

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140178.D
 Acq On : 31 Oct 2024 10:15
 Operator : RC/JU
 Sample : PB164540BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB164540BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 31 12:10:15 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 18 15:07:50 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	149764	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	588319	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	343514	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	638189	20.000	ng	0.01
76) Chrysene-d12	14.092	240	408760	20.000	ng	0.04
86) Perylene-d12	15.615	264	343987	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	909411	95.061	ng	0.02
7) Phenol-d6	6.516	99	1172309	94.615	ng	0.00
23) Nitrobenzene-d5	7.451	82	798703	75.243	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	387013	120.448	ng	0.01
45) 2-Fluorobiphenyl	9.245	172	1477734	71.096	ng	0.00
79) Terphenyl-d14	13.022	244	1759884	70.156	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	113749	25.502	ng	98
3) Pyridine	3.516	79	286326	25.898	ng	99
4) n-Nitrosodimethylamine	3.475	42	195354	32.887	ng	92
6) Aniline	6.551	93	385036	33.344	ng	99
8) 2-Chlorophenol	6.675	128	355629	36.363	ng	98
9) Benzaldehyde	6.440	77	62537	8.972	ng	98
10) Phenol	6.534	94	440337m	34.472	ng	
11) bis(2-Chloroethyl)ether	6.622	93	342938	34.734	ng	99
12) 1,3-Dichlorobenzene	6.828	146	378473	33.712	ng	99
13) 1,4-Dichlorobenzene	6.904	146	381982	34.057	ng	99
14) 1,2-Dichlorobenzene	7.057	146	367763	35.132	ng	99
15) Benzyl Alcohol	7.028	79	341566	37.581	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	565941	33.617	ng	96
17) 2-Methylphenol	7.134	107	298820	35.832	ng	97
18) Hexachloroethane	7.398	117	141896	35.477	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	265745	35.363	ng	99
20) 3+4-Methylphenols	7.287	107	369008	34.594	ng	# 85
22) Acetophenone	7.298	105	498653	34.605	ng	99
24) Nitrobenzene	7.469	77	407175	34.986	ng	99
25) Isophorone	7.710	82	732113	36.338	ng	99
26) 2-Nitrophenol	7.781	139	190854	43.469	ng	97
27) 2,4-Dimethylphenol	7.816	122	301422	41.172	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	426467	34.938	ng	99
29) 2,4-Dichlorophenol	8.022	162	308490	36.994	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	314619	34.098	ng	99
31) Naphthalene	8.192	128	1061127	34.972	ng	100
32) Benzoic acid	7.940	122	229900	36.004	ng	99
33) 4-Chloroaniline	8.234	127	209860	20.284	ng	100
34) Hexachlorobutadiene	8.304	225	208389	35.945	ng	99
35) Caprolactam	8.616	113	96843m	36.524	ng	
36) 4-Chloro-3-methylphenol	8.722	107	350066	37.913	ng	99
37) 2-Methylnaphthalene	8.881	142	675332	36.342	ng	99
38) 1-Methylnaphthalene	8.981	142	641523	35.187	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	327707	35.361	ng	98
41) Hexachlorocyclopentadiene	9.034	237	419426	130.069	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	250539	38.185	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140178.D
 Acq On : 31 Oct 2024 10:15
 Operator : RC/JU
 Sample : PB164540BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164540BS

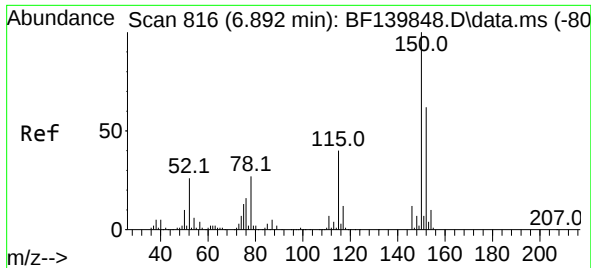
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 31 12:10:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

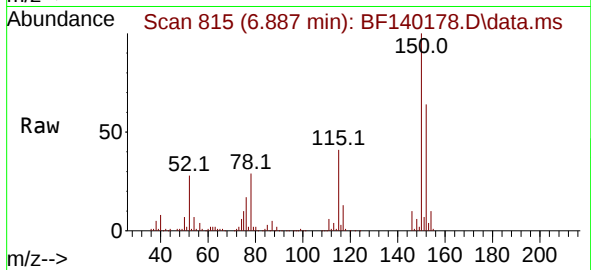
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	240421	35.516	ng	98
46) 1,1'-Biphenyl	9.351	154	835336	34.931	ng	99
47) 2-Chloronaphthalene	9.375	162	665137	34.534	ng	99
48) 2-Nitroaniline	9.469	65	243003	41.252	ng	100
49) Acenaphthylene	9.792	152	1043569	37.478	ng	99
50) Dimethylphthalate	9.657	163	806826	37.708	ng	100
51) 2,6-Dinitrotoluene	9.716	165	179607	38.768	ng	99
52) Acenaphthene	9.969	154	755838	41.962	ng	98
53) 3-Nitroaniline	9.886	138	134444	28.141	ng	97
54) 2,4-Dinitrophenol	9.998	184	219749	111.377	ng #	1
55) Dibenzofuran	10.139	168	926029	35.832	ng	98
56) 4-Nitrophenol	10.051	139	297191	80.854	ng	92
57) 2,4-Dinitrotoluene	10.128	165	244383	42.896	ng	95
58) Fluorene	10.486	166	727555	36.962	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	205849	38.790	ng	99
60) Diethylphthalate	10.363	149	795973	37.888	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	364593	36.677	ng	98
62) 4-Nitroaniline	10.510	138	193417	42.865	ng	95
63) Azobenzene	10.639	77	809448	36.343	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	146695	56.353	ng	95
66) n-Nitrosodiphenylamine	10.598	169	678341	35.514	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	236140	35.917	ng	98
68) Hexachlorobenzene	11.033	284	265113	35.854	ng	99
69) Atrazine	11.128	200	233794	45.185	ng	98
70) Pentachlorophenol	11.233	266	331054	73.771	ng	99
71) Phenanthrene	11.457	178	1087142	36.063	ng	100
72) Anthracene	11.504	178	1108125	37.675	ng	100
73) Carbazole	11.657	167	993450	36.318	ng	99
74) Di-n-butylphthalate	11.986	149	1253855	39.675	ng	100
75) Fluoranthene	12.645	202	1159597	38.051	ng	99
77) Benzidine	12.769	184	439202	65.344	ng	99
78) Pyrene	12.874	202	1177466	32.908	ng	99
80) Butylbenzylphthalate	13.498	149	491798	45.847	ng	99
81) Benzo(a)anthracene	14.080	228	955949	35.926	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	209783	27.040	ng	100
83) Chrysene	14.121	228	917850	37.621	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	652028	54.177	ng	98
85) Di-n-octyl phthalate	14.710	149	1017141	46.465	ng	98
87) Indeno(1,2,3-cd)pyrene	17.157	276	730882	33.027	ng	97
88) Benzo(b)fluoranthene	15.174	252	752340	35.904	ng	99
89) Benzo(k)fluoranthene	15.204	252	718371	39.752	ng	99
90) Benzo(a)pyrene	15.551	252	667766	38.729	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	599184	32.457	ng	98
92) Benzo(g,h,i)perylene	17.627	276	549722	29.811	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

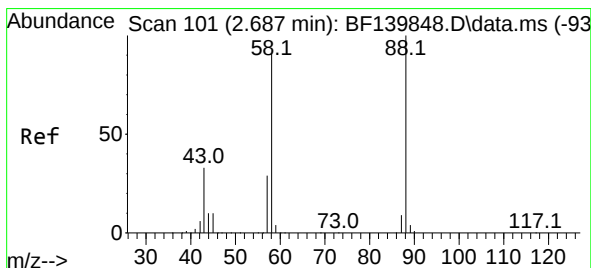
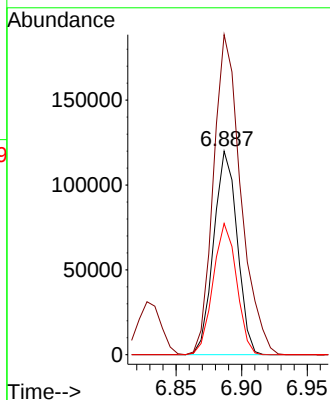
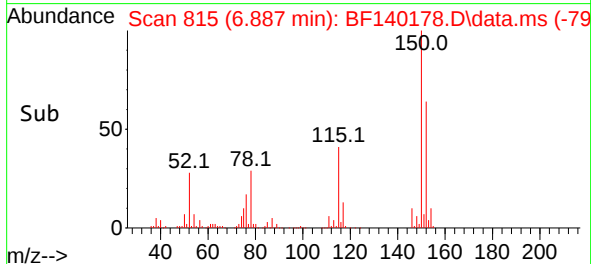
Instrument :
BNA_F
ClientSampleId :
PB164540BS



Tgt Ion:152 Resp: 149764
Ion Ratio Lower Upper
152 100
150 157.2 130.2 195.2
115 64.4 51.4 77.2

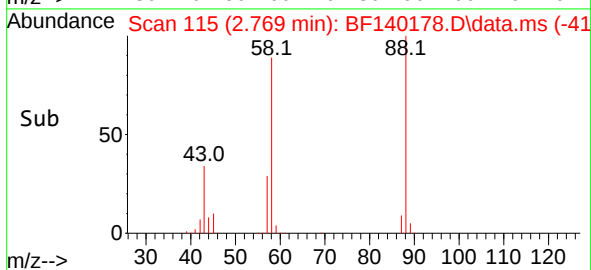
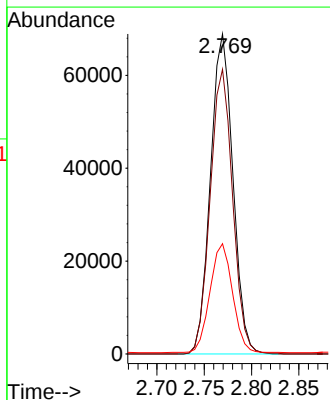
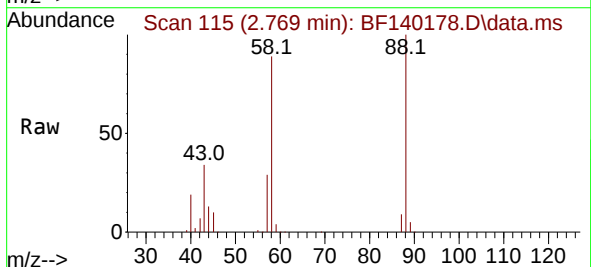
Manual Integrations
APPROVED

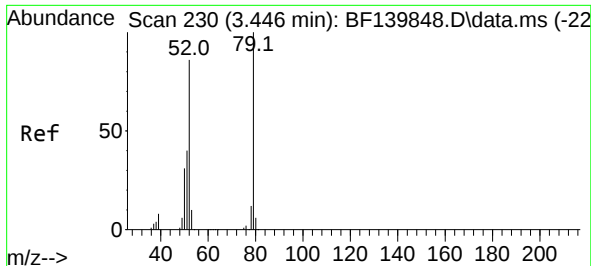
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#2
1,4-Dioxane
Concen: 25.502 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.083 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion: 88 Resp: 113749
Ion Ratio Lower Upper
88 100
58 89.1 73.3 109.9
43 34.4 27.1 40.7





#3

Pyridine

Concen: 25.898 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.071 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

Tgt Ion: 79 Resp: 286320

Ion Ratio Lower Upper

79 100

52 85.4 68.5 102.7

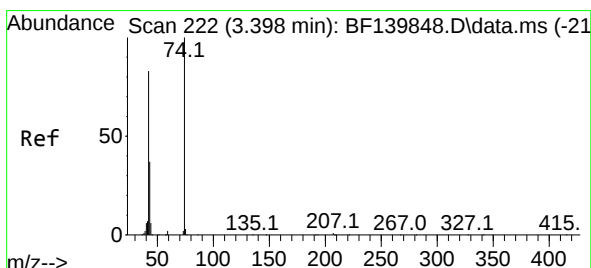
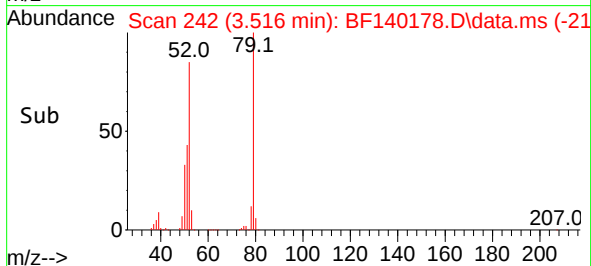
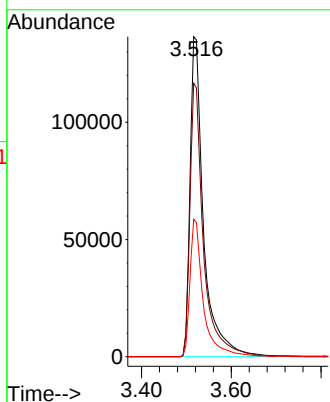
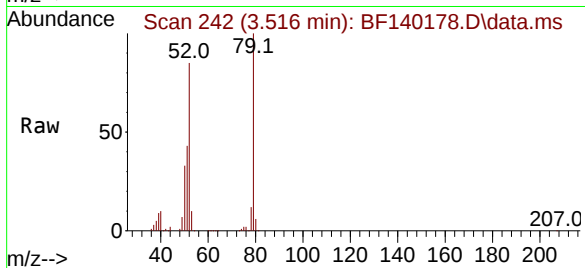
51 43.0 32.3 48.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#4

n-Nitrosodimethylamine

Concen: 32.887 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.077 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

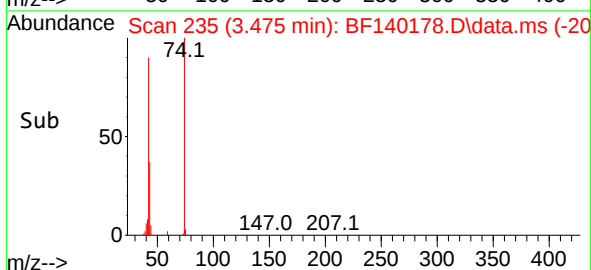
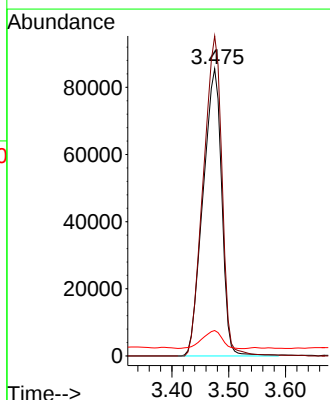
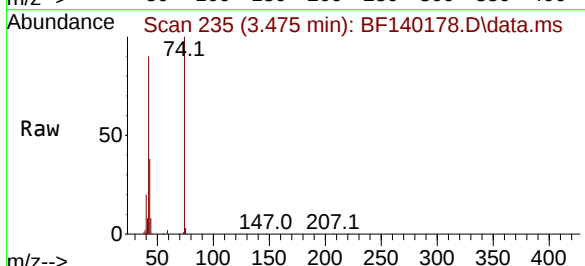
Tgt Ion: 42 Resp: 195354

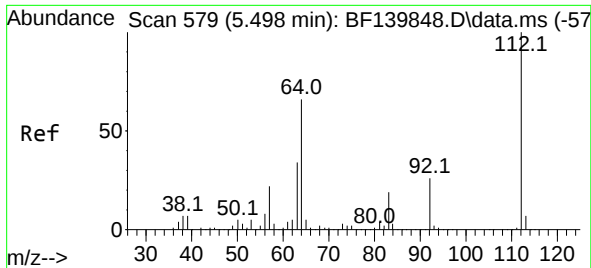
Ion Ratio Lower Upper

42 100

74 111.4 96.2 144.4

44 8.8 6.2 9.2





#5
2-Fluorophenol
Concen: 95.061 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

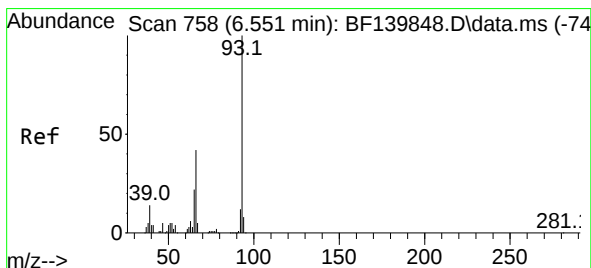
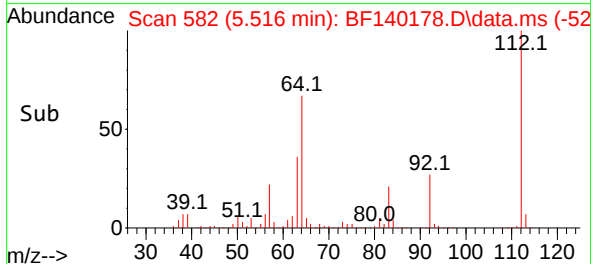
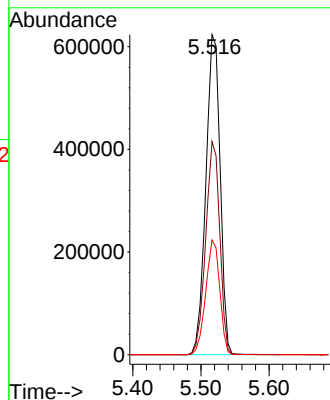
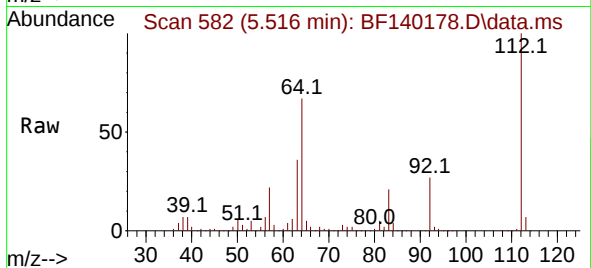
PB164540BS

Tgt Ion:112 Resp: 90941
Ion Ratio Lower Upper
112 100
64 66.6 53.0 79.6
63 35.8 27.0 40.4

Manual Integrations

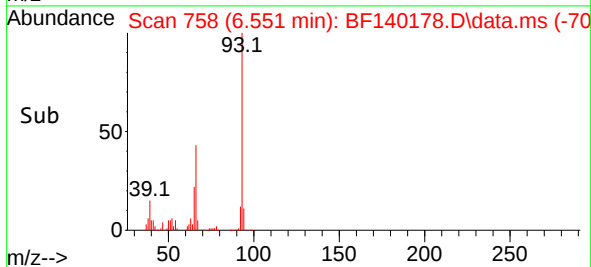
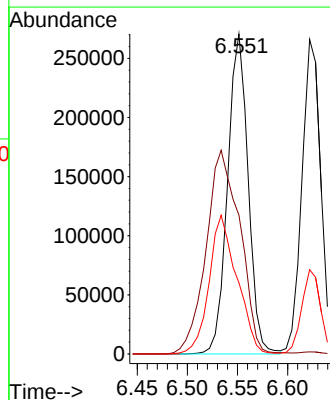
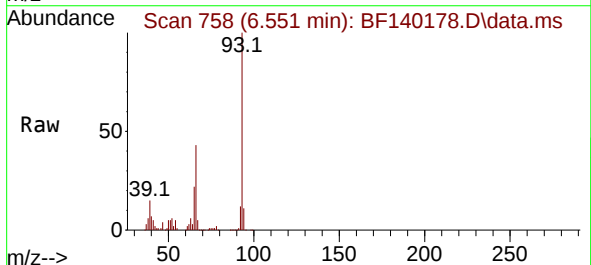
APPROVED

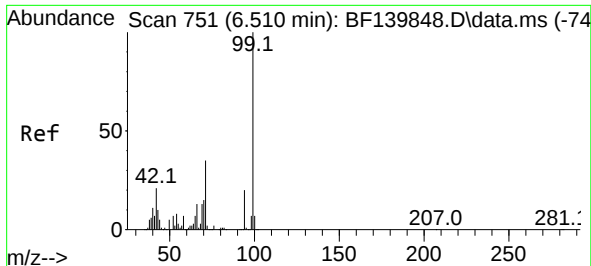
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#6
Aniline
Concen: 33.344 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion: 93 Resp: 385036
Ion Ratio Lower Upper
93 100
66 43.4 34.0 51.0
65 22.3 17.4 26.0





#7

Phenol-d6

Concen: 94.615 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

Tgt Ion: 99 Resp: 1172309

Ion Ratio Lower Upper

99 100

42 21.3 16.7 25.1

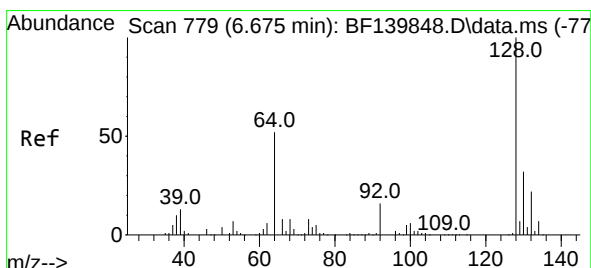
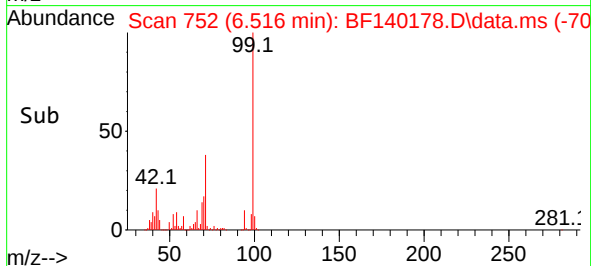
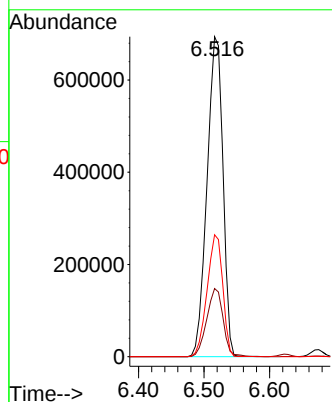
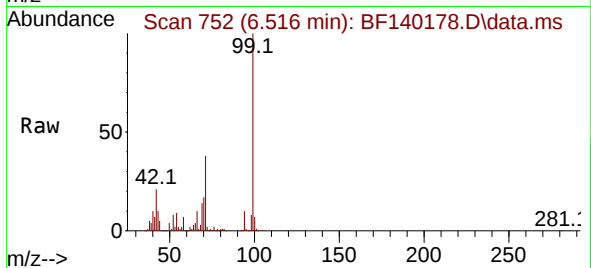
71 38.1 27.7 41.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#8

2-Chlorophenol

Concen: 36.363 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

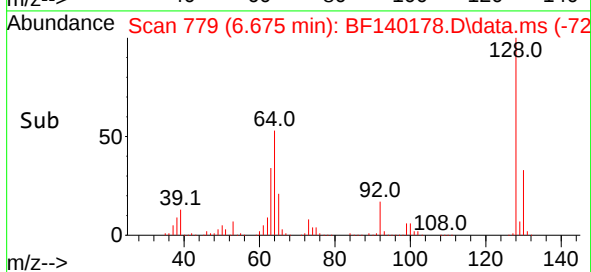
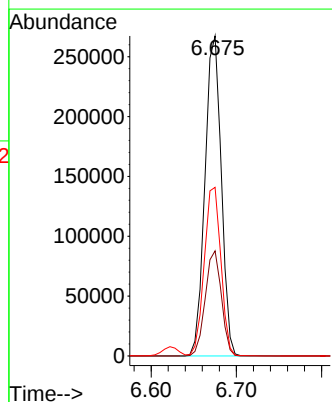
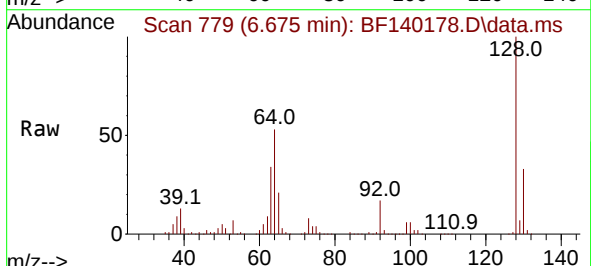
Tgt Ion:128 Resp: 355629

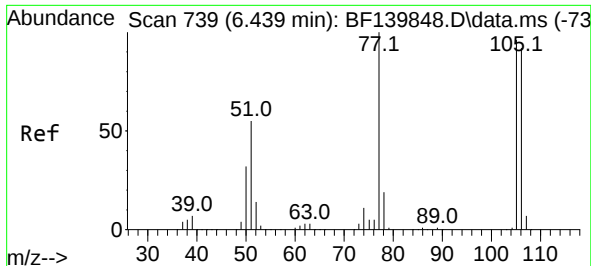
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 52.7 34.6 74.6





#9
Benzaldehyde
Concen: 8.972 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

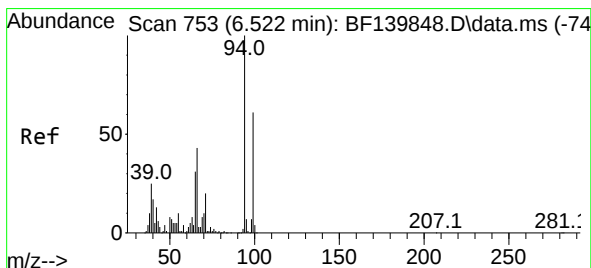
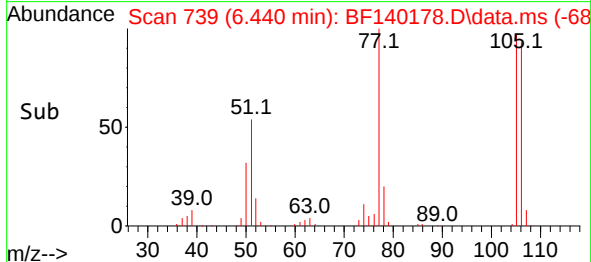
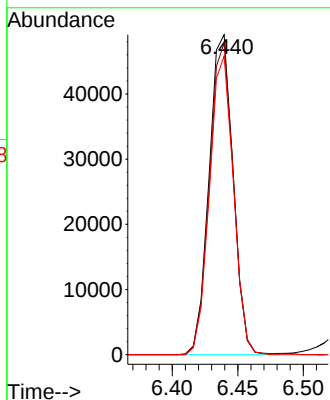
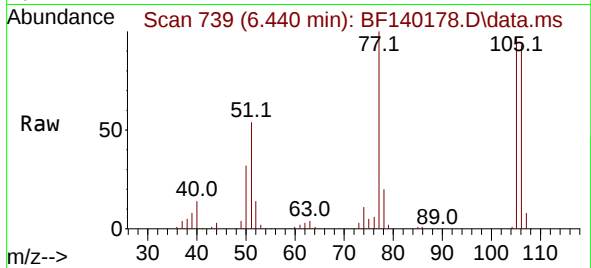
ClientSampleId :

