

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140050.D
 Acq On : 26 Oct 2024 10:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 28 01:04:37 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	6.892	152	128827	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	465620	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	252523	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	452033	20.000	ng	0.00
76) Chrysene-d12	14.051	240	241717	20.000	ng	0.00
86) Perylene-d12	15.533	264	235878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	628864	76.419	ng	0.00
7) Phenol-d6	6.510	99	789164	74.043	ng	0.00
23) Nitrobenzene-d5	7.451	82	708619	84.348	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	205981	87.205	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1223250	80.059	ng	0.00
79) Terphenyl-d14	12.998	244	1215864	81.965	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	150421	39.204	ng	95
3) Pyridine	3.434	79	367370	38.628	ng	96
4) n-Nitrosodimethylamine	3.387	42	190956	37.371	ng	99
6) Aniline	6.551	93	368957	37.144	ng	99
8) 2-Chlorophenol	6.675	128	320586	38.107	ng	98
9) Benzaldehyde	6.440	77	234371	39.089	ng	98
10) Phenol	6.528	94	407135m	37.053	ng	
11) bis(2-Chloroethyl)ether	6.628	93	315031	37.093	ng	98
12) 1,3-Dichlorobenzene	6.834	146	380517	39.403	ng	99
13) 1,4-Dichlorobenzene	6.910	146	381820	39.575	ng	98
14) 1,2-Dichlorobenzene	7.063	146	352670	39.166	ng	99
15) Benzyl Alcohol	7.028	79	290777	37.193	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	492247	33.991	ng	98
17) 2-Methylphenol	7.134	107	265251	36.976	ng	99
18) Hexachloroethane	7.404	117	133886	38.915	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	225036	34.813	ng	96
20) 3+4-Methylphenols	7.287	107	337114	36.741	ng	97
22) Acetophenone	7.298	105	442717	38.819	ng	98
24) Nitrobenzene	7.475	77	371997	40.387	ng	99
25) Isophorone	7.710	82	600543	37.663	ng	100
26) 2-Nitrophenol	7.787	139	152898	44.001	ng	98
27) 2,4-Dimethylphenol	7.816	122	215623	37.214	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	366191	37.905	ng	99
29) 2,4-Dichlorophenol	8.022	162	259831	39.370	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	297397	40.725	ng	99
31) Naphthalene	8.192	128	957179	39.859	ng	100
32) Benzoic acid	7.922	122	196406	38.864	ng	99
33) 4-Chloroaniline	8.239	127	319573	39.027	ng	98
34) Hexachlorobutadiene	8.310	225	190352	41.486	ng	99
35) Caprolactam	8.610	113	82029	39.090	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	286338	39.183	ng	98
37) 2-Methylnaphthalene	8.886	142	575923	39.160	ng	99
38) 1-Methylnaphthalene	8.986	142	563589	39.059	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	280380	41.156	ng	100
41) Hexachlorocyclopentadiene	9.039	237	96240	40.599	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	189095	39.204	ng	100

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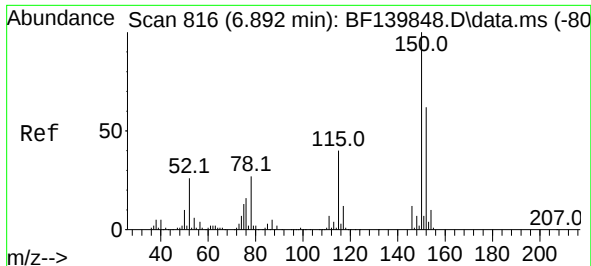
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	209100	42.019	ng	98
46) 1,1'-Biphenyl	9.351	154	702753	39.976	ng	99
47) 2-Chloronaphthalene	9.375	162	569969	40.256	ng	100
48) 2-Nitroaniline	9.463	65	189346	43.726	ng	97
49) Acenaphthylene	9.792	152	822402	40.178	ng	99
50) Dimethylphthalate	9.645	163	620788	39.467	ng	100
51) 2,6-Dinitrotoluene	9.710	165	146590	43.043	ng	95
52) Acenaphthene	9.963	154	534118	40.337	ng	99
53) 3-Nitroaniline	9.875	138	150273	42.788	ng	98
54) 2,4-Dinitrophenol	9.980	184	63575	47.791	ng	# 1
55) Dibenzofuran	10.133	168	753272	39.650	ng	99
56) 4-Nitrophenol	10.022	139	115811	42.861	ng	98
57) 2,4-Dinitrotoluene	10.110	165	193550	46.215	ng	97
58) Fluorene	10.475	166	580262	40.101	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	158963	40.748	ng	98
60) Diethylphthalate	10.345	149	596467	38.622	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	293294	40.136	ng	99
62) 4-Nitroaniline	10.486	138	145969	44.006	ng	98
63) Azobenzene	10.628	77	604466	36.919	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	94428	51.213	ng	95
66) n-Nitrosodiphenylamine	10.586	169	516725	38.193	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	182651	39.222	ng	98
68) Hexachlorobenzene	11.022	284	210271	40.149	ng	98
69) Atrazine	11.110	200	141427	38.590	ng	98
70) Pentachlorophenol	11.216	266	137449	43.242	ng	99
71) Phenanthrene	11.439	178	825275	38.651	ng	100
72) Anthracene	11.492	178	814682	39.105	ng	100
73) Carbazole	11.645	167	752228	38.824	ng	99
74) Di-n-butylphthalate	11.975	149	855272	38.208	ng	100
75) Fluoranthene	12.627	202	872425	40.418	ng	99
77) Benzidine	12.745	184	218225	54.904	ng	99
78) Pyrene	12.857	202	875493	41.378	ng	100
80) Butylbenzylphthalate	13.469	149	266392	41.996	ng	98
81) Benzo(a)anthracene	14.045	228	634008	40.293	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	197714	43.096	ng	98
83) Chrysene	14.080	228	559543	38.784	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	293086	41.182	ng	99
85) Di-n-octyl phthalate	14.645	149	432082	33.379	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	614705	40.509	ng	97
88) Benzo(b)fluoranthene	15.098	252	544199	37.874	ng	99
89) Benzo(k)fluoranthene	15.127	252	501497	40.470	ng	99
90) Benzo(a)pyrene	15.468	252	477754	40.409	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	504913	39.886	ng	97
92) Benzo(g,h,i)perylene	17.486	276	523930	41.435	ng	98

