
Tgt Ion: 42 Resp: 194127

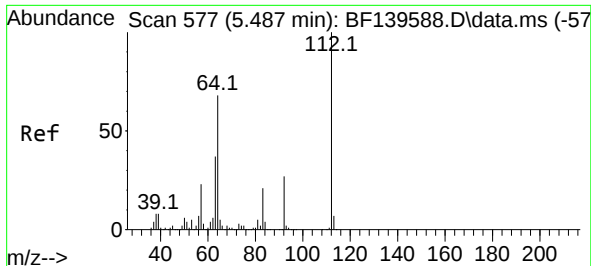
Ion Ratio Lower Upper

42 100

74 103.3 79.0 118.6

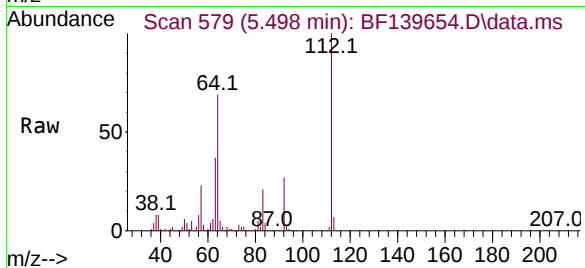
44 6.4 5.2 7.8





#5
2-Fluorophenol
Concen: 116.896 ng
RT: 5.498 min Scan# 511
Delta R.T. 0.011 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

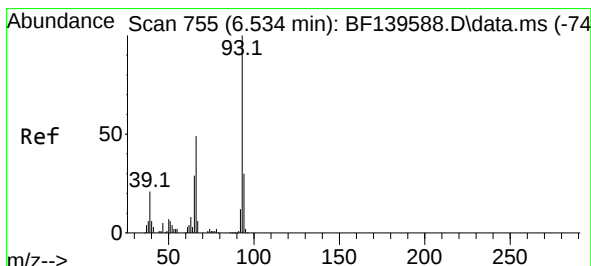
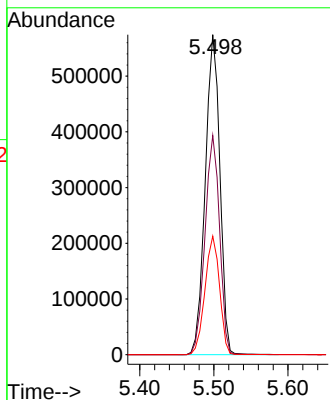
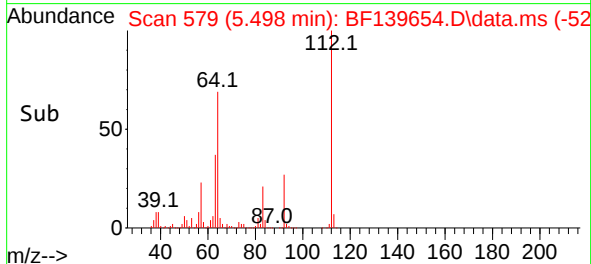
Instrument :
BNA_F
ClientSampleId :
PB163834BS



Tgt Ion:112 Resp: 790211
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 37.0 29.4 44.2

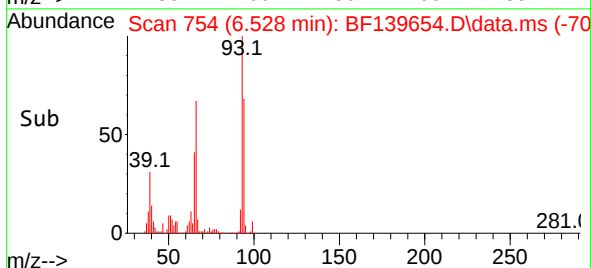
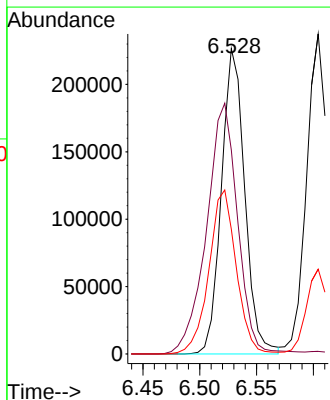
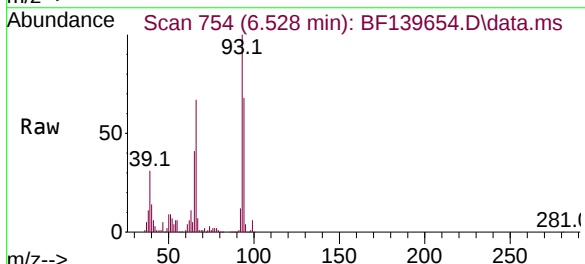
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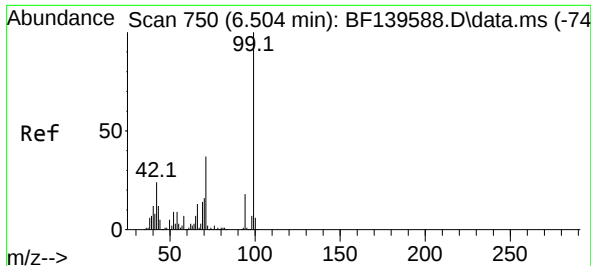
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#6
Aniline
Concen: 40.136 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

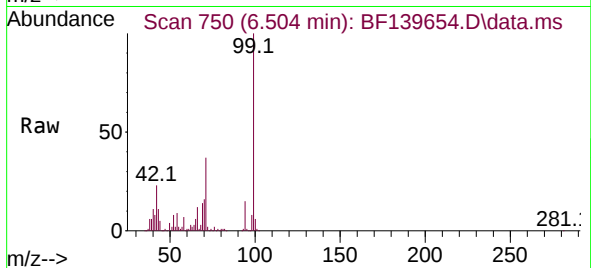
Tgt Ion: 93 Resp: 323770
Ion Ratio Lower Upper
93 100
66 66.9 40.9 61.3#
65 40.9 23.3 34.9#





#7
Phenol-d6
Concen: 114.156 ng
RT: 6.504 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

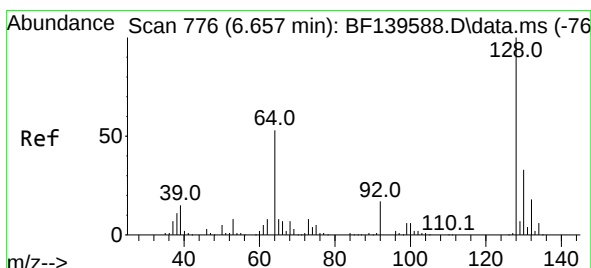
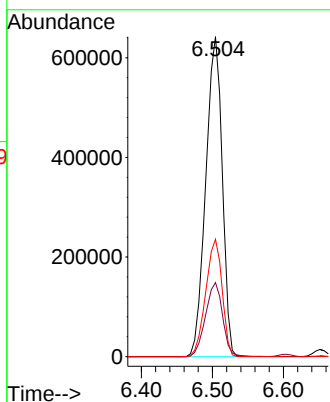
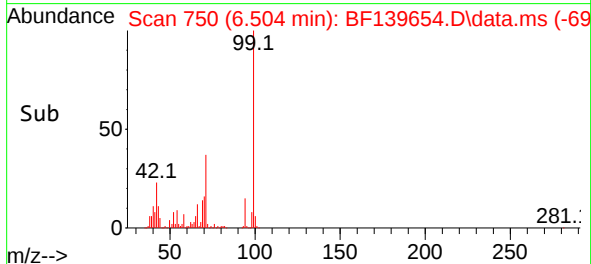
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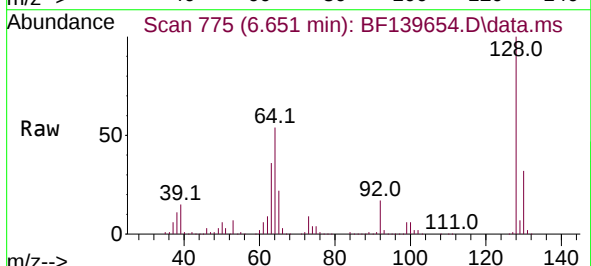
Tgt Ion: 99 Resp: 103776
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 36.7 29.7 44.5

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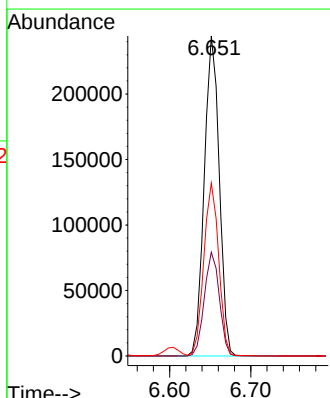
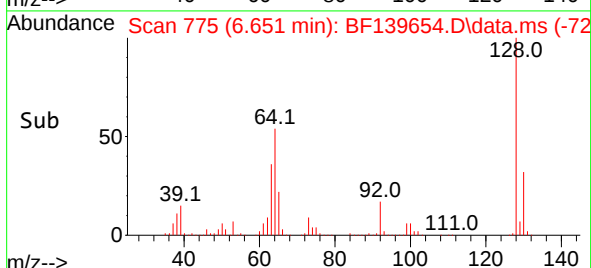
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#8
2-Chlorophenol
Concen: 43.183 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



Tgt Ion:128 Resp: 312758
Ion Ratio Lower Upper
128 100
130 32.4 13.2 53.2
64 54.0 35.1 75.1





#9

Benzaldehyde

Concen: 9.696 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

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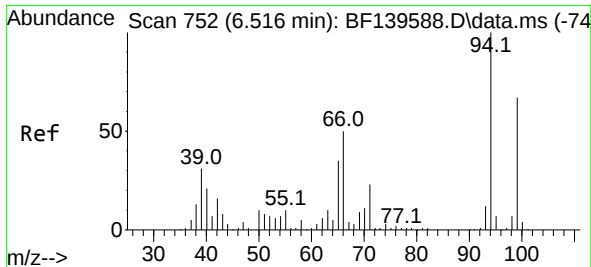
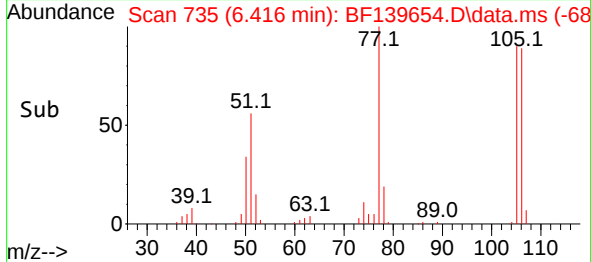
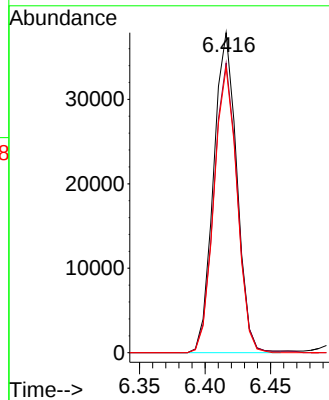
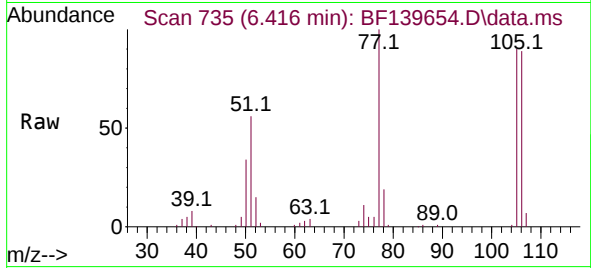
Tgt Ion: 77	Resp: 4669
Ion Ratio	Lower Upper
77 100	
105 90.5	72.7 112.7
106 89.1	70.1 110.1

Manual Integrations

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Supervised By :mohammad ahmed 10/07/2024



#10

Phenol

Concen: 42.664 ng

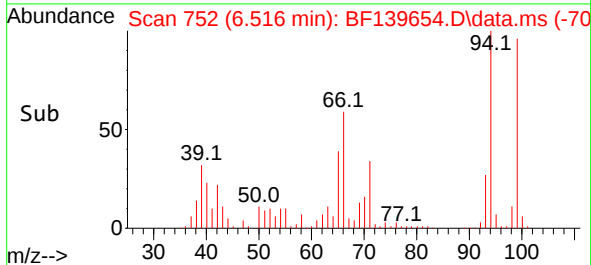
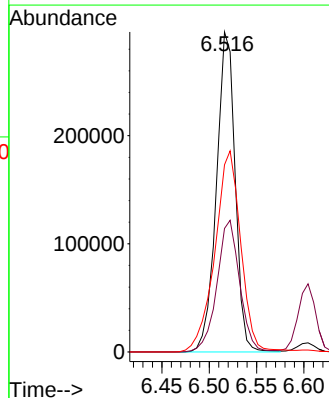
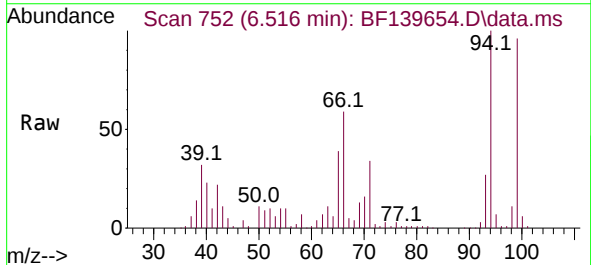
RT: 6.516 min Scan# 752

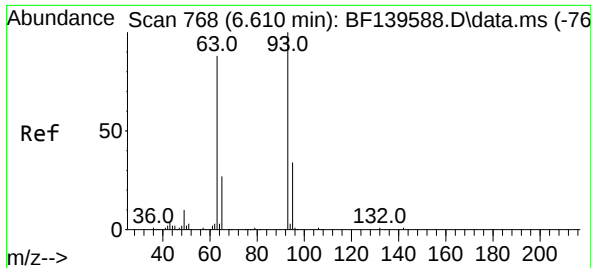
Delta R.T. -0.000 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Tgt Ion: 94	Resp: 407826
Ion Ratio	Lower Upper
94 100	
65 38.6	15.3 55.3
66 58.5	30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 39.534 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

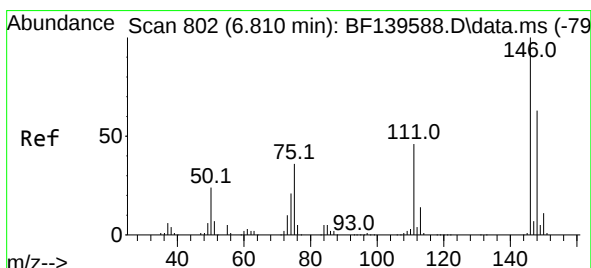
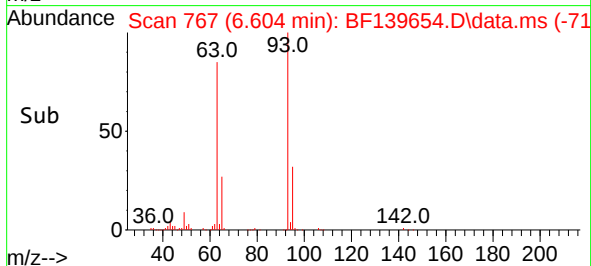
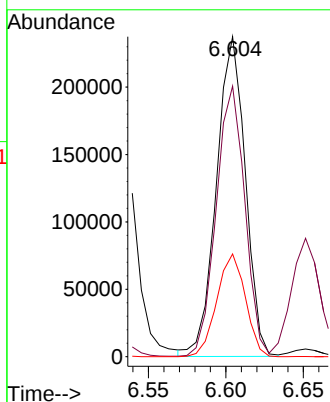
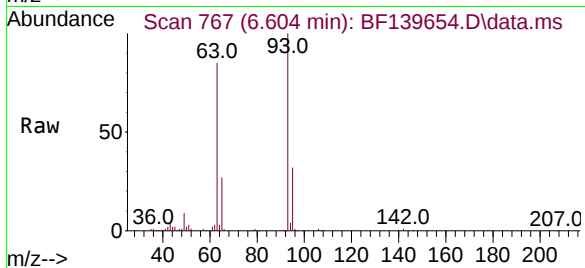
ClientSampleId :

PB163834BS

Tgt Ion: 93 Resp: 307689
Ion Ratio Lower Upper
93 100
63 84.6 64.1 104.1
95 32.1 12.3 52.3

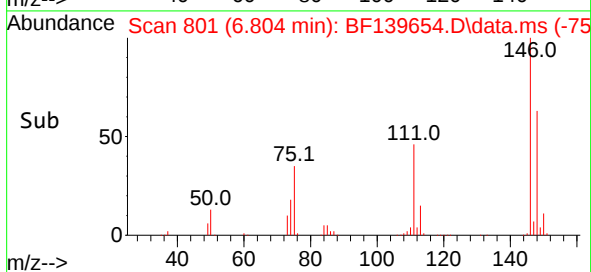
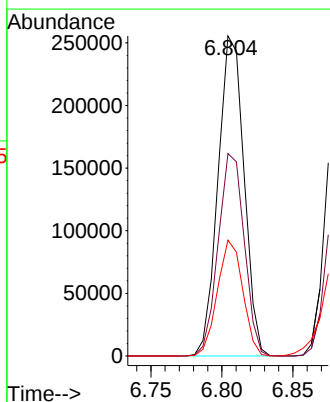
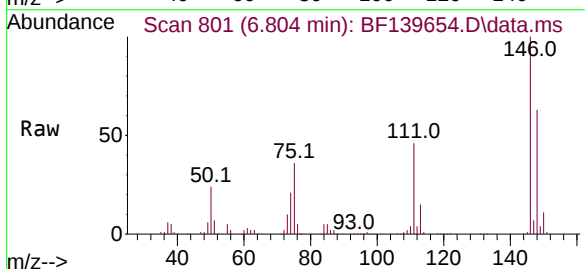
Manual Integrations
APPROVED

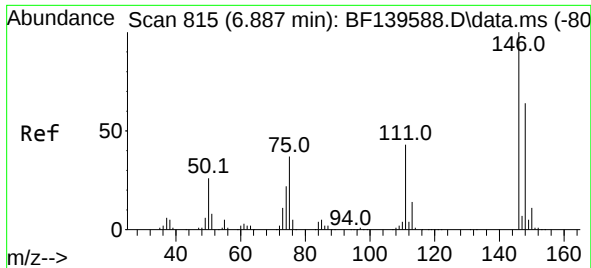
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#12
1,3-Dichlorobenzene
Concen: 39.908 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion:146 Resp: 325155
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.4
75 36.2 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 39.845 ng

RT: 6.881 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

Tgt Ion:146 Resp: 328800

Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.6

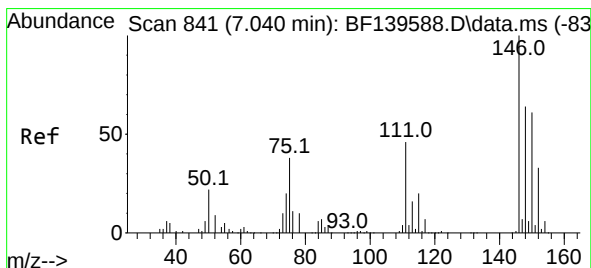
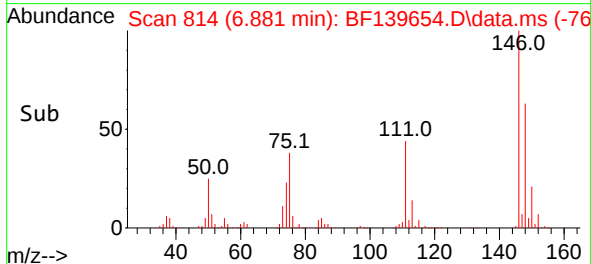
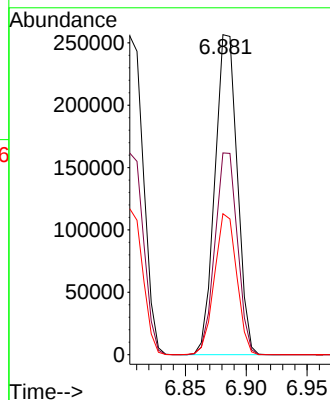
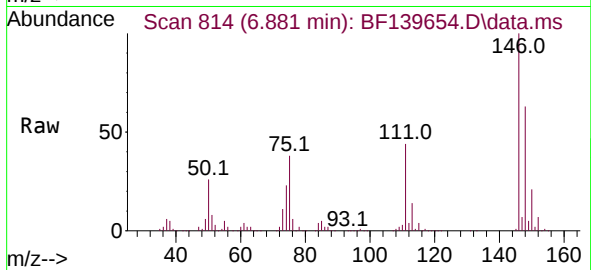
111 44.1 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#14

1,2-Dichlorobenzene

Concen: 39.943 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

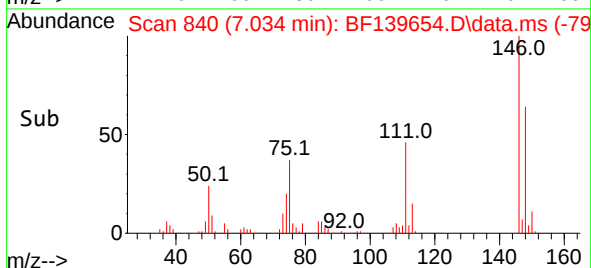
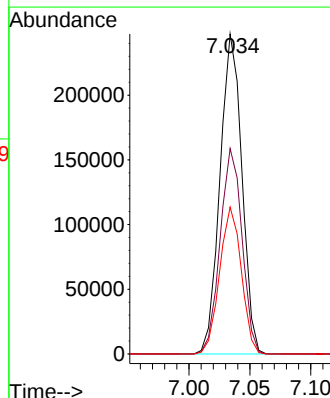
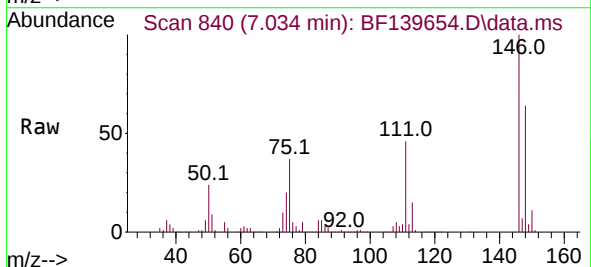
Tgt Ion:146 Resp: 308910

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

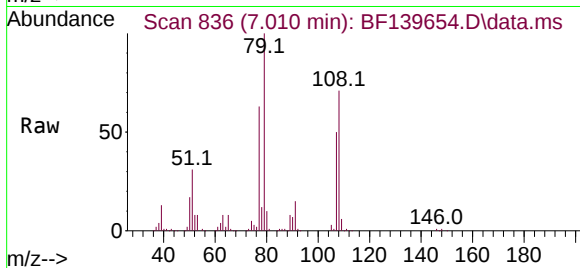
111 45.9 37.0 55.6





#15
Benzyl Alcohol
Concen: 42.860 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

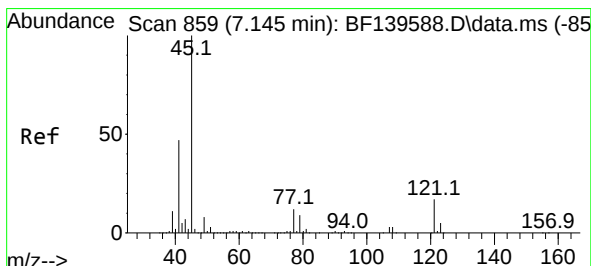
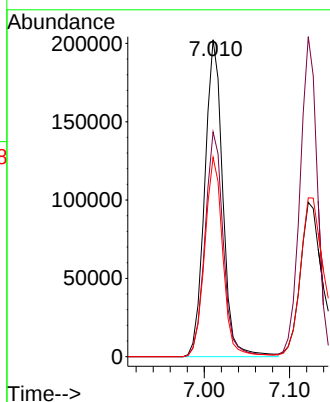
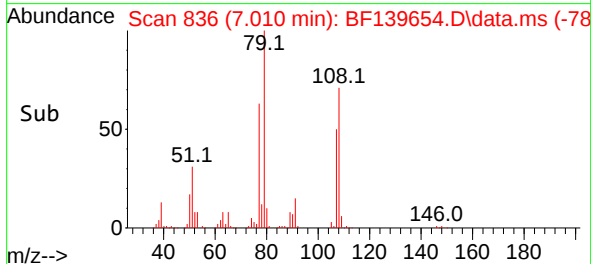
Instrument :
BNA_F
ClientSampleId :
PB163834BS