PB164540BS

Tgt Ion: 77 Resp: 6253
Ion Ratio Lower Upper
77 100
105 97.3 75.5 115.5
106 93.3 71.7 111.7

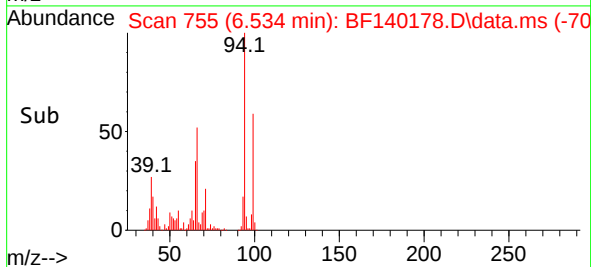
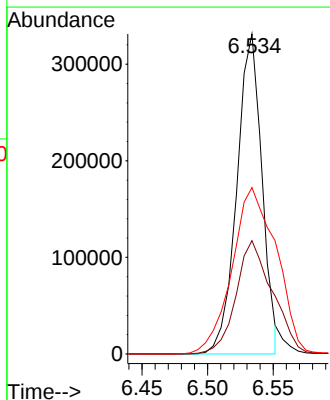
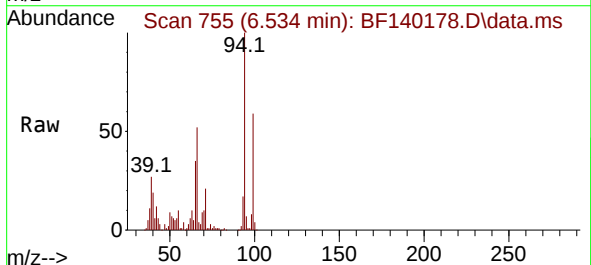
Manual Integrations
APPROVED

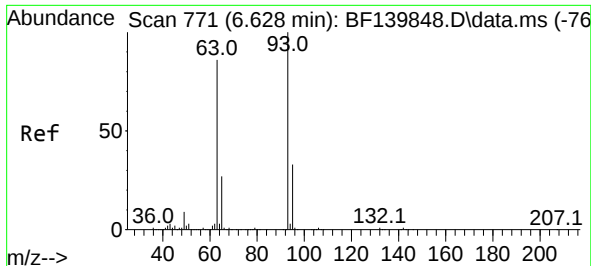
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 34.472 ng m
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

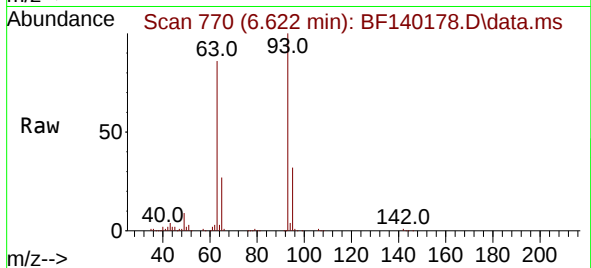
Tgt Ion: 94 Resp: 440337
Ion Ratio Lower Upper
94 100
65 35.4 11.1 51.1
66 52.0 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 34.734 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

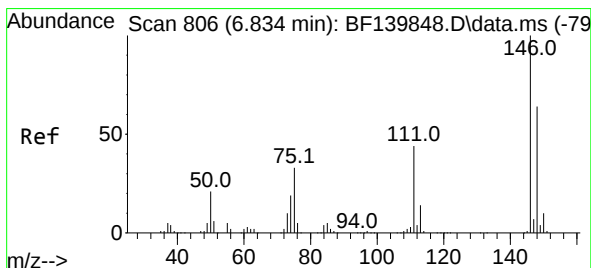
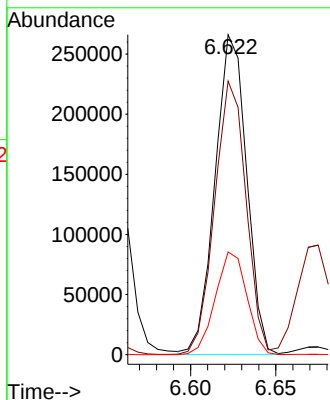
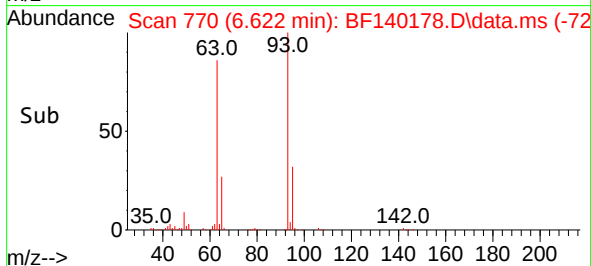
Instrument :
BNA_F
ClientSampleId :
PB164540BS



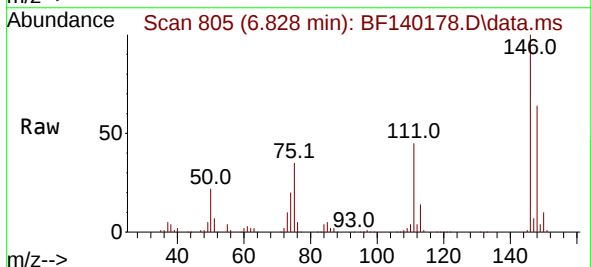
Tgt Ion: 93 Resp: 342938
Ion Ratio Lower Upper
93 100
63 85.5 65.0 105.0
95 32.1 12.4 52.4

Manual Integrations
APPROVED

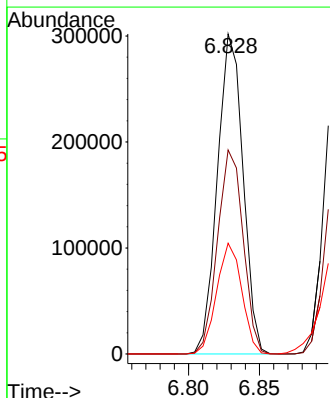
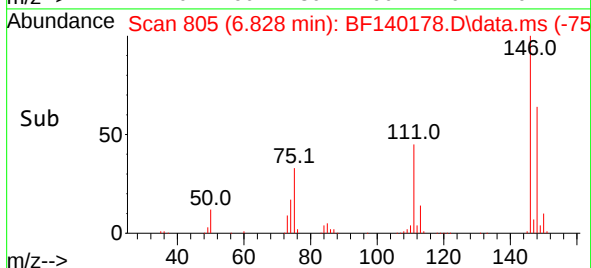
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

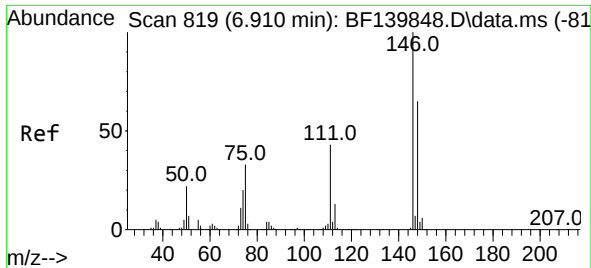


#12
1,3-Dichlorobenzene
Concen: 33.712 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15



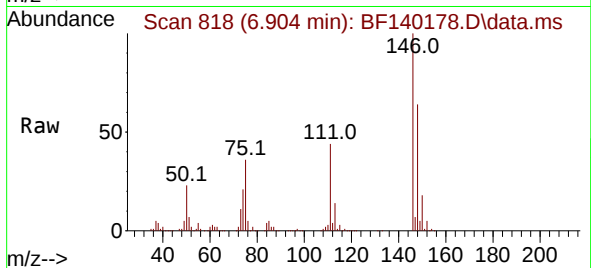
Tgt Ion:146 Resp: 378473
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 34.6 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 34.057 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

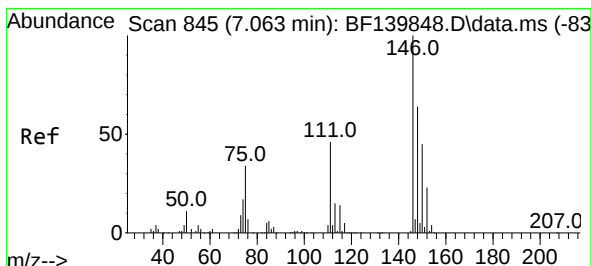
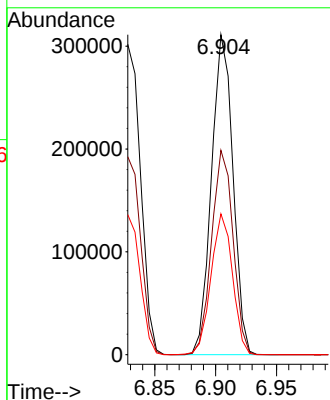
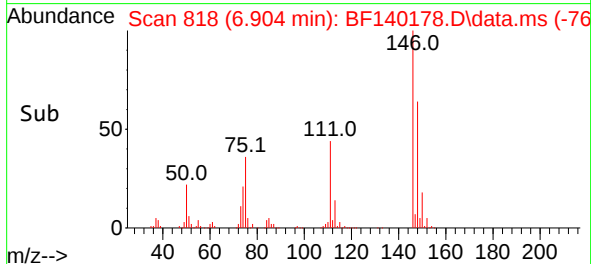
Instrument :
BNA_F
ClientSampleId :
PB164540BS



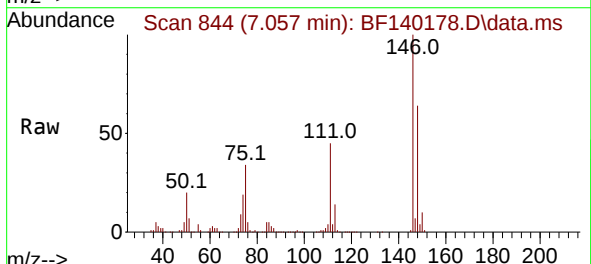
Tgt Ion:146 Resp: 38198
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
111 44.0 34.6 51.8

Manual Integrations
APPROVED

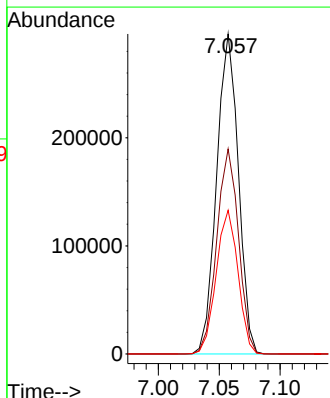
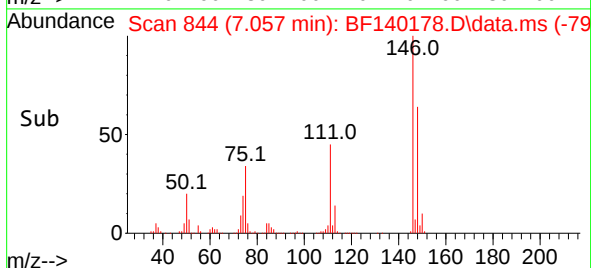
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

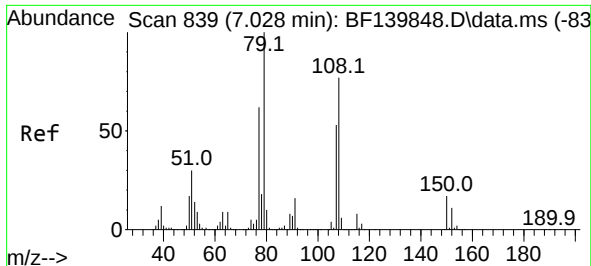


#14
1,2-Dichlorobenzene
Concen: 35.132 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15



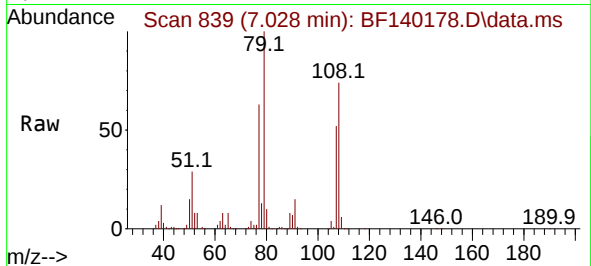
Tgt Ion:146 Resp: 367763
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 44.9 36.7 55.1





#15
Benzyl Alcohol
Concen: 37.581 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

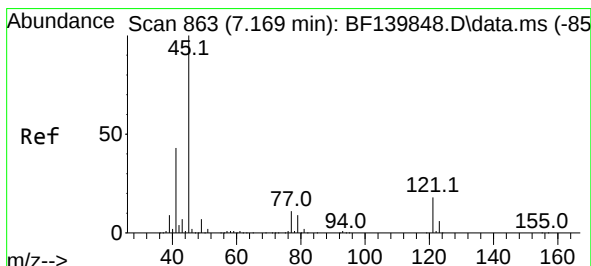
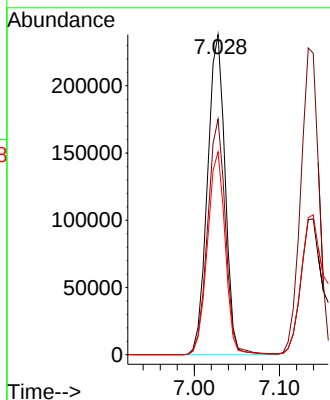
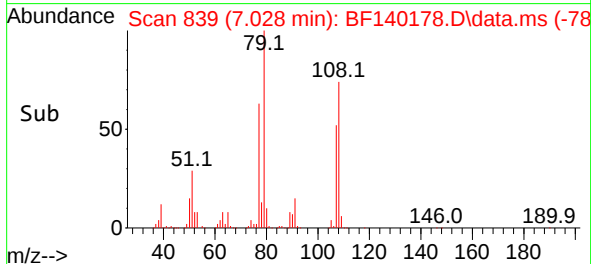
Instrument :
BNA_F
ClientSampleId :
PB164540BS



Tgt Ion: 79 Resp: 341560
Ion Ratio Lower Upper
79 100
108 73.6 61.4 92.0
77 63.4 49.9 74.9

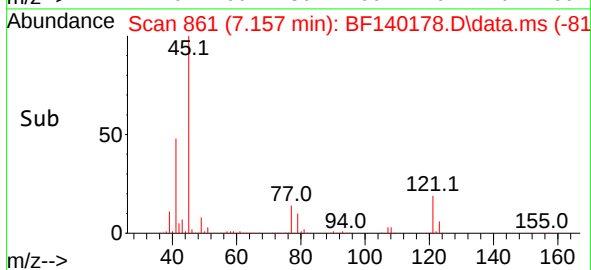
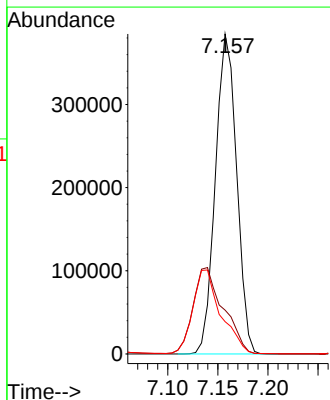
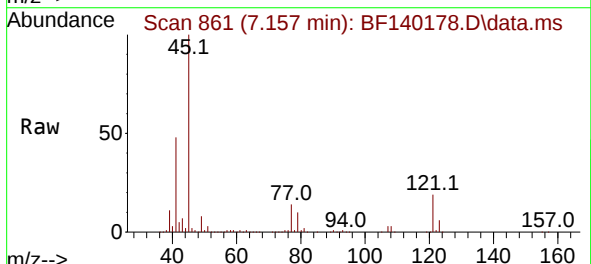
Manual Integrations
APPROVED

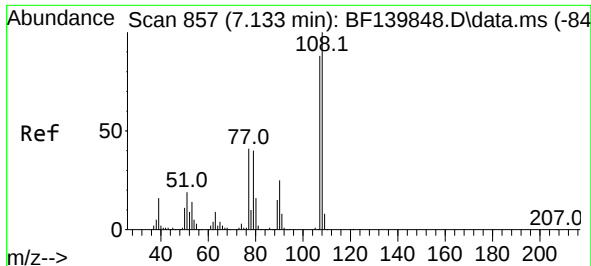
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.617 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion: 45 Resp: 565941
Ion Ratio Lower Upper
45 100
77 13.7 0.0 31.5
79 10.1 0.0 29.1





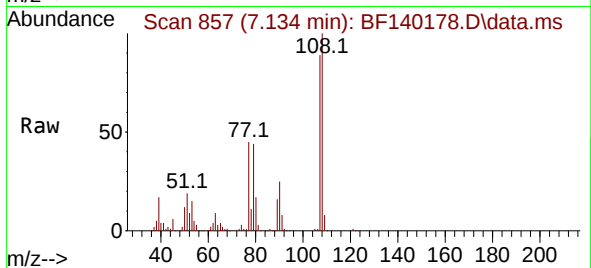
#17
2-Methylphenol
Concen: 35.832 ng
RT: 7.134 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

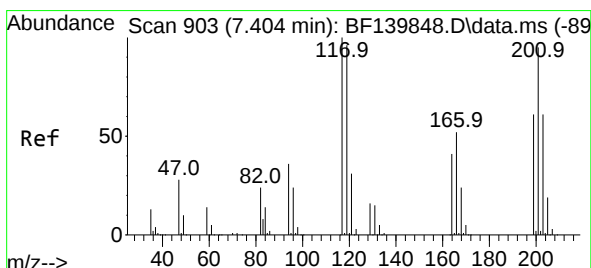
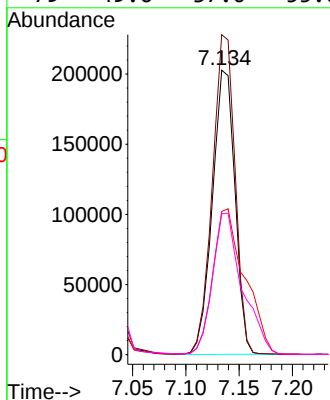
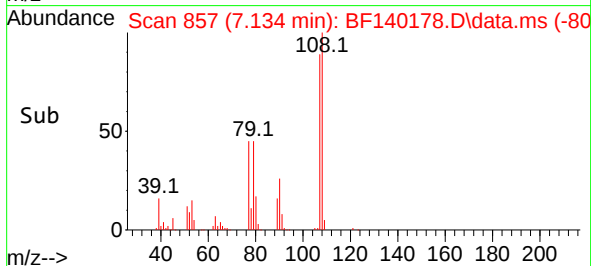


Tgt Ion:107 Resp: 298820
Ion Ratio Lower Upper
107 100
108 112.5 91.3 136.9
77 50.3 37.1 55.7
79 49.6 37.0 55.6

Manual Integrations

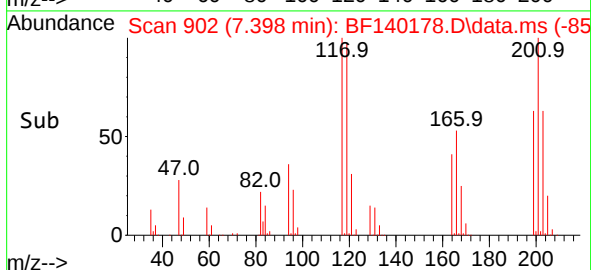
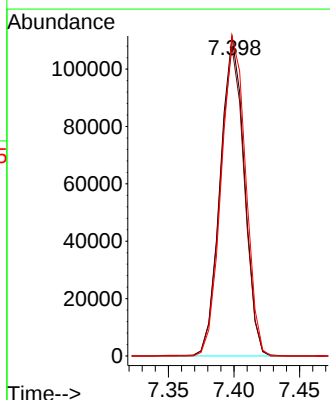
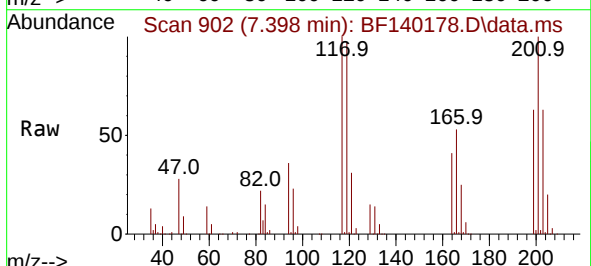
APPROVED

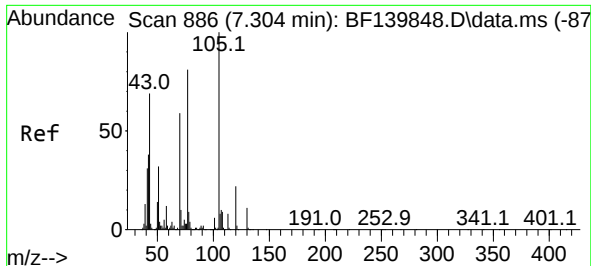
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 35.477 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion:117 Resp: 141896
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.4
201 100.1 76.2 114.4





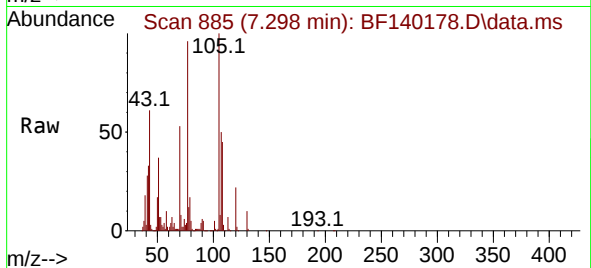
#19
n-Nitroso-di-n-propylamine
Concen: 35.363 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

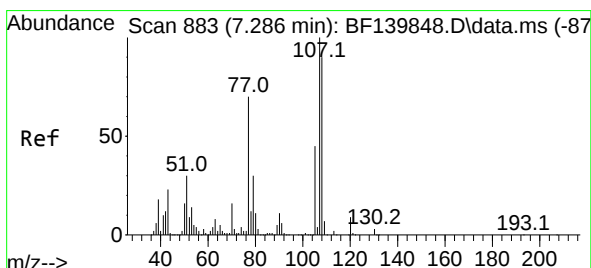
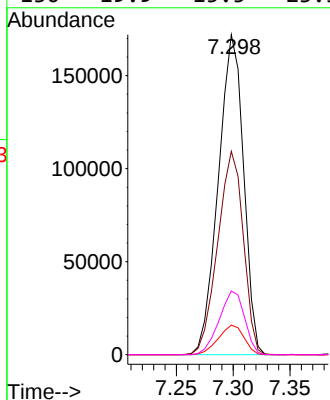
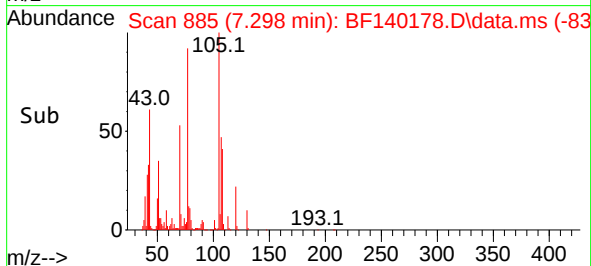


Tgt Ion: 70 Resp: 26574
Ion Ratio Lower Upper
70 100
42 63.6 51.5 77.3
101 9.2 7.5 11.3
130 19.9 15.5 23.3

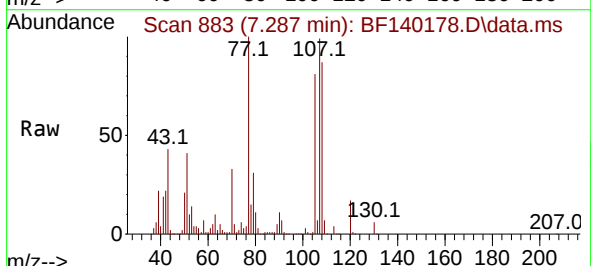
Manual Integrations

APPROVED

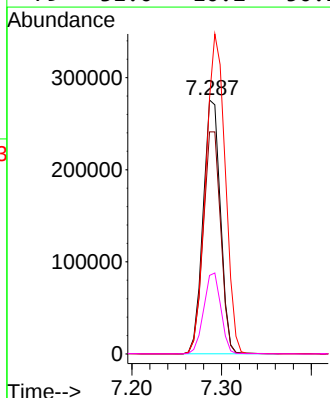
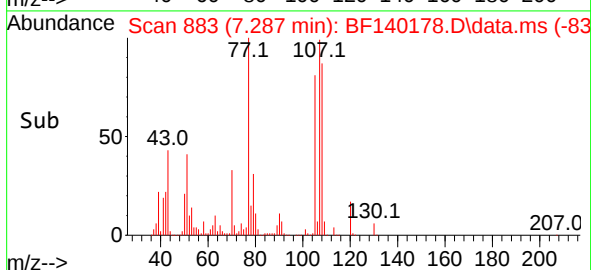
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

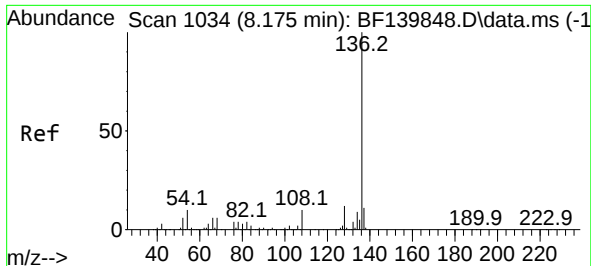


#20
3+4-Methylphenols
Concen: 34.594 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15



Tgt Ion:107 Resp: 369008
Ion Ratio Lower Upper
107 100
108 87.5 69.8 109.8
77 100.8 50.5 90.5#
79 31.0 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

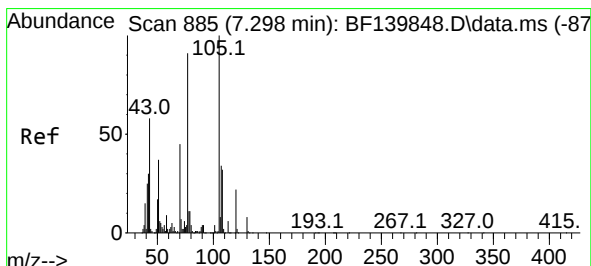
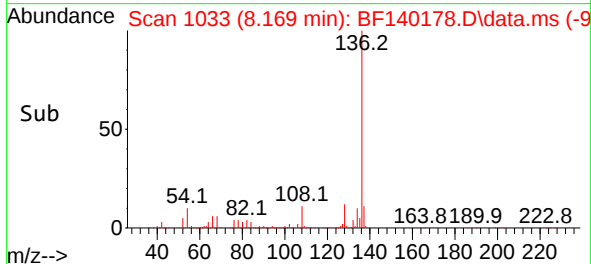
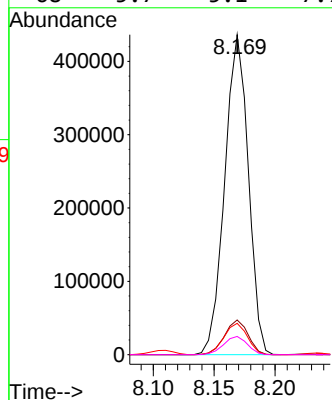
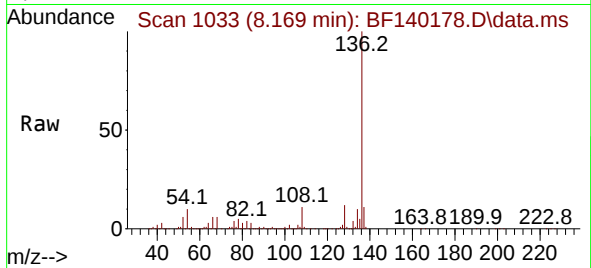
PB164540BS