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



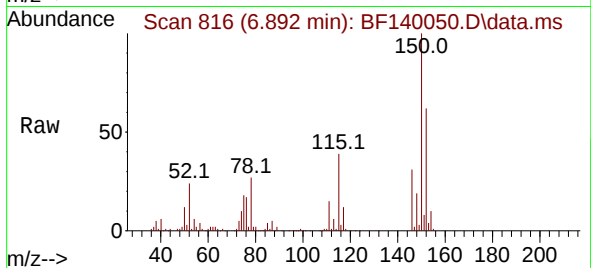
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140050.D
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BNA_F

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SSTDCCC040



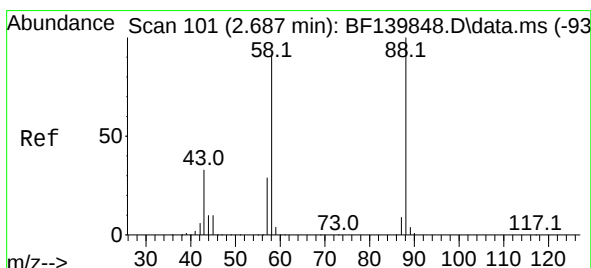
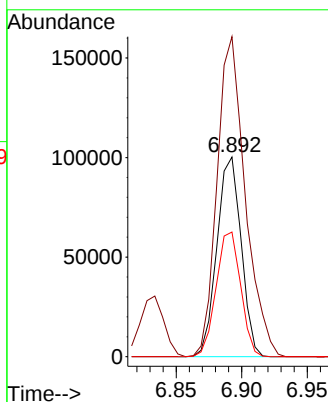
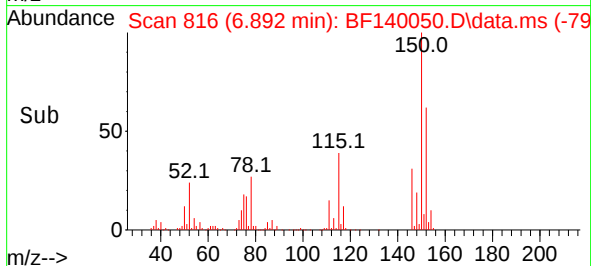
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Ion Ratio Lower Upper
152 100
150 160.2 130.2 195.2
115 62.4 51.4 77.2

Manual Integrations

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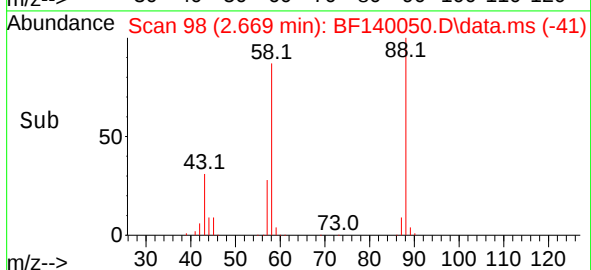
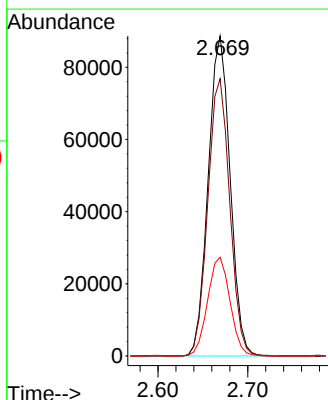
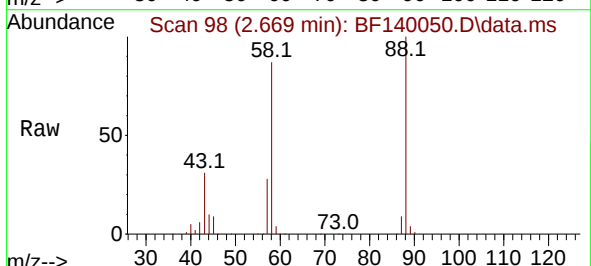
Reviewed By :Yogesh Patel 10/29/2024

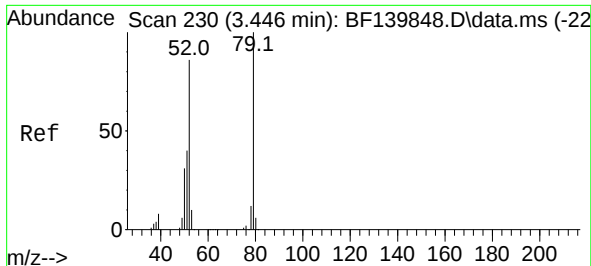
Supervised By :mohammad ahmed 10/29/2024



#2
1,4-Dioxane
Concen: 39.204 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.018 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Tgt Ion: 88 Resp: 150421
Ion Ratio Lower Upper
88 100
58 86.6 73.3 109.9
43 31.5 27.1 40.7





#3

Pyridine

Concen: 38.628 ng

RT: 3.434 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 367370

Ion Ratio Lower Upper

79 100

52 81.3 68.5 102.7

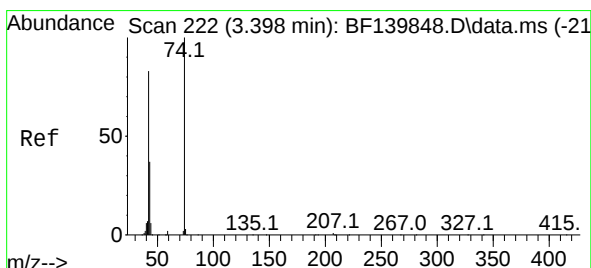
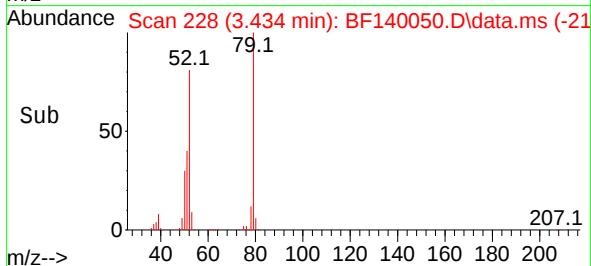
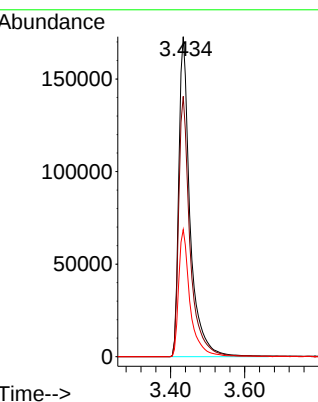
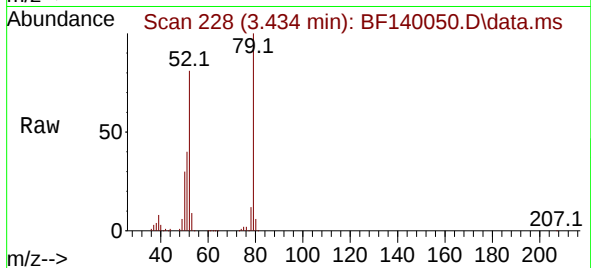
51 39.7 32.3 48.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#4