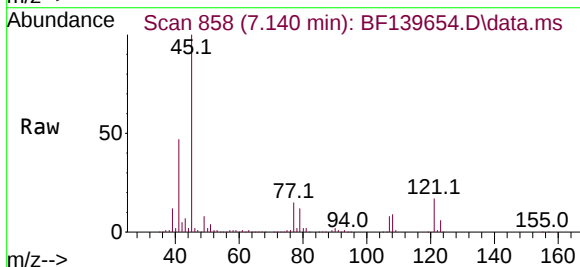
Tgt Ion: 79 Resp: 29770
Ion Ratio Lower Upper
79 100
108 70.9 55.1 82.7
77 62.9 50.8 76.2

Manual Integrations
APPROVED

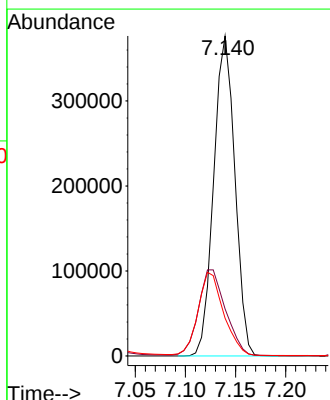
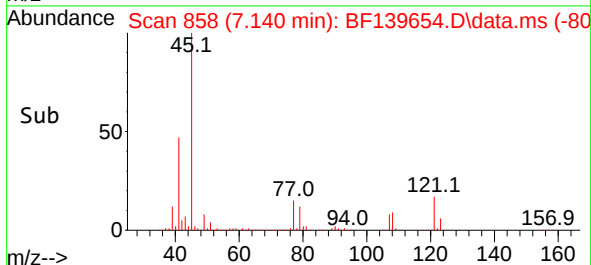
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

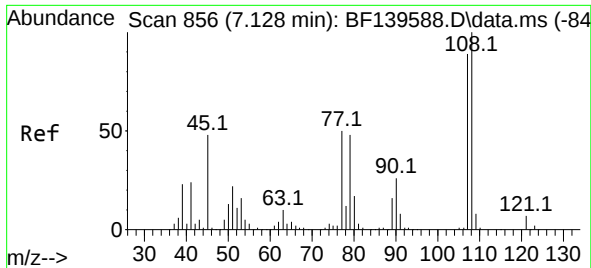


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.970 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



Tgt Ion: 45 Resp: 552012
Ion Ratio Lower Upper
45 100
77 14.7 0.0 32.5
79 11.8 0.0 29.7





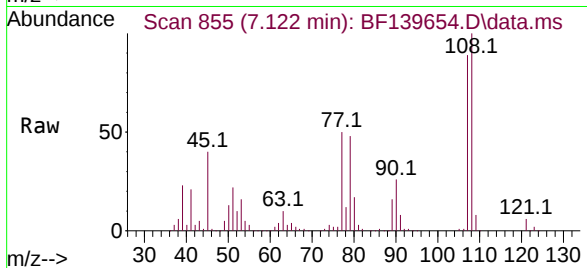
#17
2-Methylphenol
Concen: 42.287 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS



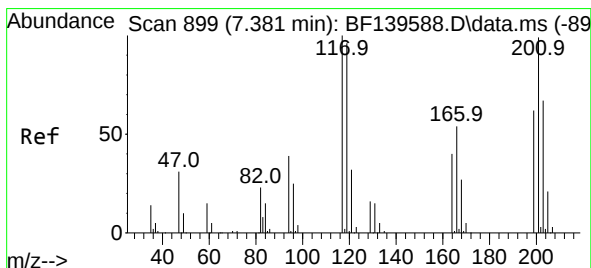
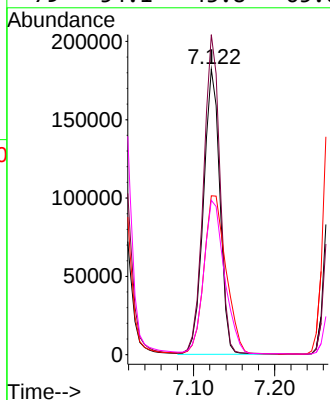
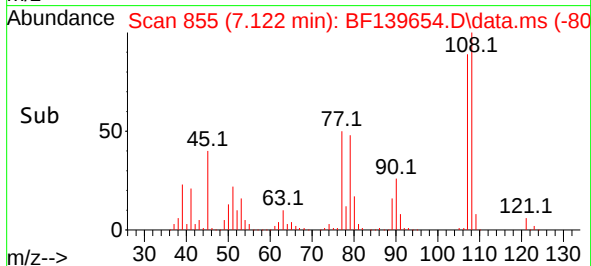
Tgt Ion:107 Resp: 25568
Ion Ratio Lower Upper
107 100
108 112.1 89.8 134.6
77 55.6 44.6 67.0
79 54.1 43.8 65.6

Manual Integrations

APPROVED

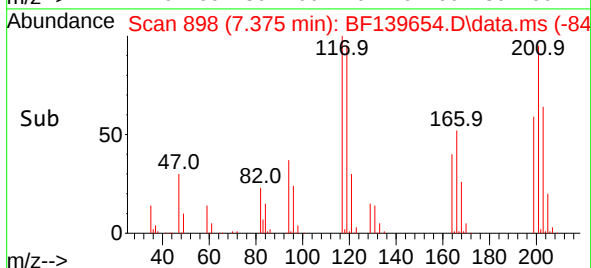
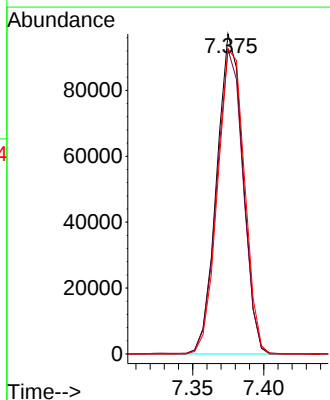
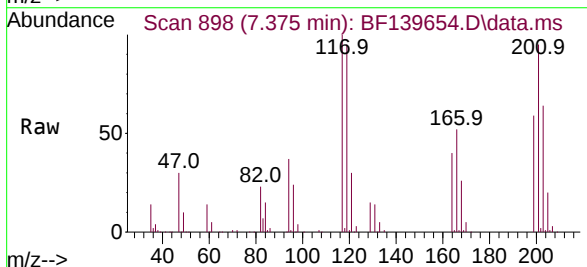
Reviewed By :Yogesh Patel 10/07/2024

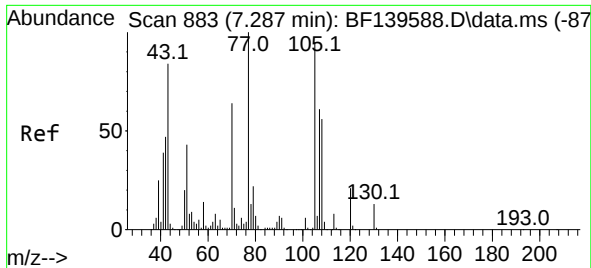
Supervised By :mohammad ahmed 10/07/2024



#18
Hexachloroethane
Concen: 40.370 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion:117 Resp: 124255
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.6
201 95.4 79.2 118.8





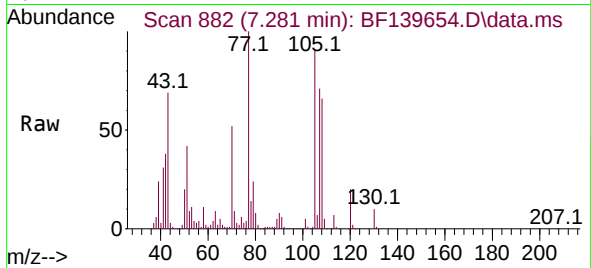
#19
n-Nitroso-di-n-propylamine
Concen: 40.630 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS



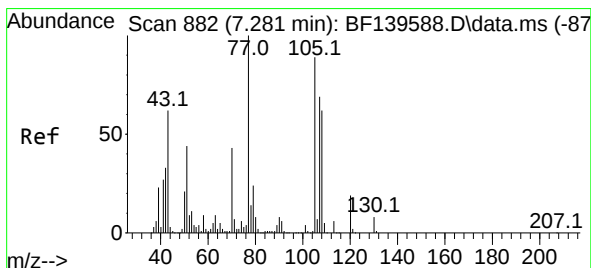
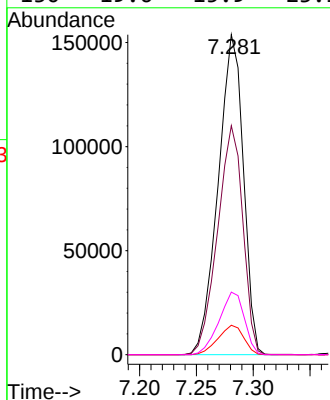
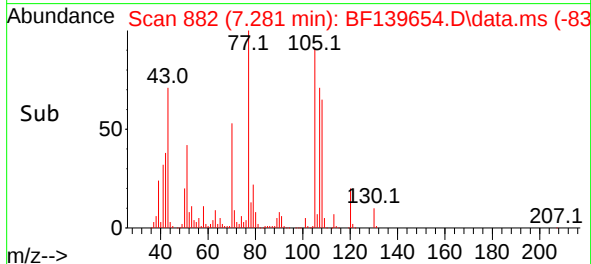
Tgt Ion: 70 Resp: 237462
Ion Ratio Lower Upper
70 100
42 71.6 58.0 87.0
101 9.2 7.8 11.8
130 19.6 15.9 23.9

Manual Integrations

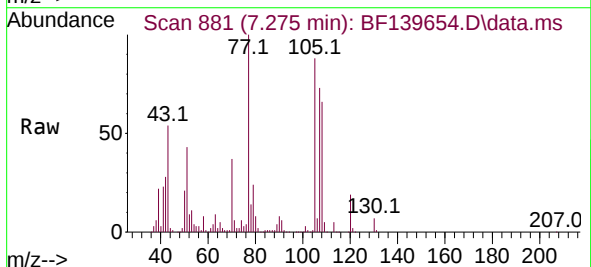
APPROVED

Reviewed By :Yogesh Patel 10/07/2024

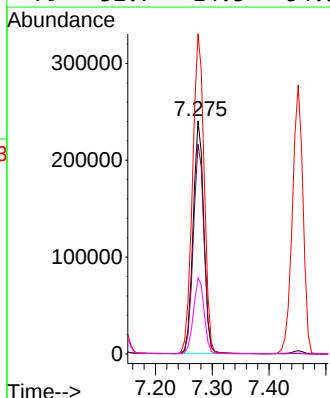
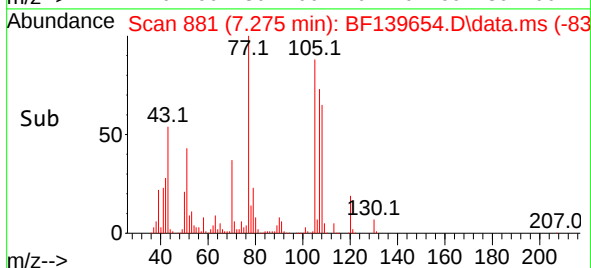
Supervised By :mohammad ahmed 10/07/2024



#20
3+4-Methylphenols
Concen: 41.604 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



Tgt Ion:107 Resp: 315955
Ion Ratio Lower Upper
107 100
108 90.1 70.2 110.2
77 137.4 125.3 165.3
79 32.7 14.3 54.3





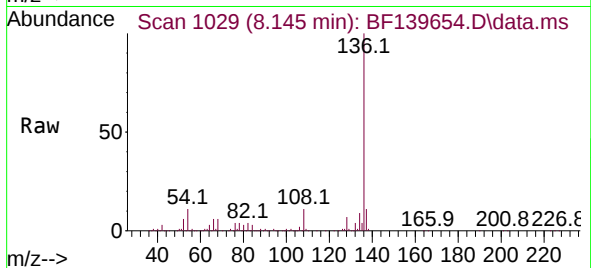
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

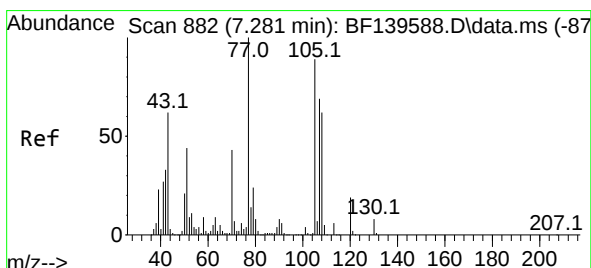
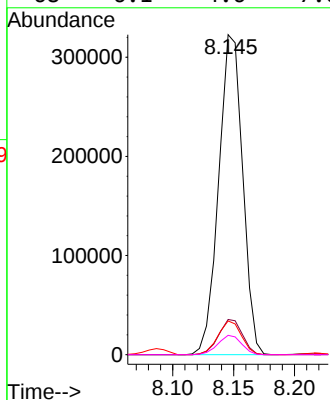
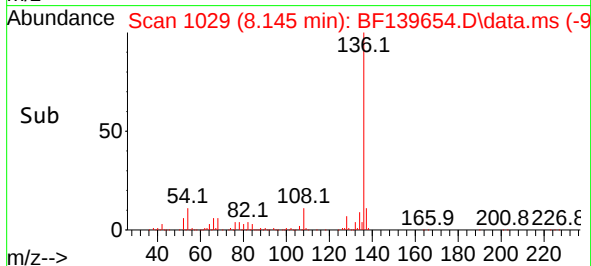


Tgt Ion:136 Resp: 442808
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.5 8.3 12.5
68 6.1 4.6 7.0

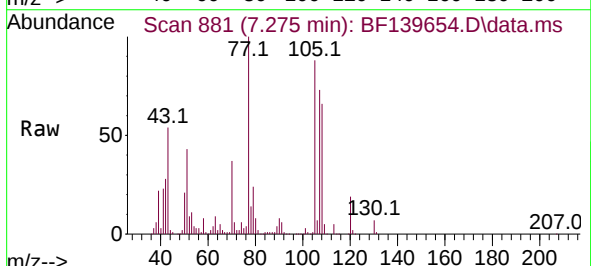
Manual Integrations

APPROVED

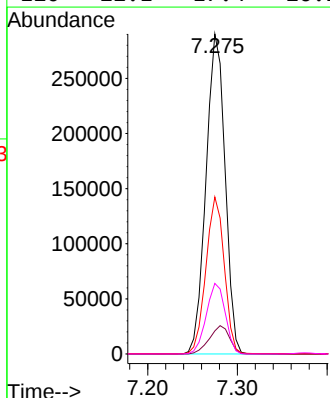
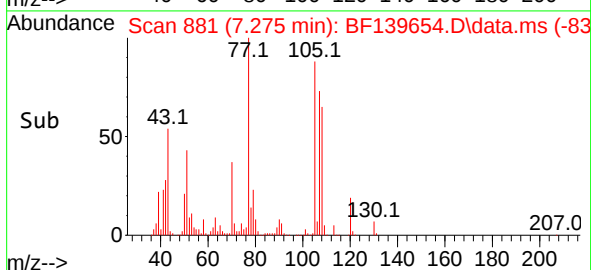
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

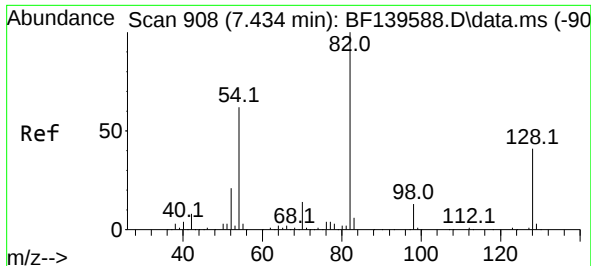


#22
Acetophenone
Concen: 40.808 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



Tgt Ion:105 Resp: 428925
Ion Ratio Lower Upper
105 100
71 7.2 6.6 10.0
51 49.0 39.4 59.0
120 22.1 17.4 26.2





#23

Nitrobenzene-d5

Concen: 78.890 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF139654.D

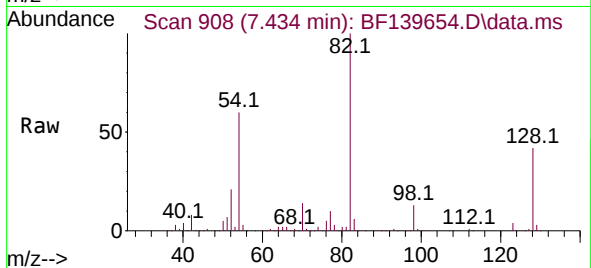
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS



Tgt Ion: 82 Resp: 68996

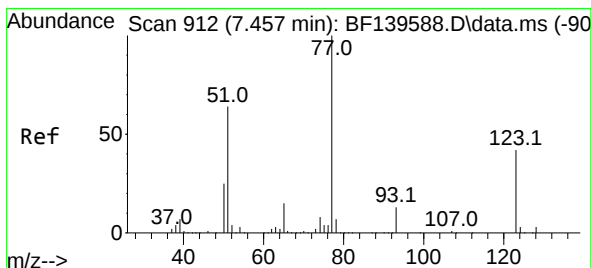
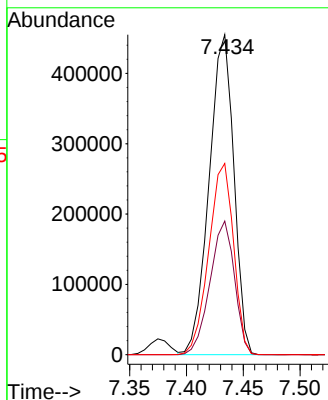
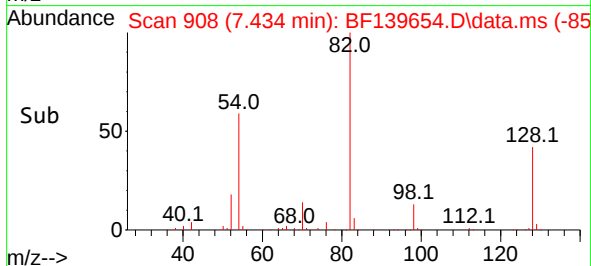
Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.4	48.6
54	59.8	49.1	73.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#24

Nitrobenzene

Concen: 39.559 ng

RT: 7.451 min Scan# 911

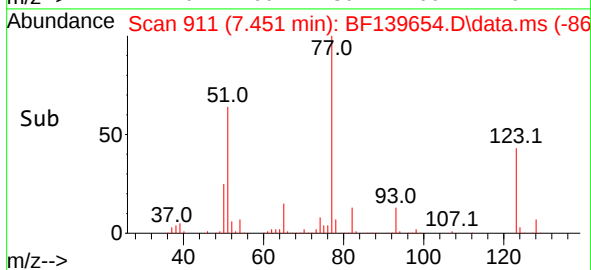
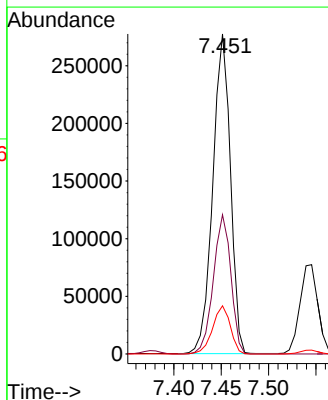
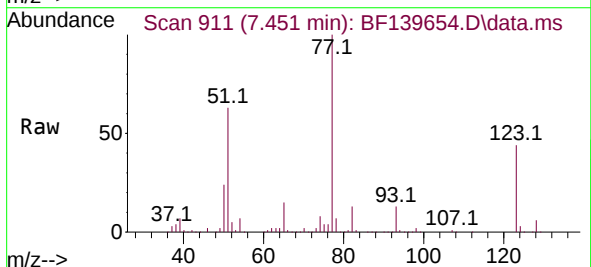
Delta R.T. -0.006 min

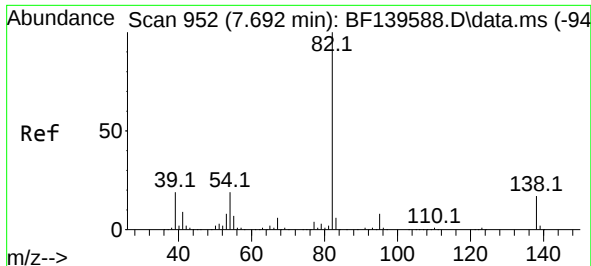
Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Tgt Ion: 77 Resp: 358260

Ion	Ratio	Lower	Upper
77	100		
123	43.5	34.2	51.4
65	15.1	12.1	18.1





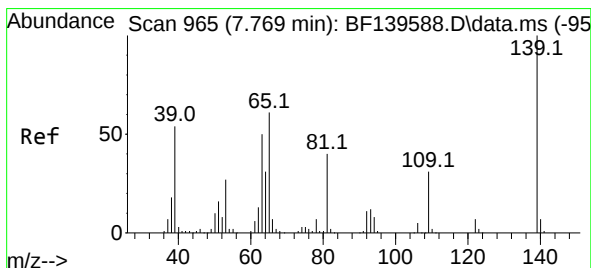
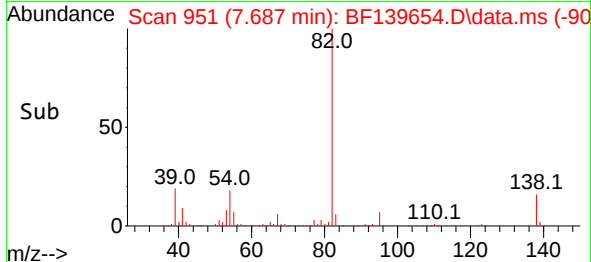
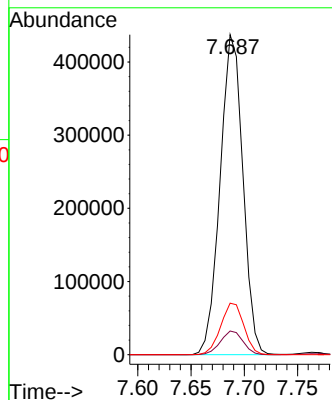
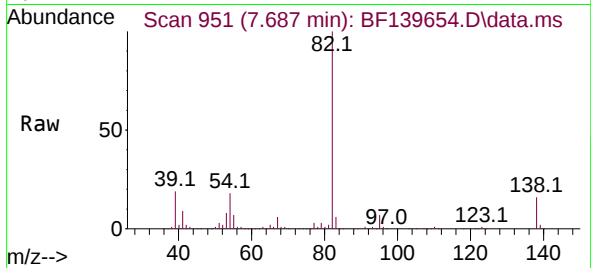
#25
Isophorone
Concen: 41.850 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB163834BS

Tgt Ion: 82 Resp: 650090
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 16.1 13.4 20.2

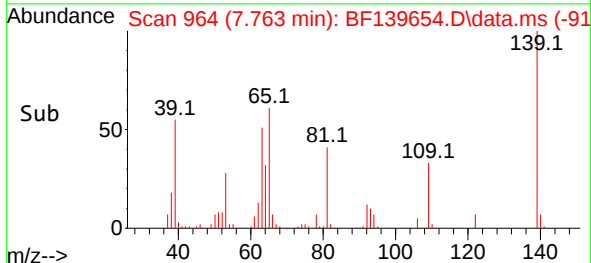
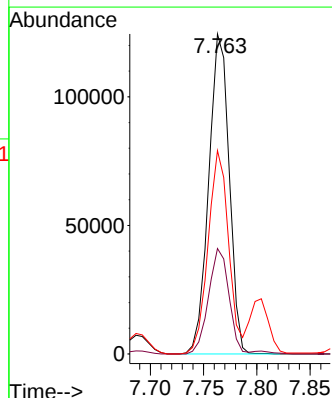
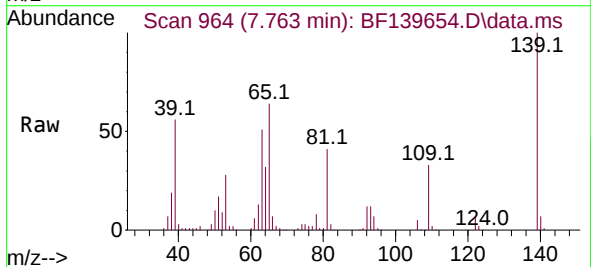
Manual Integrations
APPROVED