Tgt Ion:136 Resp: 588319
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 8.4 12.6
68 5.7 5.1 7.7

Manual Integrations

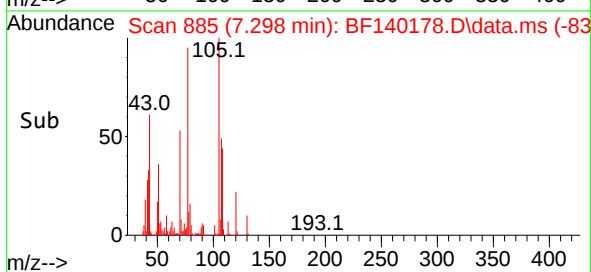
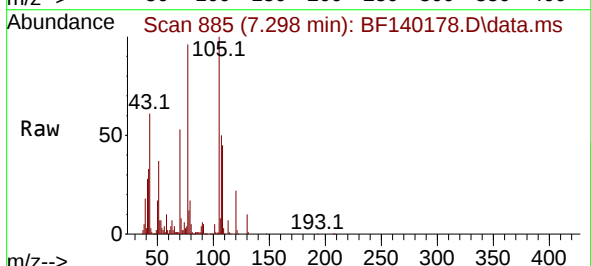
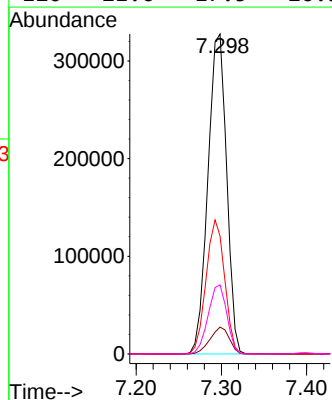
APPROVED

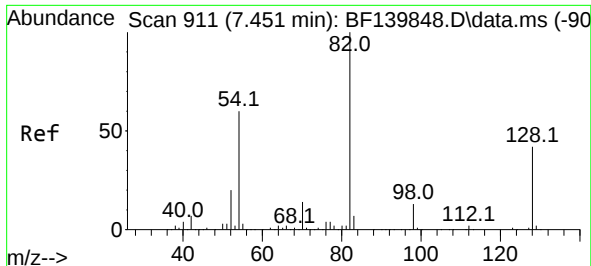
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 34.605 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion:105 Resp: 498653
Ion Ratio Lower Upper
105 100
71 8.4 5.9 8.9
51 36.9 29.4 44.2
120 21.6 17.5 26.3





#23

Nitrobenzene-d5

Concen: 75.243 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

Tgt Ion: 82 Resp: 79870

Ion Ratio Lower Upper

82 100

128 41.9 33.4 50.0

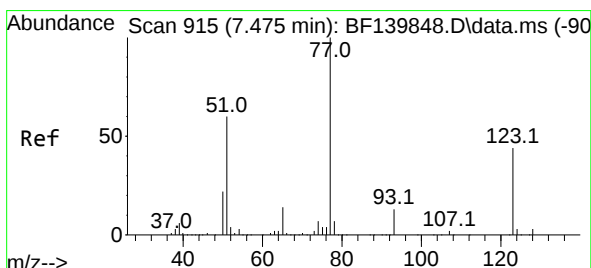
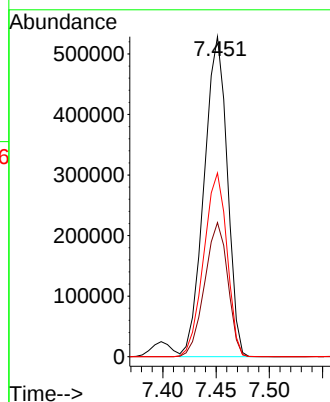
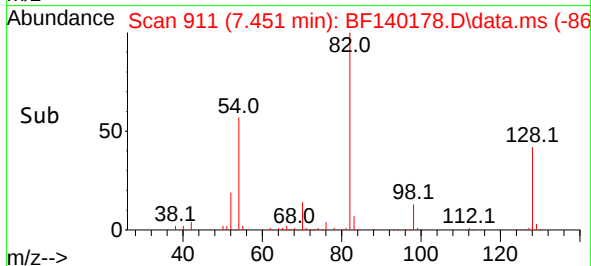
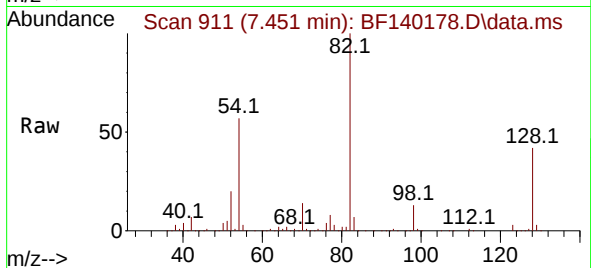
54 57.4 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#24

Nitrobenzene

Concen: 34.986 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

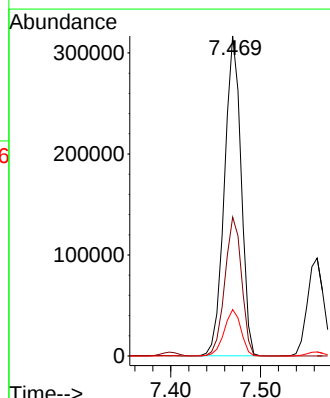
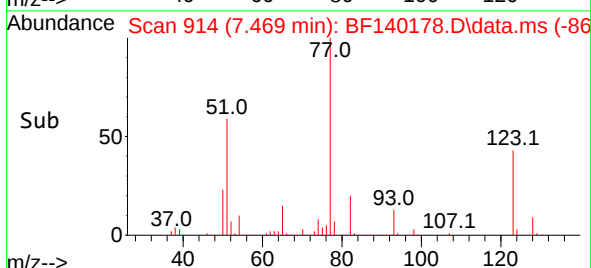
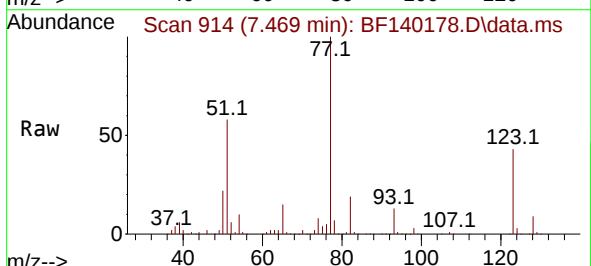
Tgt Ion: 77 Resp: 407175

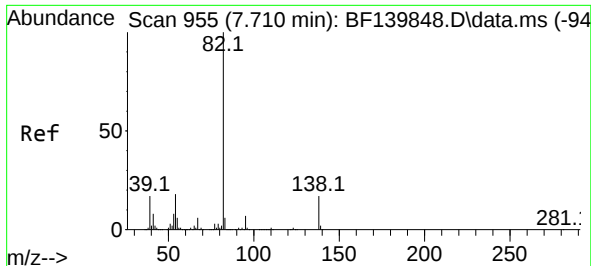
Ion Ratio Lower Upper

77 100

123 43.4 35.7 53.5

65 14.5 11.5 17.3





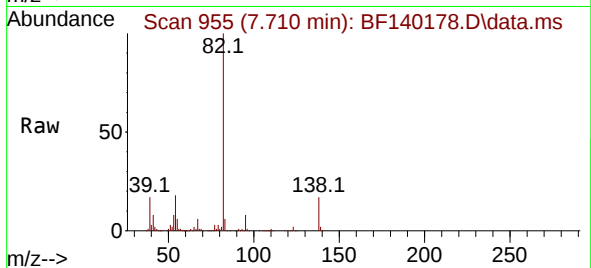
#25
Isophorone
Concen: 36.338 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS



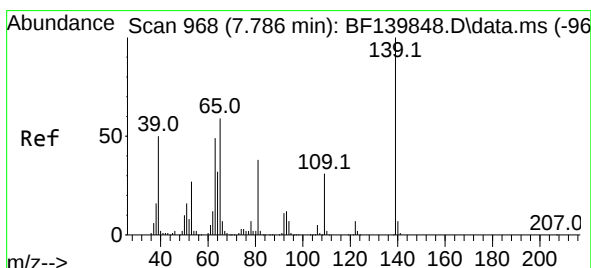
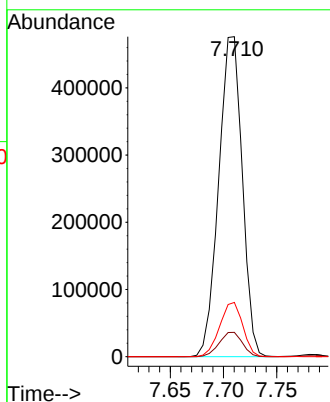
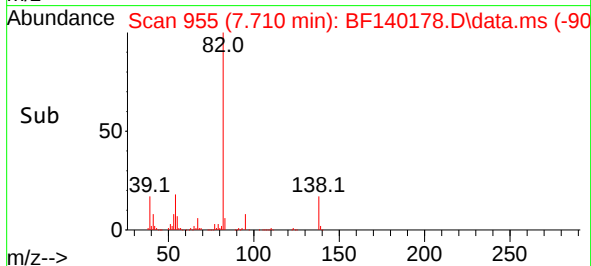
Tgt Ion: 82 Resp: 73211
Ion Ratio Lower Upper
82 100
95 7.6 5.5 8.3
138 17.0 13.2 19.8

Manual Integrations

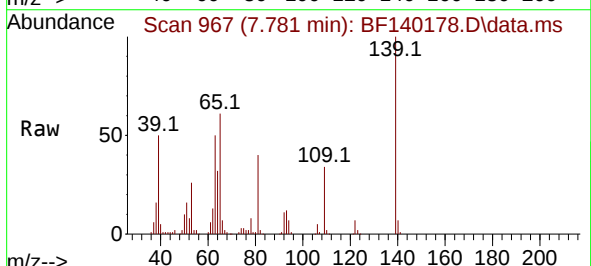
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

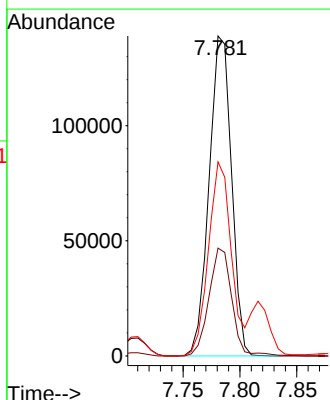
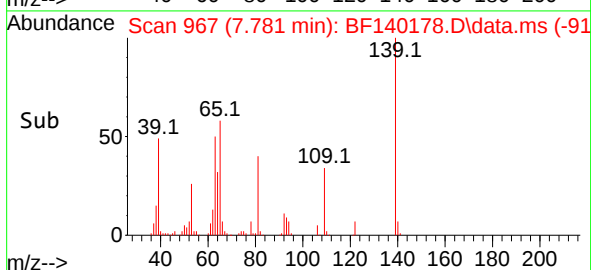
Supervised By :mohammad ahmed 11/04/2024

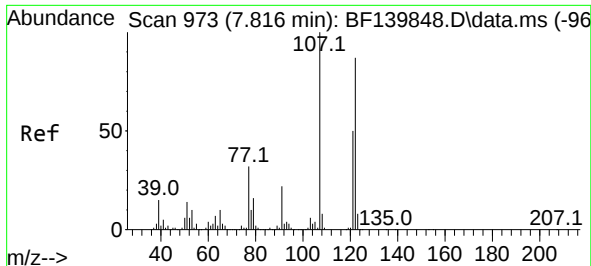


#26
2-Nitrophenol
Concen: 43.469 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15



Tgt Ion:139 Resp: 190854
Ion Ratio Lower Upper
139 100
109 33.7 25.1 37.7
65 60.7 47.5 71.3





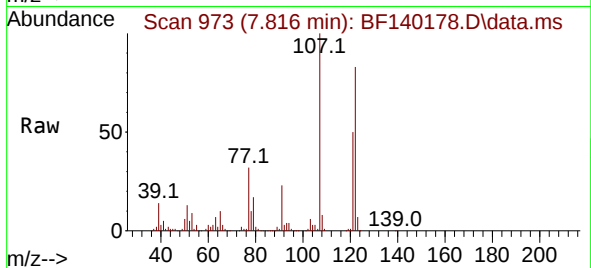
#27
2,4-Dimethylphenol
Concen: 41.172 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS



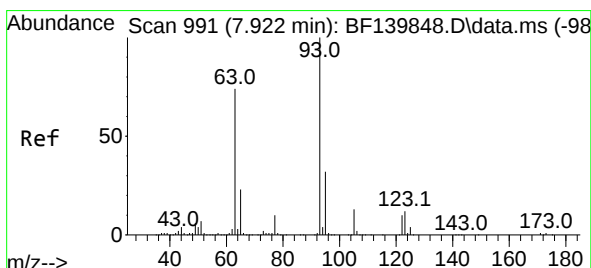
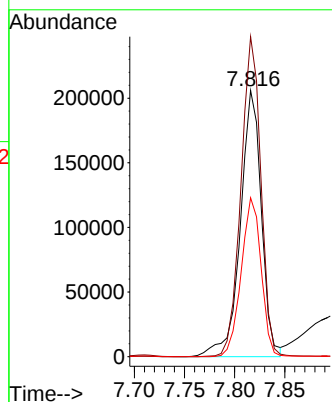
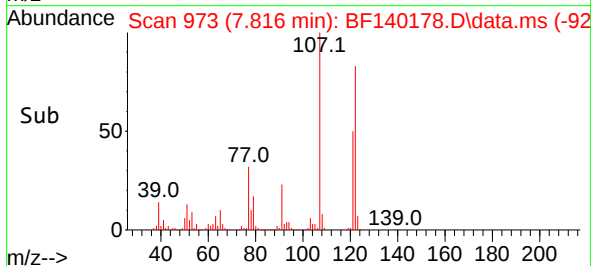
Tgt Ion:122 Resp: 30142
Ion Ratio Lower Upper
122 100
107 120.2 91.9 137.9
121 59.7 46.2 69.4

Manual Integrations

APPROVED

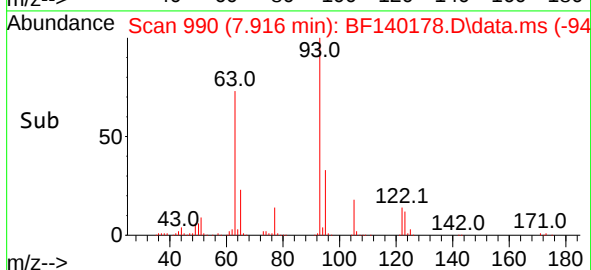
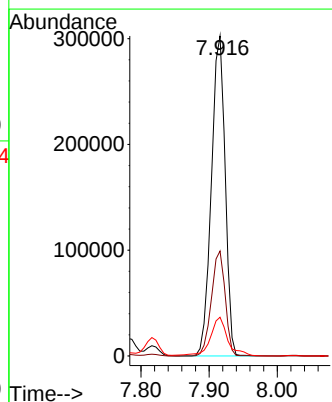
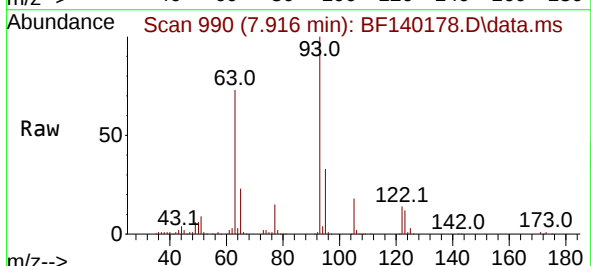
Reviewed By :Yogesh Patel 11/04/2024

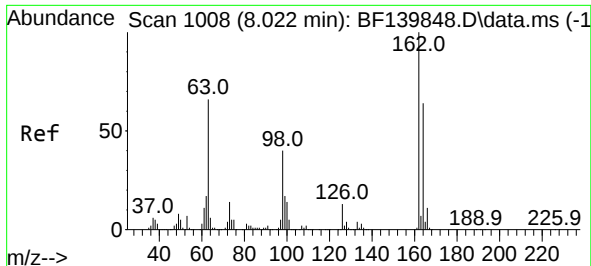
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 34.938 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion: 93 Resp: 426467
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 36.994 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF140178.D

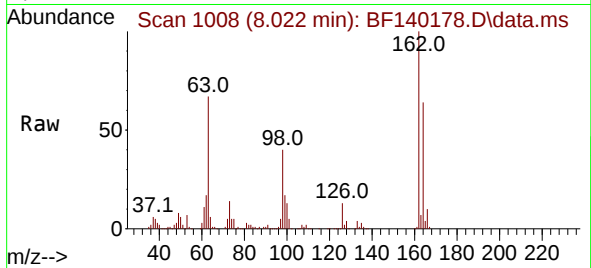
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS



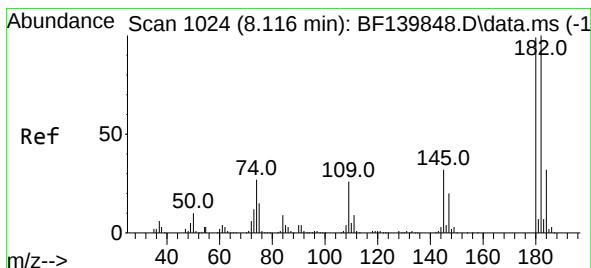
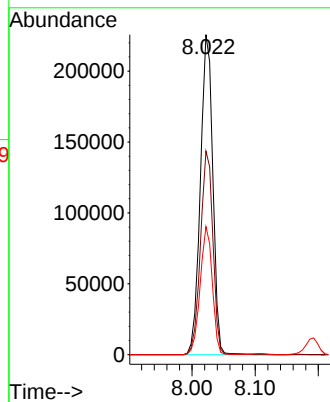
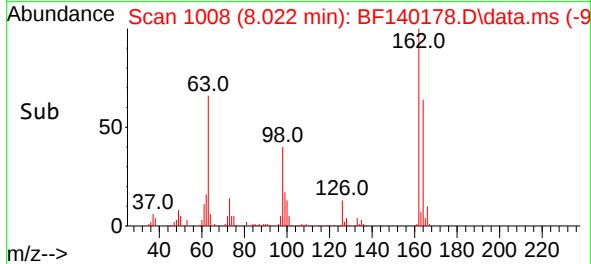
Tgt Ion:	162	Resp:	308490
Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.9	83.9
98	40.0	19.9	59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#30

1,2,4-Trichlorobenzene

Concen: 34.098 ng

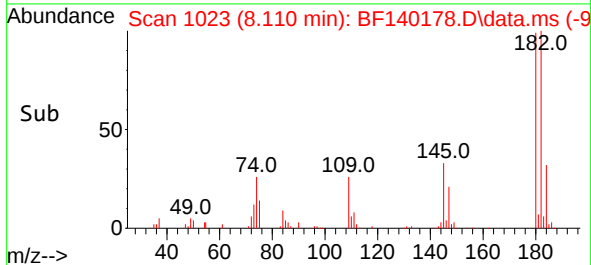
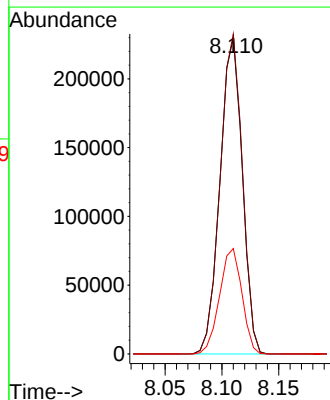
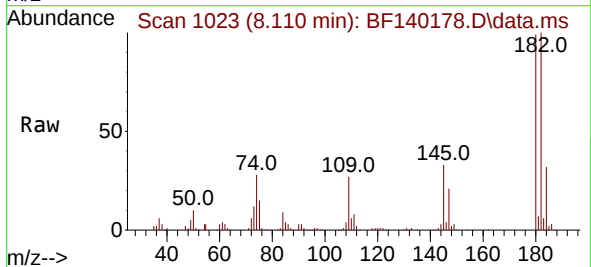
RT: 8.110 min Scan# 1023

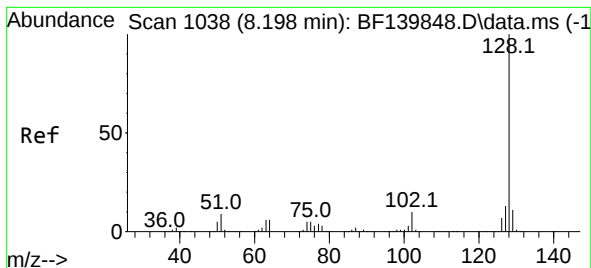
Delta R.T. -0.006 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Tgt Ion:	180	Resp:	314619
Ion	Ratio	Lower	Upper
180	100		
182	101.1	80.5	120.7
145	33.3	25.4	38.0





#31

Naphthalene

Concen: 34.972 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

Tgt Ion:128 Resp: 106112

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

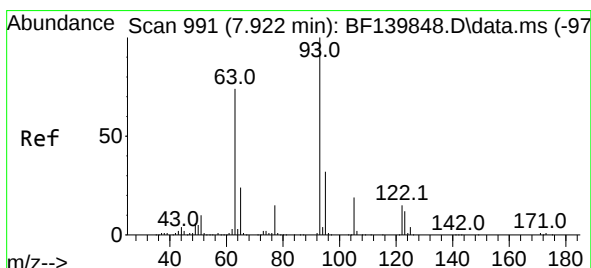
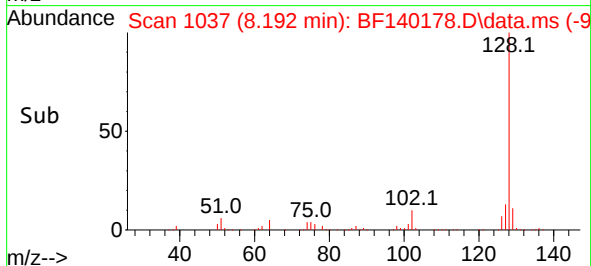
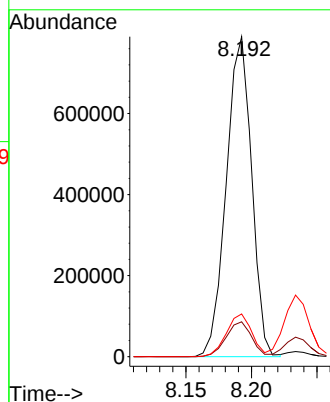
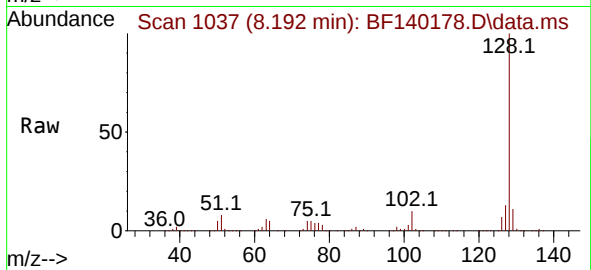
127 13.4 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#32

Benzoic acid

Concen: 36.004 ng

RT: 7.940 min Scan# 994

Delta R.T. 0.018 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

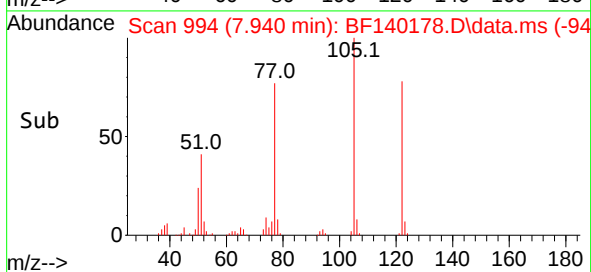
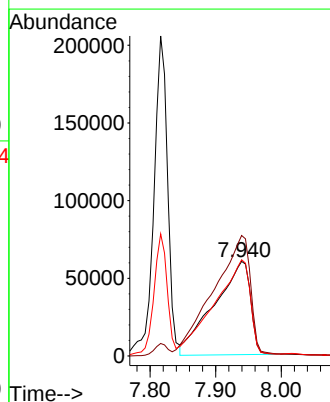
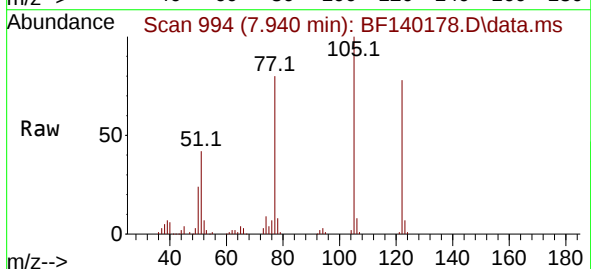
Tgt Ion:122 Resp: 229900