n-Nitrosodimethylamine

Concen: 37.371 ng

RT: 3.387 min Scan# 220

Delta R.T. -0.012 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

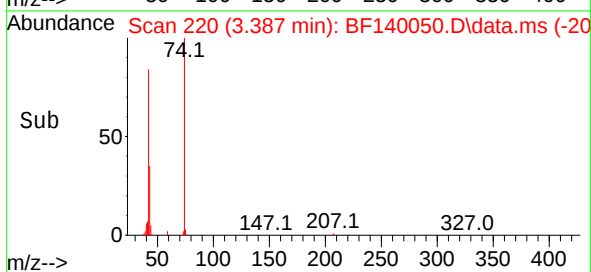
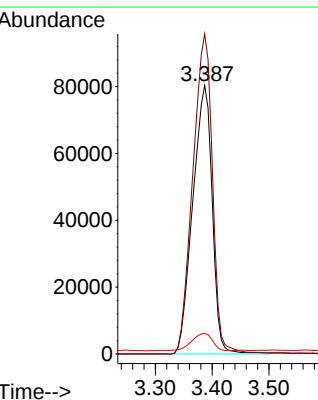
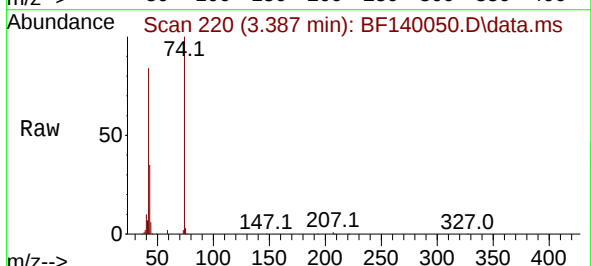
Tgt Ion: 42 Resp: 190956

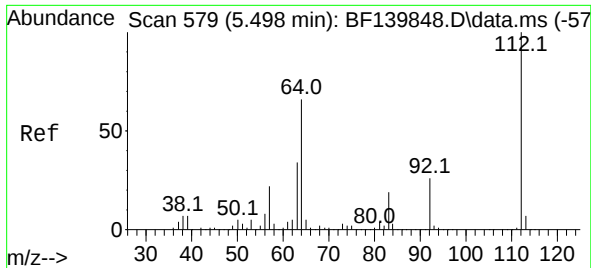
Ion Ratio Lower Upper

42 100

74 119.2 96.2 144.4

44 7.6 6.2 9.2





#5
2-Fluorophenol
Concen: 76.419 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

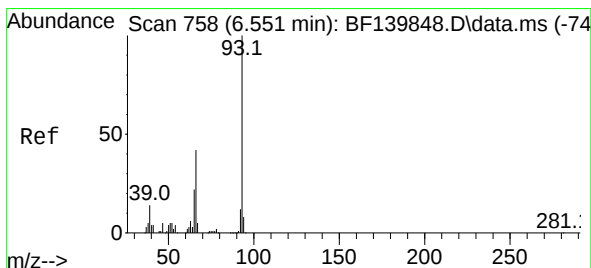
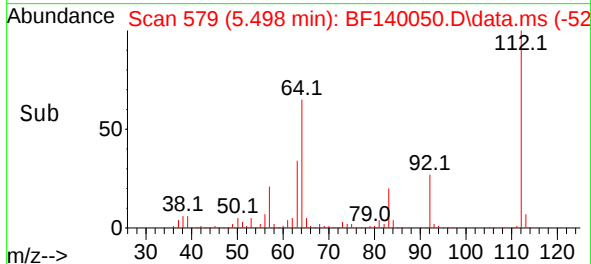
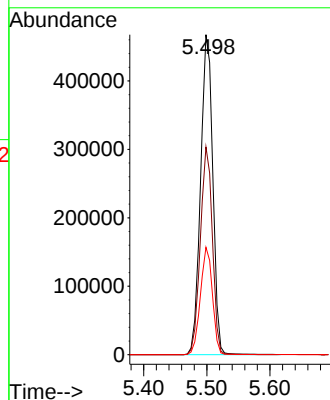
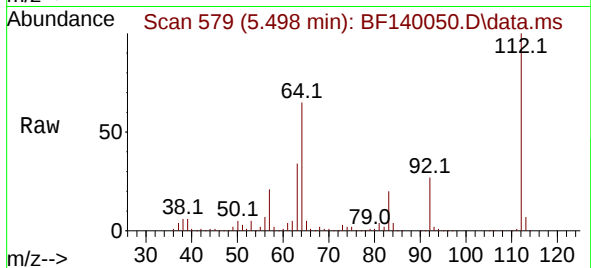
SSTDCCC040

Tgt Ion:112 Resp: 628864
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 33.6 27.0 40.4