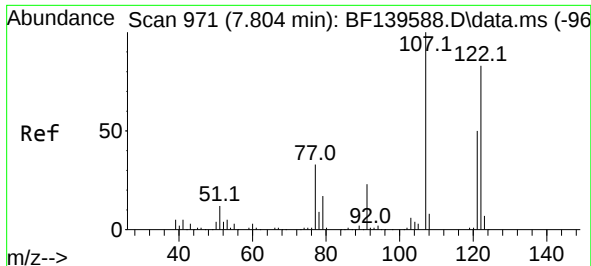
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#26
2-Nitrophenol
Concen: 42.664 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion:139 Resp: 166103
Ion Ratio Lower Upper
139 100
109 32.9 24.9 37.3
65 63.6 48.6 72.8





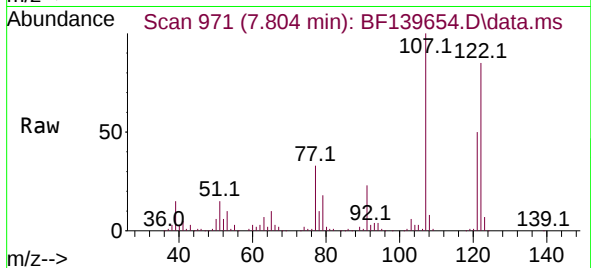
#27
2,4-Dimethylphenol
Concen: 50.936 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

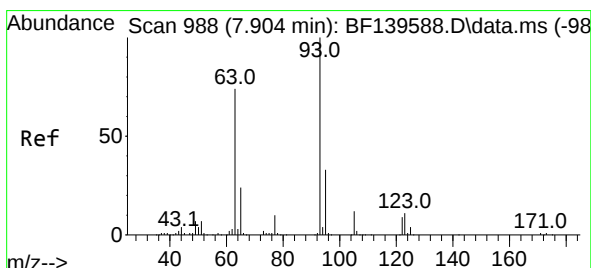
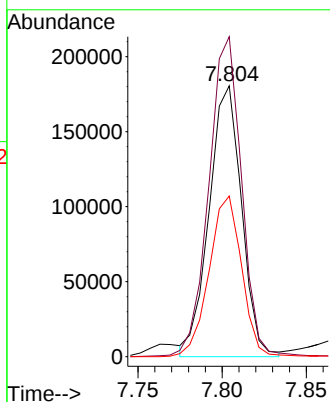
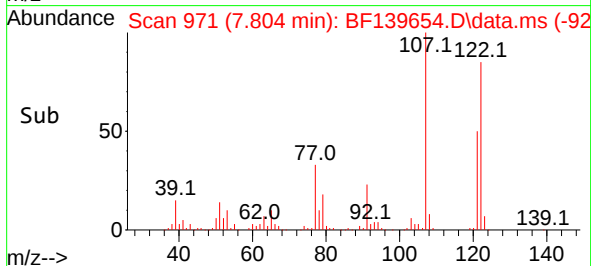
PB163834BS



Tgt Ion:122 Resp: 242770
Ion Ratio Lower Upper
122 100
107 118.1 95.4 143.0
121 59.3 47.4 71.2

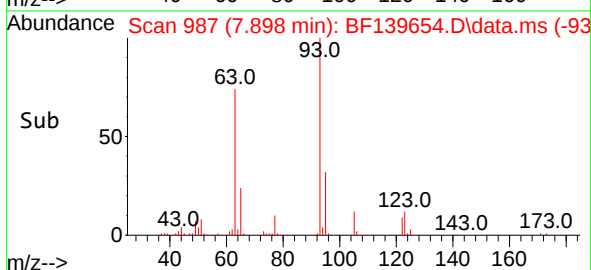
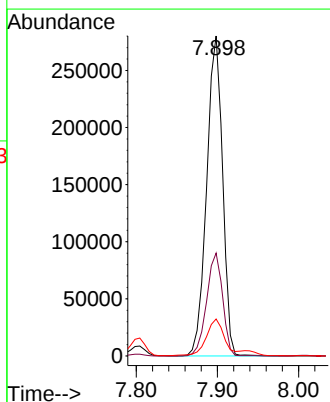
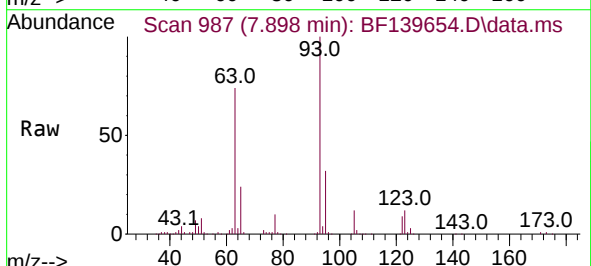
Manual Integrations
APPROVED

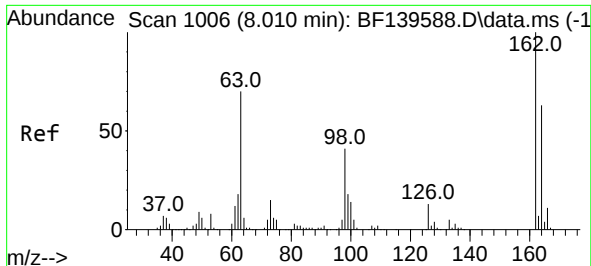
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.041 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion: 93 Resp: 380685
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.128 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

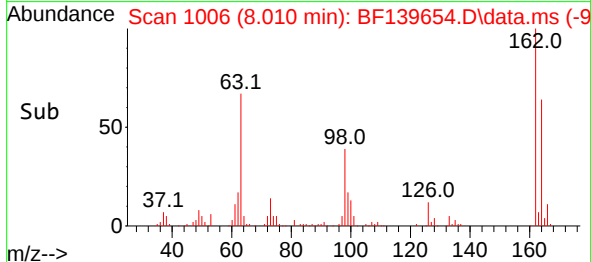
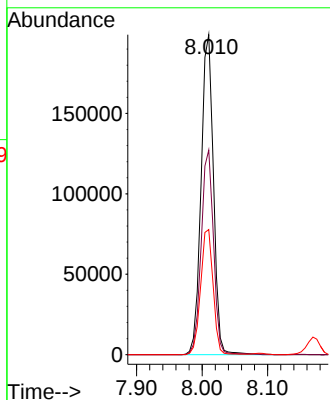
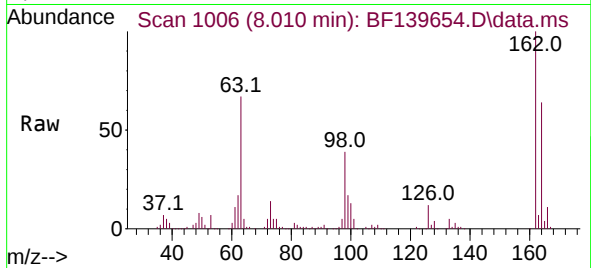
Tgt Ion:162	Resp: 26190
Ion Ratio	Lower Upper
162 100	
164 63.9	43.1 83.1
98 39.1	20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.313 ng

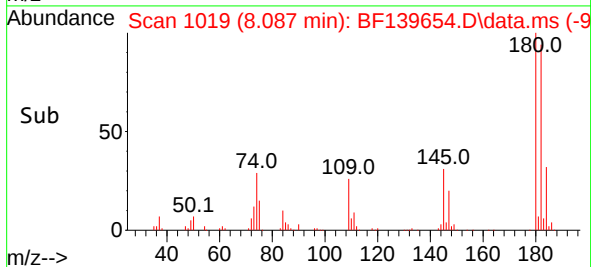
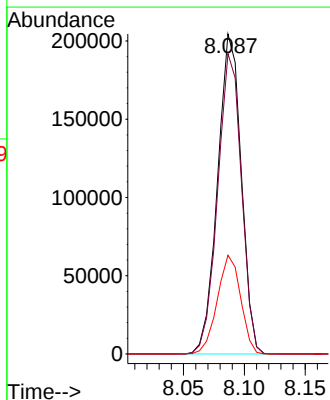
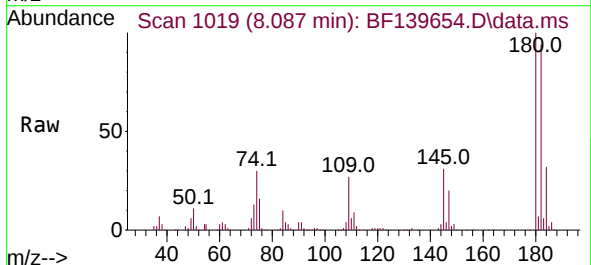
RT: 8.087 min Scan# 1019

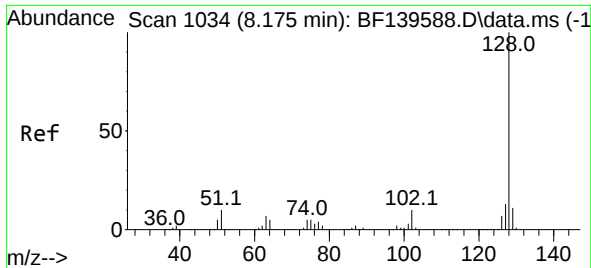
Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Tgt Ion:180	Resp: 276391
Ion Ratio	Lower Upper
180 100	
182 93.9	76.0 114.0
145 30.9	25.0 37.6





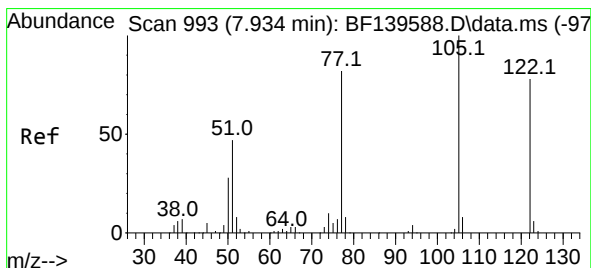
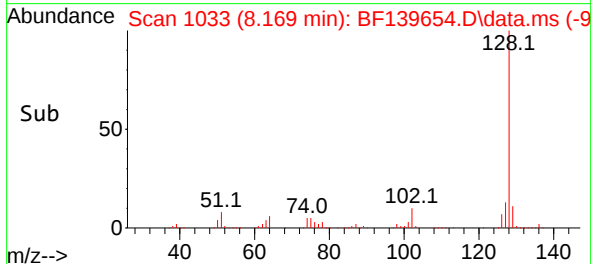
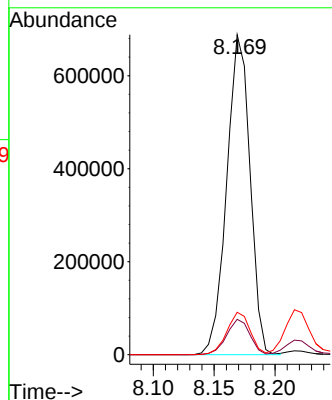
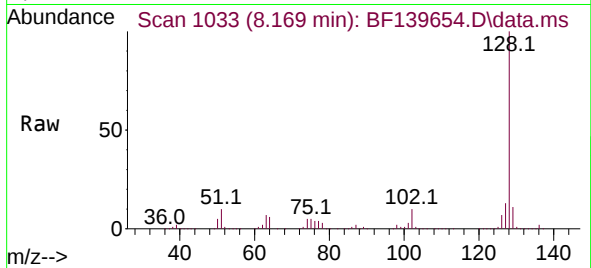
#31
Naphthalene
Concen: 40.467 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB163834BS

Tgt Ion:128 Resp: 91618
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.5 15.7

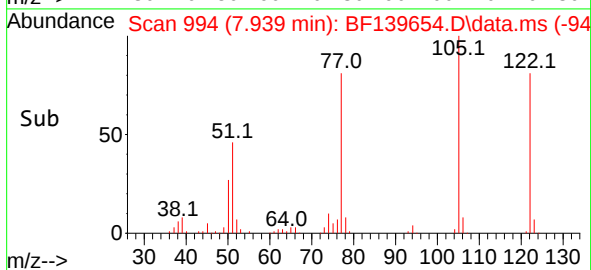
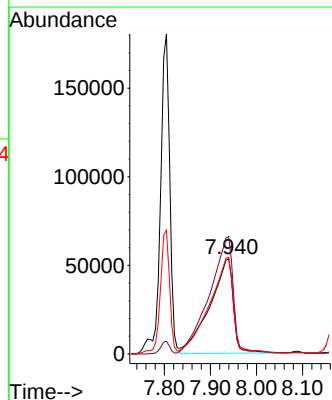
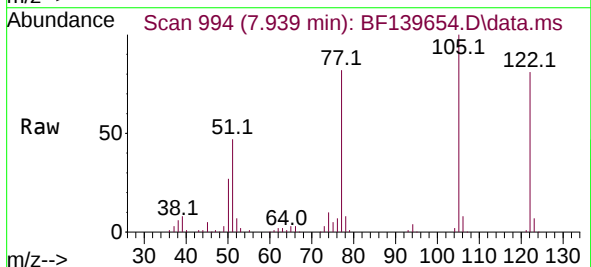
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#32
Benzoic acid
Concen: 39.860 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion:122 Resp: 188910
Ion Ratio Lower Upper
122 100
105 123.3 104.9 144.9
77 101.4 82.7 122.7





#33
4-Chloroaniline
Concen: 19.322 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

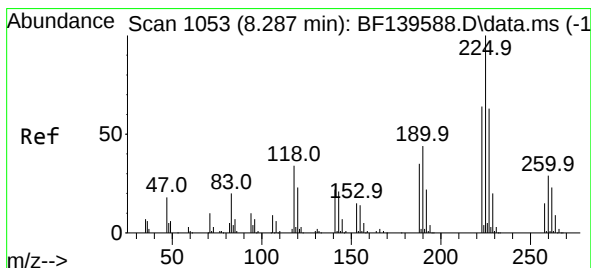
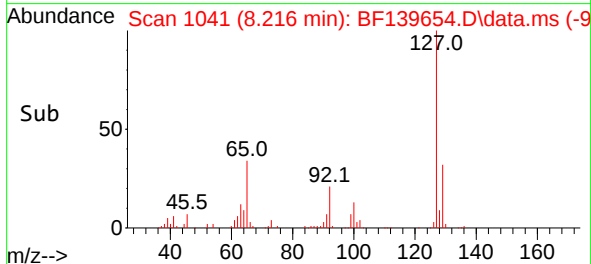
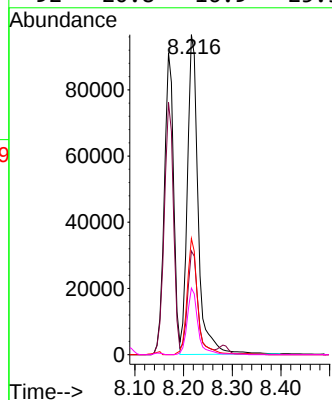
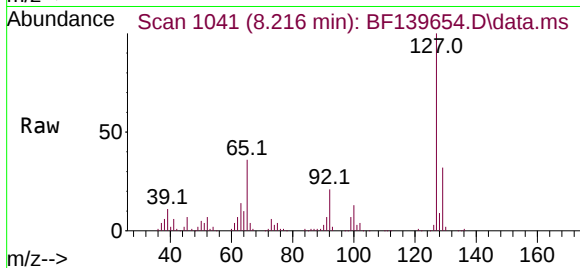
ClientSampleId :

PB163834BS

Tgt Ion:127 Resp: 148074
Ion Ratio Lower Upper
127 100
129 32.4 26.2 39.4
65 36.3 29.3 43.9
92 20.8 16.9 25.3

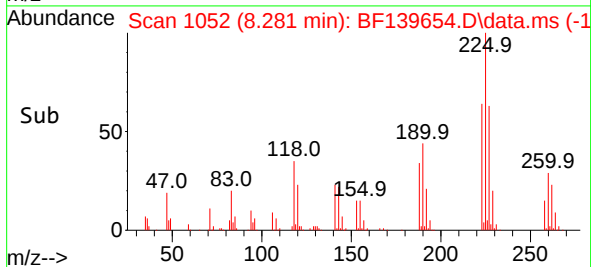
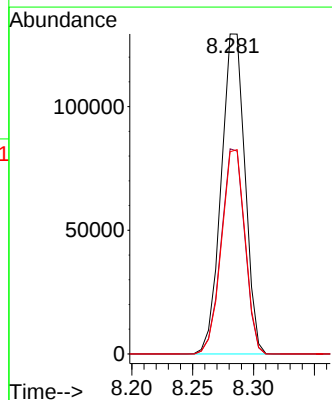
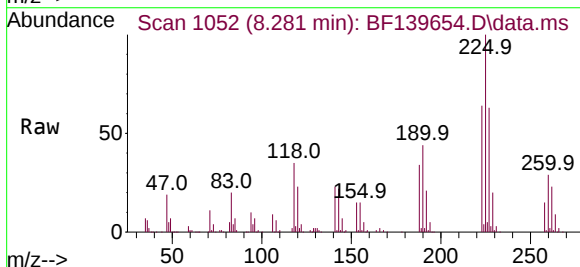
Manual Integrations
APPROVED

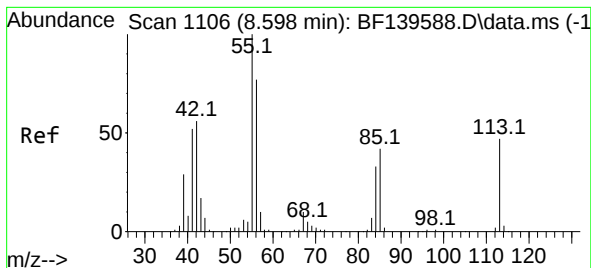
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#34
Hexachlorobutadiene
Concen: 38.585 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion:225 Resp: 175553
Ion Ratio Lower Upper
225 100
223 64.1 50.9 76.3
227 63.2 50.7 76.1





#35

Caprolactam

Concen: 42.588 ng m

RT: 8.592 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

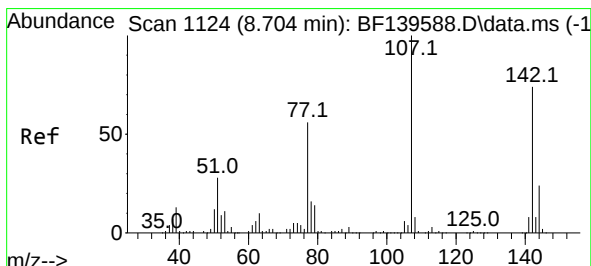
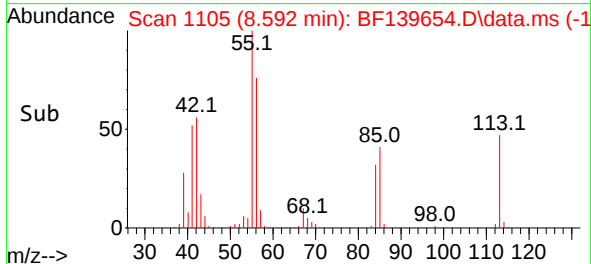
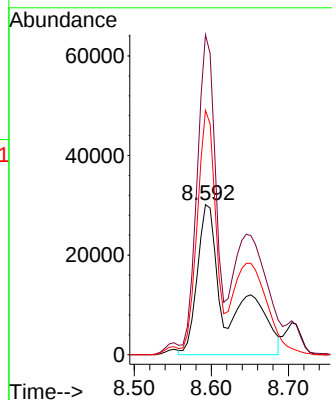
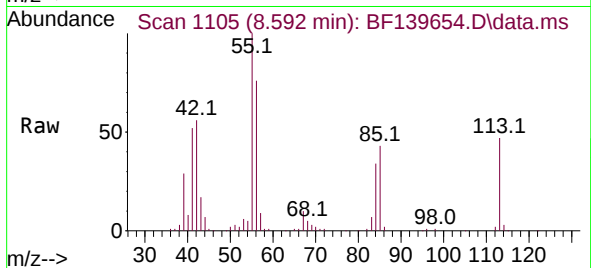
ClientSampleId :

PB163834BS

Tgt Ion:113 Resp: 86838
 Ion Ratio Lower Upper
 113 100
 55 213.1 193.4 233.4
 56 162.7 143.8 183.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :mohammad ahmed 10/07/2024



#36

4-Chloro-3-methylphenol

Concen: 41.780 ng

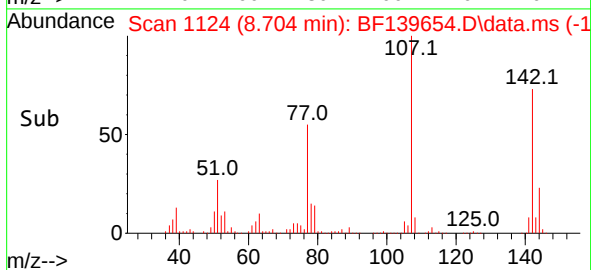
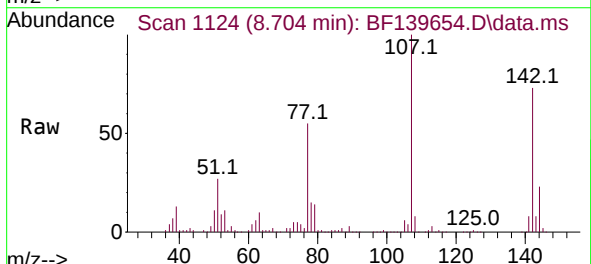
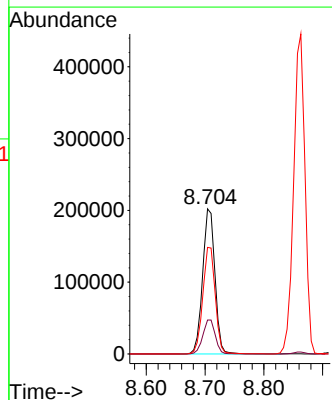
RT: 8.704 min Scan# 1124

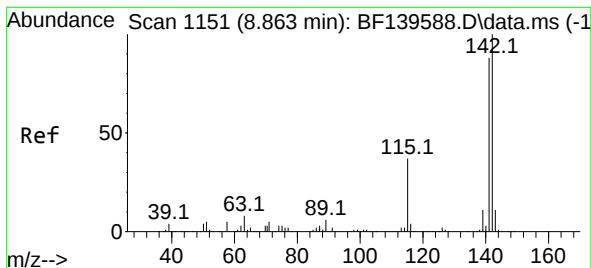
Delta R.T. -0.000 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Tgt Ion:107 Resp: 294023
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.0 28.6
 142 73.4 59.2 88.8





#37
2-Methylnaphthalene
Concen: 40.384 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