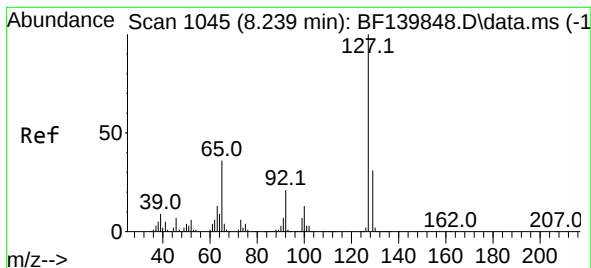
Ion Ratio Lower Upper

122 100

105 127.4 107.6 147.6

77 101.7 80.2 120.2





#33

4-Chloroaniline

Concen: 20.284 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

Tgt Ion:127 Resp: 209860

Ion Ratio Lower Upper

127 100

129 31.8 25.4 38.2

65 35.1 28.4 42.6

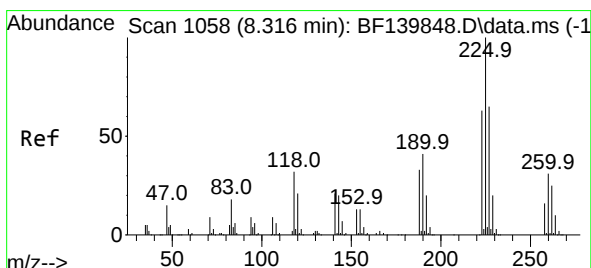
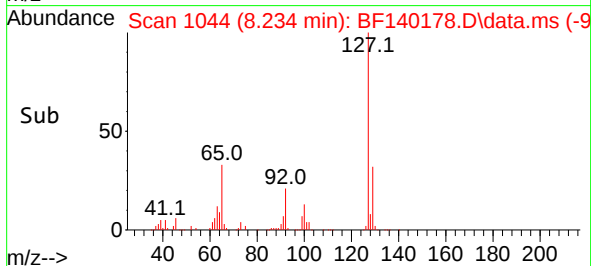
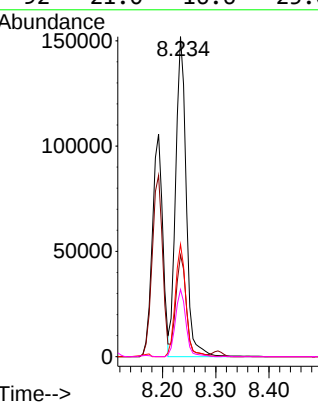
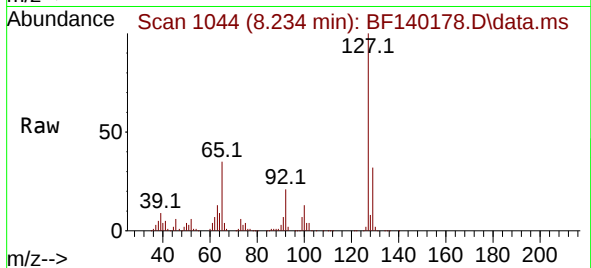
92 21.0 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#34

Hexachlorobutadiene

Concen: 35.945 ng

RT: 8.304 min Scan# 1056

Delta R.T. -0.012 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

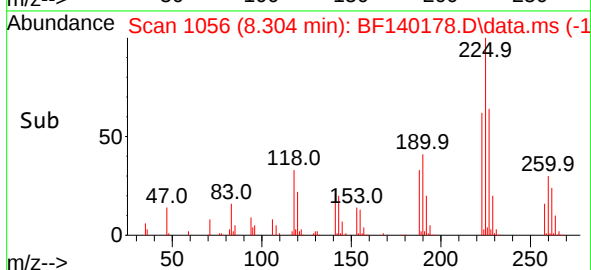
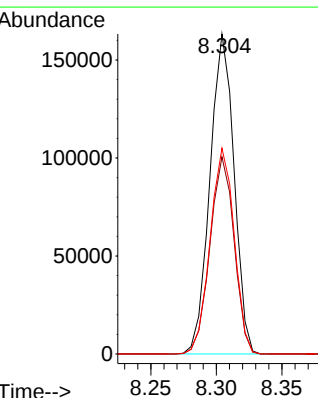
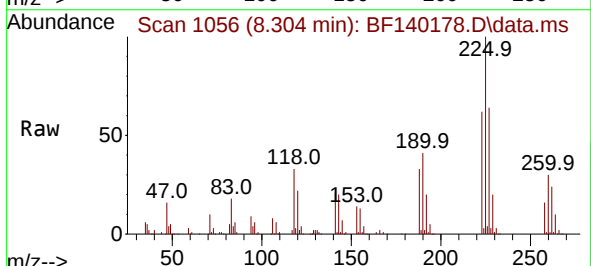
Tgt Ion:225 Resp: 208389

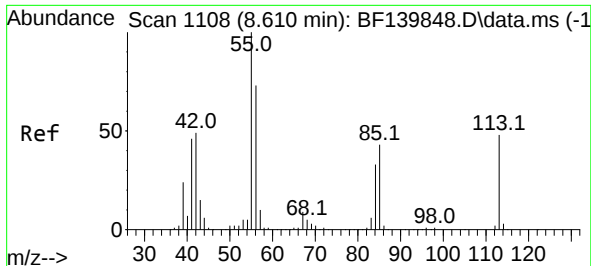
Ion Ratio Lower Upper

225 100

223 61.6 50.6 76.0

227 64.3 51.8 77.8





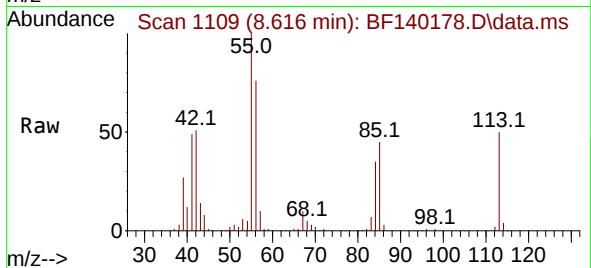
#35
Caprolactam
Concen: 36.524 ng m
RT: 8.616 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS



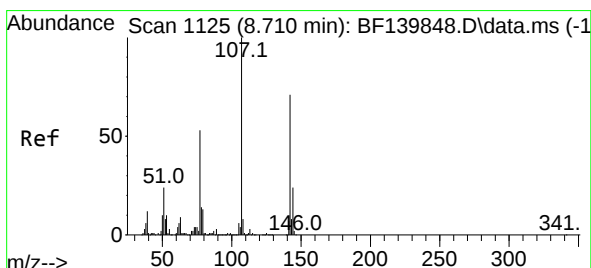
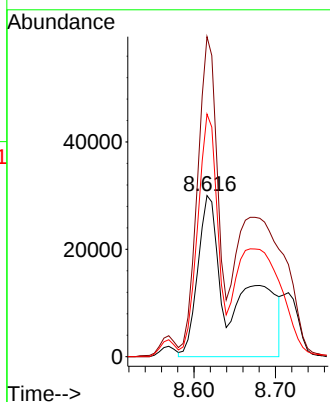
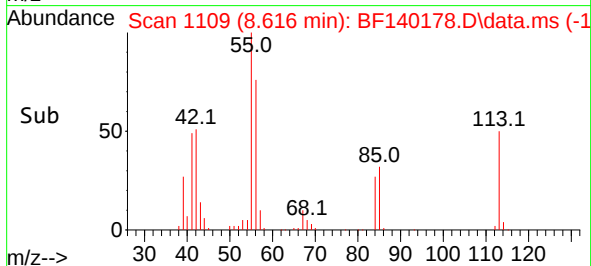
Tgt Ion:113 Resp: 9684
Ion Ratio Lower Upper
113 100
55 198.5 189.2 229.2
56 150.5 132.5 172.5

Manual Integrations

APPROVED

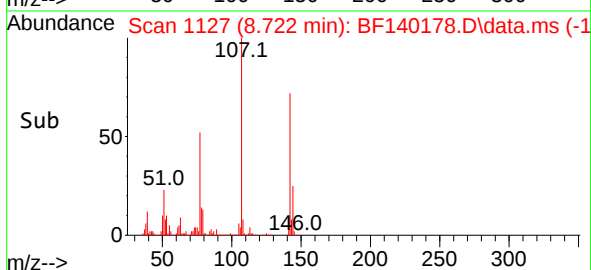
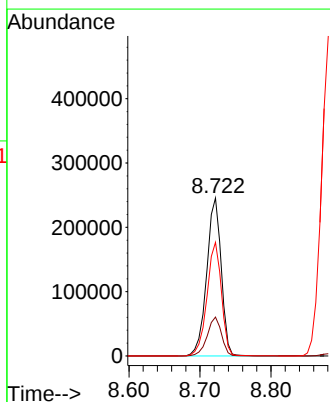
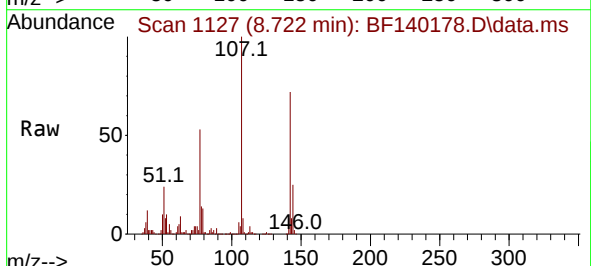
Reviewed By :Yogesh Patel 11/04/2024

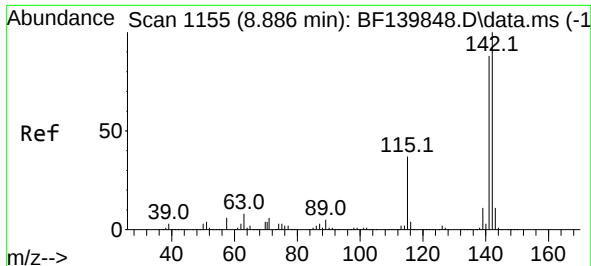
Supervised By :mohammad ahmed 11/04/2024



#36
4-Chloro-3-methylphenol
Concen: 37.913 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion:107 Resp: 350066
Ion Ratio Lower Upper
107 100
144 24.6 19.1 28.7
142 71.9 57.2 85.8





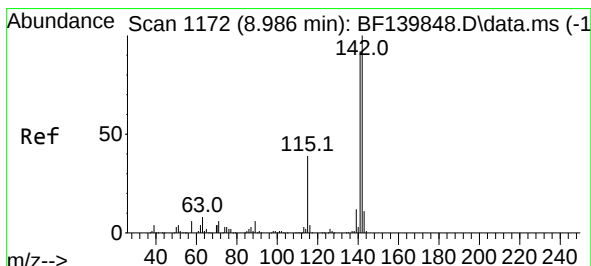
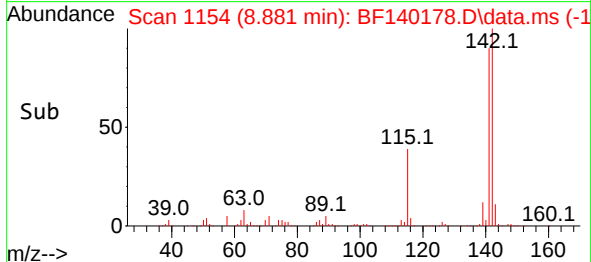
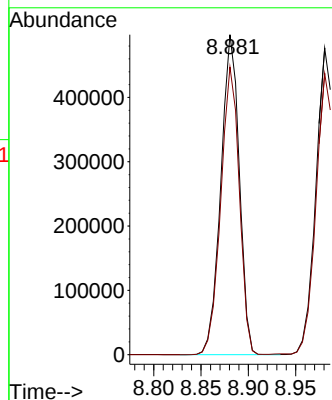
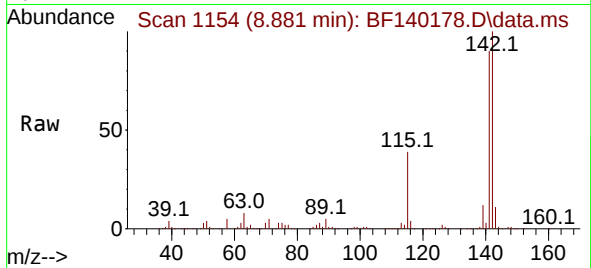
#37
2-Methylnaphthalene
Concen: 36.342 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB164540BS

Tgt Ion:142 Resp: 67533
Ion Ratio Lower Upper
142 100
141 89.9 70.8 106.2

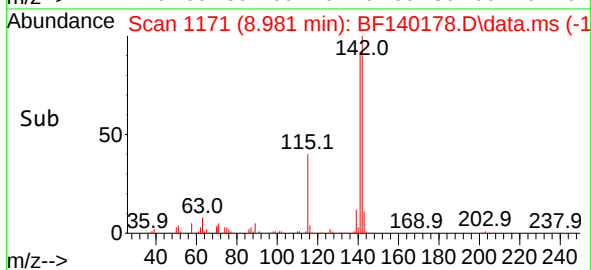
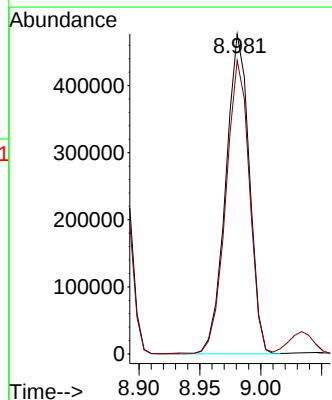
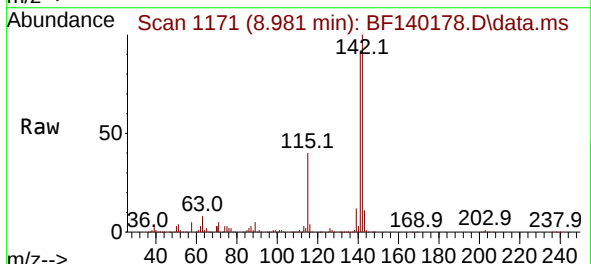
Manual Integrations
APPROVED

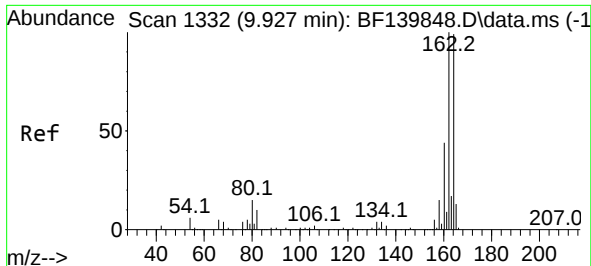
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#38
1-Methylnaphthalene
Concen: 35.187 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion:142 Resp: 641523
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3





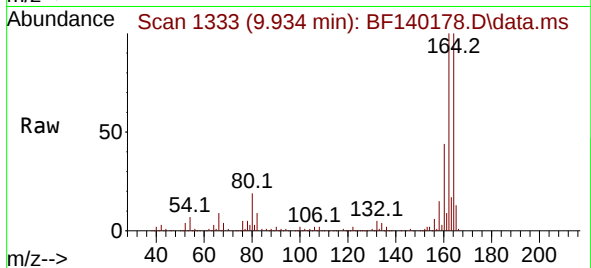
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1183
Delta R.T. 0.007 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS



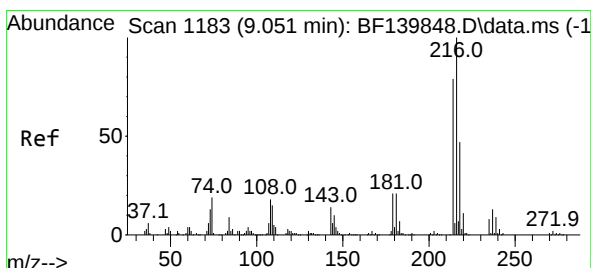
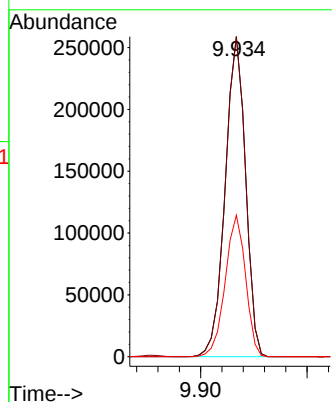
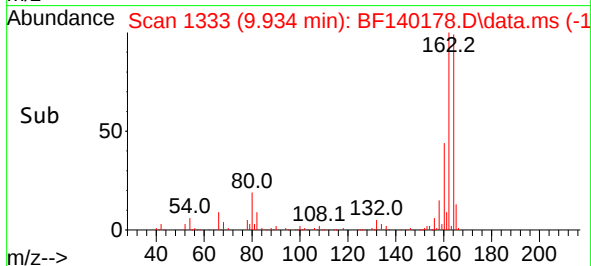
Tgt Ion:164 Resp: 343514
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 44.2 35.4 53.0

Manual Integrations

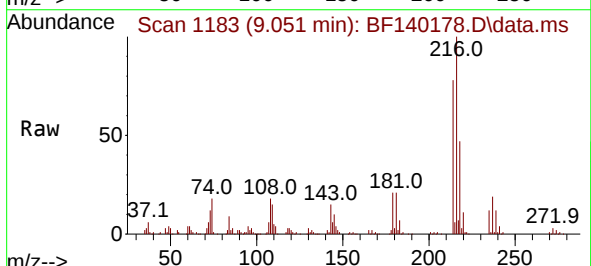
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

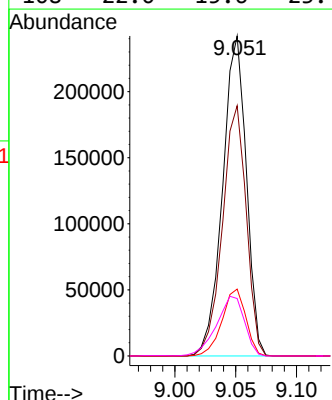
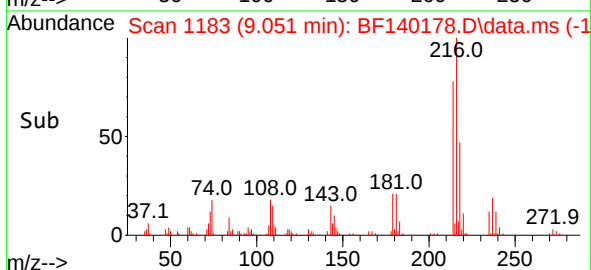
Supervised By :mohammad ahmed 11/04/2024

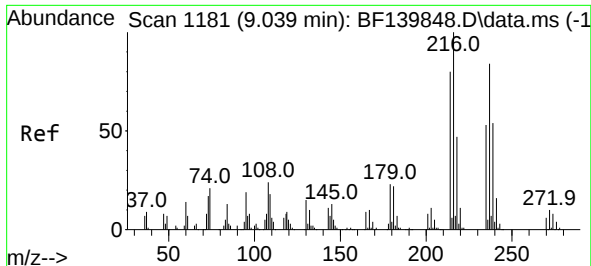


#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.361 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15



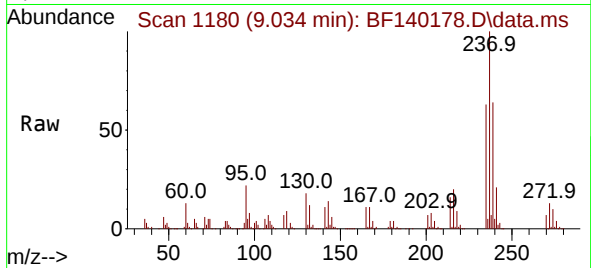
Tgt Ion:216 Resp: 327707
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.0
179 21.0 17.2 25.8
108 22.0 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 130.069 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

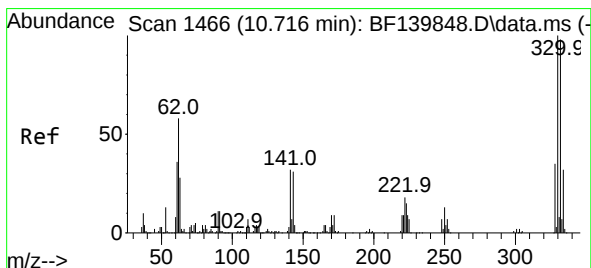
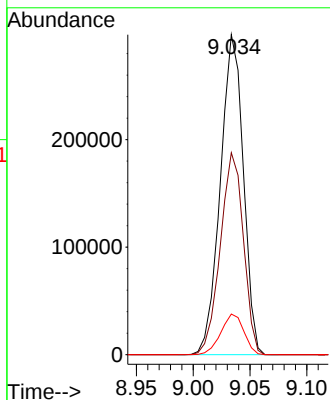
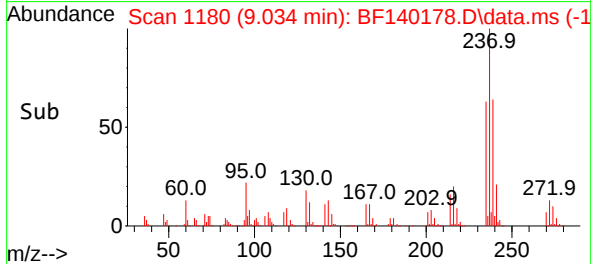
Instrument :
BNA_F
ClientSampleId :
PB164540BS



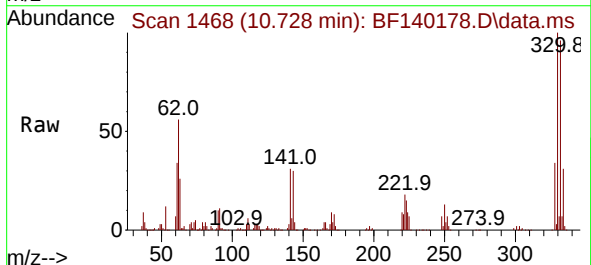
Tgt Ion:237 Resp: 419420
Ion Ratio Lower Upper
237 100
235 63.1 42.9 82.9
272 12.7 0.0 32.3

Manual Integrations
APPROVED

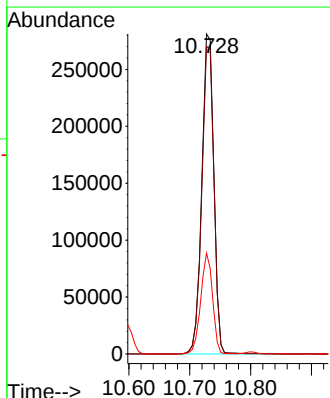
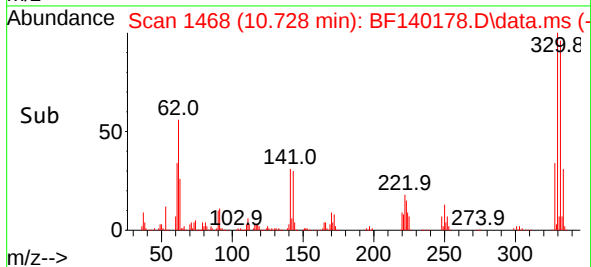
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

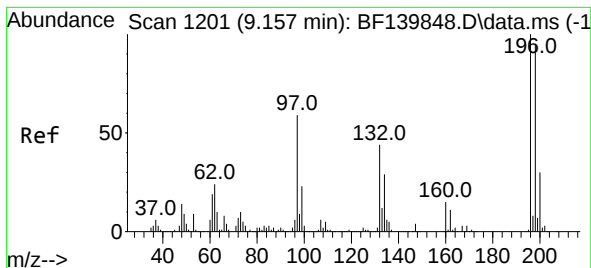


#42
2,4,6-Tribromophenol
Concen: 120.448 ng
RT: 10.728 min Scan# 1468
Delta R.T. 0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15



Tgt Ion:330 Resp: 387013
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 30.9 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 38.185 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

Tgt Ion:196 Resp: 250539

Ion Ratio Lower Upper

196 100

198 96.5 76.2 114.2

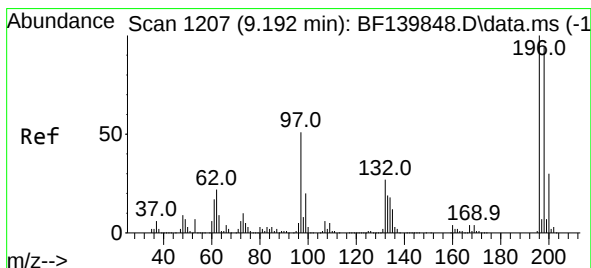
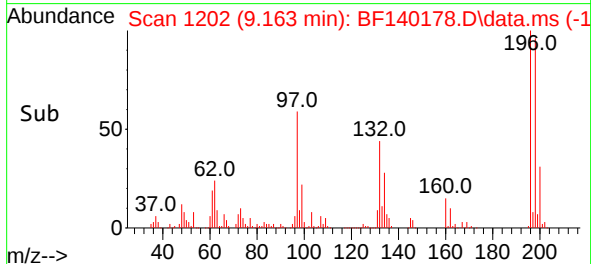
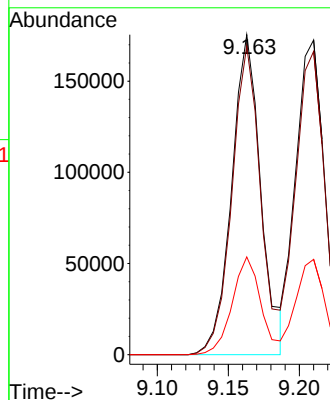
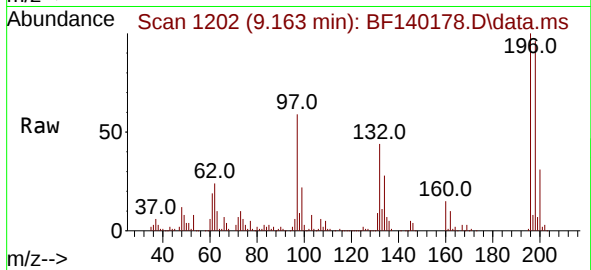
200 30.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#44

2,4,5-Trichlorophenol

Concen: 35.516 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.018 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Tgt Ion:196 Resp: 240421

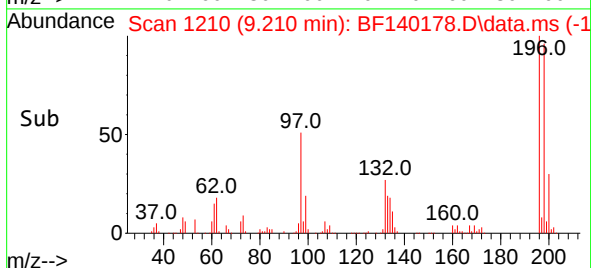
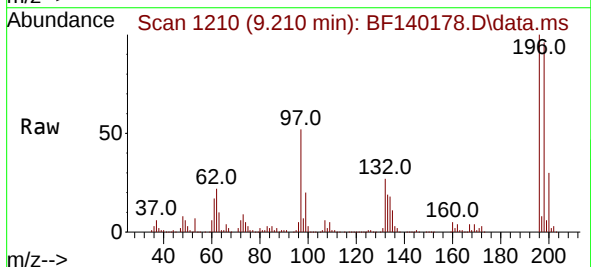
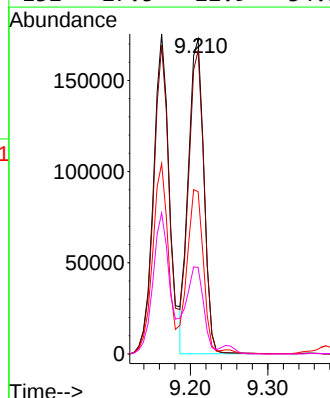
Ion Ratio Lower Upper

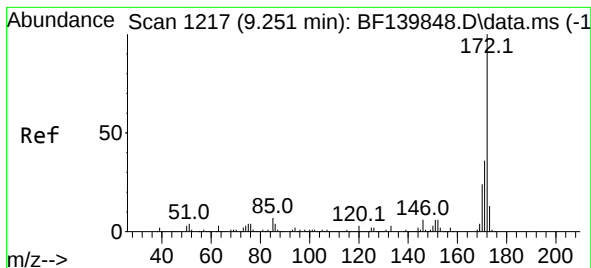
196 100

198 96.4 75.8 113.6

97 51.6 41.8 62.6

132 27.5 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 71.096 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