Manual Integrations

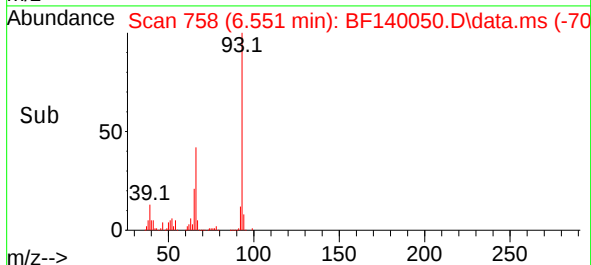
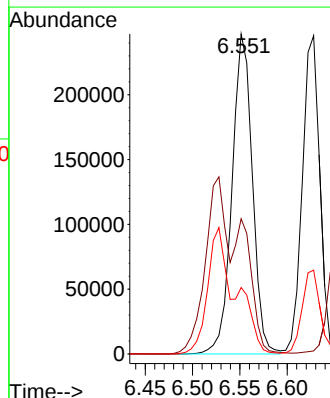
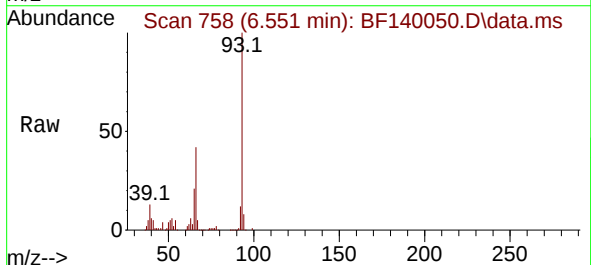
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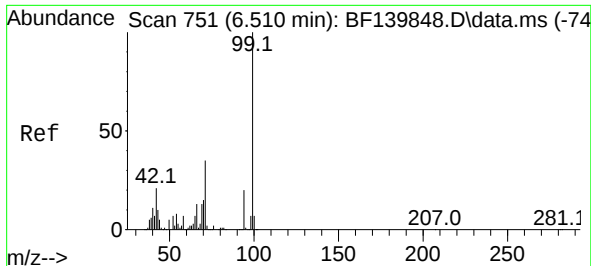
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#6
Aniline
Concen: 37.144 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

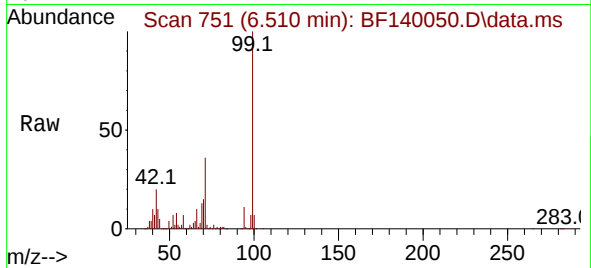
Tgt Ion: 93 Resp: 368957
Ion Ratio Lower Upper
93 100
66 42.2 34.0 51.0
65 20.7 17.4 26.0





#7
Phenol-d6
Concen: 74.043 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

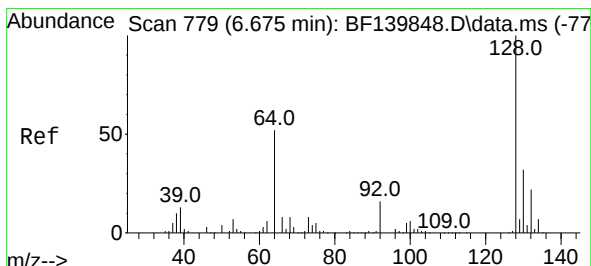
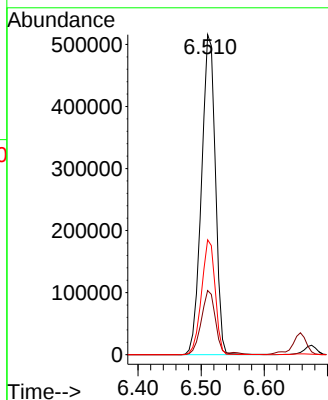
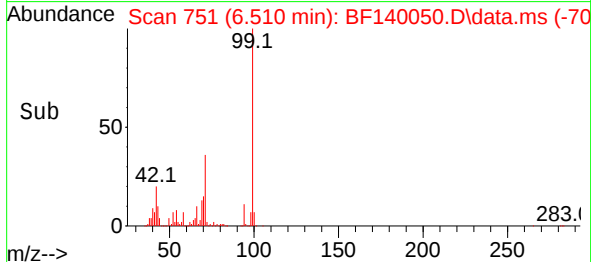
Instrument :
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Tgt Ion: 99 Resp: 789164
Ion Ratio Lower Upper
99 100
42 20.0 16.7 25.1
71 35.9 27.7 41.5

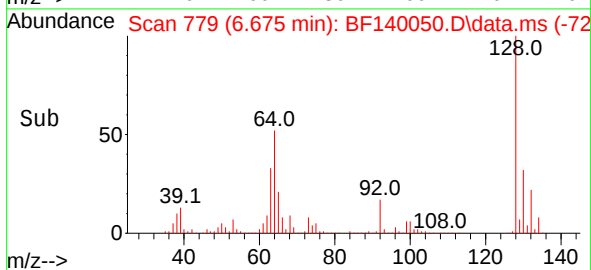
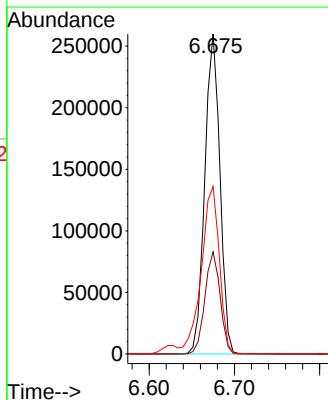
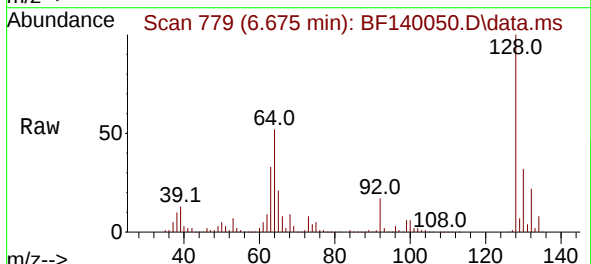
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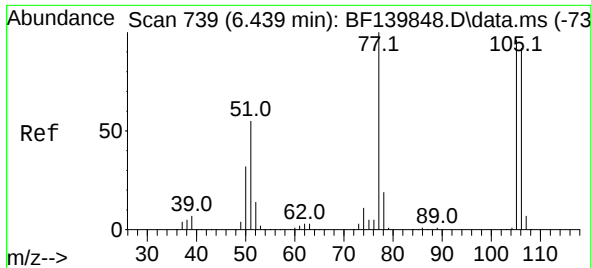
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#8
2-Chlorophenol
Concen: 38.107 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