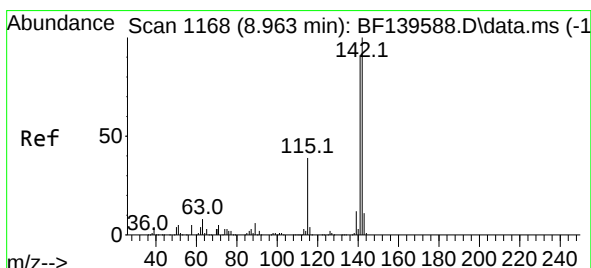
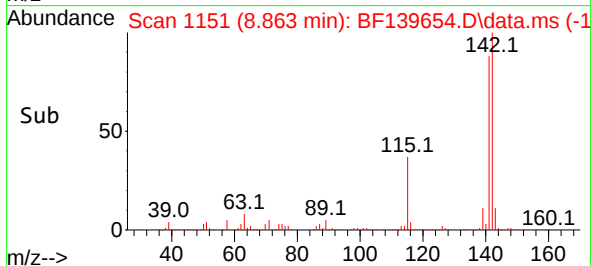
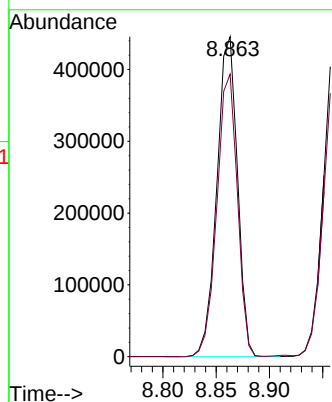
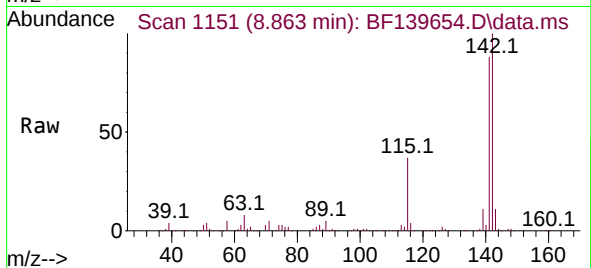
PB163834BS

Tgt Ion:142 Resp: 59547
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6

Manual Integrations

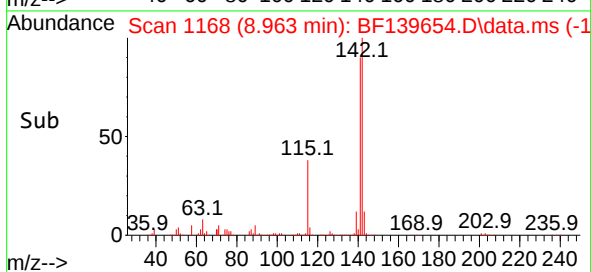
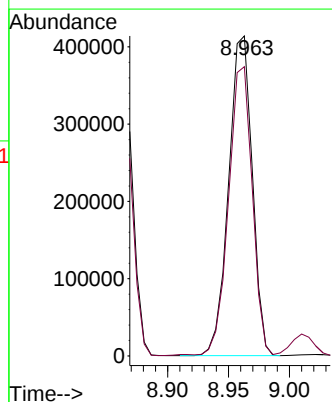
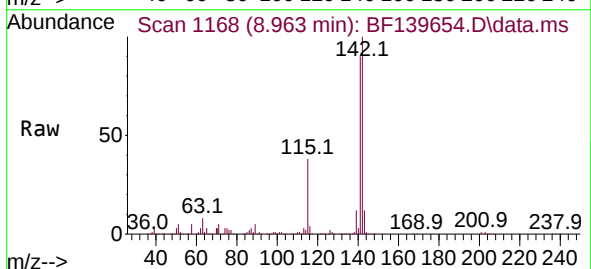
APPROVED

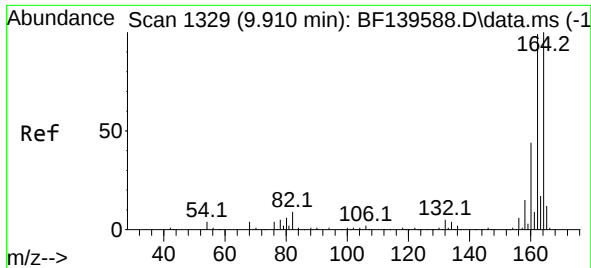
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#38
1-Methylnaphthalene
Concen: 38.730 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion:142 Resp: 558230
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

Tgt Ion:164 Resp: 246870

Ion Ratio Lower Upper

164 100

162 98.3 79.4 119.0

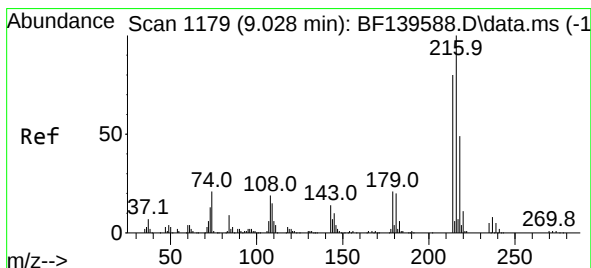
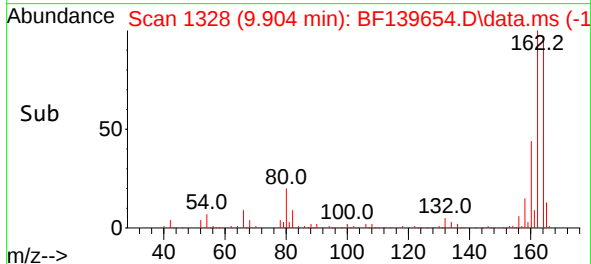
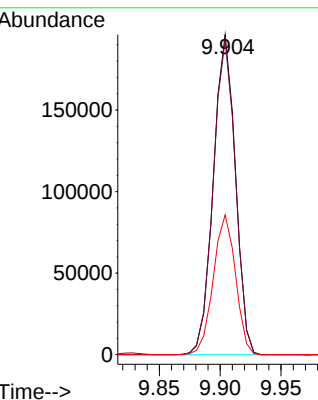
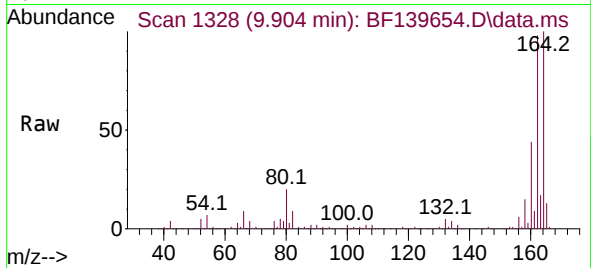
160 43.7 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.515 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Tgt Ion:216 Resp: 277741

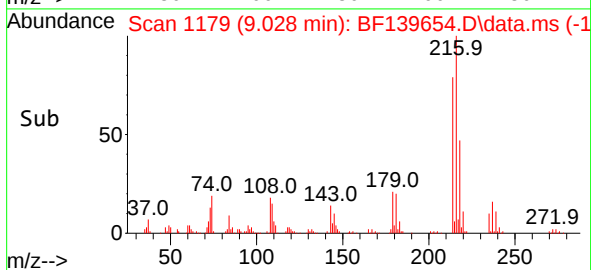
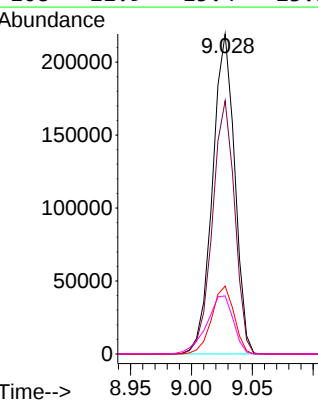
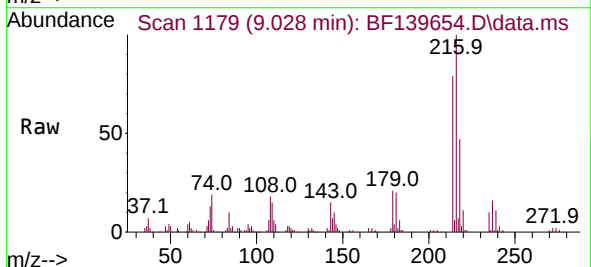
Ion Ratio Lower Upper

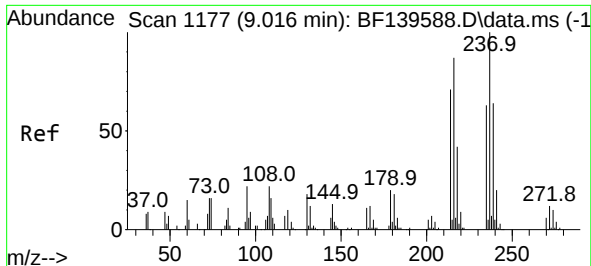
216 100

214 79.2 63.7 95.5

179 21.4 16.9 25.3

108 21.9 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 147.383 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

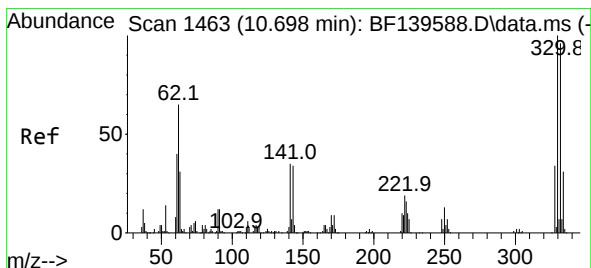
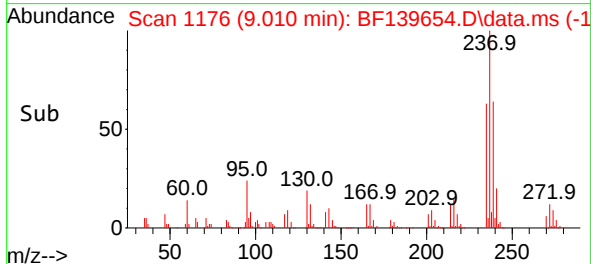
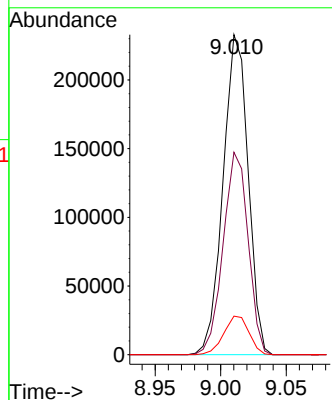
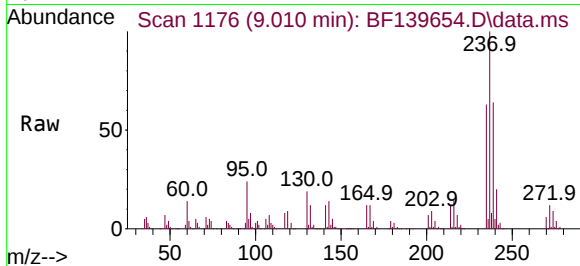
PB163834BS

Tgt Ion:237 Resp: 309799
Ion Ratio Lower Upper
237 100
235 63.2 42.5 82.5
272 12.1 0.0 32.1

Manual Integrations

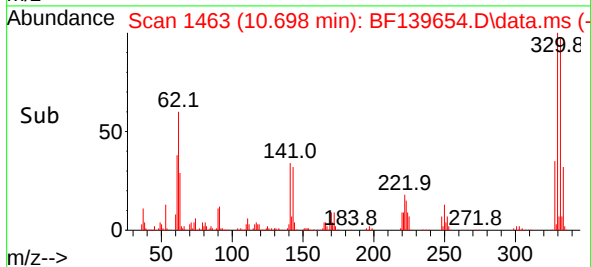
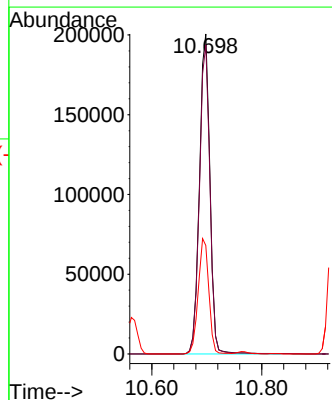
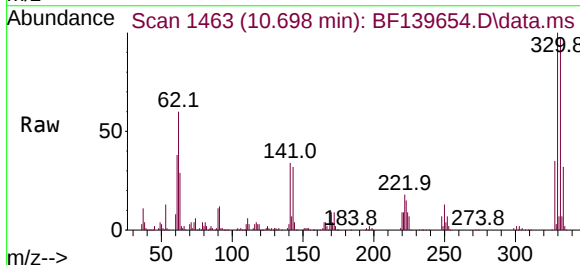
APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#42
2,4,6-Tribromophenol
Concen: 111.677 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion:330 Resp: 266141
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 36.4 29.3 43.9





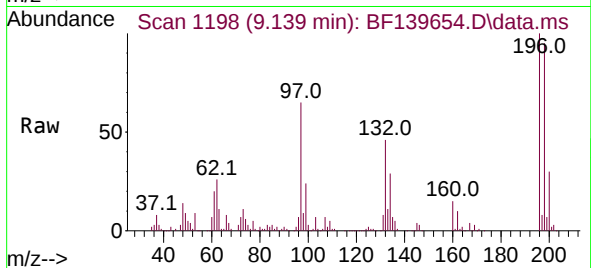
#43
2,4,6-Trichlorophenol
Concen: 42.056 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS



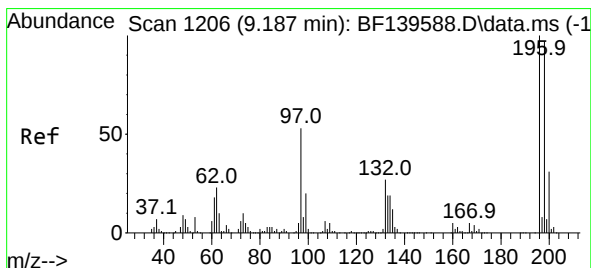
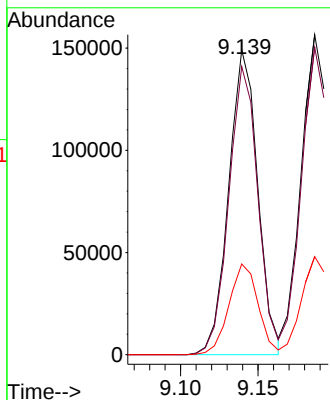
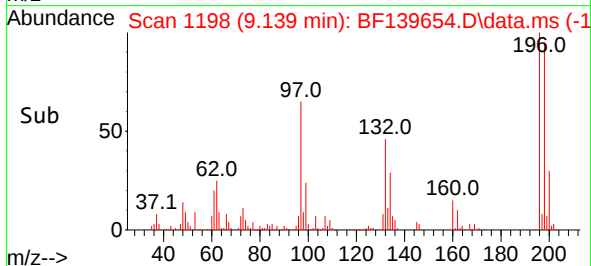
Tgt Ion:196 Resp: 19435
Ion Ratio Lower Upper
196 100
198 94.6 75.2 112.8
200 29.8 24.6 37.0

Manual Integrations

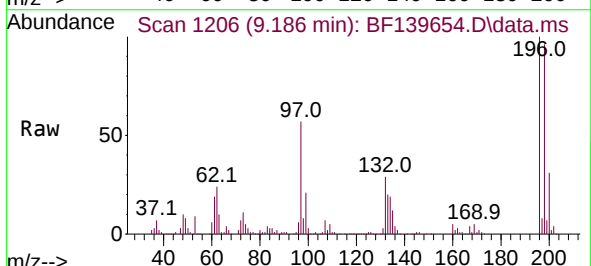
APPROVED

Reviewed By :Yogesh Patel 10/07/2024

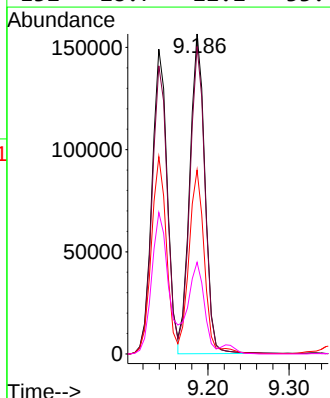
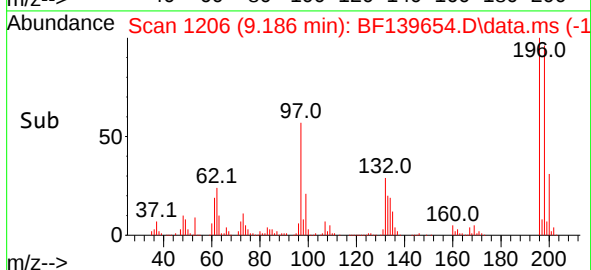
Supervised By :mohammad ahmed 10/07/2024



#44
2,4,5-Trichlorophenol
Concen: 40.812 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



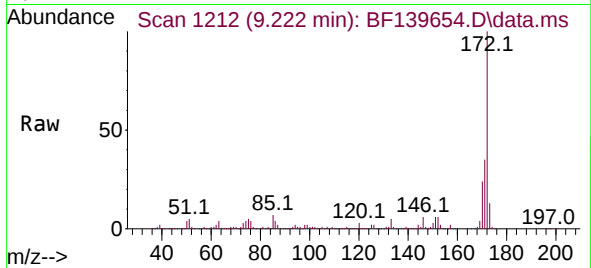
Tgt Ion:196 Resp: 203396
Ion Ratio Lower Upper
196 100
198 96.1 77.5 116.3
97 57.5 43.1 64.7
132 28.7 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 77.271 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

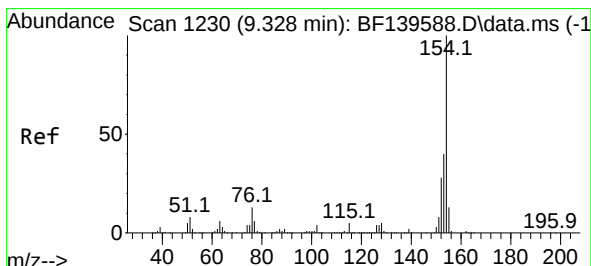
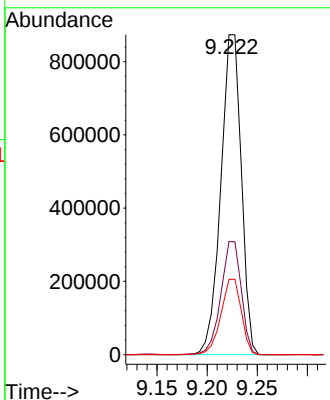
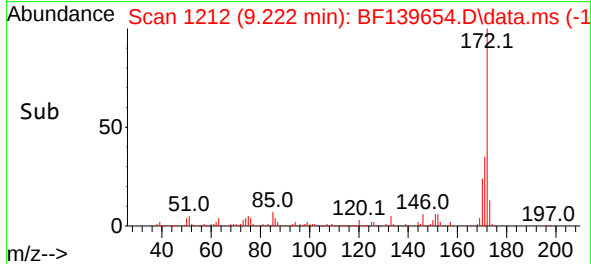
Instrument :
BNA_F
ClientSampleId :
PB163834BS



Tgt Ion:172 Resp: 124257
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.5 18.8 28.2

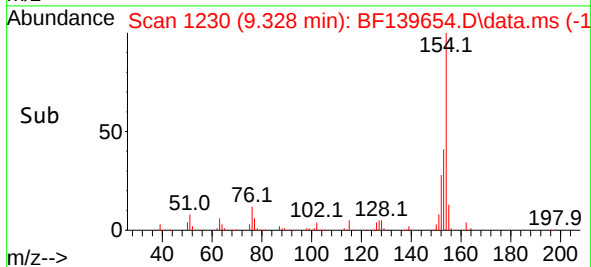
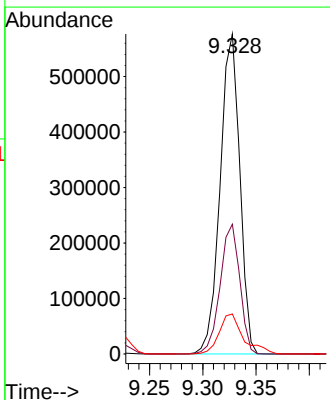
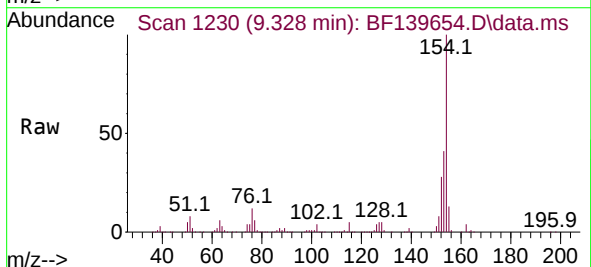
Manual Integrations
APPROVED

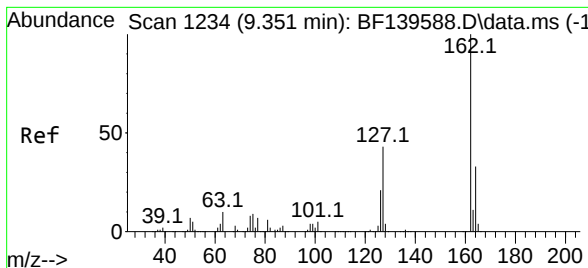
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#46
1,1'-Biphenyl
Concen: 40.164 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion:154 Resp: 737459
Ion Ratio Lower Upper
154 100
153 40.6 20.1 60.1
76 12.5 0.0 32.6





#47
2-Chloronaphthalene
Concen: 40.554 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

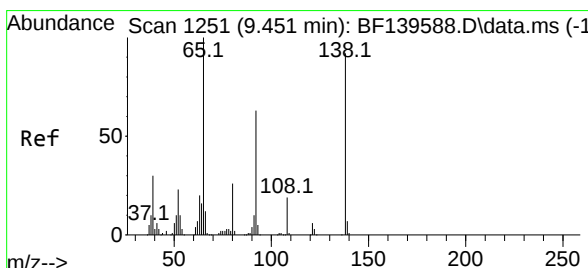
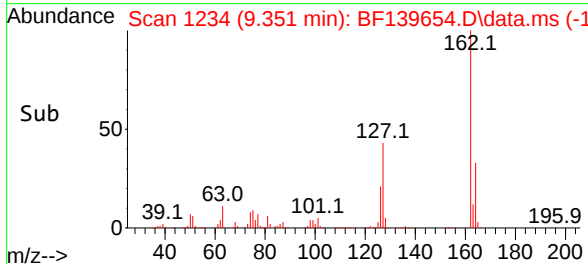
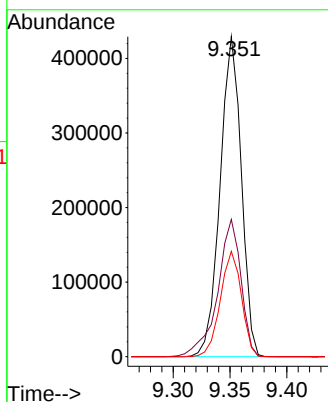
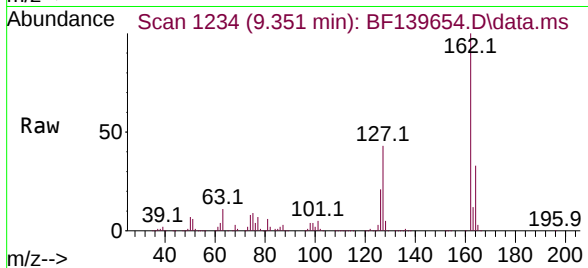
ClientSampleId :

PB163834BS

Tgt Ion:162 Resp: 558230
Ion Ratio Lower Upper
162 100
127 42.9 35.0 52.4
164 32.9 26.1 39.1

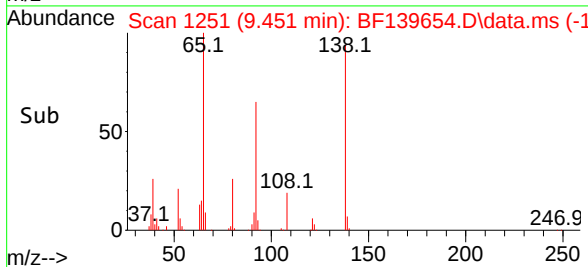
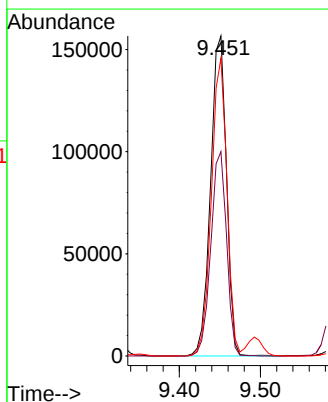
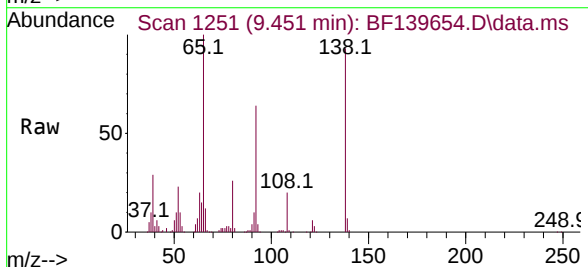
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#48
2-Nitroaniline
Concen: 43.037 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion: 65 Resp: 212658
Ion Ratio Lower Upper
65 100
92 63.9 50.0 75.0
138 93.1 73.8 110.8