Tgt Ion:172 Resp: 1477734

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

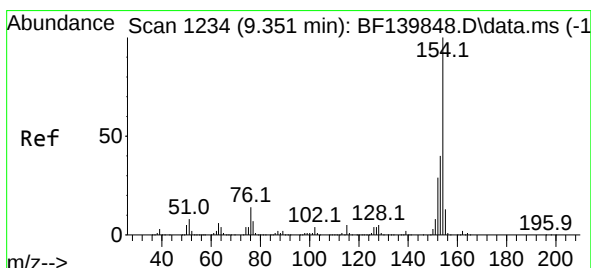
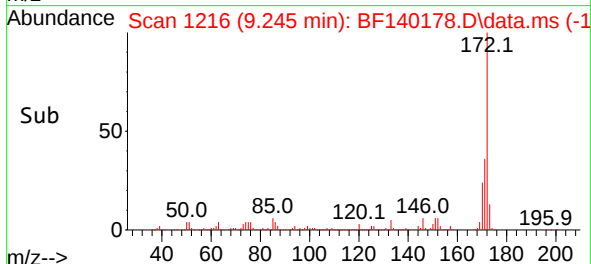
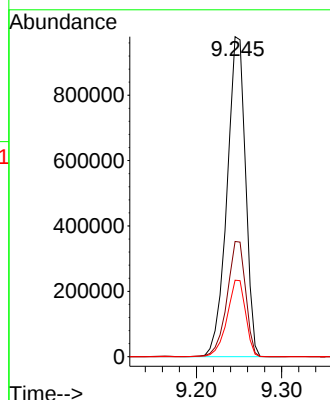
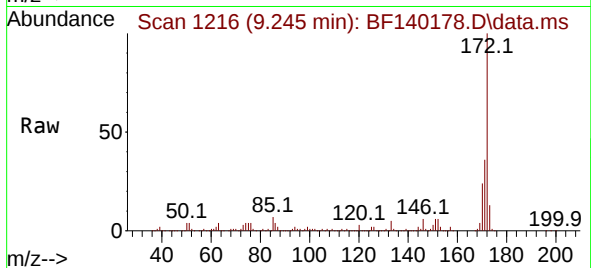
170 23.9 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#46

1,1'-Biphenyl

Concen: 34.931 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

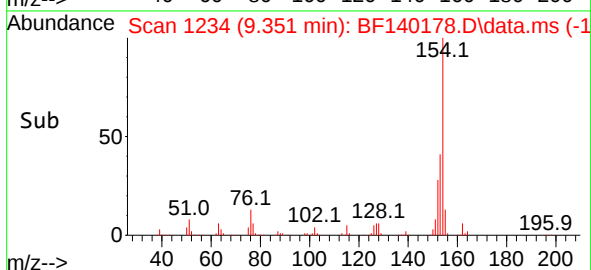
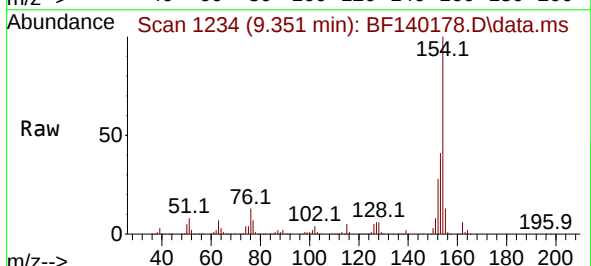
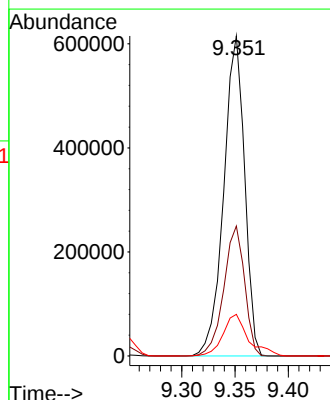
Tgt Ion:154 Resp: 835336

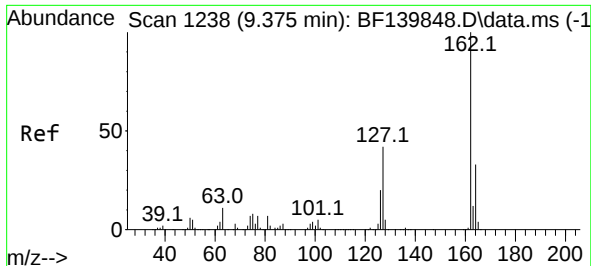
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 13.0 0.0 33.9





#47

2-Chloronaphthalene

Concen: 34.534 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

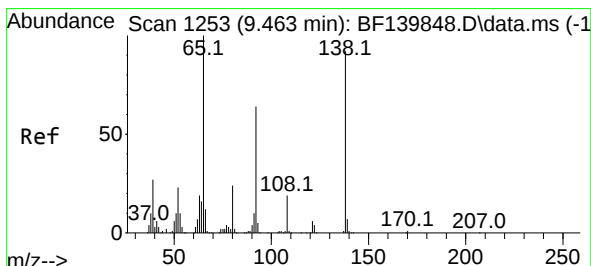
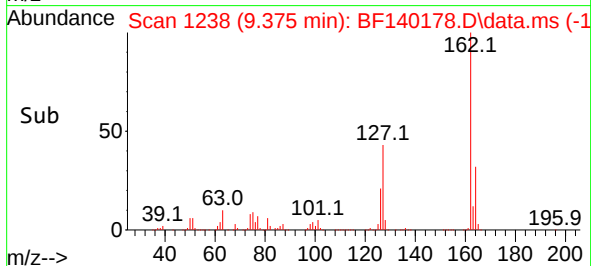
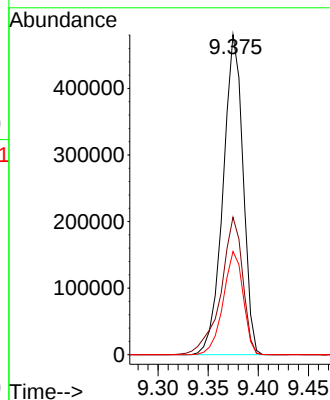
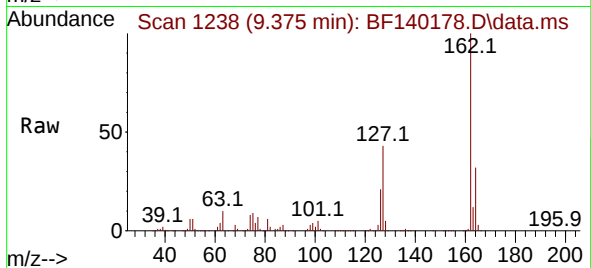
Tgt Ion:162 Resp: 66513
 Ion Ratio Lower Upper
 162 100
 127 42.9 33.8 50.6
 164 32.3 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#48

2-Nitroaniline

Concen: 41.252 ng

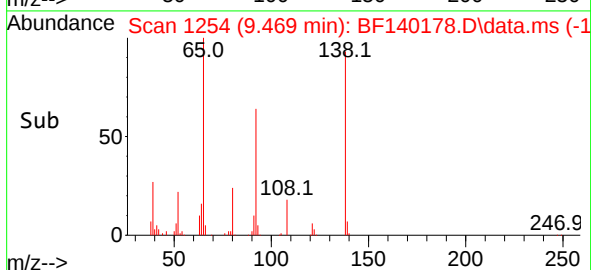
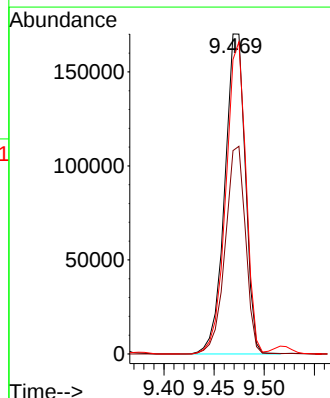
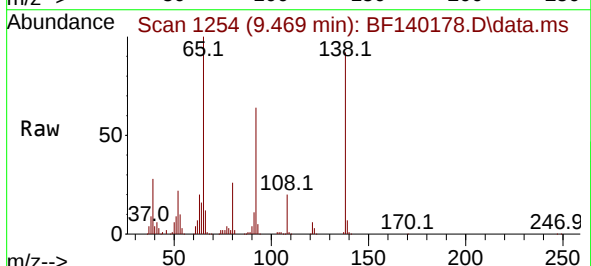
RT: 9.469 min Scan# 1254

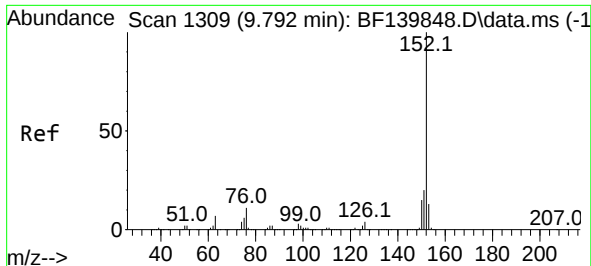
Delta R.T. 0.006 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Tgt Ion: 65 Resp: 243003
 Ion Ratio Lower Upper
 65 100
 92 63.5 50.9 76.3
 138 92.0 73.4 110.0





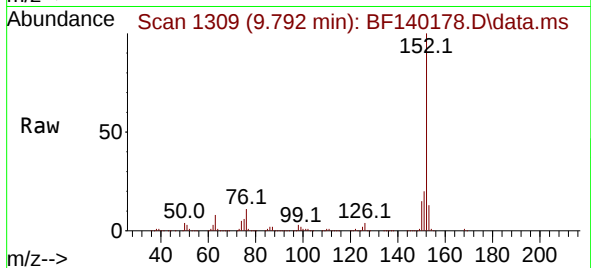
#49
Acenaphthylene
Concen: 37.478 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

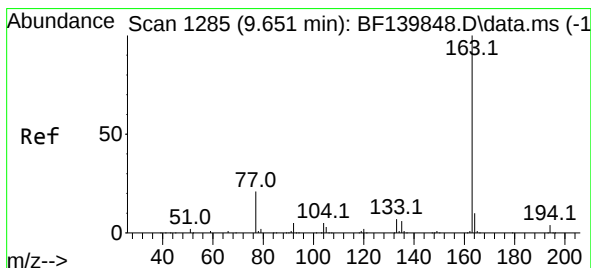
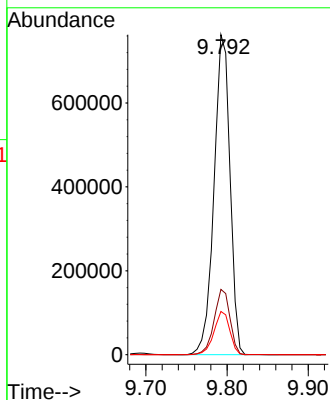
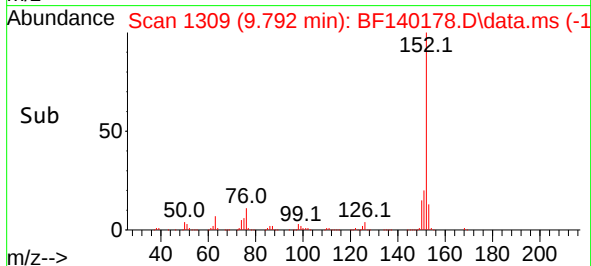


Tgt Ion:152 Resp: 104356
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.5 10.7 16.1

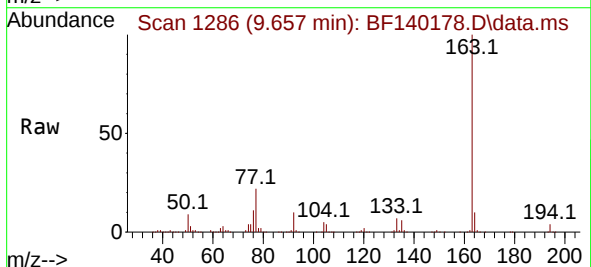
Manual Integrations

APPROVED

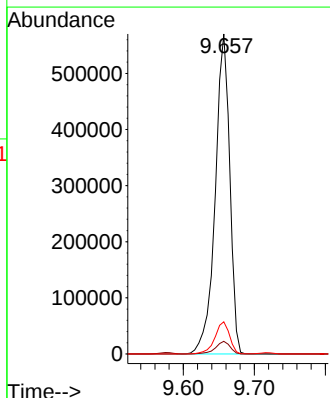
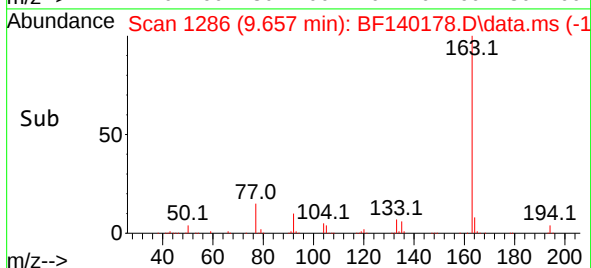
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

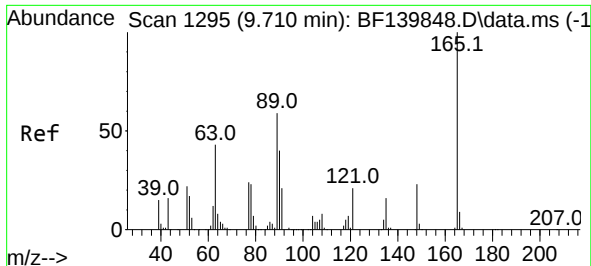


#50
Dimethylphthalate
Concen: 37.708 ng
RT: 9.657 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15



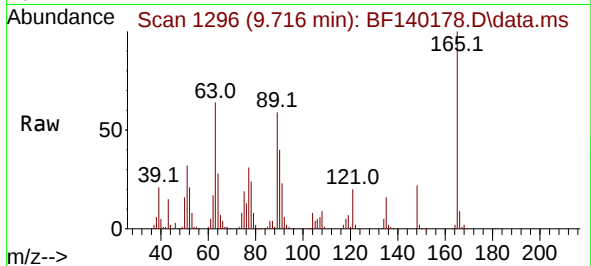
Tgt Ion:163 Resp: 806826
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 38.768 ng
RT: 9.716 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

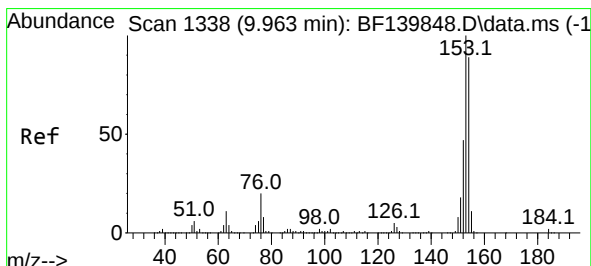
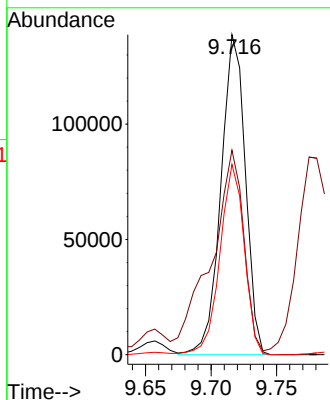
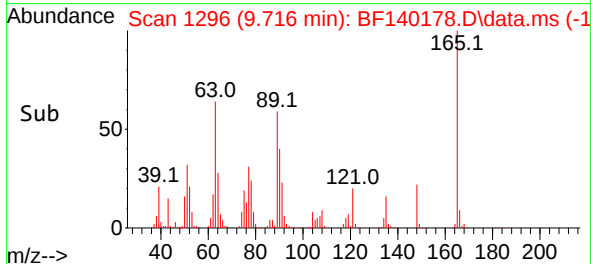
Instrument :
BNA_F
ClientSampleId :
PB164540BS



Tgt Ion:165 Resp: 17960
Ion Ratio Lower Upper
165 100
63 63.9 50.6 75.8
89 59.5 47.5 71.3

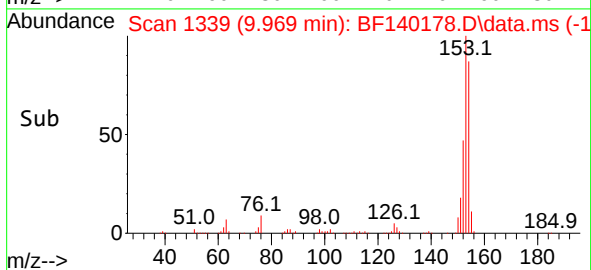
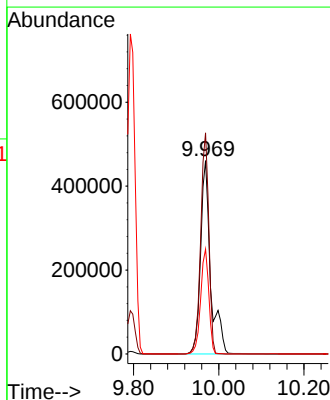
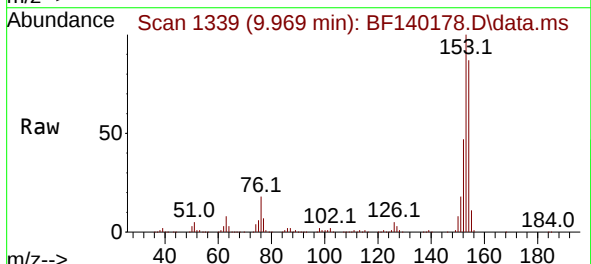
Manual Integrations
APPROVED

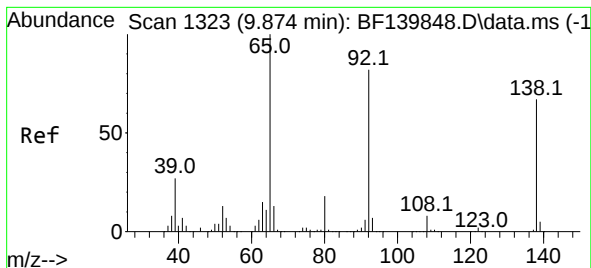
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 41.962 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion:154 Resp: 755838
Ion Ratio Lower Upper
154 100
153 114.4 89.8 134.6
152 54.3 42.4 63.6





#53
3-Nitroaniline
Concen: 28.141 ng
RT: 9.886 min Scan# 1325
Delta R.T. 0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

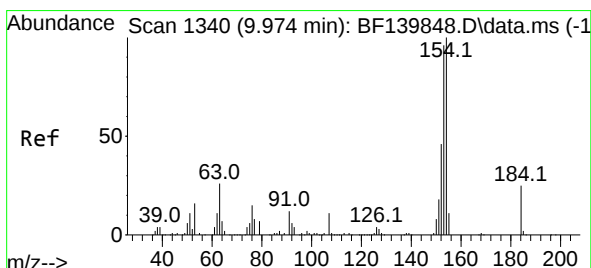
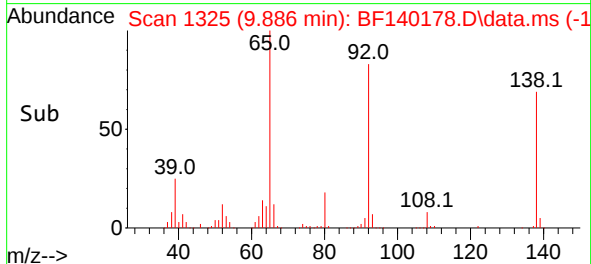
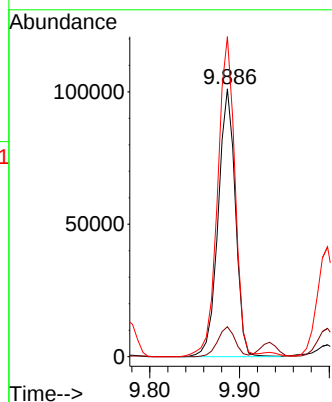
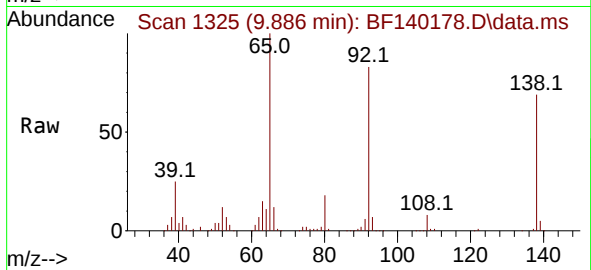
ClientSampleId :

PB164540BS

Tgt Ion:138 Resp: 13444
Ion Ratio Lower Upper
138 100
108 11.2 10.2 15.2
92 119.4 98.3 147.5

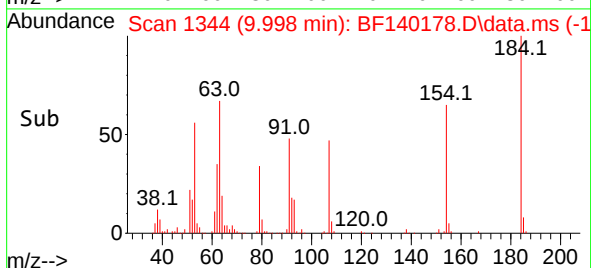
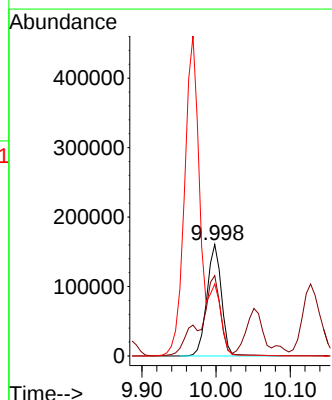
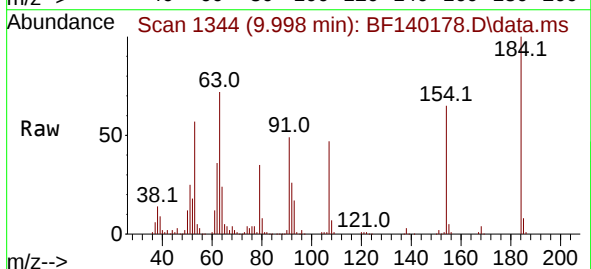
Manual Integrations
APPROVED

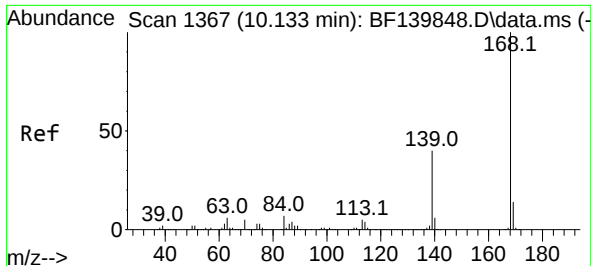
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 111.377 ng
RT: 9.998 min Scan# 1344
Delta R.T. 0.024 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

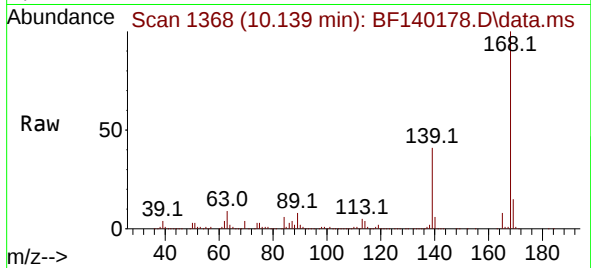
Tgt Ion:184 Resp: 219749
Ion Ratio Lower Upper
184 100
63 72.0 84.7 127.1#
154 64.6 338.2 507.2#





#55
Dibenzenofuran
Concen: 35.832 ng
RT: 10.139 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

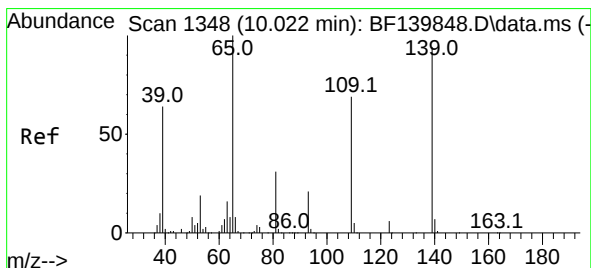
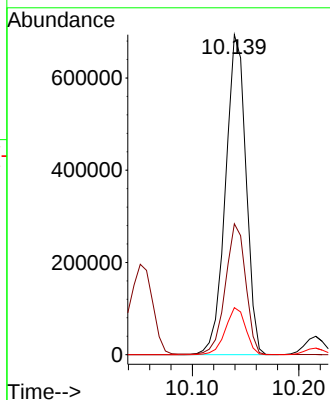
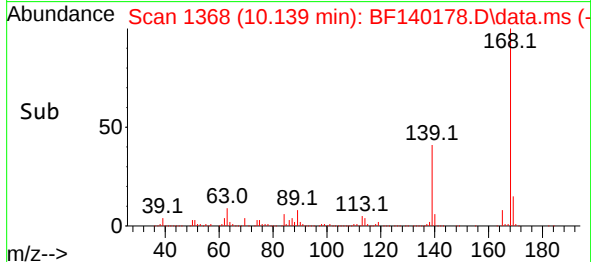
Instrument :
BNA_F
ClientSampleId :
PB164540BS



Tgt Ion:168 Resp: 926029
Ion Ratio Lower Upper
168 100
139 40.9 31.8 47.6
169 14.7 11.6 17.4

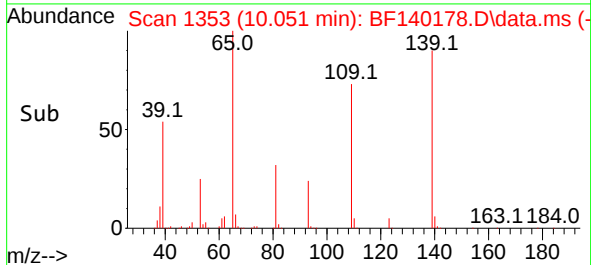
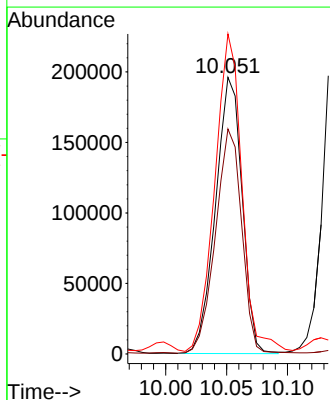
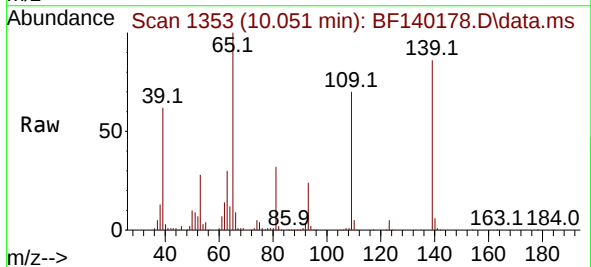
Manual Integrations
APPROVED