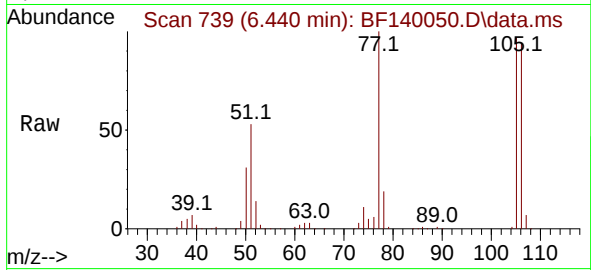
Tgt Ion:128 Resp: 320586
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 52.3 34.6 74.6





#9
Benzaldehyde
Concen: 39.089 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.001 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

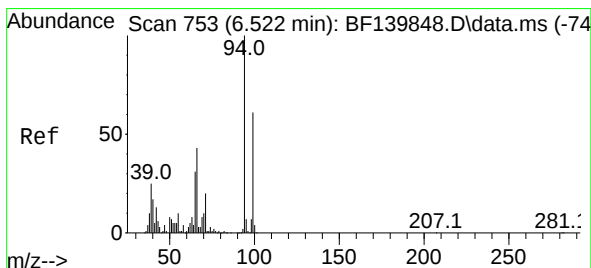
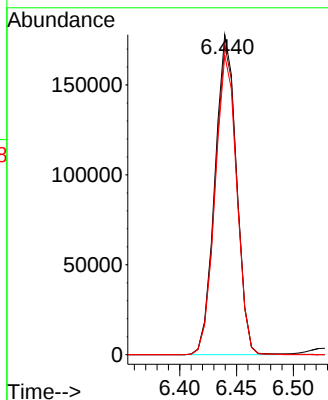
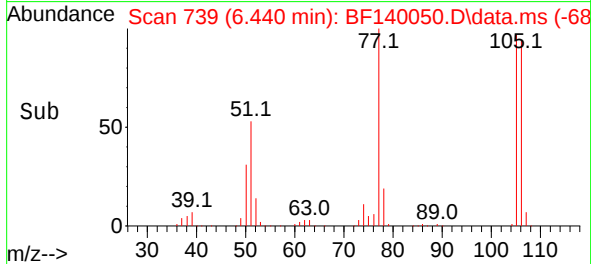
Instrument :
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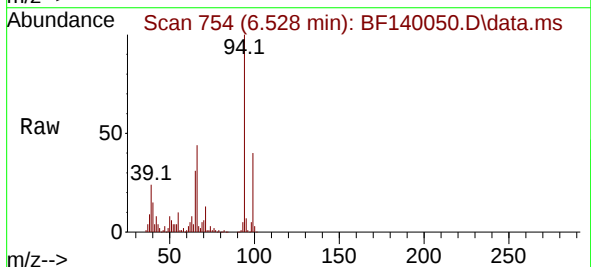
Tgt Ion: 77 Resp: 23437
Ion Ratio Lower Upper
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105 96.7 75.5 115.5
106 93.6 71.7 111.7

Manual Integrations
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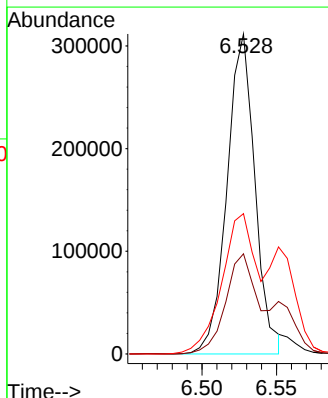
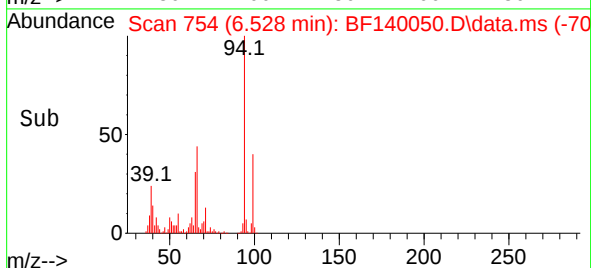
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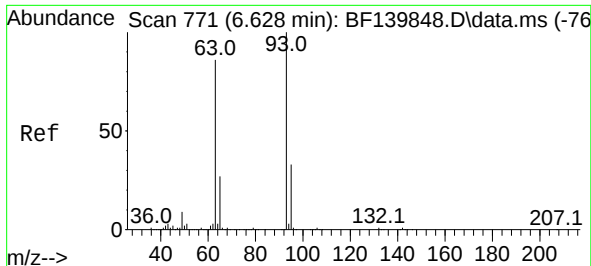


#10
Phenol
Concen: 37.053 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38



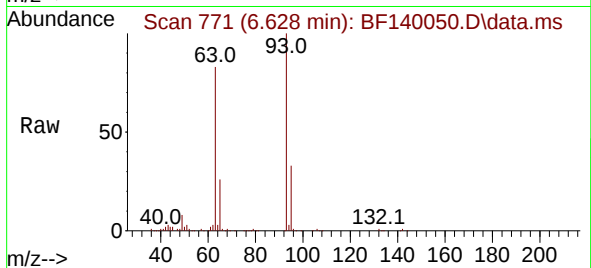
Tgt Ion: 94 Resp: 407135
Ion Ratio Lower Upper
94 100
65 31.3 11.1 51.1
66 43.8 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 37.093 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