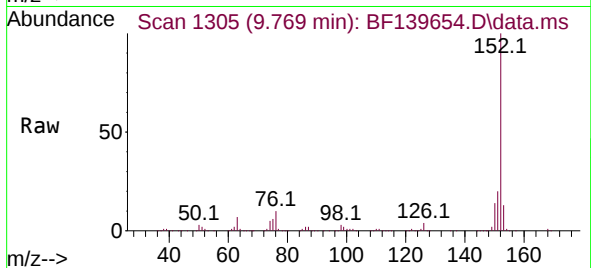
#49
Acenaphthylene
Concen: 43.576 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

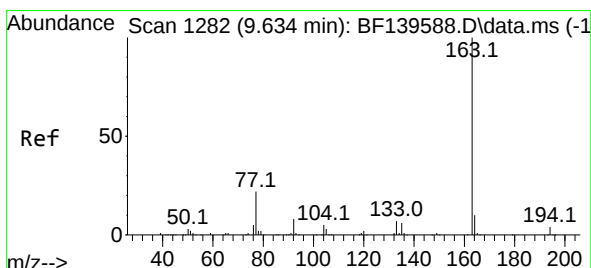
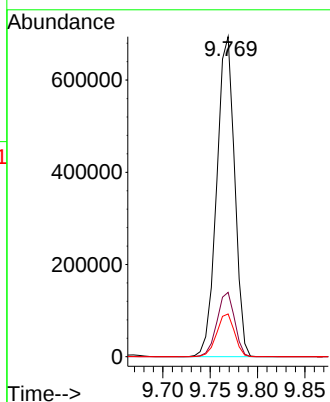
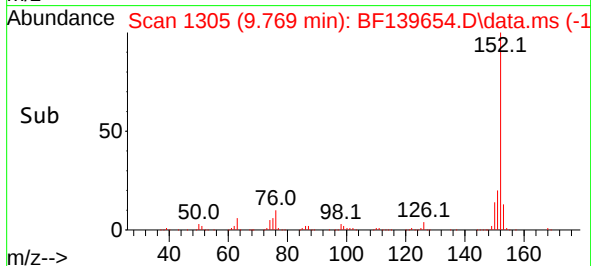


Tgt Ion:152 Resp: 912190
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.3 10.5 15.7

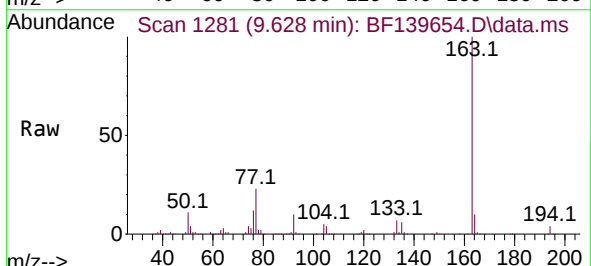
Manual Integrations

APPROVED

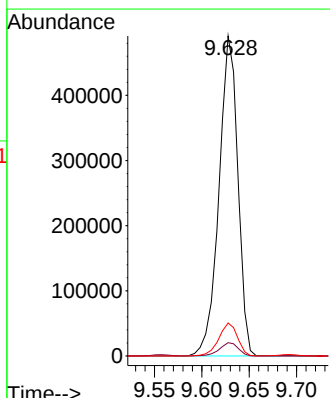
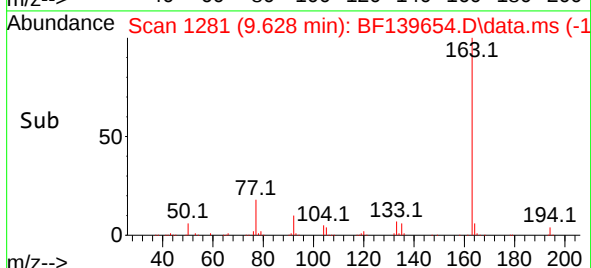
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#50
Dimethylphthalate
Concen: 42.162 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



Tgt Ion:163 Resp: 681350
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.1 12.1





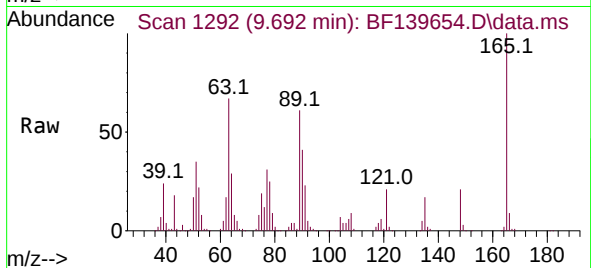
#51
2,6-Dinitrotoluene
Concen: 40.815 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

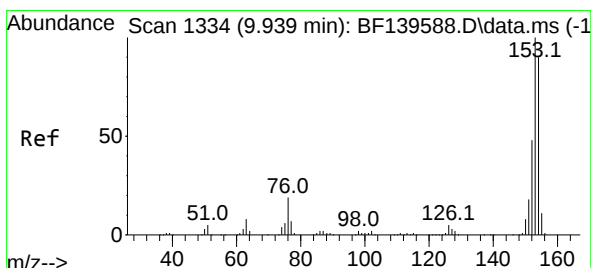
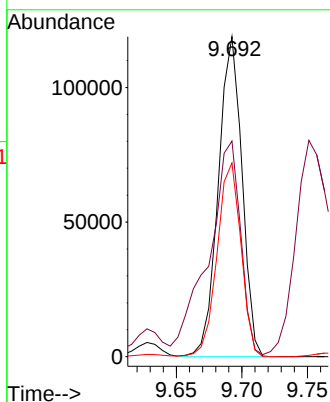
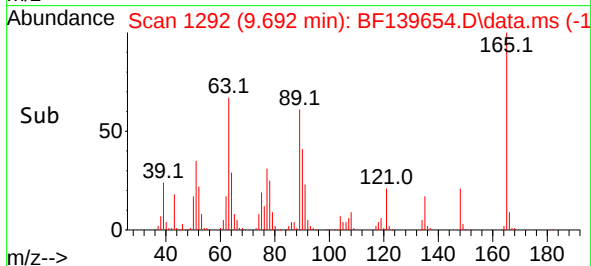


Tgt Ion:165 Resp: 148999
Ion Ratio Lower Upper
165 100
63 67.4 56.7 85.1
89 60.5 51.6 77.4

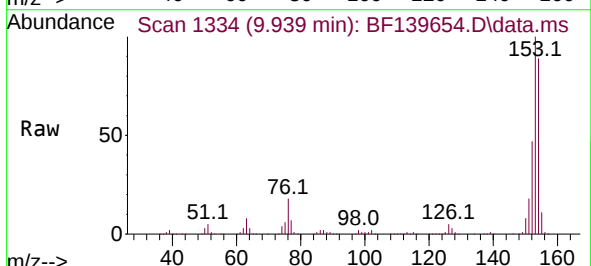
Manual Integrations

APPROVED

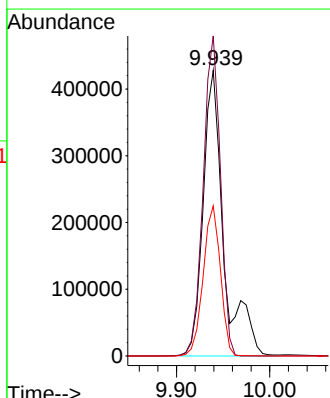
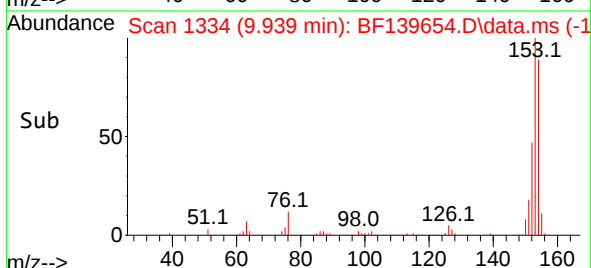
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

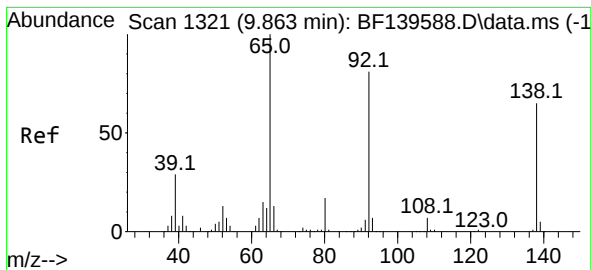


#52
Acenaphthene
Concen: 45.843 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



Tgt Ion:154 Resp: 658810
Ion Ratio Lower Upper
154 100
153 112.0 88.8 133.2
152 52.5 42.5 63.7





#53

3-Nitroaniline

Concen: 28.075 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

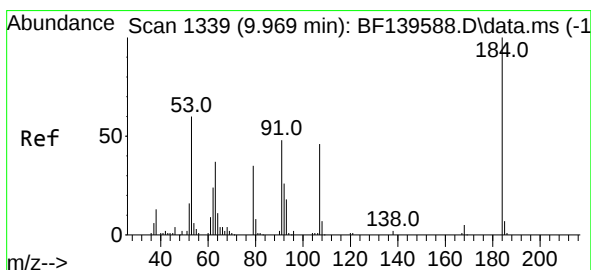
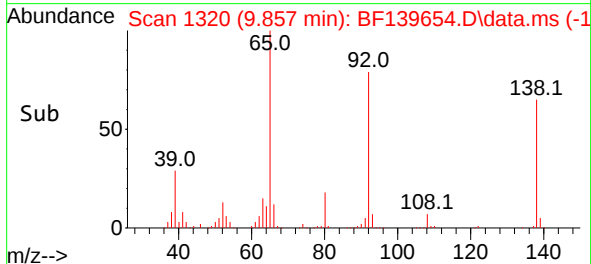
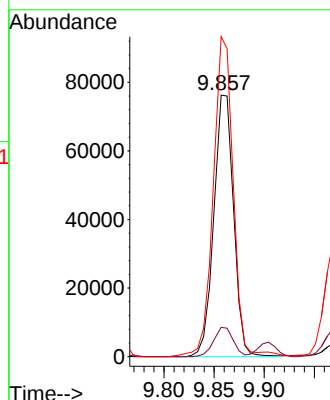
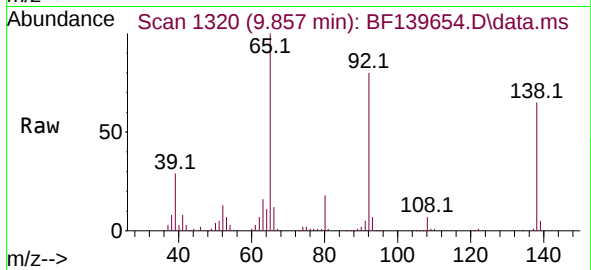
Tgt Ion:138 Resp: 104730
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.8 13.2
 92 122.3 100.0 150.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#54

2,4-Dinitrophenol

Concen: 90.899 ng

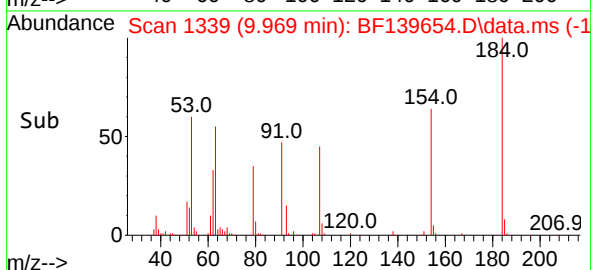
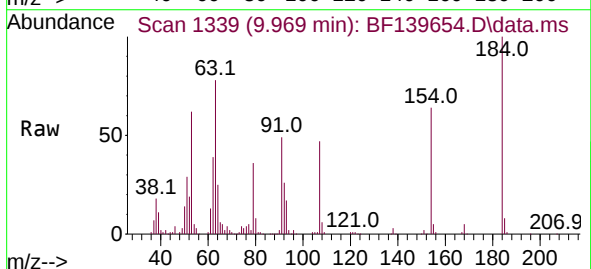
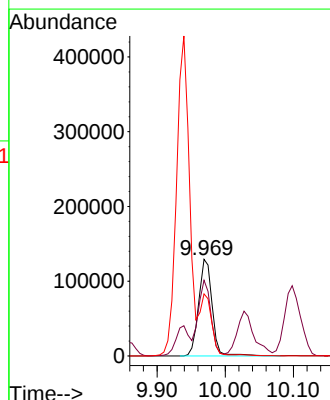
RT: 9.969 min Scan# 1339

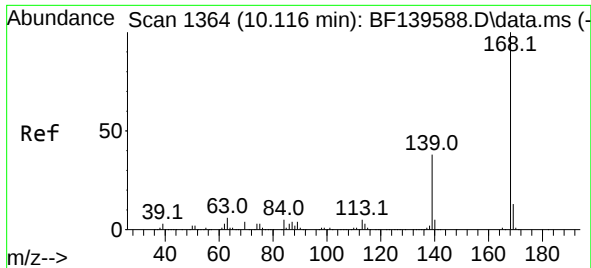
Delta R.T. -0.000 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

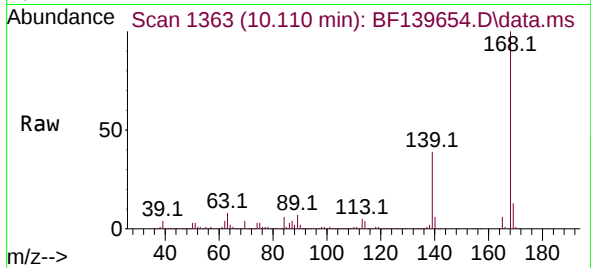
Tgt Ion:184 Resp: 178479
 Ion Ratio Lower Upper
 184 100
 63 78.4 61.7 92.5
 154 64.2 53.0 79.4





#55
Dibenzenofuran
Concen: 41.380 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

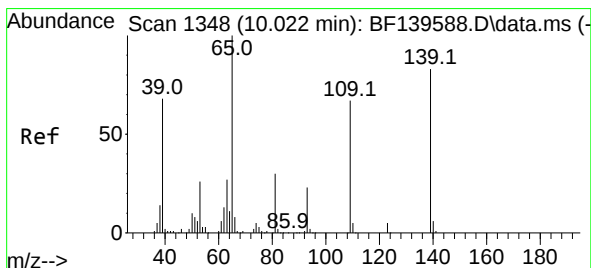
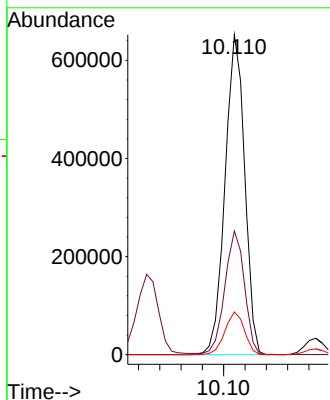
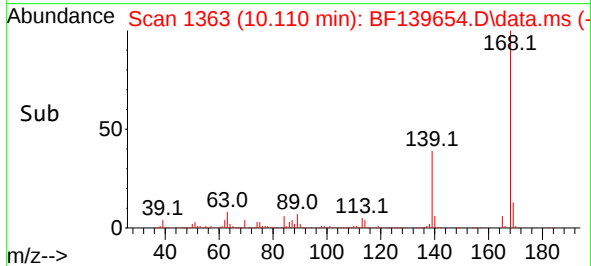
Instrument :
BNA_F
ClientSampleId :
PB163834BS



Tgt Ion:168 Resp: 83261
Ion Ratio Lower Upper
168 100
139 38.7 30.4 45.6
169 13.3 10.7 16.1

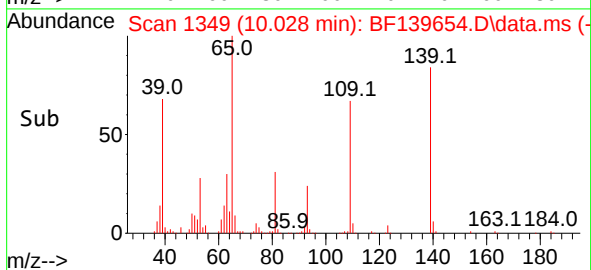
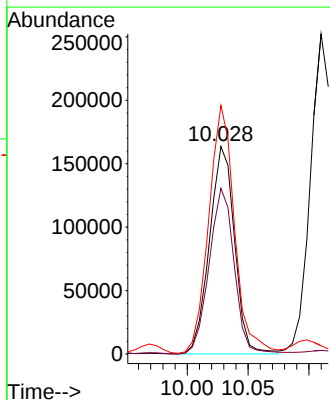
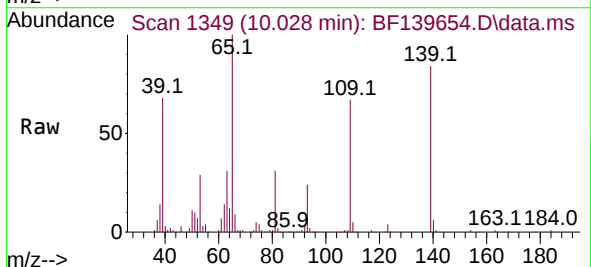
Manual Integrations
APPROVED

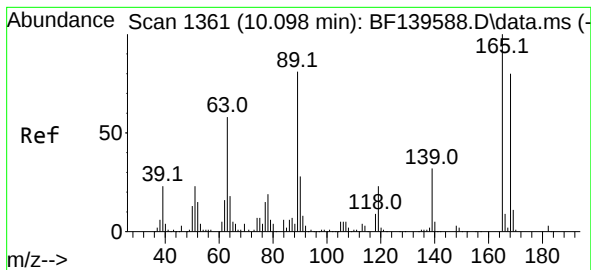
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#56
4-Nitrophenol
Concen: 82.651 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion:139 Resp: 235132
Ion Ratio Lower Upper
139 100
109 79.8 60.3 100.3
65 119.7 100.8 140.8





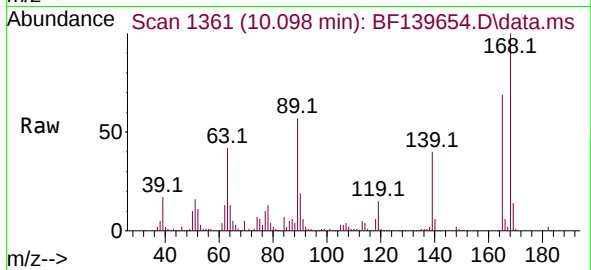
#57
2,4-Dinitrotoluene
Concen: 42.164 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

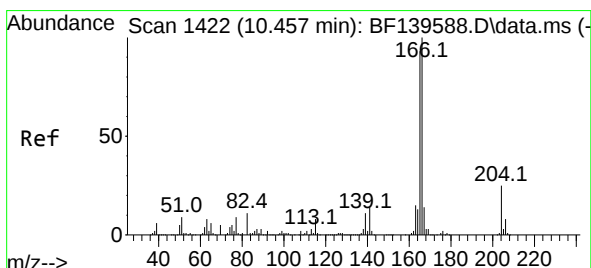
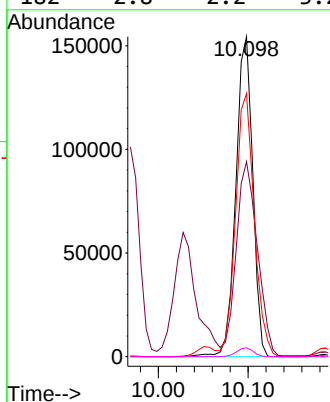
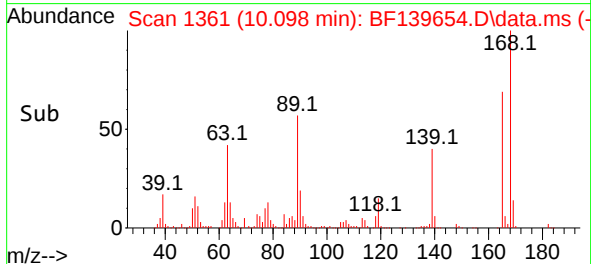


Tgt Ion:165 Resp: 201190
Ion Ratio Lower Upper
165 100
63 60.9 46.9 70.3
89 82.2 64.4 96.6
182 2.8 2.2 3.2

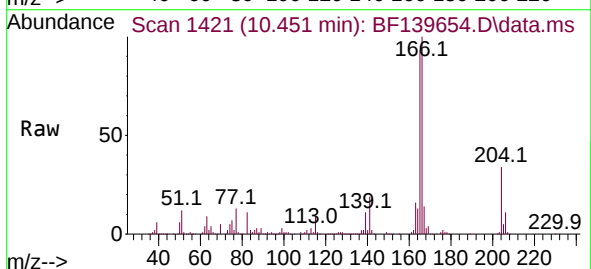
Manual Integrations

APPROVED

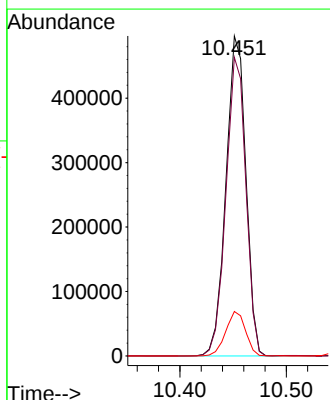
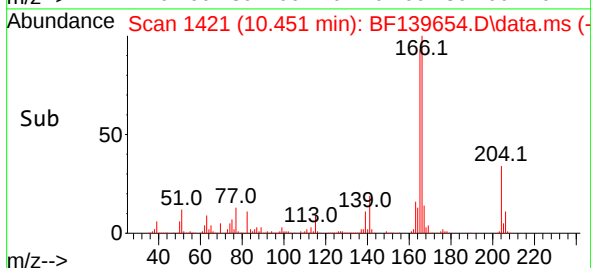
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

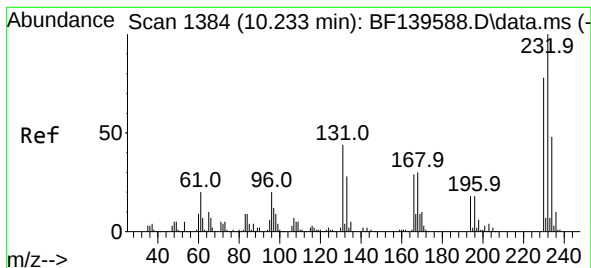


#58
Fluorene
Concen: 40.291 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



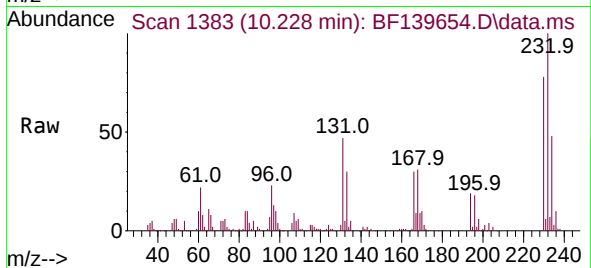
Tgt Ion:166 Resp: 645706
Ion Ratio Lower Upper
166 100
165 93.3 74.4 111.6
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.201 ng
RT: 10.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