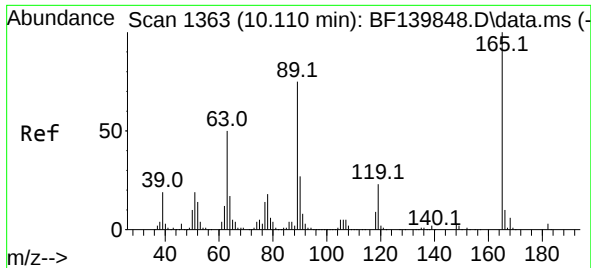
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 80.854 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.030 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion:139 Resp: 297191
Ion Ratio Lower Upper
139 100
109 81.3 53.6 93.6
65 115.7 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 42.896 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

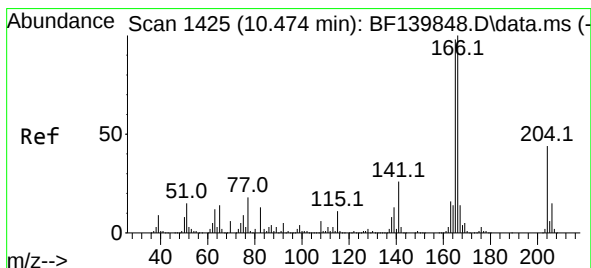
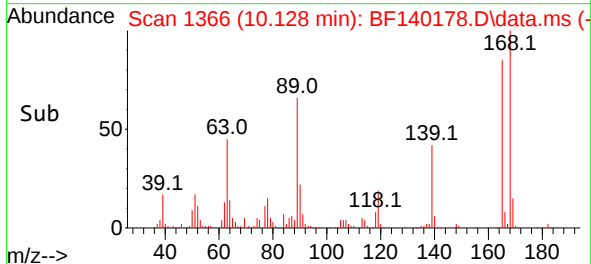
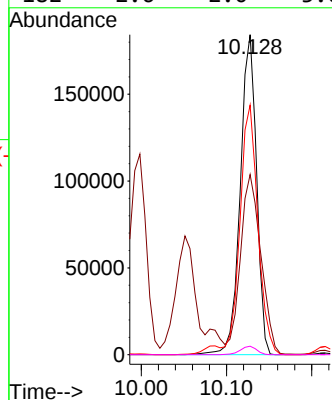
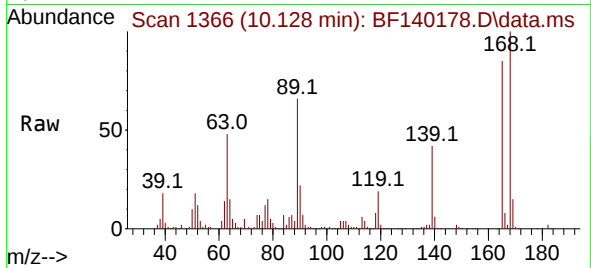
PB164540BS

Tgt Ion:165 Resp: 24438
Ion Ratio Lower Upper
165 100
63 56.3 40.1 60.1
89 78.0 60.4 90.6
182 2.6 2.0 3.0

Manual Integrations

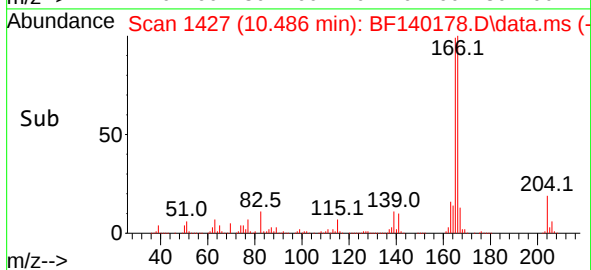
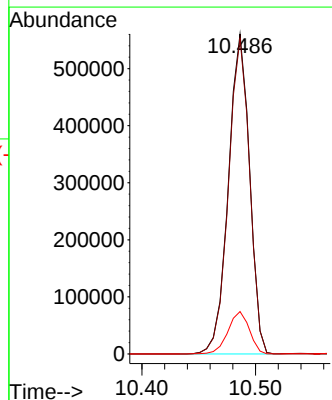
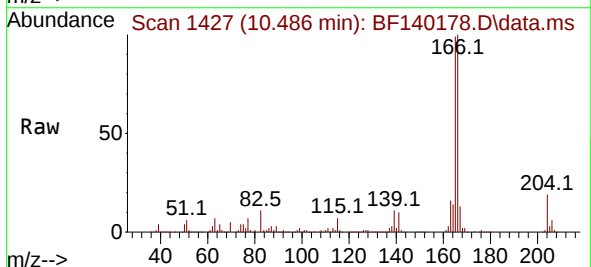
APPROVED

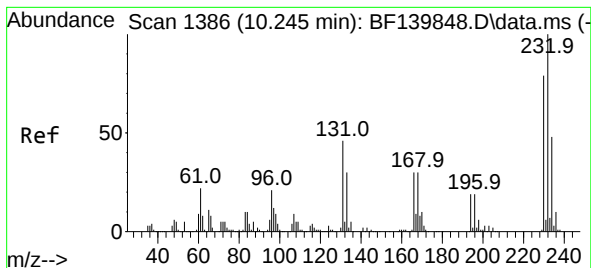
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#58
Fluorene
Concen: 36.962 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion:166 Resp: 727555
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 13.3 10.9 16.3





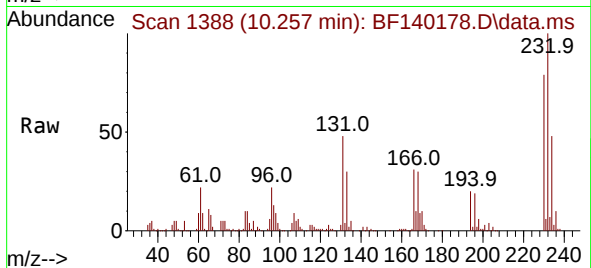
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.790 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS



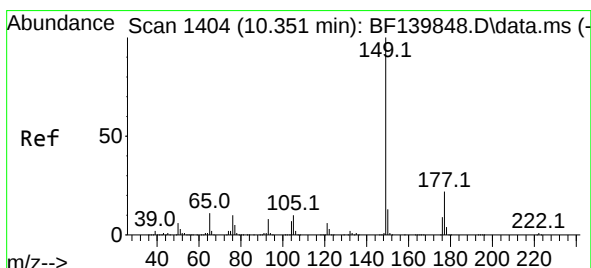
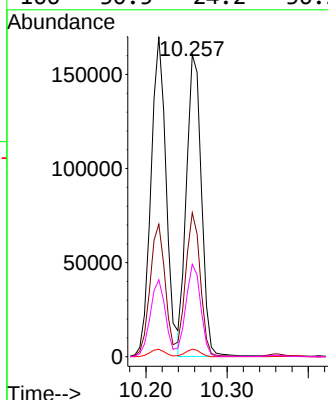
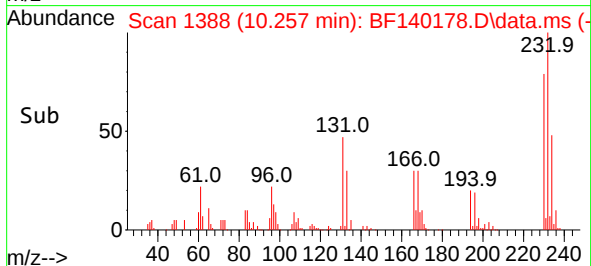
Tgt Ion:232 Resp: 205849
Ion Ratio Lower Upper
232 100
131 47.5 37.0 55.6
130 2.5 1.9 2.9
166 30.5 24.2 36.2

Manual Integrations

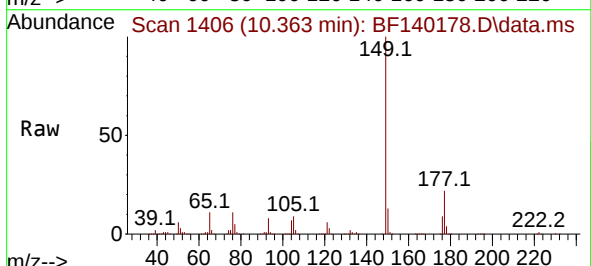
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

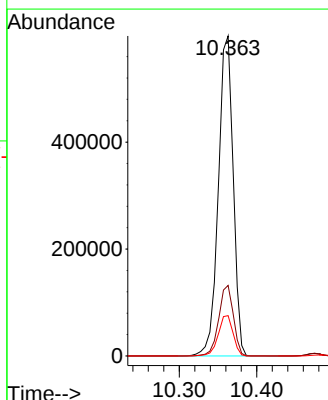
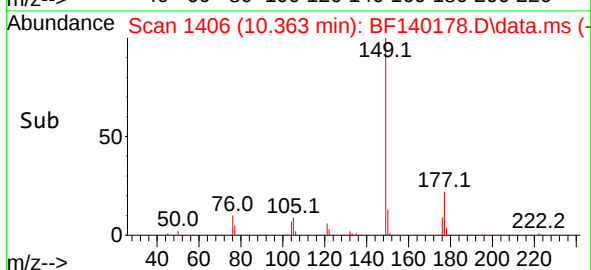
Supervised By :mohammad ahmed 11/04/2024

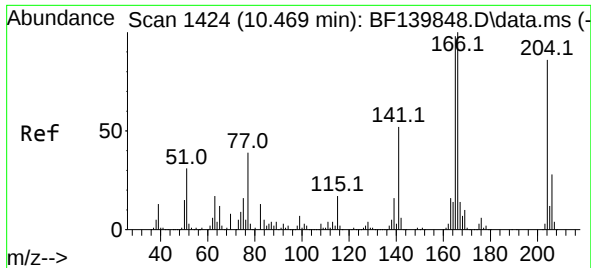


#60
Diethylphthalate
Concen: 37.888 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15



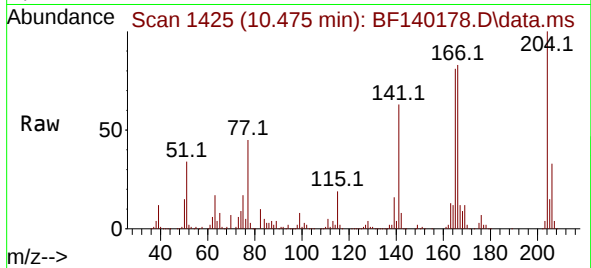
Tgt Ion:149 Resp: 795973
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 36.677 ng
RT: 10.475 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

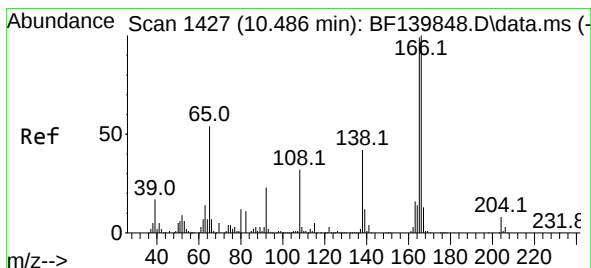
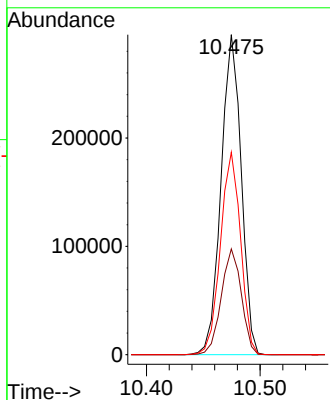
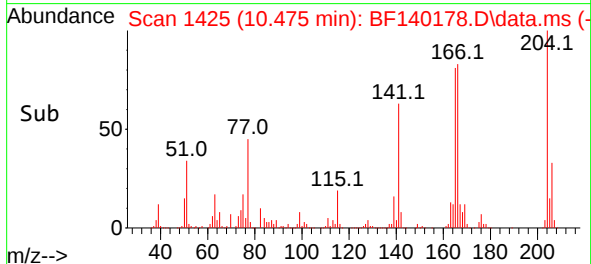
Instrument :
BNA_F
ClientSampleId :
PB164540BS



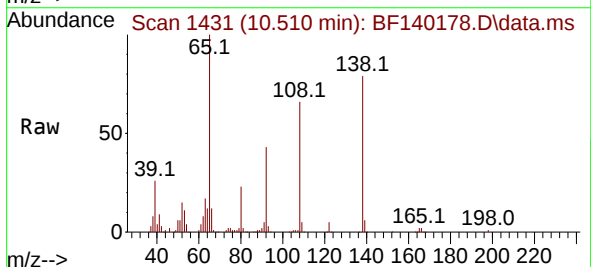
Tgt Ion:204 Resp: 36459
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 63.3 48.6 73.0

Manual Integrations
APPROVED

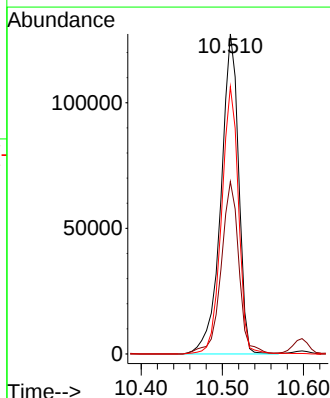
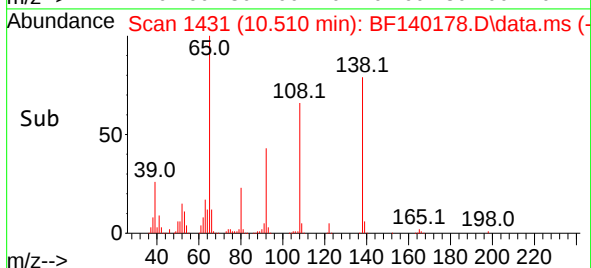
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

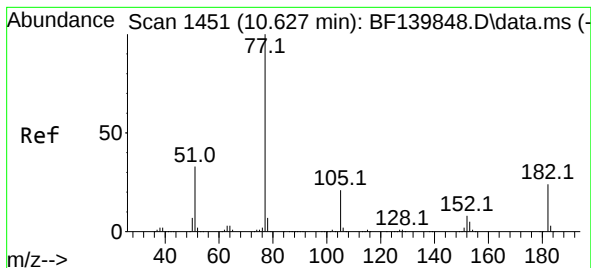


#62
4-Nitroaniline
Concen: 42.865 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.024 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15



Tgt Ion:138 Resp: 193417
Ion Ratio Lower Upper
138 100
92 53.8 35.7 75.7
108 83.5 57.5 97.5





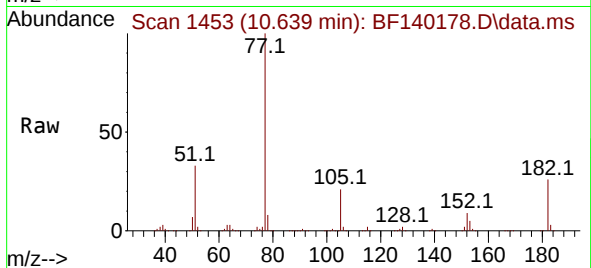
#63
Azobenzene
Concen: 36.343 ng
RT: 10.639 min Scan# 1451
Delta R.T. 0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS



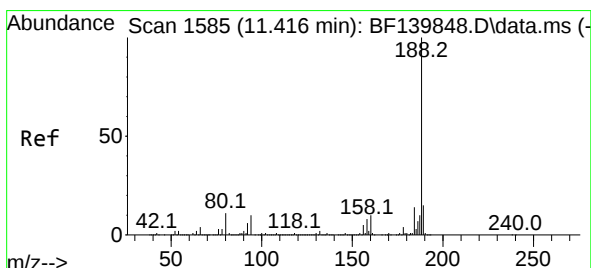
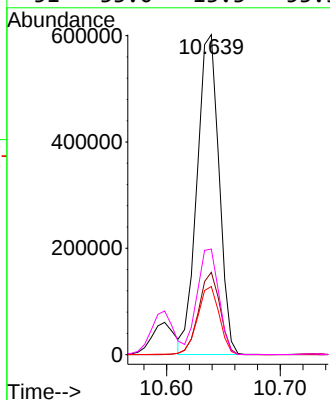
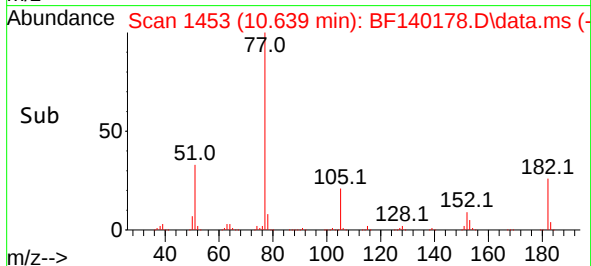
Tgt Ion: 77 Resp: 809448
Ion Ratio Lower Upper
77 100
182 25.7 3.3 43.3
105 21.3 1.2 41.2
51 33.0 13.3 53.3

Manual Integrations

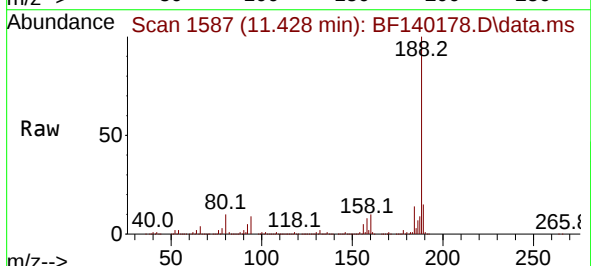
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

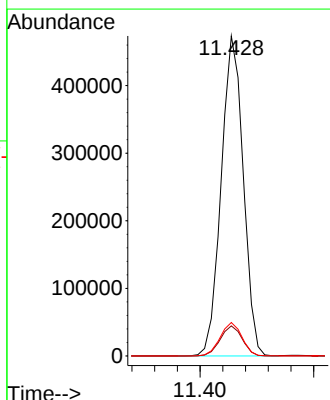
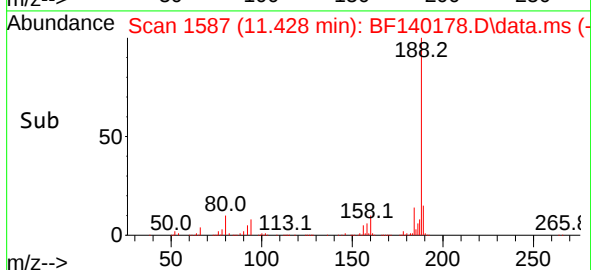
Supervised By :mohammad ahmed 11/04/2024

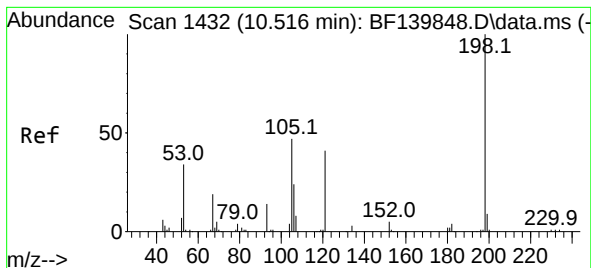


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15



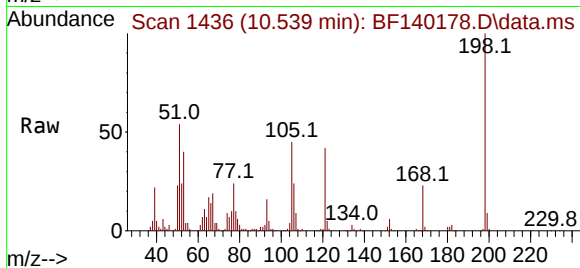
Tgt Ion:188 Resp: 638189
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.4 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 56.353 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.023 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

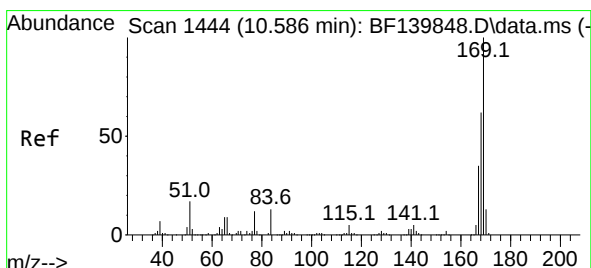
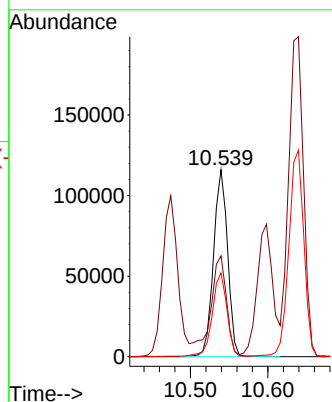
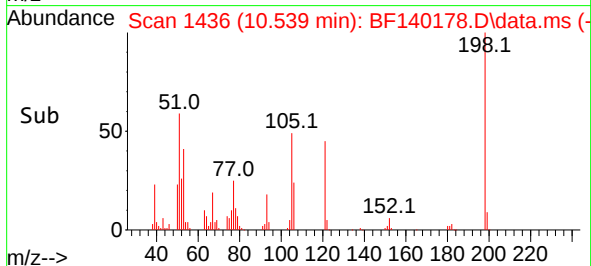
Instrument :
BNA_F
ClientSampleId :
PB164540BS



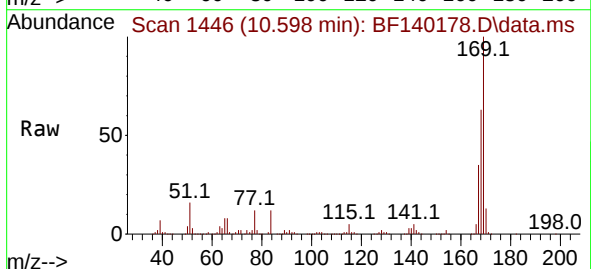
Tgt Ion:198 Resp: 14669
Ion Ratio Lower Upper
198 100
51 54.0 38.2 78.2
105 44.9 27.9 67.9

Manual Integrations
APPROVED

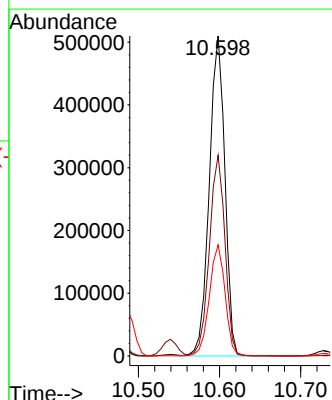
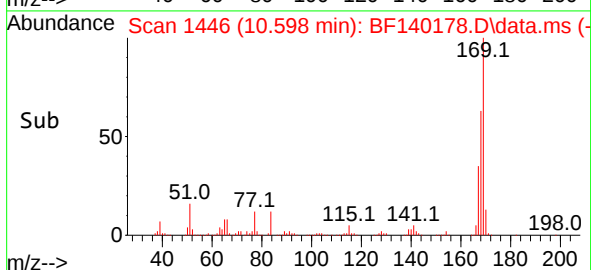
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

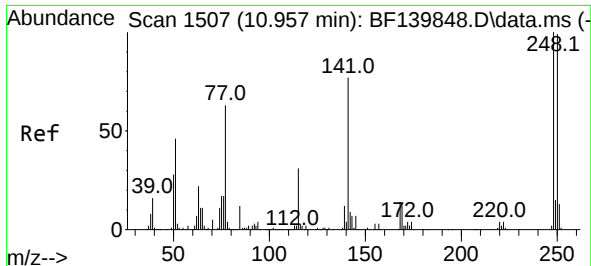


#66
n-Nitrosodiphenylamine
Concen: 35.514 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15



Tgt Ion:169 Resp: 678341
Ion Ratio Lower Upper
169 100
168 62.7 49.8 74.6
167 34.7 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 35.917 ng
RT: 10.969 min Scan# 1509
Delta R.T. 0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

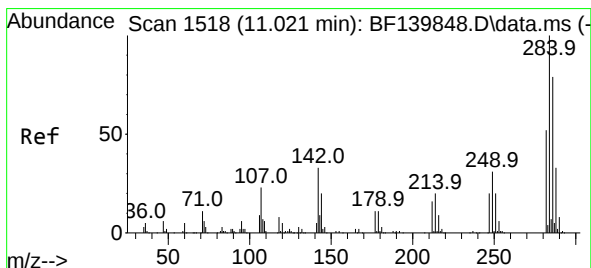
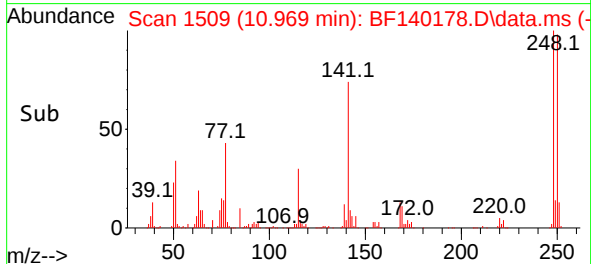
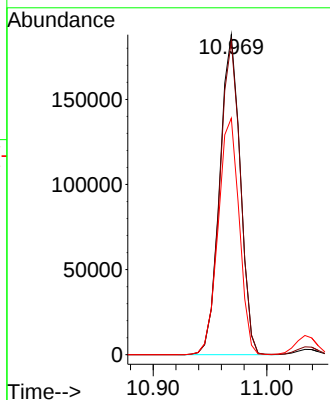
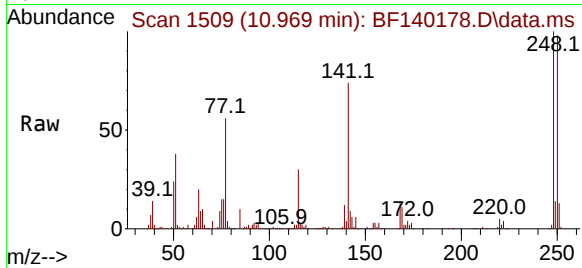
PB164540BS

Tgt Ion:248 Resp: 236140
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.6
141 73.9 61.7 92.5

Manual Integrations

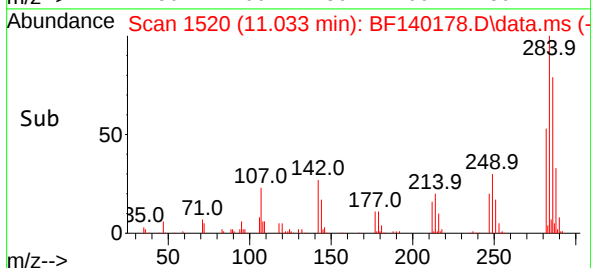
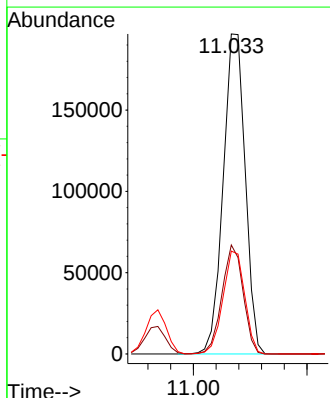
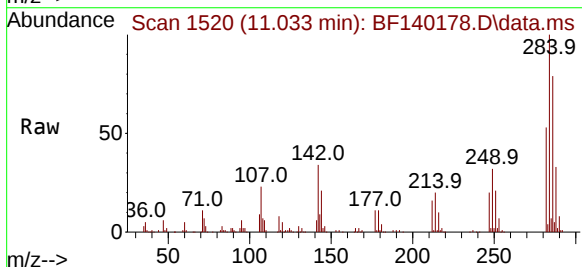
APPROVED