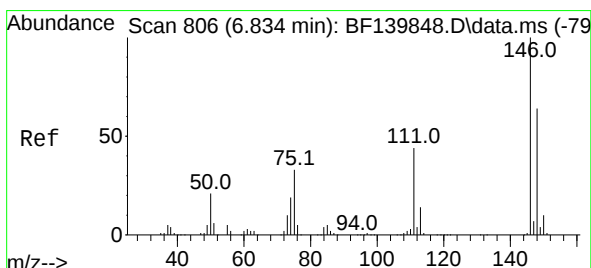
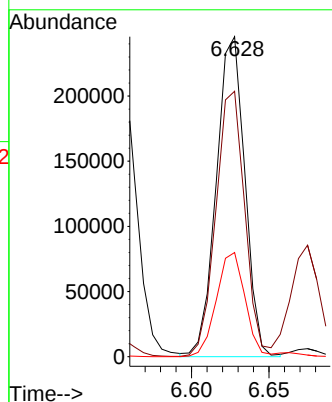
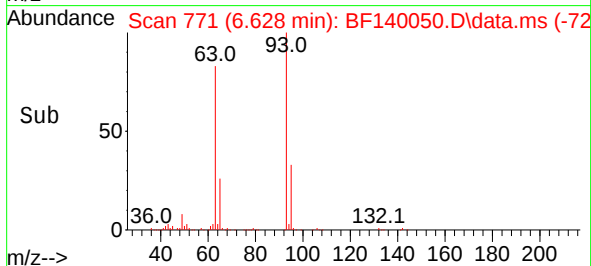
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 31503
Ion Ratio Lower Upper
93 100
63 82.9 65.0 105.0
95 32.5 12.4 52.4

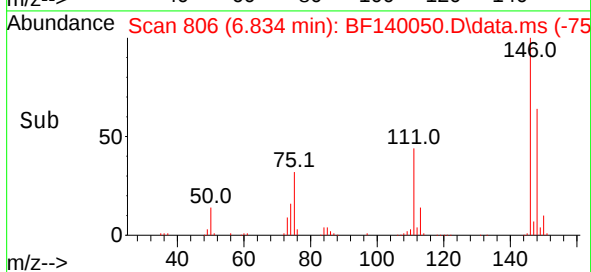
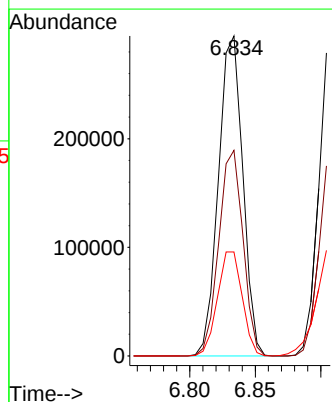
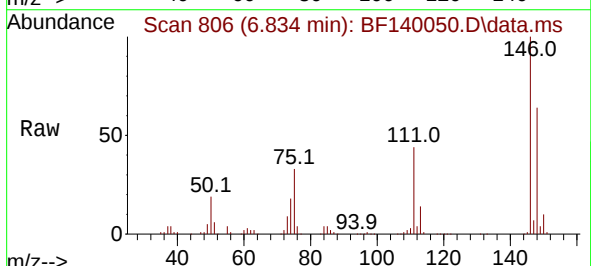
Manual Integrations
APPROVED

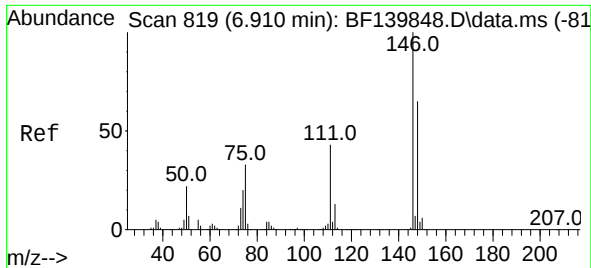
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#12
1,3-Dichlorobenzene
Concen: 39.403 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

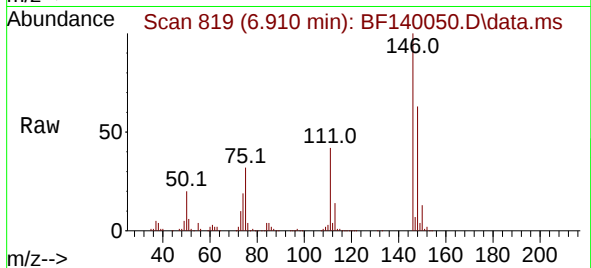
Tgt Ion:146 Resp: 380517
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
75 32.5 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 39.575 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

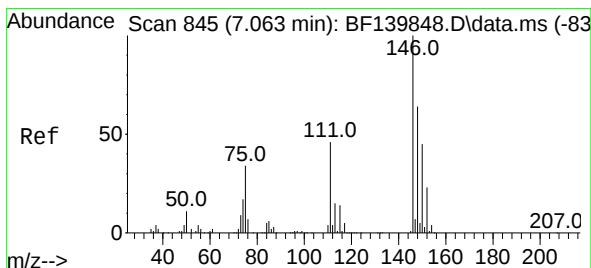
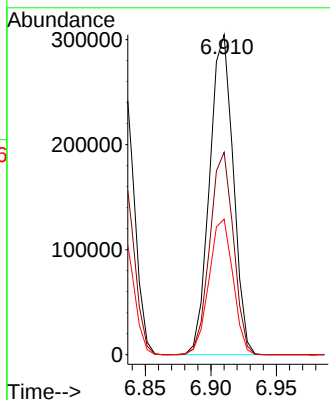
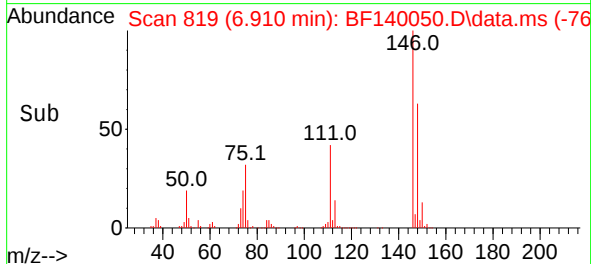
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



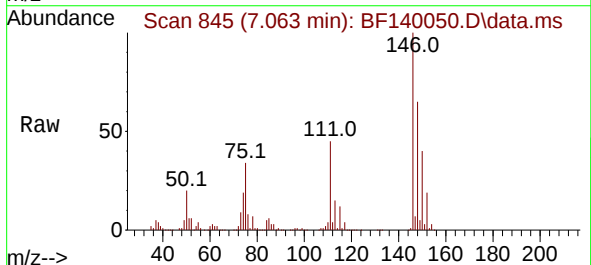
Tgt Ion:146 Resp: 381820
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
111 42.4 34.6 51.8