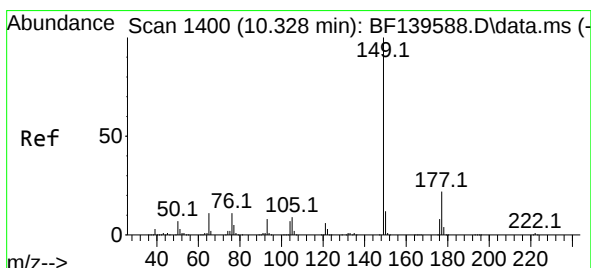
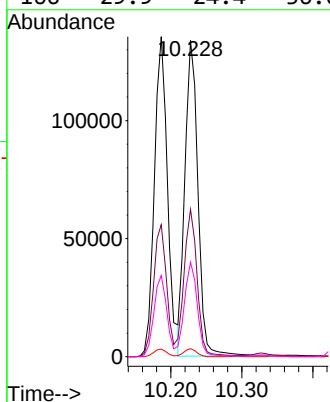
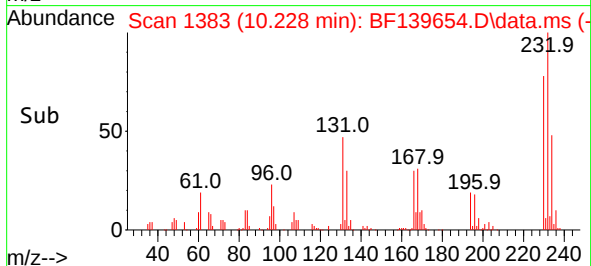
Instrument :
BNA_F
ClientSampleId :
PB163834BS



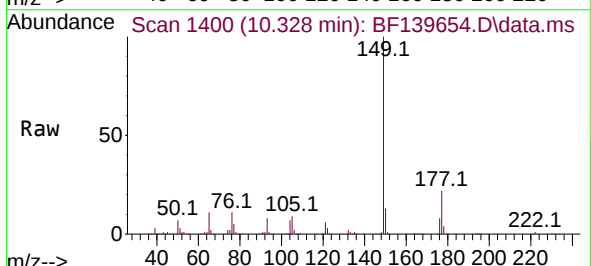
Tgt Ion:232 Resp: 169869
Ion Ratio Lower Upper
232 100
131 47.5 37.8 56.6
130 2.5 1.9 2.9
166 29.9 24.4 36.6

Manual Integrations
APPROVED

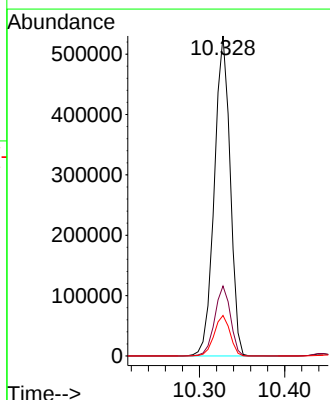
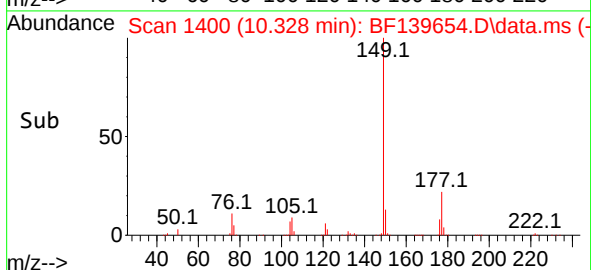
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

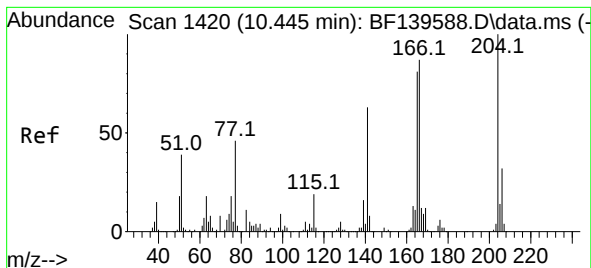


#60
Diethylphthalate
Concen: 40.915 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



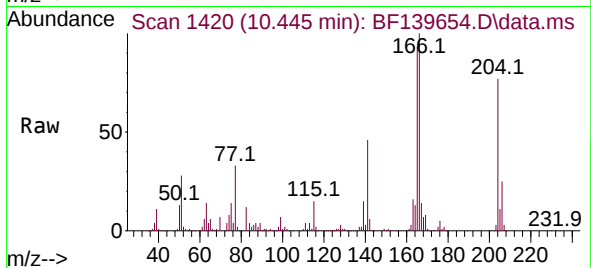
Tgt Ion:149 Resp: 682950
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.0
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.670 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

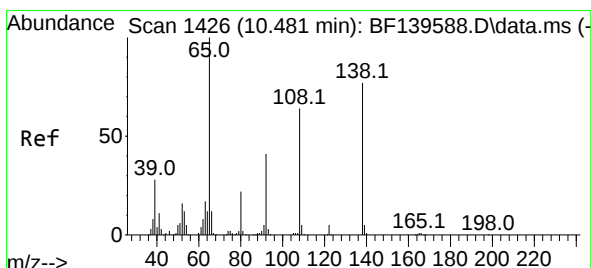
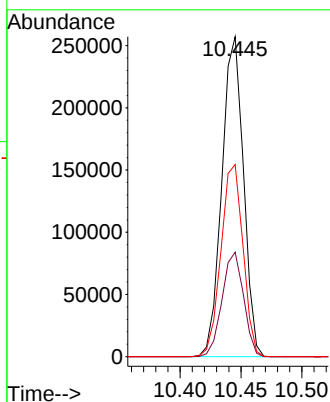
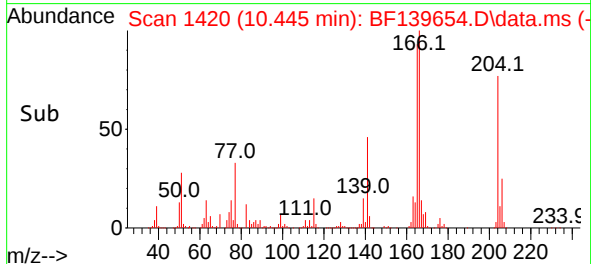
Instrument :
BNA_F
ClientSampleId :
PB163834BS



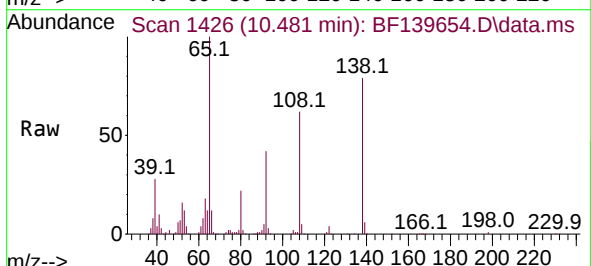
Tgt Ion:204 Resp: 318060
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 60.0 50.5 75.7

Manual Integrations
APPROVED

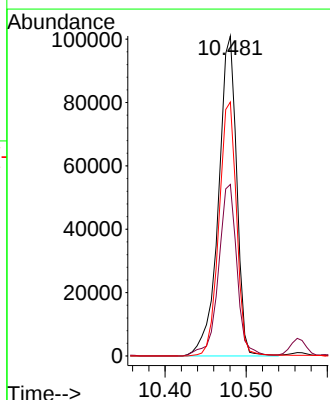
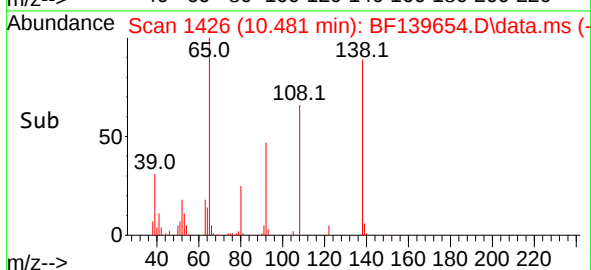
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

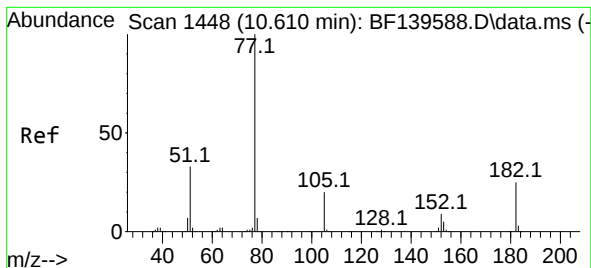


#62
4-Nitroaniline
Concen: 41.270 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



Tgt Ion:138 Resp: 157482
Ion Ratio Lower Upper
138 100
92 53.6 33.3 73.3
108 79.3 62.1 102.1





#63

Azobenzene

Concen: 41.321 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF139654.D

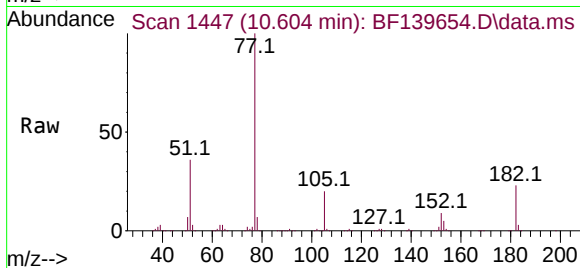
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS



Tgt Ion: 77 Resp: 69362

Ion Ratio Lower Upper

77 100

182 23.2 4.2 44.2

105 19.7 0.0 39.6

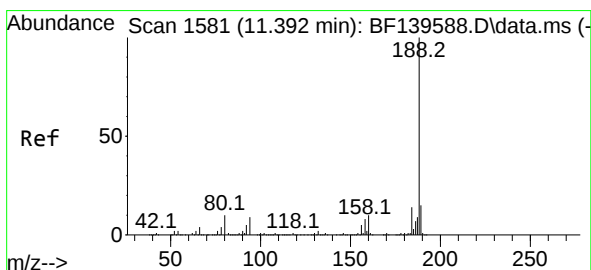
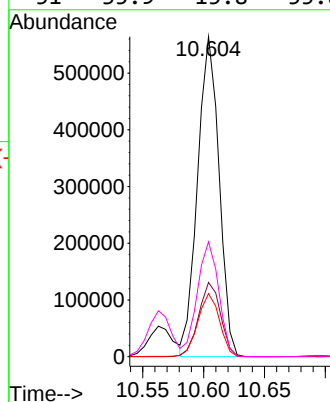
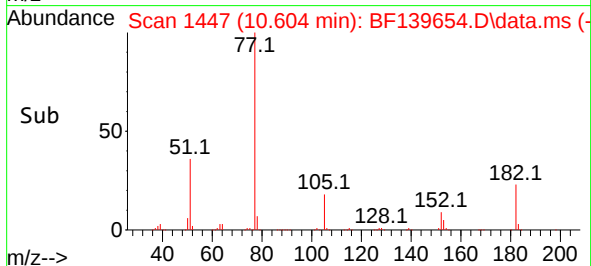
51 35.9 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

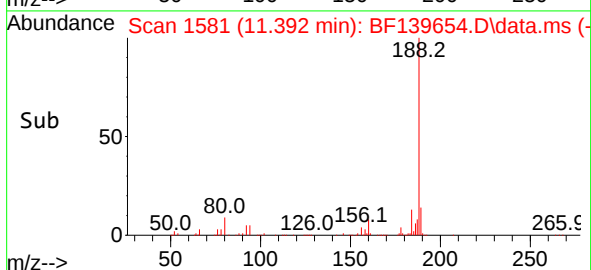
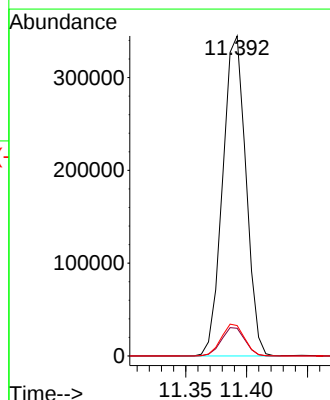
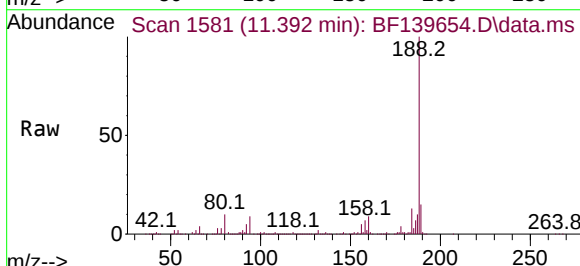
Tgt Ion:188 Resp: 458622

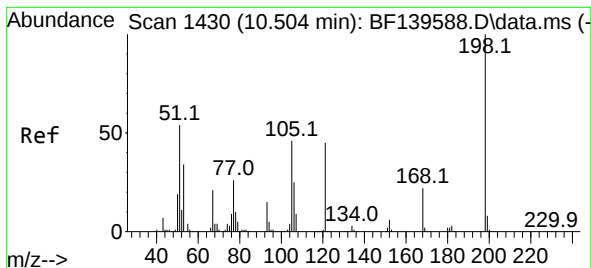
Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.5 8.2 12.2





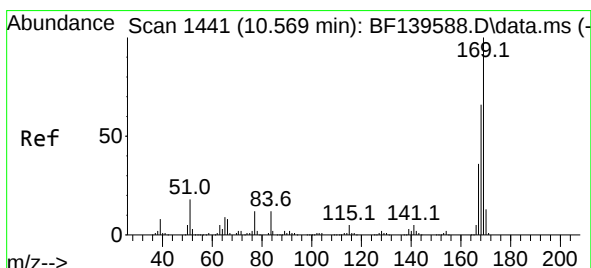
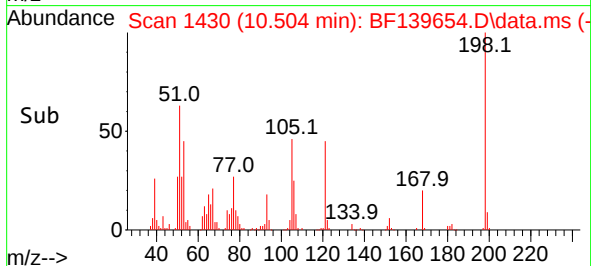
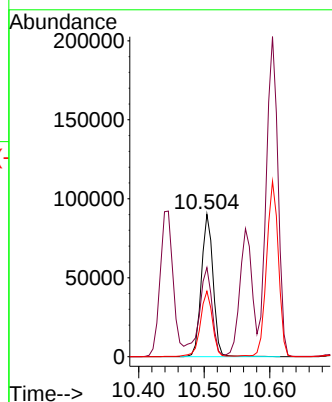
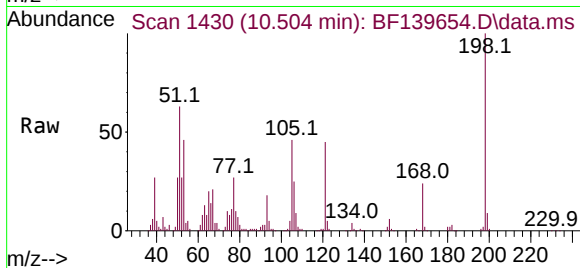
#65
4,6-Dinitro-2-methylphenol
Concen: 43.310 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB163834BS

Tgt Ion:198 Resp: 11218
Ion Ratio Lower Upper
198 100
51 62.6 43.0 83.0
105 46.0 26.6 66.6

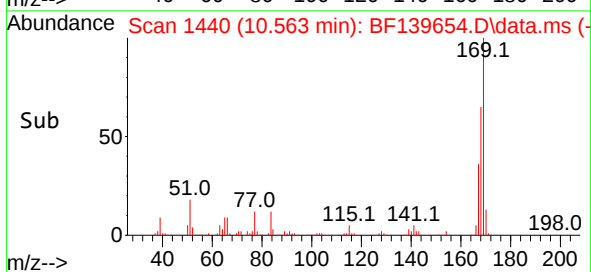
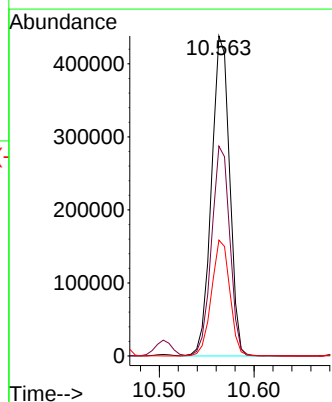
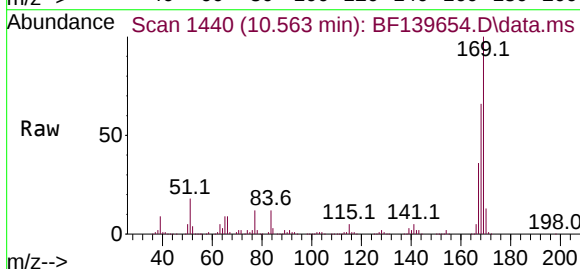
Manual Integrations
APPROVED

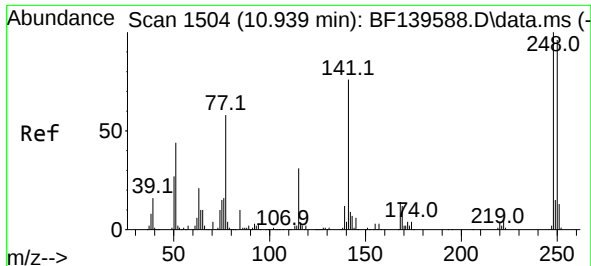
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#66
n-Nitrosodiphenylamine
Concen: 42.903 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion:169 Resp: 579982
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 36.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 40.455 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

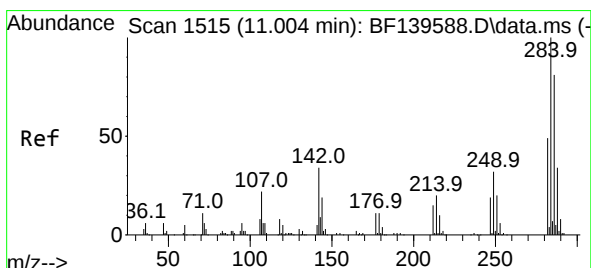
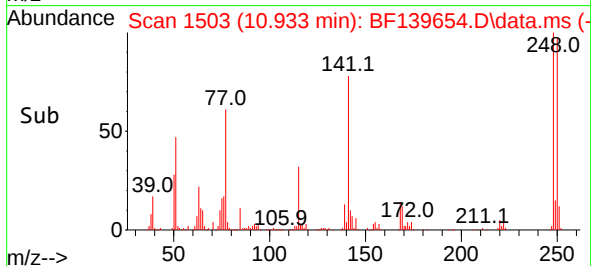
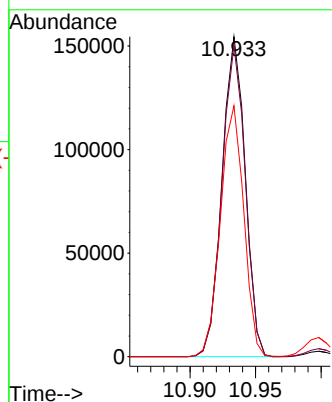
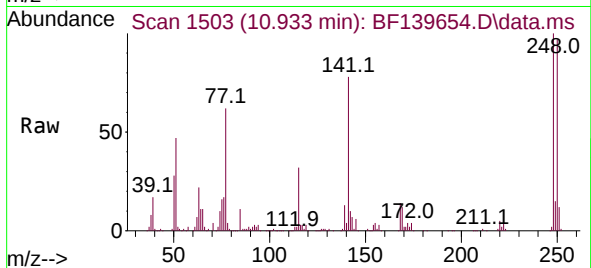
PB163834BS

Tgt Ion:248 Resp: 190229
Ion Ratio Lower Upper
248 100
250 97.2 77.1 115.7
141 78.4 60.4 90.6

Manual Integrations

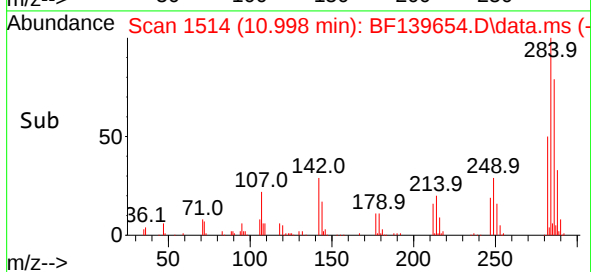
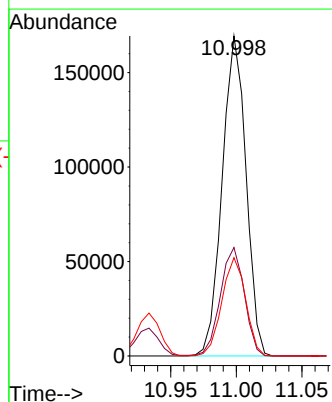
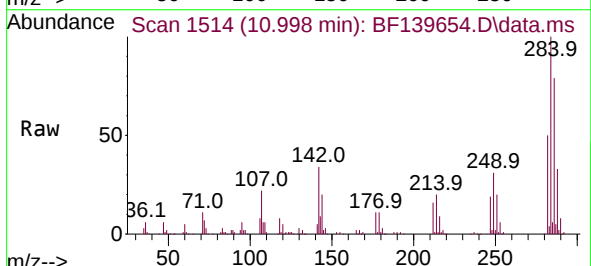
APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#68
Hexachlorobenzene
Concen: 40.960 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Tgt Ion:284 Resp: 213724
Ion Ratio Lower Upper
284 100
142 33.9 26.9 40.3
249 30.7 25.4 38.0





#69

Atrazine

Concen: 51.917 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

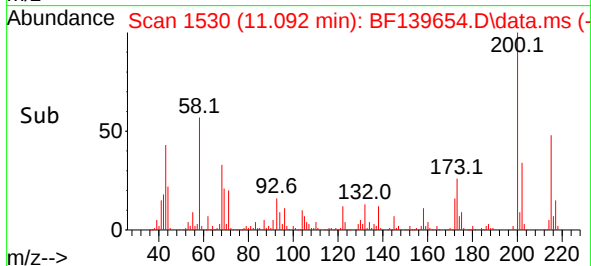
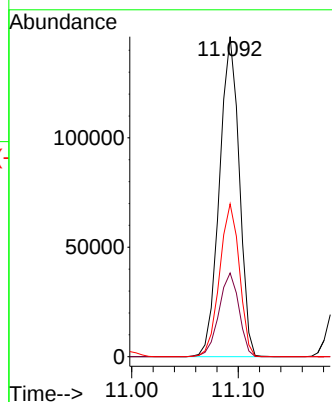
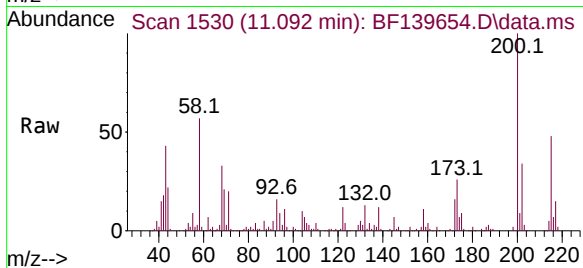
Tgt Ion:200 Resp: 18830
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.7 46.7
 215 47.7 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#70

Pentachlorophenol

Concen: 74.633 ng

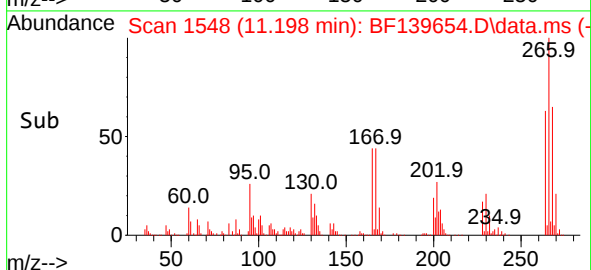
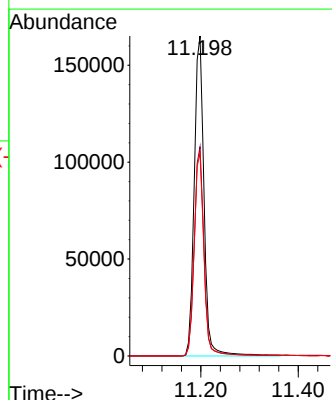
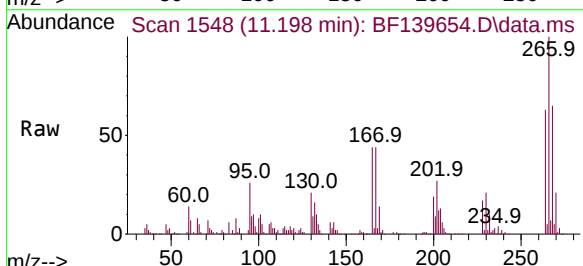
RT: 11.198 min Scan# 1548