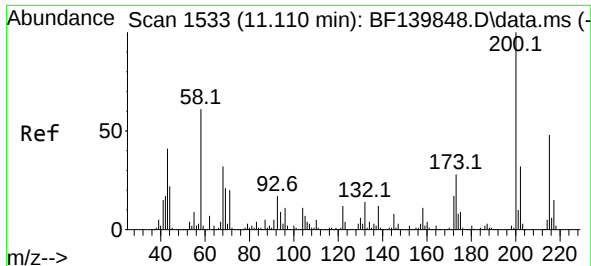
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#68
Hexachlorobenzene
Concen: 35.854 ng
RT: 11.033 min Scan# 1520
Delta R.T. 0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion:284 Resp: 265113
Ion Ratio Lower Upper
284 100
142 34.0 26.9 40.3
249 32.1 25.3 37.9





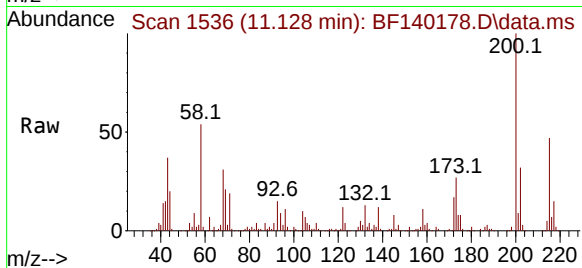
#69
 Atrazine
 Concen: 45.185 ng
 RT: 11.128 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF140178.D
 Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS



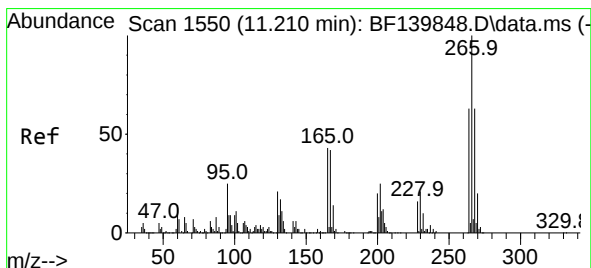
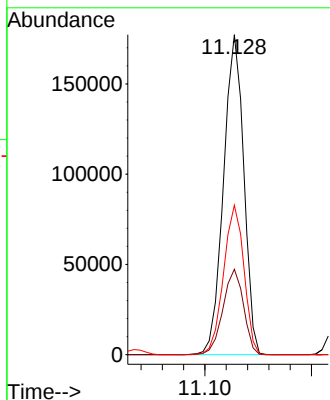
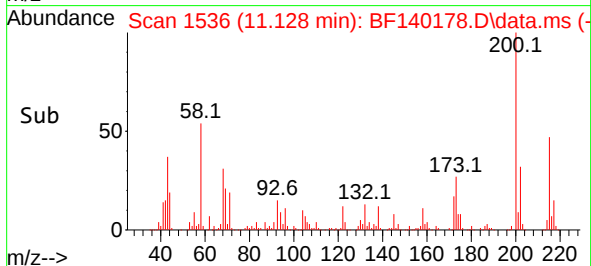
Tgt Ion:200 Resp: 233794
 Ion Ratio Lower Upper
 200 100
 173 26.7 7.7 47.7
 215 46.7 27.7 67.7

Manual Integrations

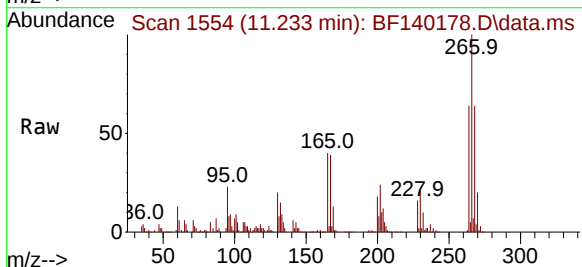
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

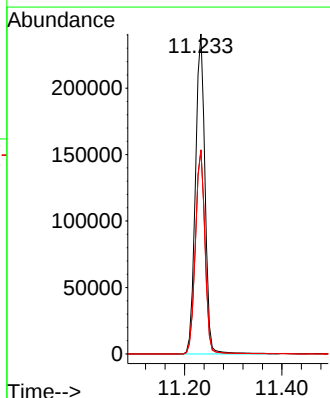
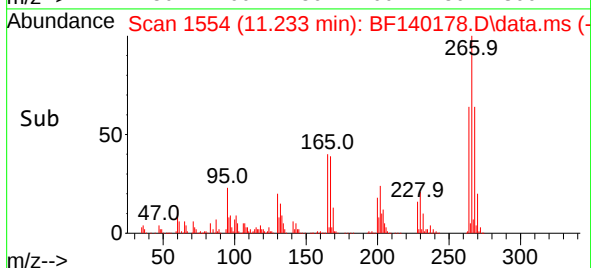
Supervised By :mohammad ahmed 11/04/2024

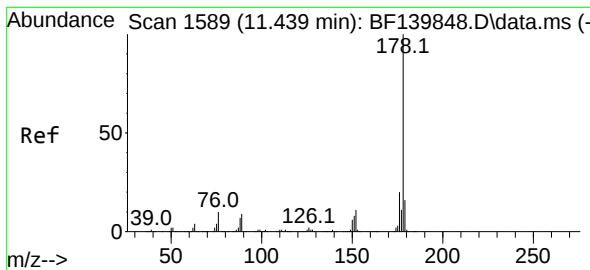


#70
 Pentachlorophenol
 Concen: 73.771 ng
 RT: 11.233 min Scan# 1554
 Delta R.T. 0.024 min
 Lab File: BF140178.D
 Acq: 31 Oct 2024 10:15



Tgt Ion:266 Resp: 331054
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.4 75.6
 264 63.7 50.6 75.8





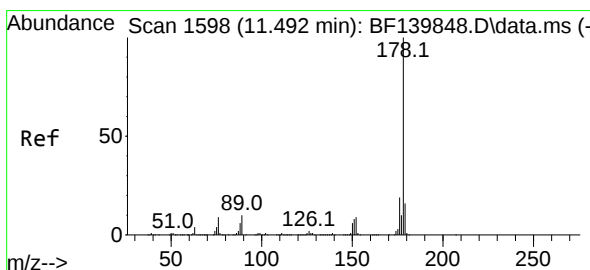
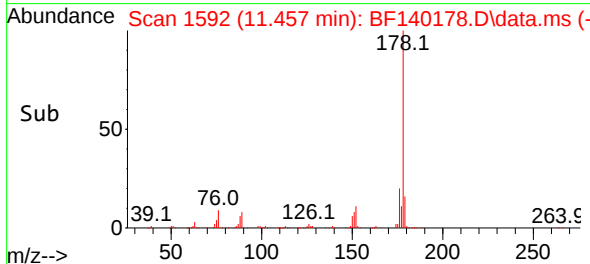
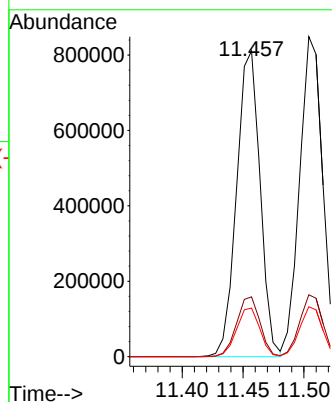
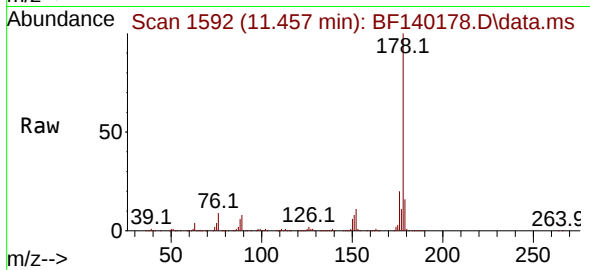
#71
Phenanthrene
Concen: 36.063 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB164540BS

Tgt Ion:178 Resp: 108714
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.9 12.6 18.8

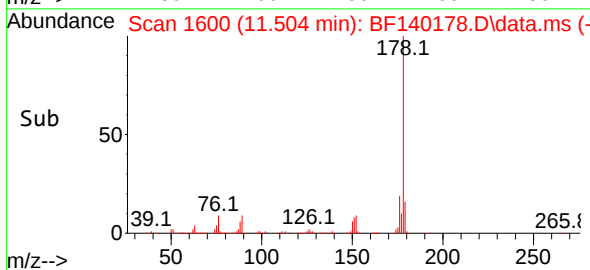
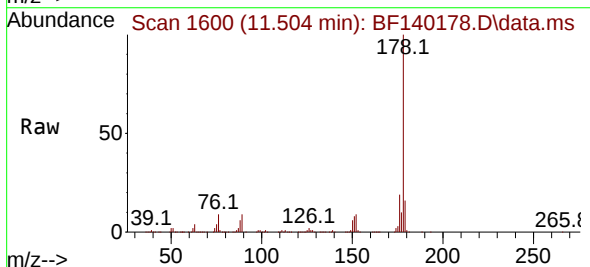
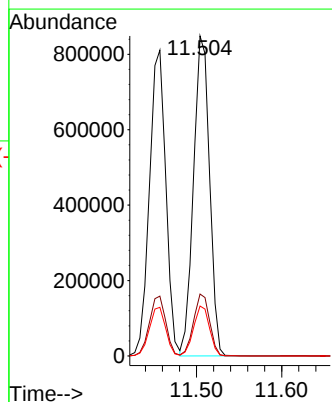
Manual Integrations
APPROVED

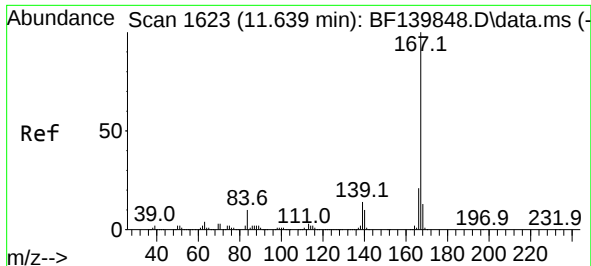
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#72
Anthracene
Concen: 37.675 ng
RT: 11.504 min Scan# 1600
Delta R.T. 0.012 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

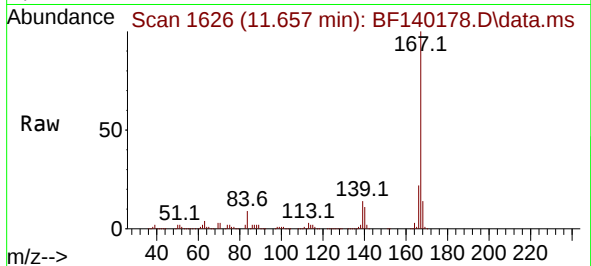
Tgt Ion:178 Resp: 1108125
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 36.318 ng
 RT: 11.657 min Scan# 1626
 Delta R.T. 0.018 min
 Lab File: BF140178.D
 Acq: 31 Oct 2024 10:15

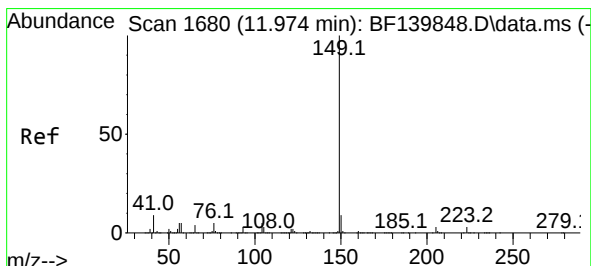
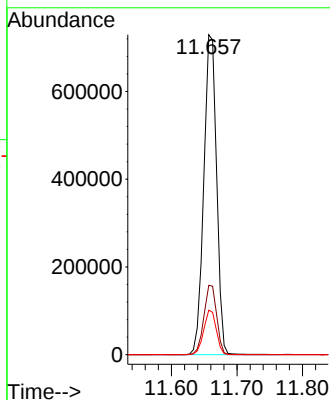
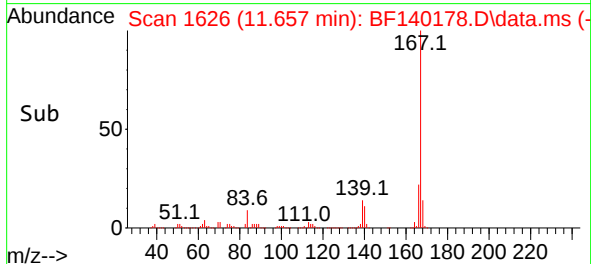
Instrument :
 BNA_F
 ClientSampleId :
 PB164540BS



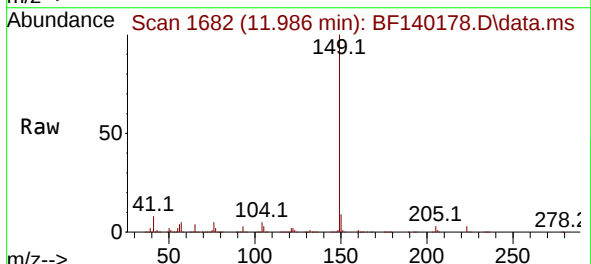
Tgt Ion:167 Resp: 993450
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.9 10.8 16.2

Manual Integrations
 APPROVED

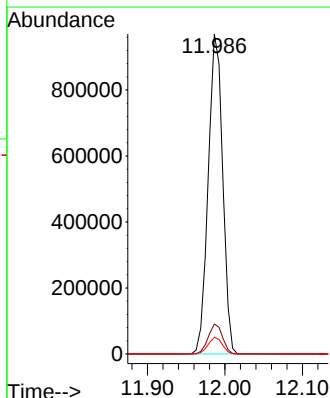
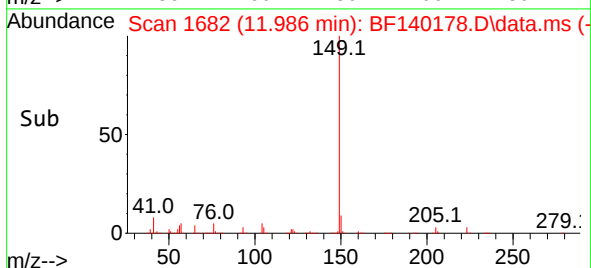
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

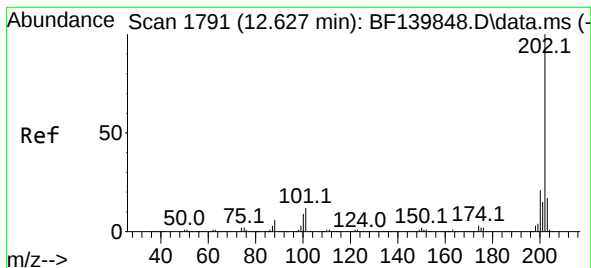


#74
 Di-n-butylphthalate
 Concen: 39.675 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. 0.012 min
 Lab File: BF140178.D
 Acq: 31 Oct 2024 10:15



Tgt Ion:149 Resp: 1253855
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 38.051 ng

RT: 12.645 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

Tgt Ion:202 Resp: 115959

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.9

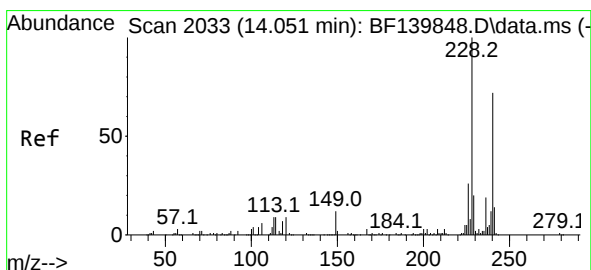
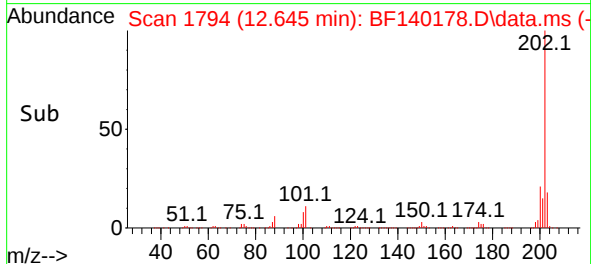
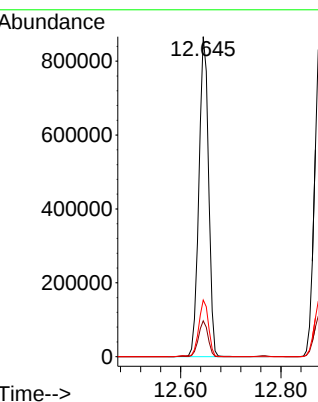
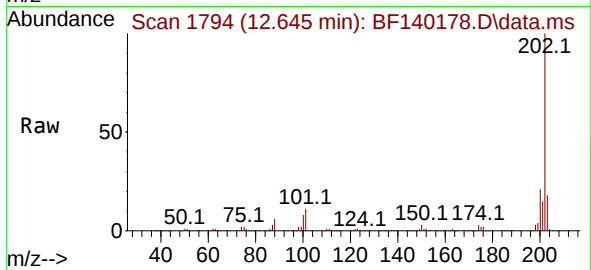
203 17.7 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2040

Delta R.T. 0.041 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

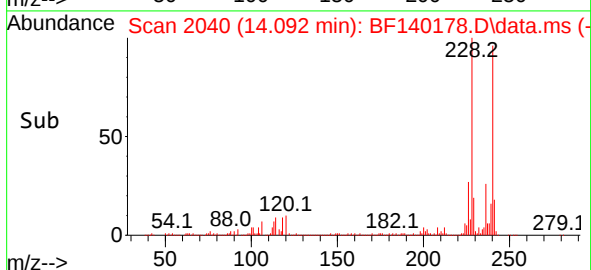
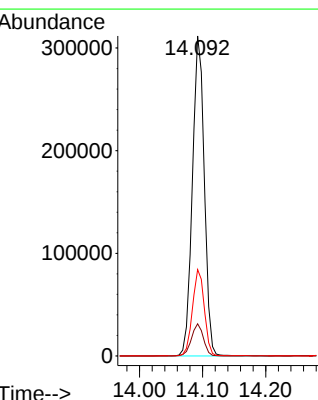
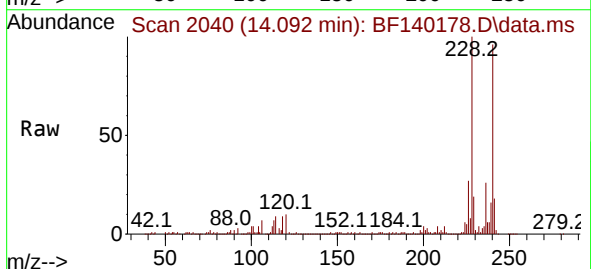
Tgt Ion:240 Resp: 408760

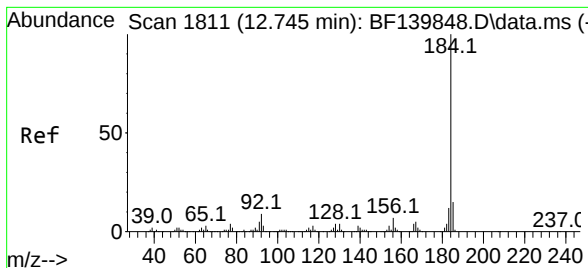
Ion Ratio Lower Upper

240 100

120 10.0 9.4 14.2

236 27.0 20.9 31.3





#77

Benzidine

Concen: 65.344 ng

RT: 12.769 min Scan# 1815

Delta R.T. 0.024 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

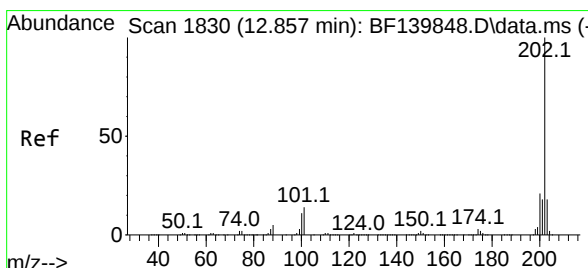
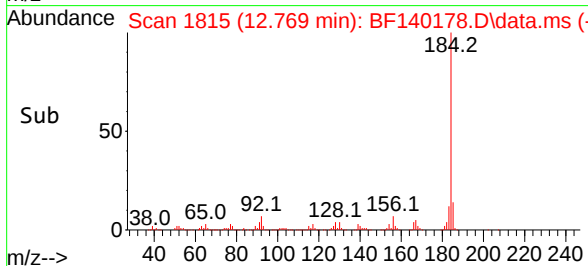
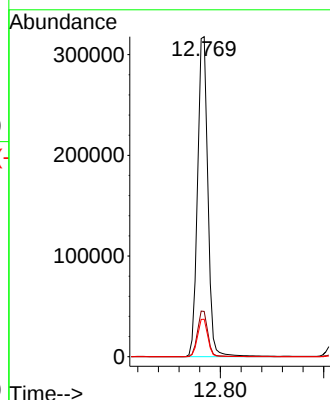
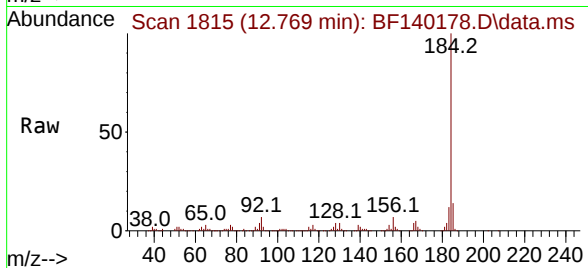
Tgt Ion:184 Resp: 43920
 Ion Ratio Lower Upper
 184 100
 185 14.2 12.0 18.0
 183 11.7 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#78

Pyrene

Concen: 32.908 ng

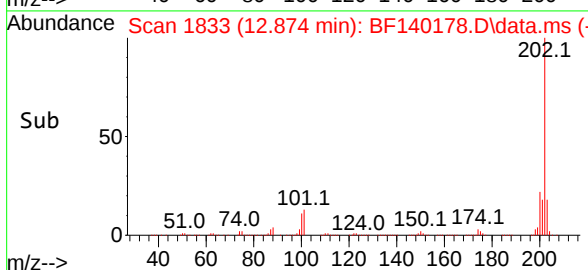
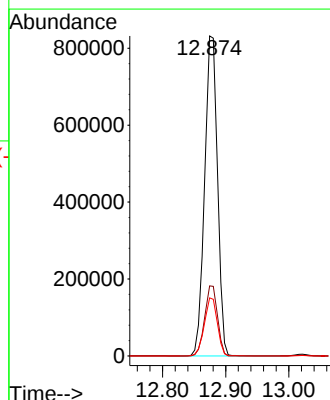
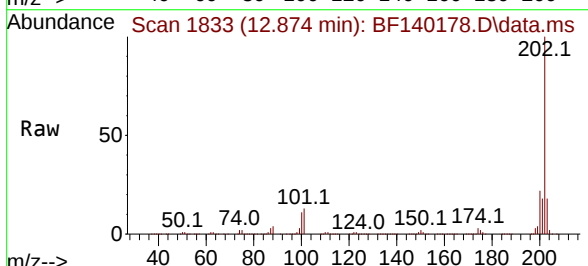
RT: 12.874 min Scan# 1833

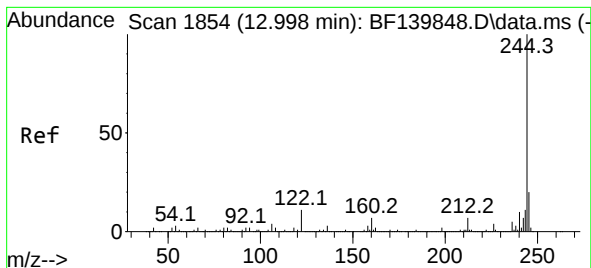
Delta R.T. 0.018 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Tgt Ion:202 Resp: 1177466
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.2 25.8
 203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 70.156 ng

RT: 13.022 min Scan# 1858

Delta R.T. 0.024 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

Tgt Ion:244 Resp: 1759884

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

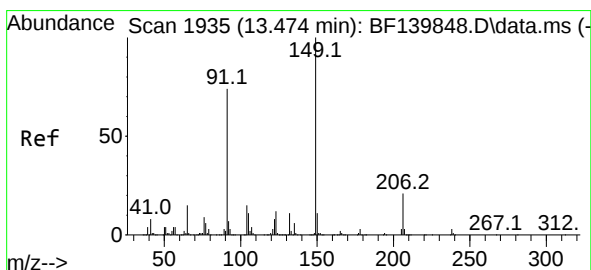
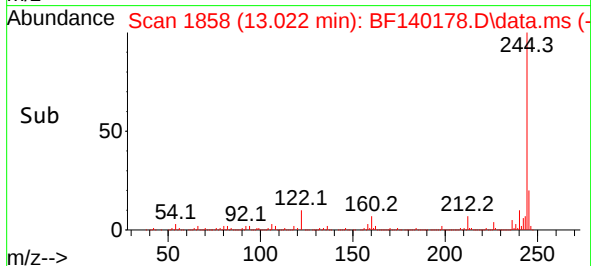
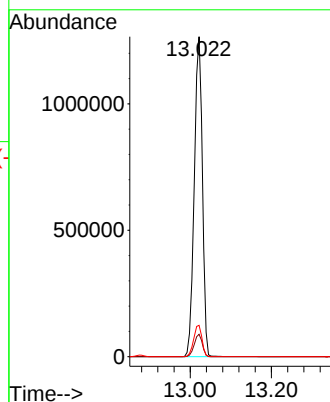
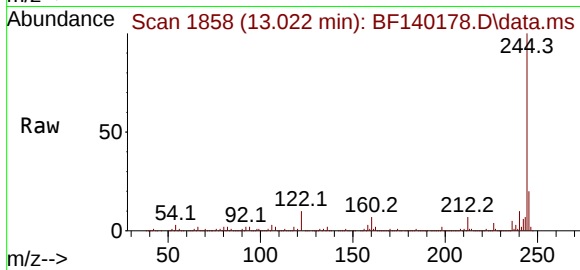
122 9.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 45.847 ng