Manual Integrations
APPROVED

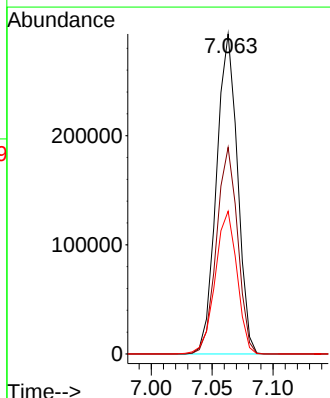
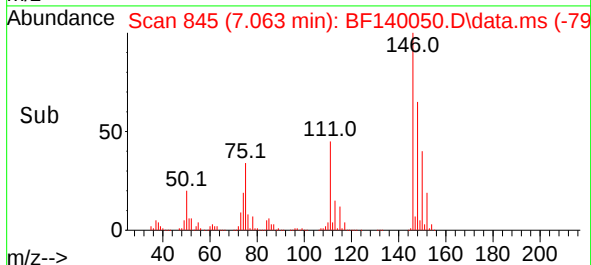
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

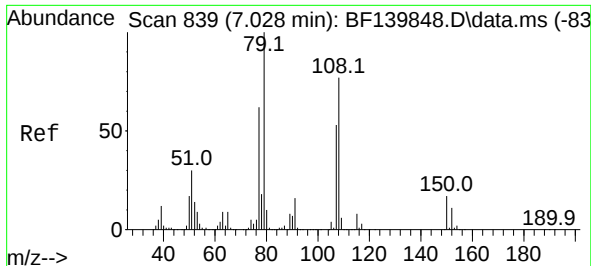


#14
1,2-Dichlorobenzene
Concen: 39.166 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38



Tgt Ion:146 Resp: 352670
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
111 44.6 36.7 55.1





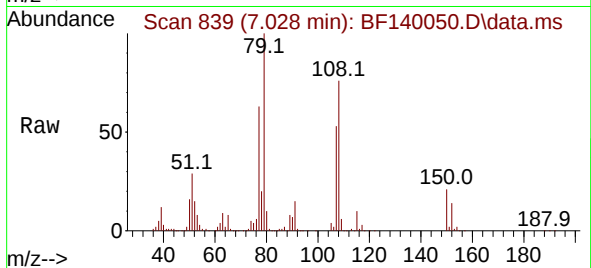
#15
Benzyl Alcohol
Concen: 37.193 ng
RT: 7.028 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

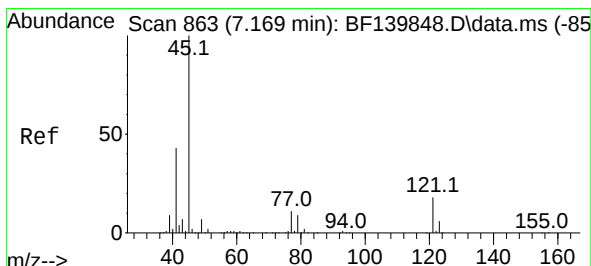
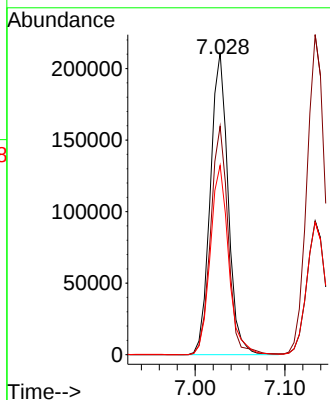
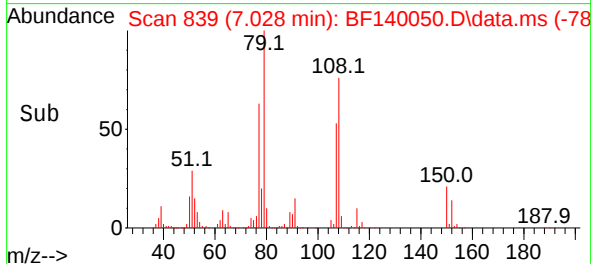


Tgt Ion: 79 Resp: 29077
Ion Ratio Lower Upper
79 100
108 75.7 61.4 92.0
77 62.7 49.9 74.9

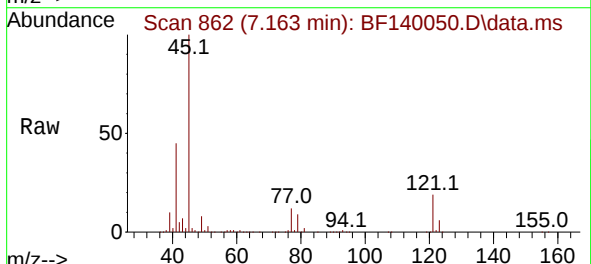
Manual Integrations

APPROVED

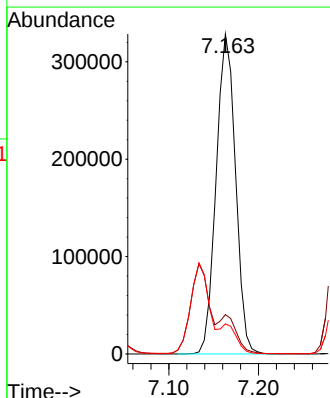
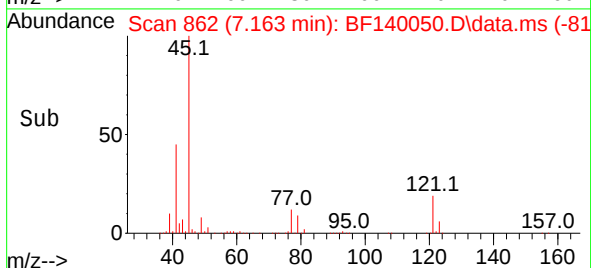
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

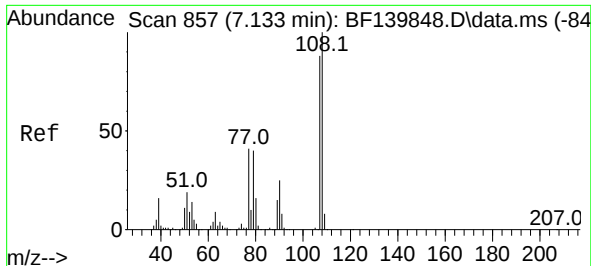


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.991 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38