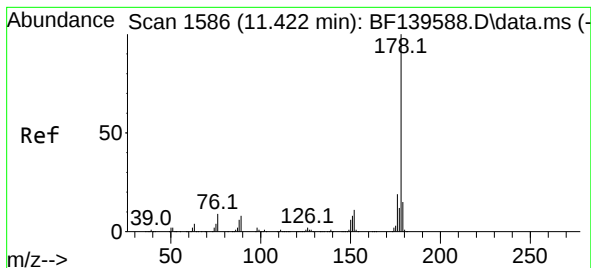
Delta R.T. -0.000 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Tgt Ion:266 Resp: 231883
 Ion Ratio Lower Upper
 266 100
 268 65.3 50.0 75.0
 264 63.5 49.3 73.9





#71

Phenanthrene

Concen: 41.862 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

Tgt Ion:178 Resp: 90523

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

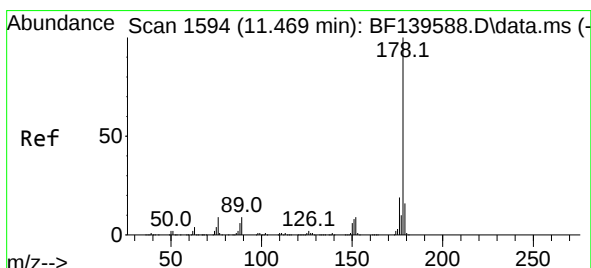
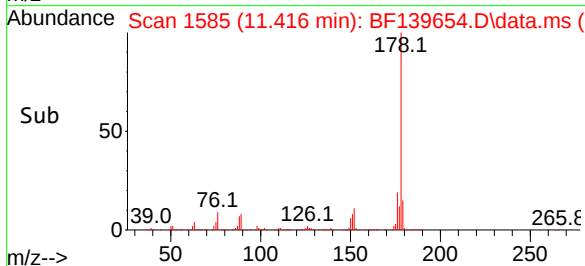
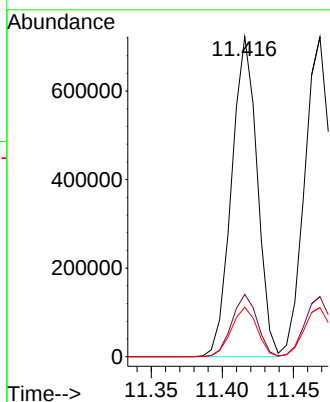
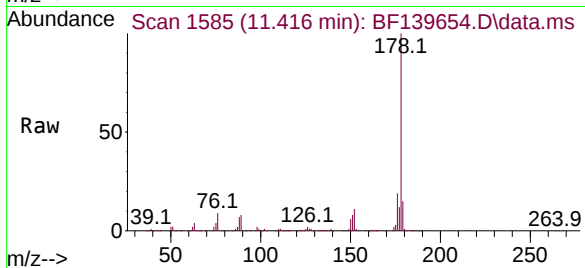
179 15.5 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#72

Anthracene

Concen: 43.300 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

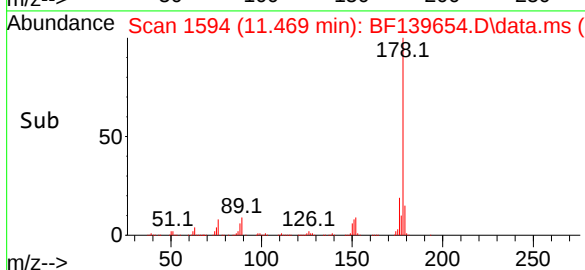
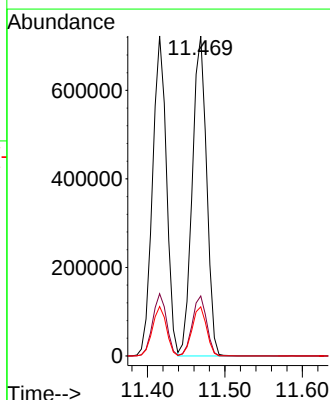
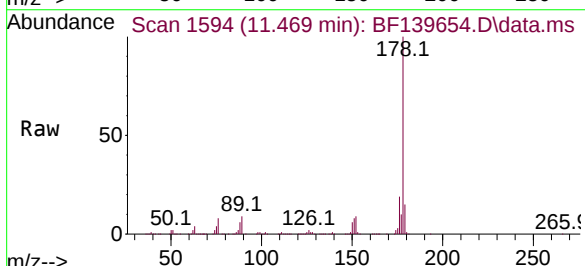
Tgt Ion:178 Resp: 926311

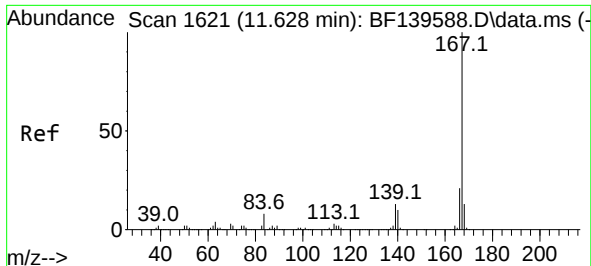
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

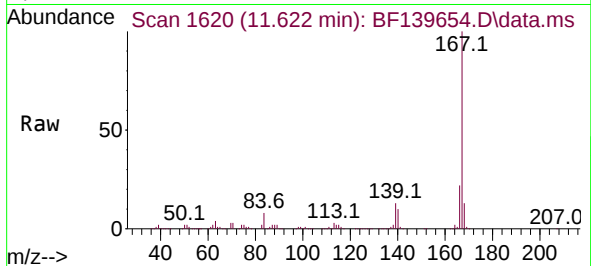
179 15.4 12.5 18.7





#73
Carbazole
Concen: 40.713 ng
RT: 11.622 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

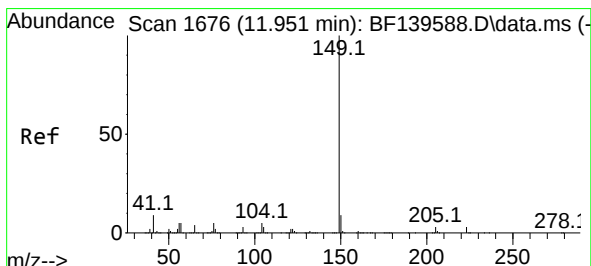
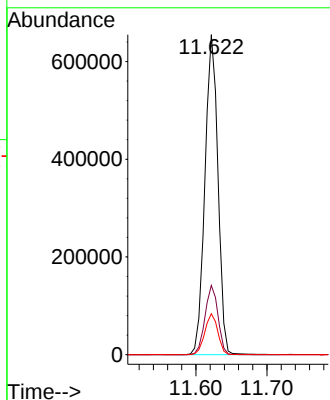
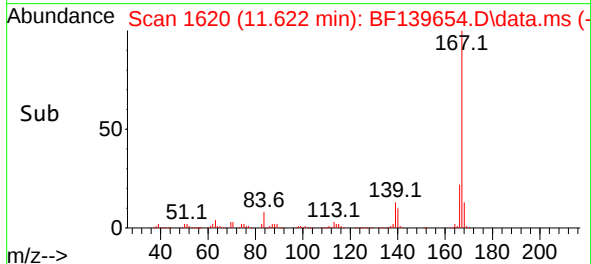
Instrument :
BNA_F
ClientSampleId :
PB163834BS



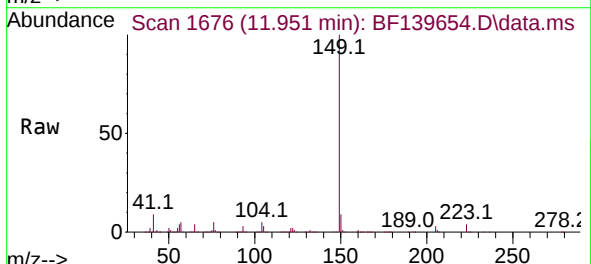
Tgt Ion:167 Resp: 83653
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 12.8 10.3 15.5

Manual Integrations
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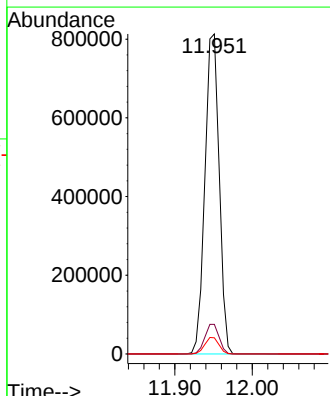
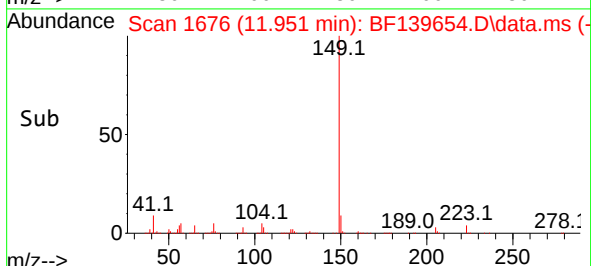
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

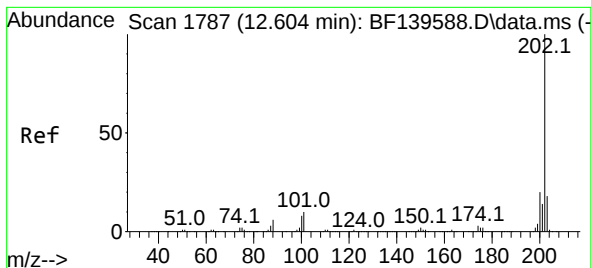


#74
Di-n-butylphthalate
Concen: 41.594 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



Tgt Ion:149 Resp: 1039261
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 38.088 ng

RT: 12.604 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

Tgt Ion:202 Resp: 90035

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.2

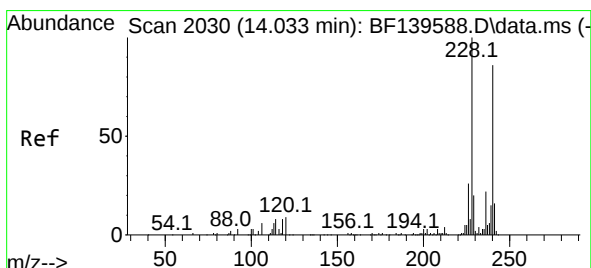
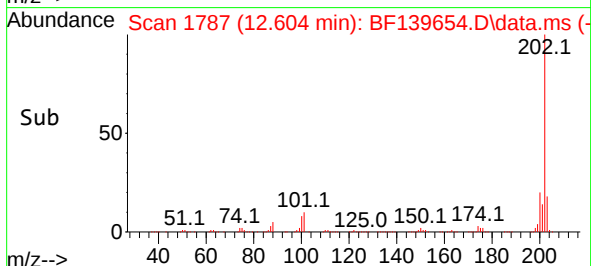
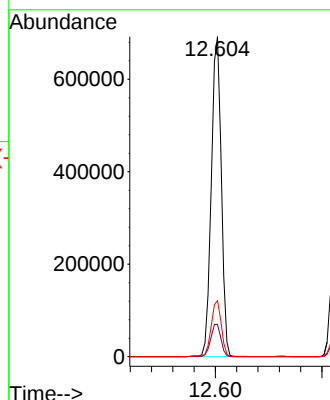
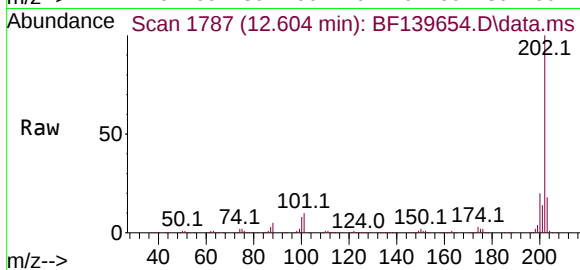
203 17.5 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

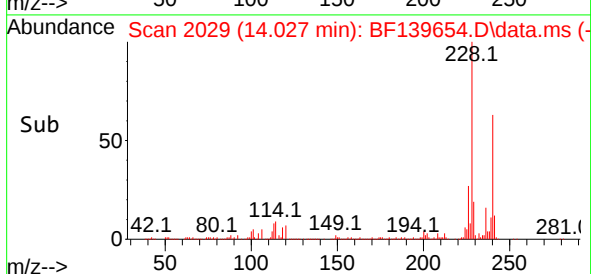
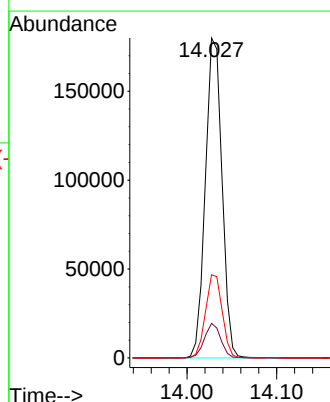
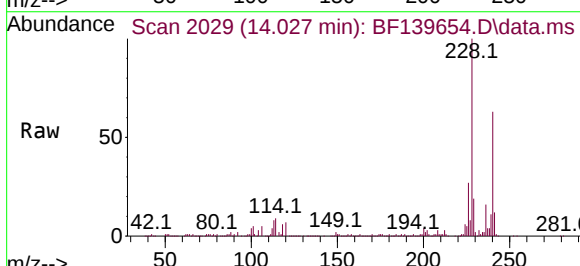
Tgt Ion:240 Resp: 232215

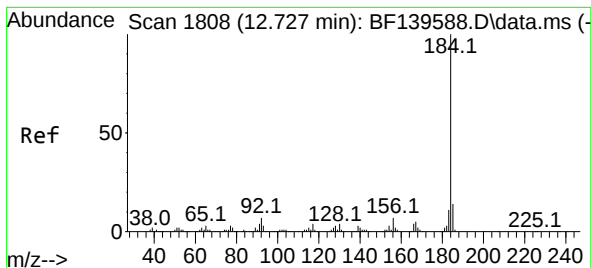
Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

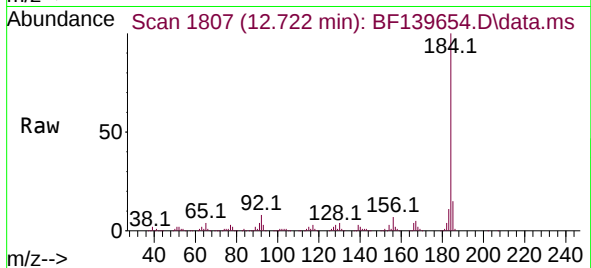
236 26.0 20.3 30.5





#77
Benzidine
Concen: 64.912 ng
RT: 12.722 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

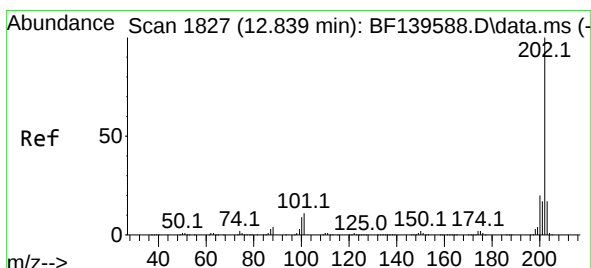
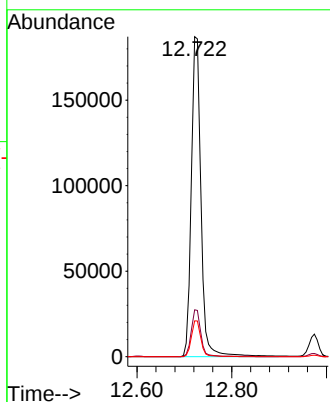
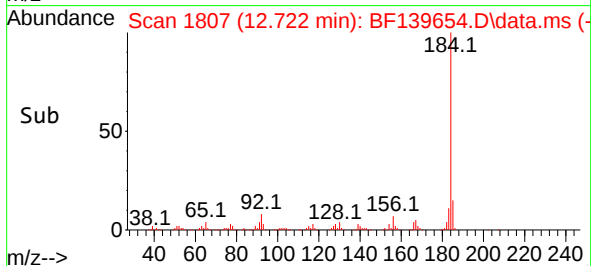
Instrument :
BNA_F
ClientSampleId :
PB163834BS



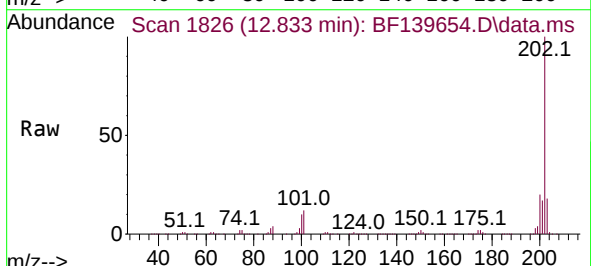
Tgt Ion:184 Resp: 265879
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.0
183 11.2 8.8 13.2

Manual Integrations
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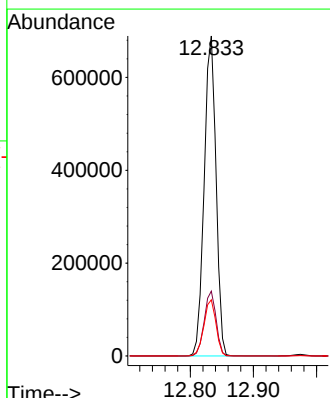
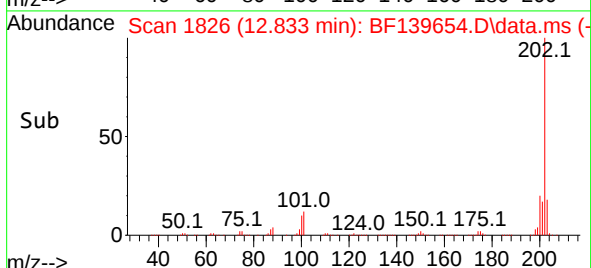
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#78
Pyrene
Concen: 43.363 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



Tgt Ion:202 Resp: 900601
Ion Ratio Lower Upper
202 100
200 20.2 15.8 23.6
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 86.045 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

Tgt Ion:244 Resp: 1217740

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

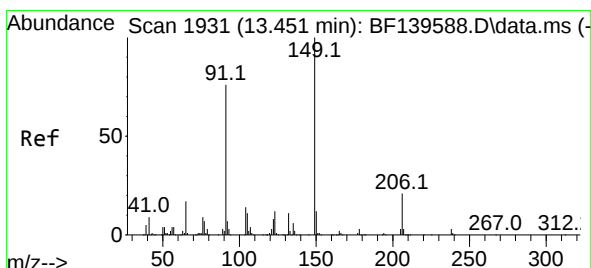
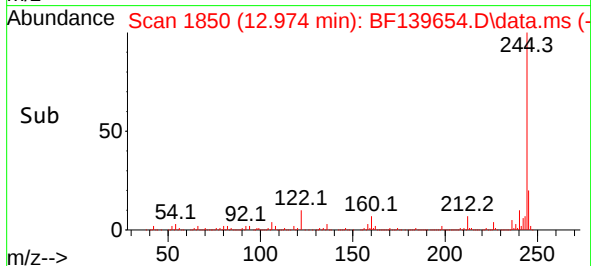
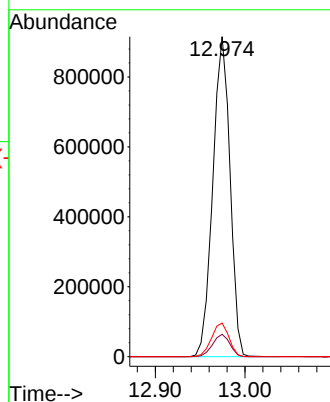
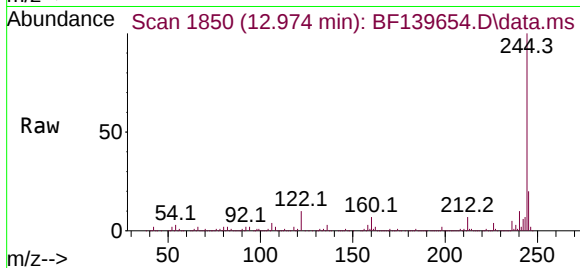
122 10.5 8.6 12.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#80

Butylbenzylphthalate

Concen: 48.140 ng

RT: 13.445 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

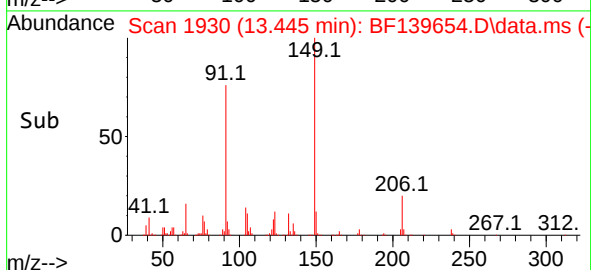
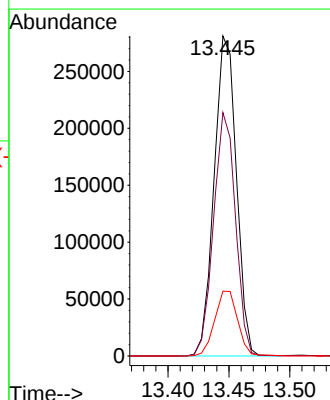
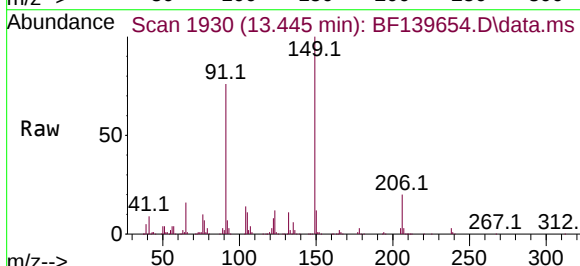
Tgt Ion:149 Resp: 357629

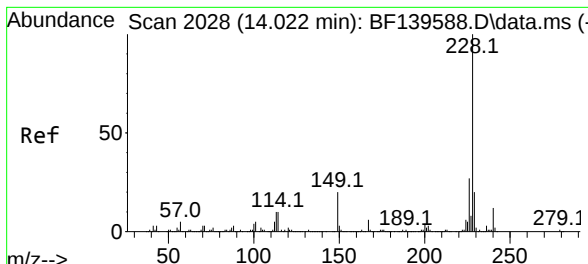
Ion Ratio Lower Upper

149 100

91 76.1 61.0 91.4

206 20.3 16.6 24.8





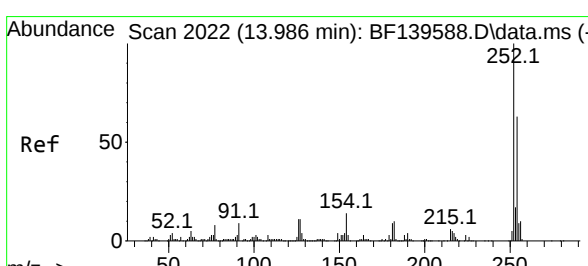
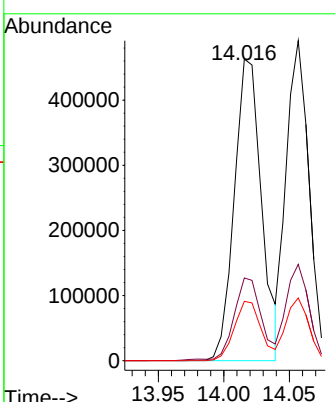
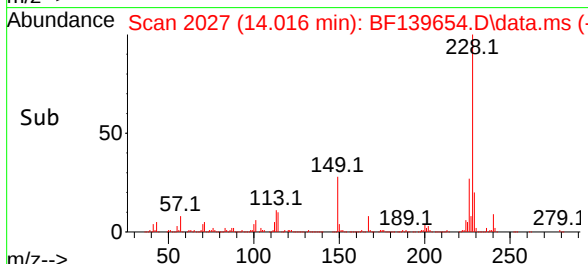
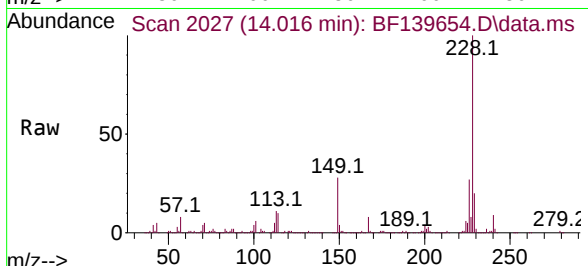
#81
 Benzo(a)anthracene
 Concen: 43.798 ng
 RT: 14.016 min Scan# 2027
 Delta R.T. -0.006 min
 Lab File: BF139654.D
 Acq: 04 Oct 2024 13:39