RT: 13.498 min Scan# 1939

Delta R.T. 0.024 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

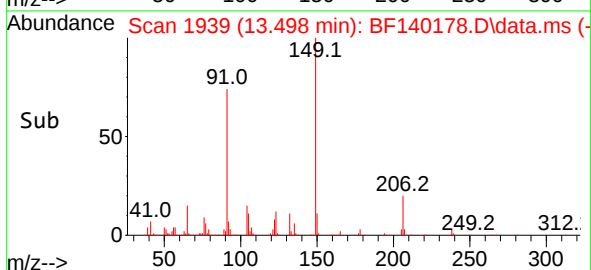
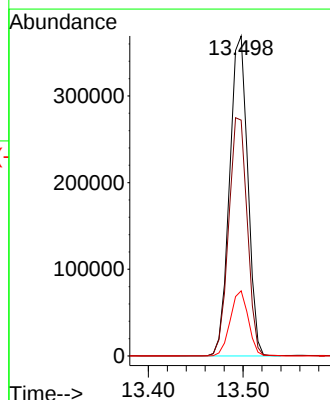
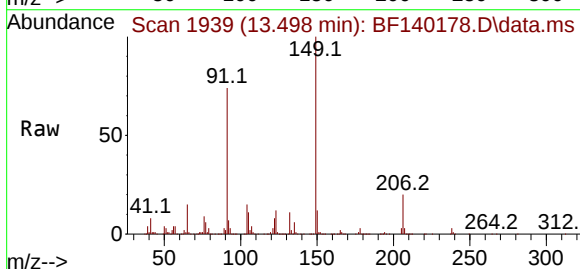
Tgt Ion:149 Resp: 491798

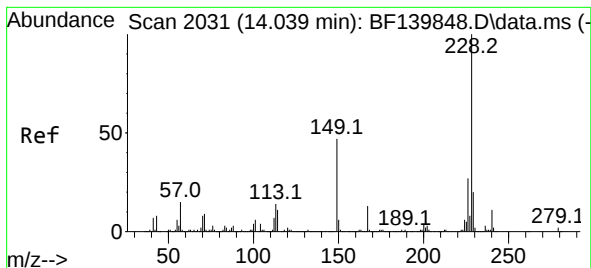
Ion Ratio Lower Upper

149 100

91 73.7 59.4 89.2

206 20.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 35.926 ng

RT: 14.080 min Scan# 2031

Delta R.T. 0.041 min

Lab File: BF140178.D

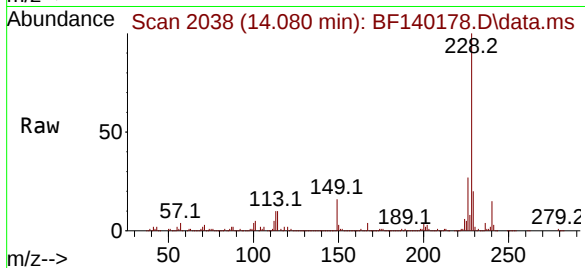
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS



Tgt Ion:228 Resp: 955949

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

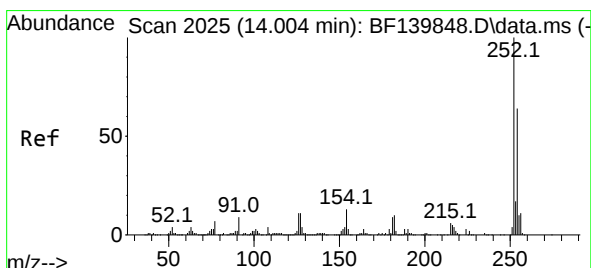
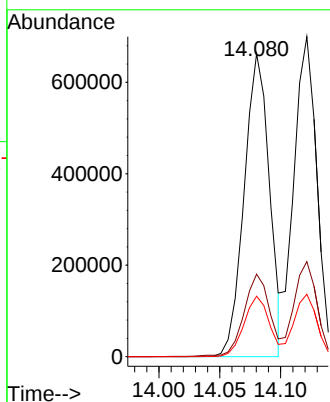
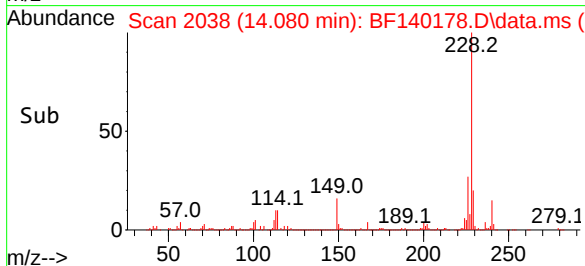
229 20.0 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 27.040 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.035 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

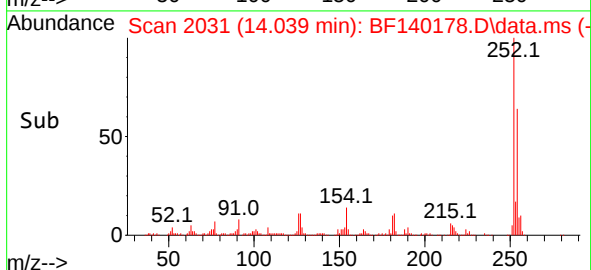
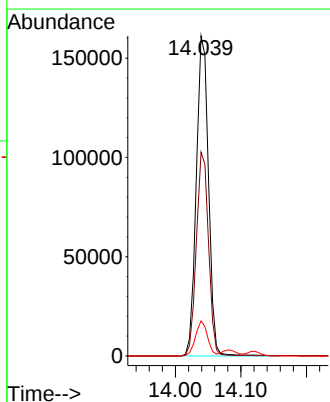
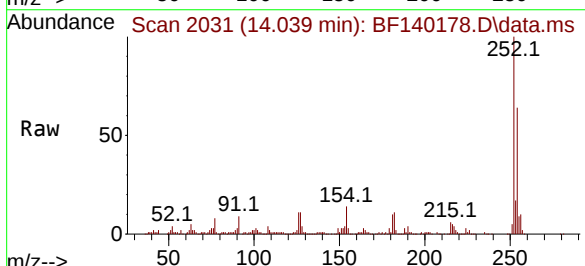
Tgt Ion:252 Resp: 209783

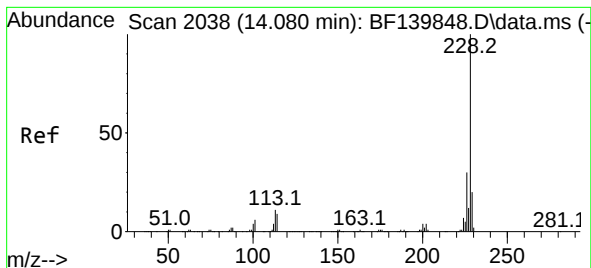
Ion Ratio Lower Upper

252 100

254 63.7 50.8 76.2

126 10.9 8.9 13.3





#83

Chrysene

Concen: 37.621 ng

RT: 14.121 min Scan# 2045

Delta R.T. 0.041 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

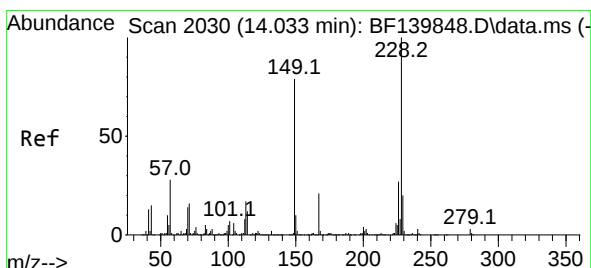
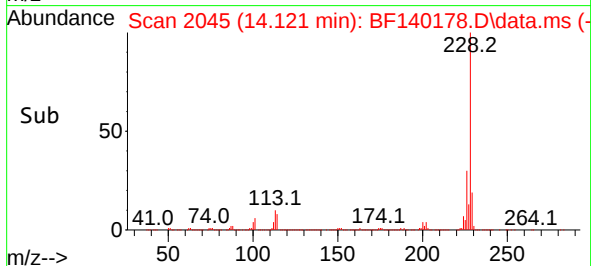
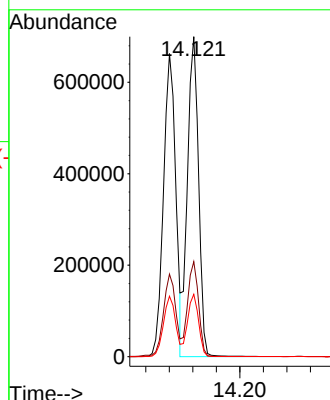
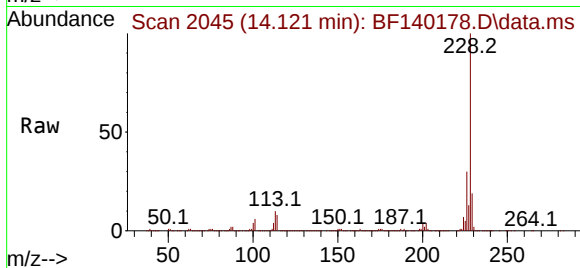
Tgt Ion:228 Resp: 917850
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.1 36.1
 229 19.5 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.177 ng

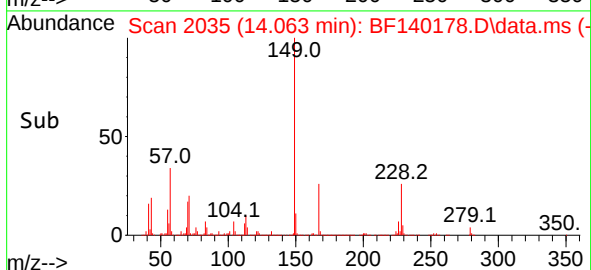
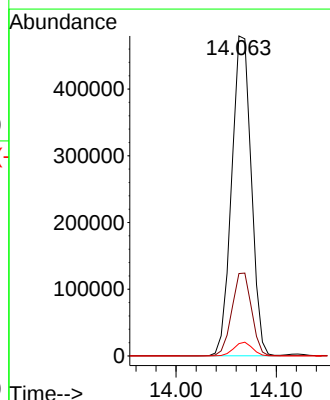
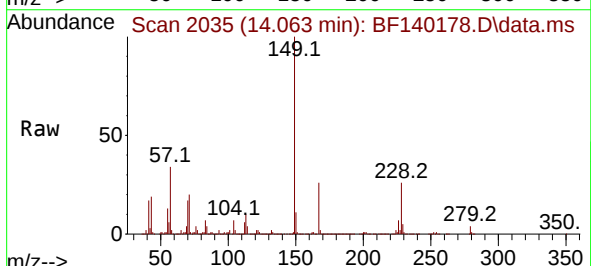
RT: 14.063 min Scan# 2035

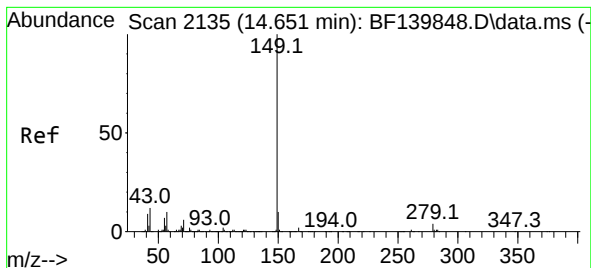
Delta R.T. 0.030 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Tgt Ion:149 Resp: 652028
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.4 32.0
 279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 46.465 ng

RT: 14.710 min Scan# 2135

Delta R.T. 0.059 min

Lab File: BF140178.D

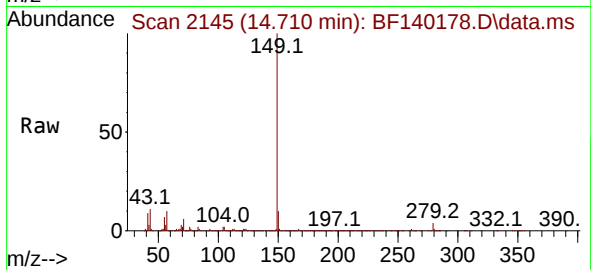
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS



Tgt Ion:149 Resp: 101714

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

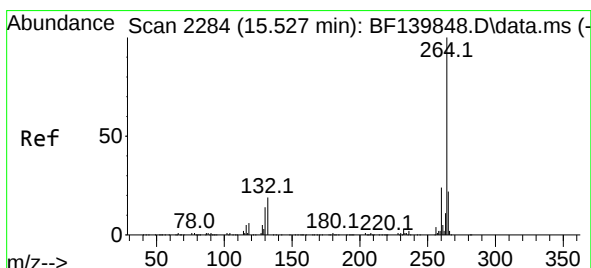
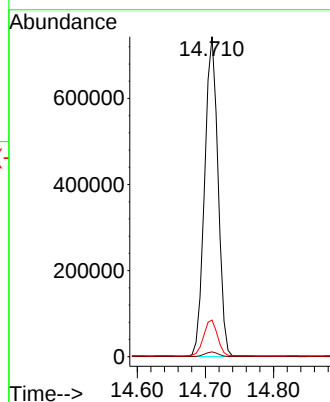
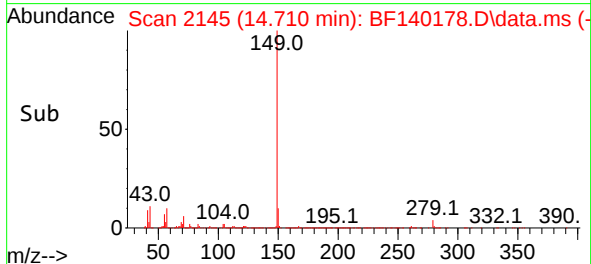
43 11.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 2299

Delta R.T. 0.088 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

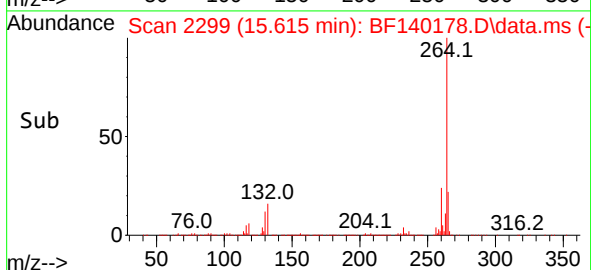
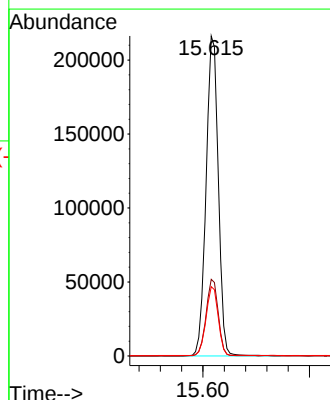
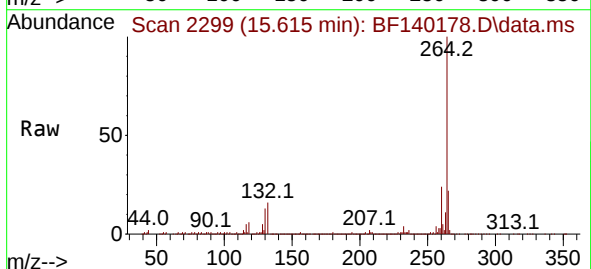
Tgt Ion:264 Resp: 343987

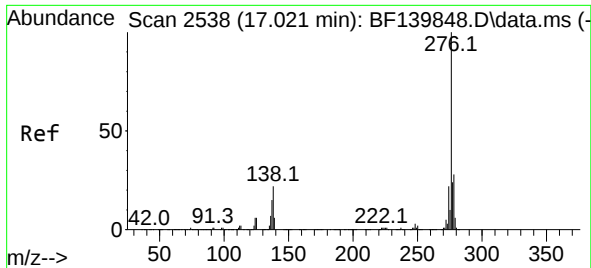
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.6 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 33.027 ng
RT: 17.157 min Scan# 21
Delta R.T. 0.135 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

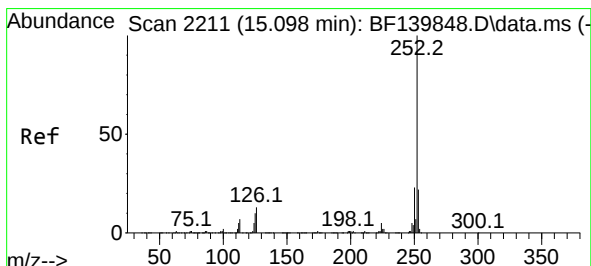
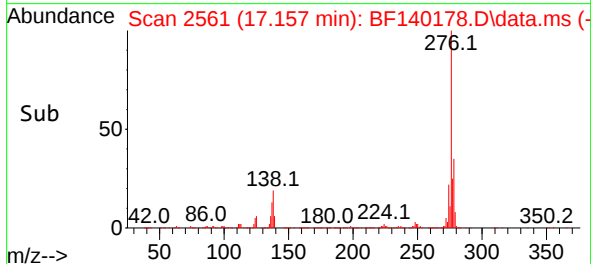
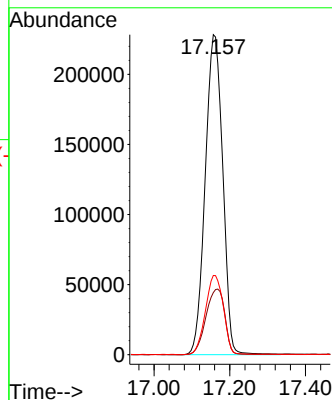
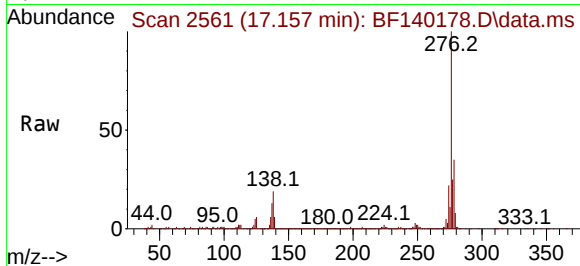
ClientSampleId :

PB164540BS

Tgt Ion:276 Resp: 73088
Ion Ratio Lower Upper
276 100
138 22.4 20.4 30.6
277 25.5 20.2 30.4

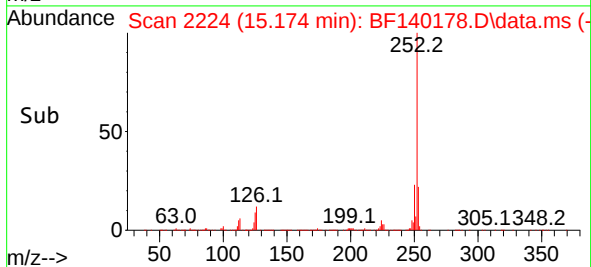
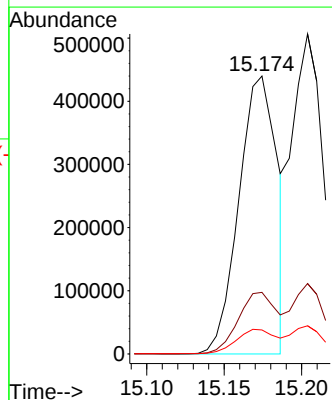
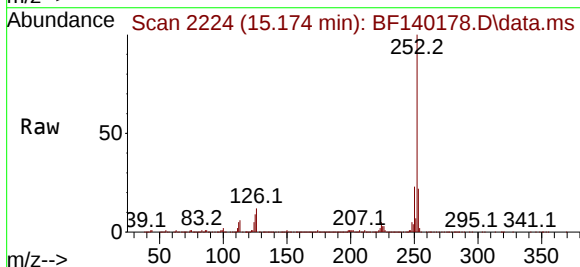
Manual Integrations
APPROVED

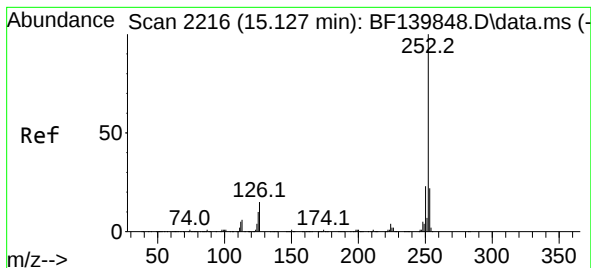
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#88
Benzo(b)fluoranthene
Concen: 35.904 ng
RT: 15.174 min Scan# 2224
Delta R.T. 0.077 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion:252 Resp: 752340
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 8.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 39.752 ng

RT: 15.204 min Scan# 21

Delta R.T. 0.077 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB164540BS

Tgt Ion:252 Resp: 71837

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

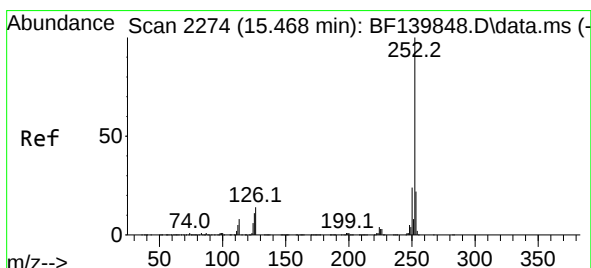
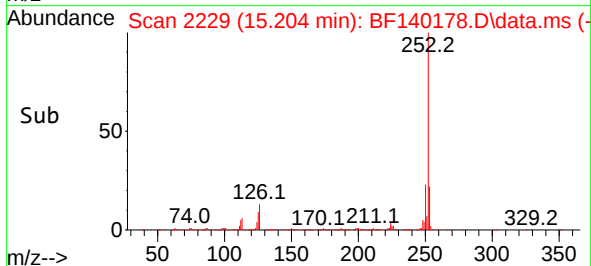
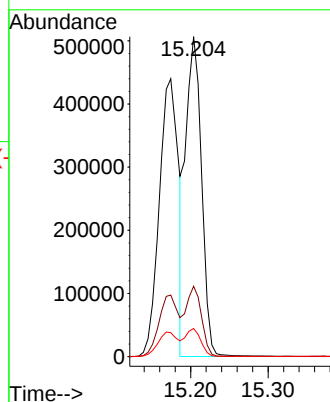
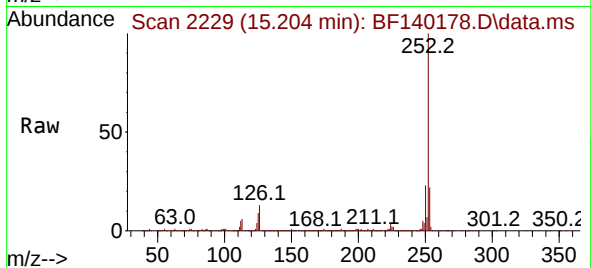
125 8.8 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#90

Benzo(a)pyrene

Concen: 38.729 ng

RT: 15.551 min Scan# 2288

Delta R.T. 0.083 min

Lab File: BF140178.D

Acq: 31 Oct 2024 10:15

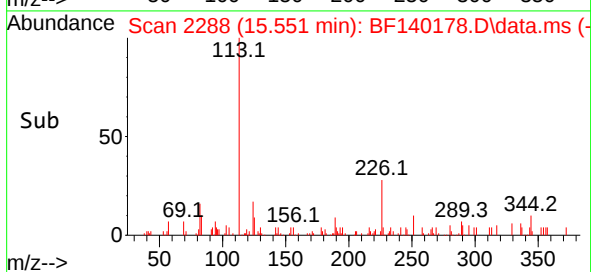
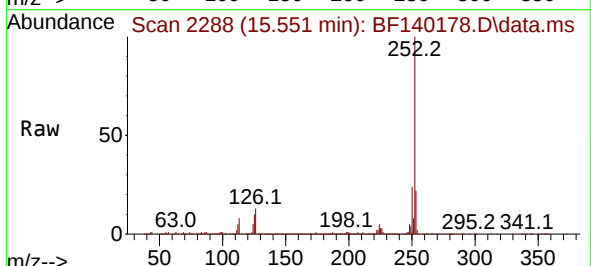
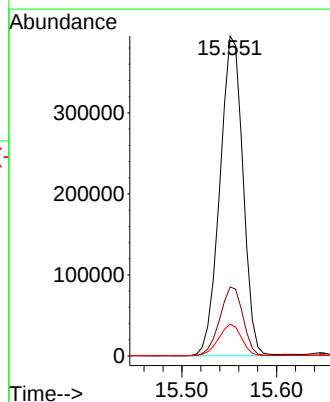
Tgt Ion:252 Resp: 667766

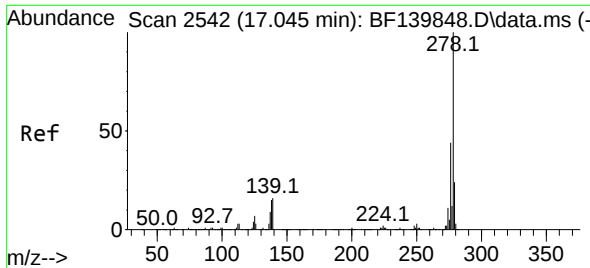
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 10.0 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 32.457 ng
RT: 17.180 min Scan# 2542
Delta R.T. 0.135 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Instrument :

BNA_F

ClientSampleId :

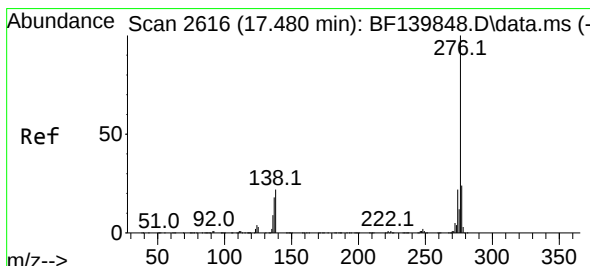
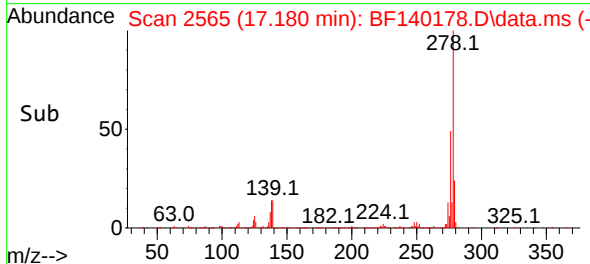
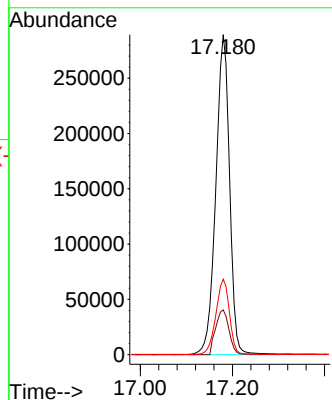
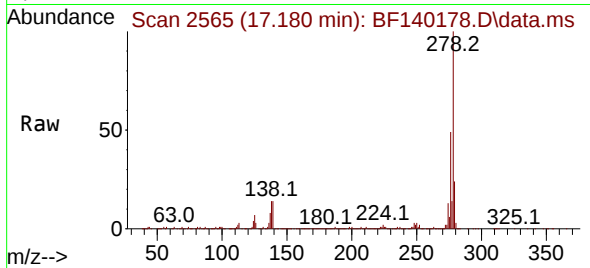
PB164540BS

Tgt Ion:278 Resp: 599184
Ion Ratio Lower Upper
278 100
139 14.0 13.1 19.7
279 23.6 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#92
Benzo(g,h,i)perylene
Concen: 29.811 ng
RT: 17.627 min Scan# 2641
Delta R.T. 0.147 min
Lab File: BF140178.D
Acq: 31 Oct 2024 10:15

Tgt Ion:276 Resp: 549722
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 19.2 17.4 26.0