Instrument : BNA_F
 ClientSampleId : PB163834BS

Tgt Ion:228 Resp: 668674

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.7	15.8	23.8

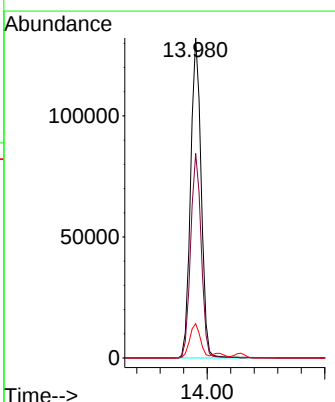
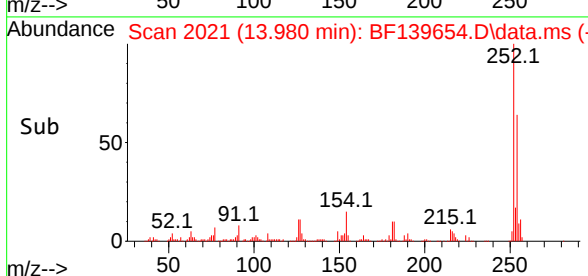
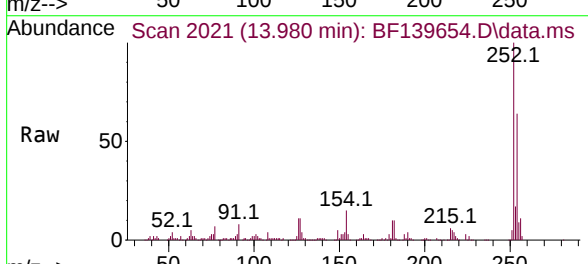
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :mohammad ahmed 10/07/2024

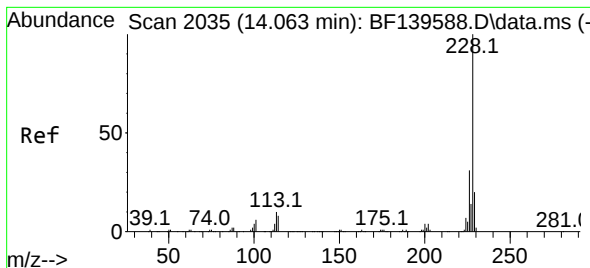


#82
 3,3'-Dichlorobenzidine
 Concen: 35.370 ng
 RT: 13.980 min Scan# 2021
 Delta R.T. -0.006 min
 Lab File: BF139654.D
 Acq: 04 Oct 2024 13:39

Tgt Ion:252 Resp: 165266

Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.5	75.7
126	10.7	8.8	13.2





#83

Chrysene

Concen: 42.439 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

Tgt Ion:228 Resp: 592369

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

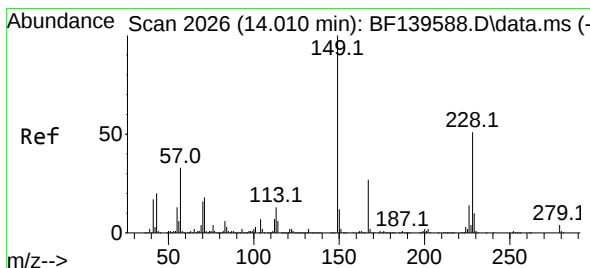
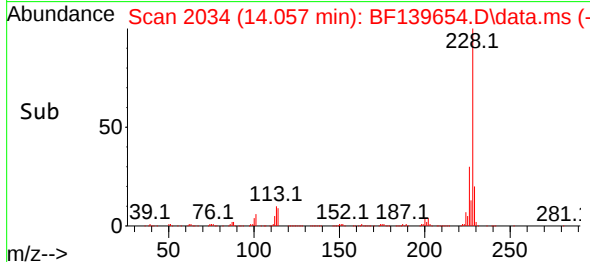
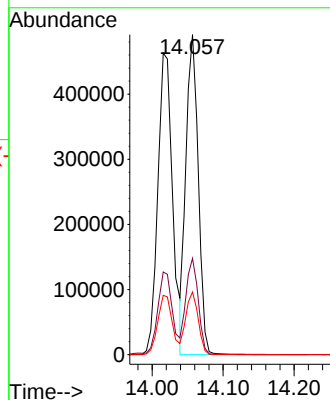
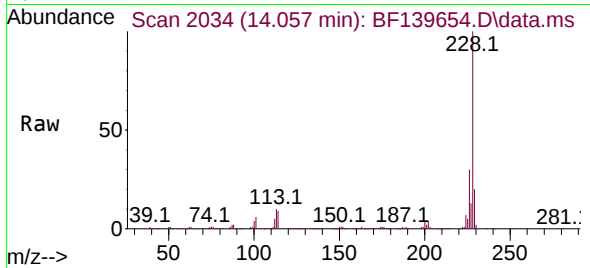
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.145 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

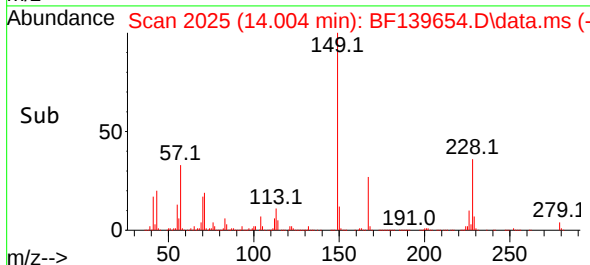
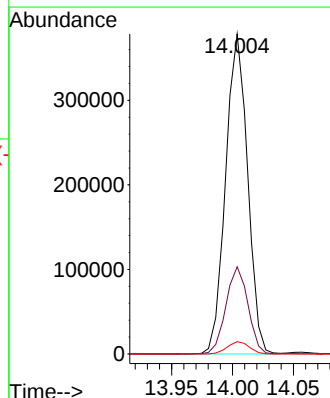
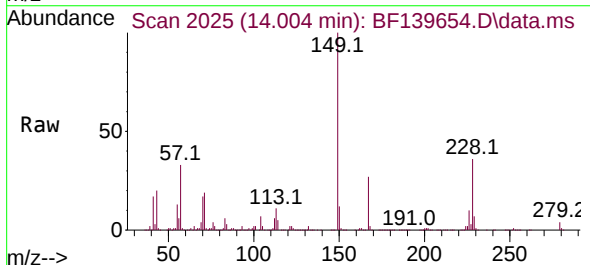
Tgt Ion:149 Resp: 474444

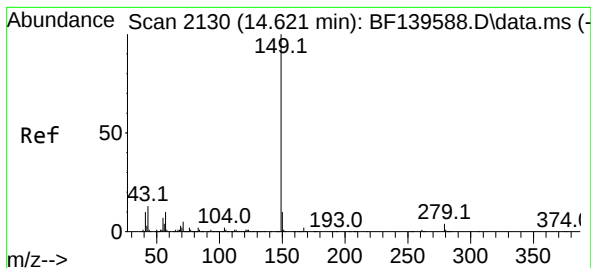
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.275 ng

RT: 14.616 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

Tgt Ion:149 Resp: 71242

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

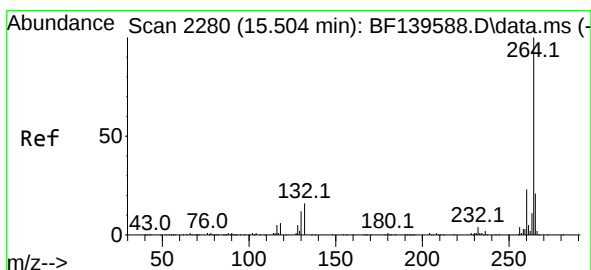
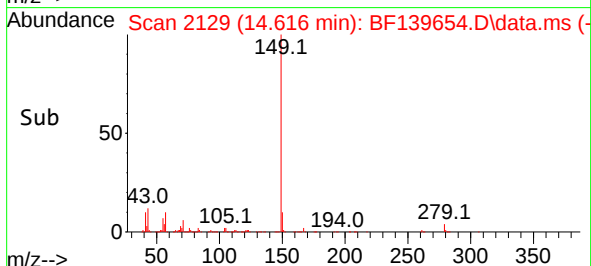
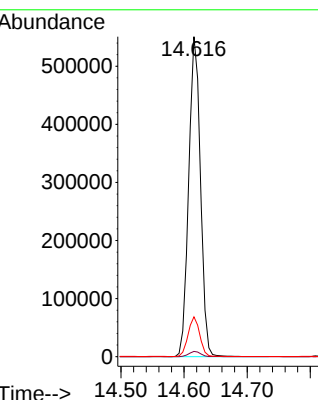
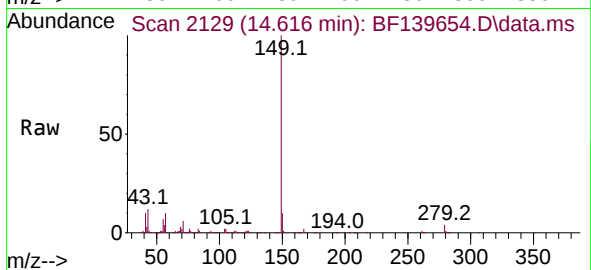
43 12.2 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

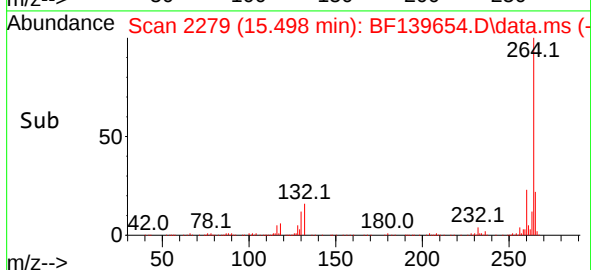
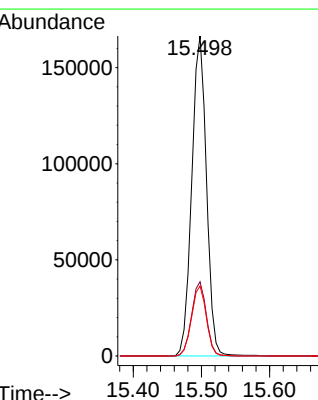
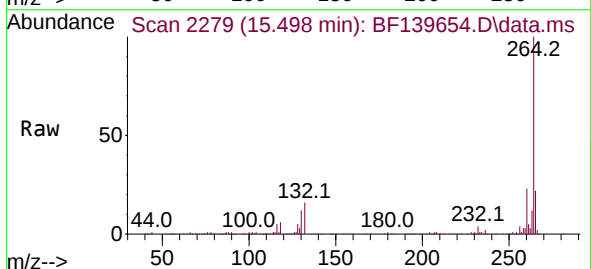
Tgt Ion:264 Resp: 249587

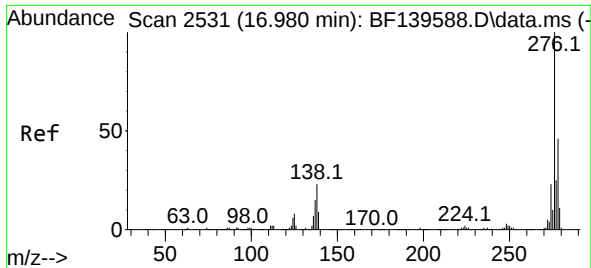
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.9 16.9 25.3





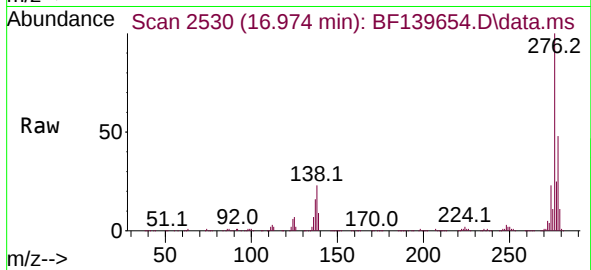
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.294 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

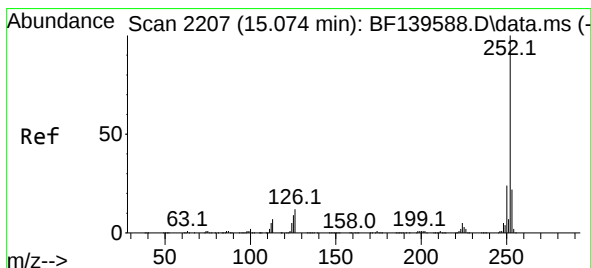
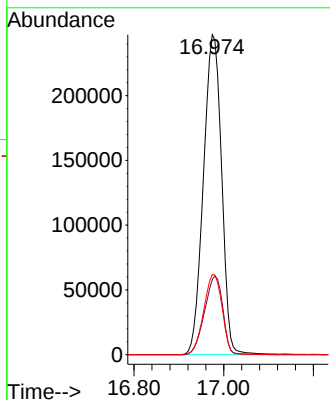
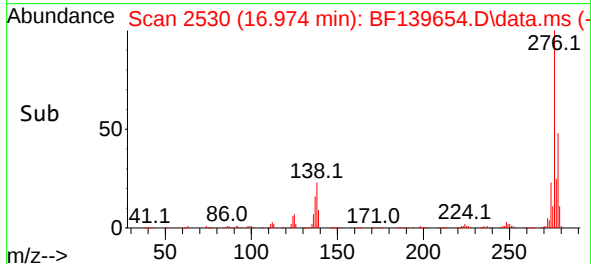


Tgt Ion:276 Resp: 694759
Ion Ratio Lower Upper
276 100
138 24.7 19.4 29.0
277 25.3 20.2 30.2

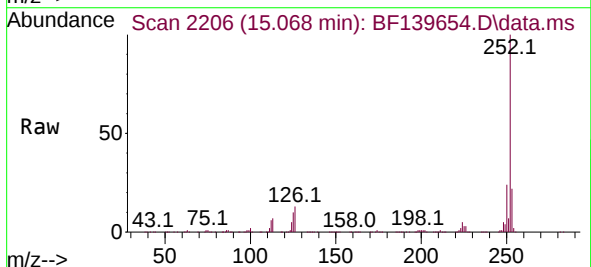
Manual Integrations

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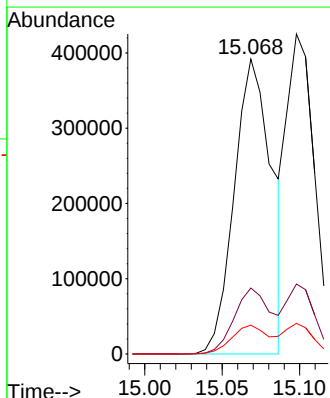
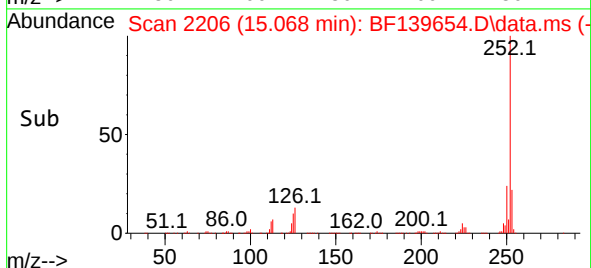
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

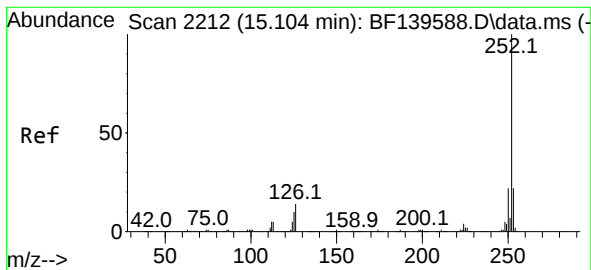


#88
Benzo(b)fluoranthene
Concen: 40.702 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



Tgt Ion:252 Resp: 656841
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 39.046 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB163834BS

Tgt Ion:252 Resp: 534509

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

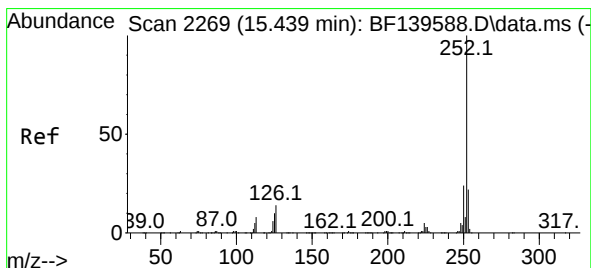
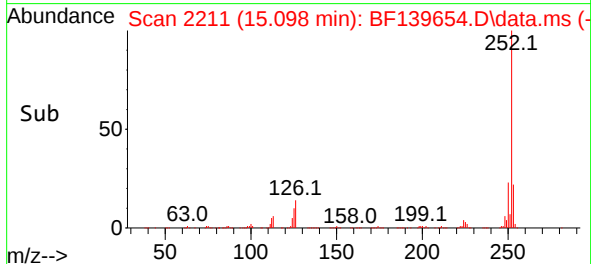
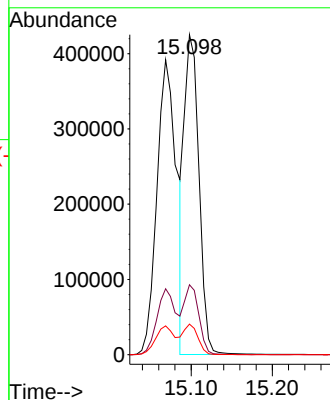
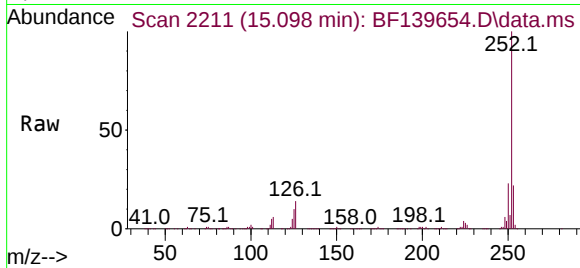
125 9.5 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#90

Benzo(a)pyrene

Concen: 45.256 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF139654.D

Acq: 04 Oct 2024 13:39

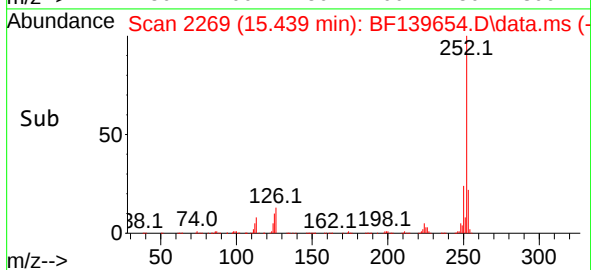
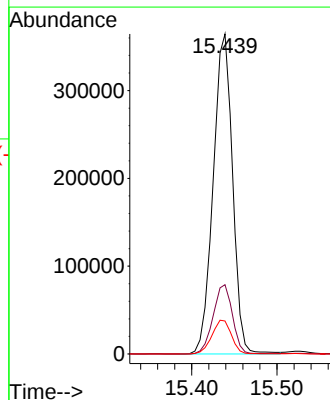
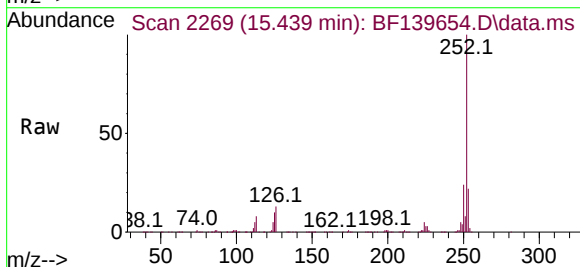
Tgt Ion:252 Resp: 575867

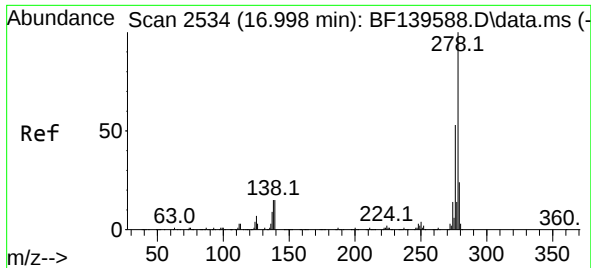
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

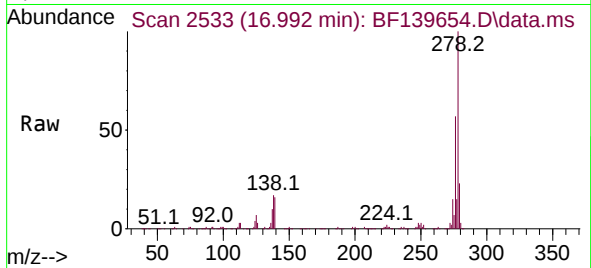
125 10.3 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 46.925 ng
RT: 16.992 min Scan# 2534
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39

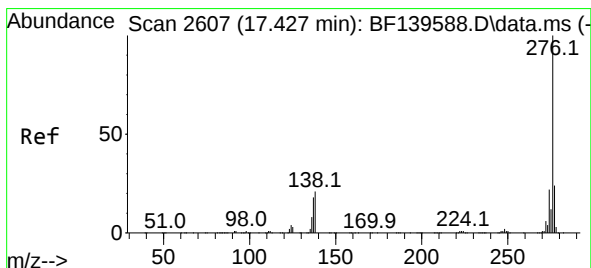
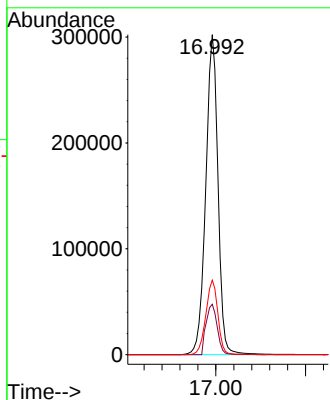
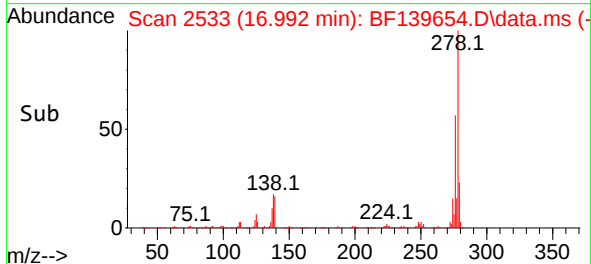
Instrument :
BNA_F
ClientSampleId :
PB163834BS



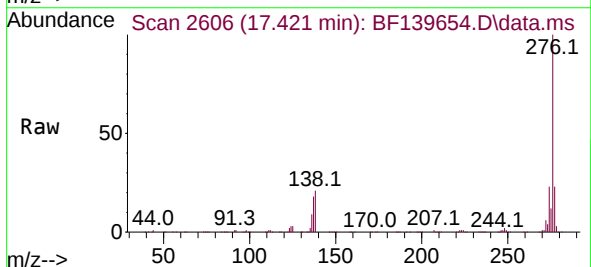
Tgt Ion:278 Resp: 571739
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 23.3 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#92
Benzo(g,h,i)perylene
Concen: 42.406 ng
RT: 17.421 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF139654.D
Acq: 04 Oct 2024 13:39



Tgt Ion:276 Resp: 518187
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 21.2 17.0 25.6