Tgt Ion: 45 Resp: 492247
Ion Ratio Lower Upper
45 100
77 12.3 0.0 31.5
79 9.4 0.0 29.1





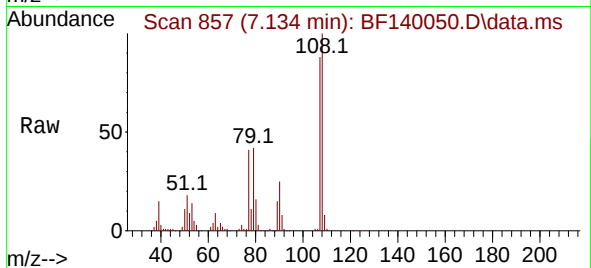
#17
2-Methylphenol
Concen: 36.976 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

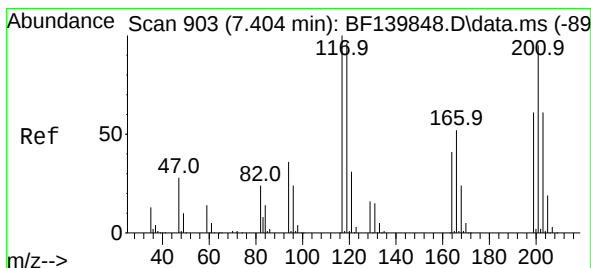
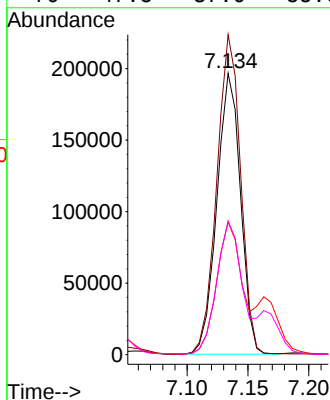
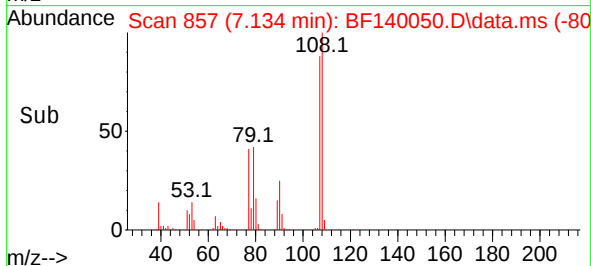


Tgt Ion:107 Resp: 26525
Ion Ratio Lower Upper
107 100
108 113.7 91.3 136.9
77 47.2 37.1 55.7
79 47.5 37.0 55.6

Manual Integrations

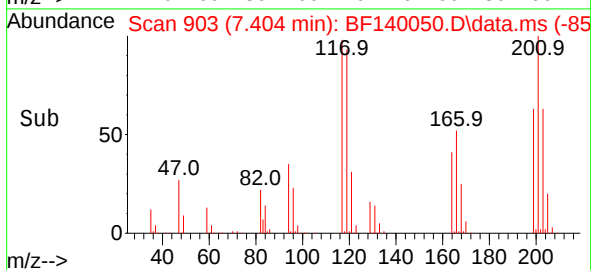
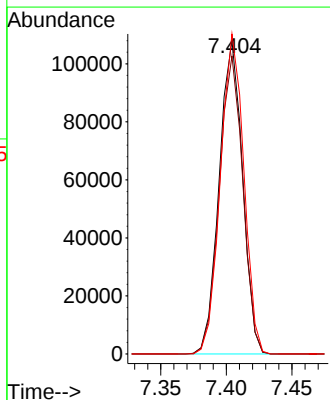
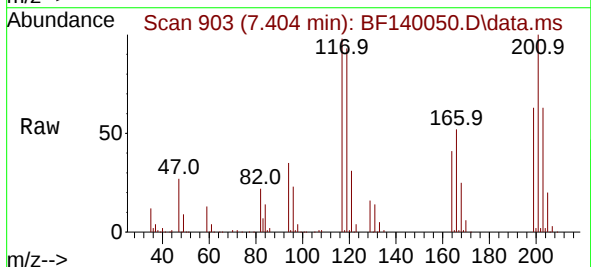
APPROVED

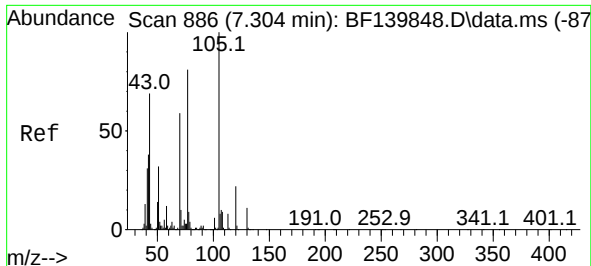
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#18
Hexachloroethane
Concen: 38.915 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Tgt Ion:117 Resp: 133886
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.4
201 102.1 76.2 114.4





#19

n-Nitroso-di-n-propylamine

Concen: 34.813 ng

RT: 7.304 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF140050.D

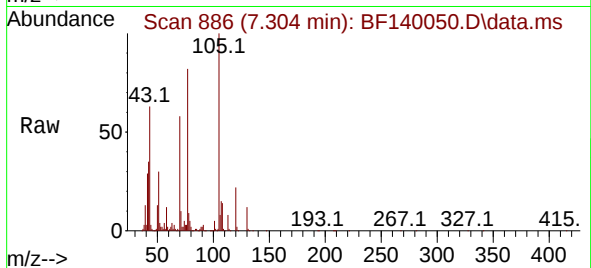
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 225036

Ion Ratio Lower Upper

70 100

42 60.5 51.5 77.3

101 9.4 7.5 11.3

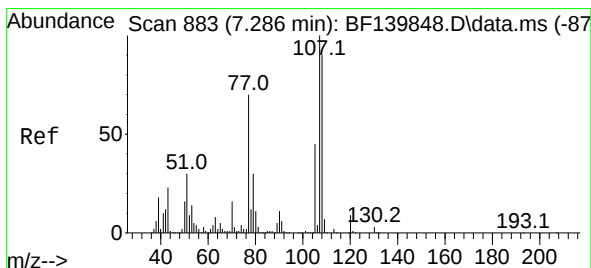
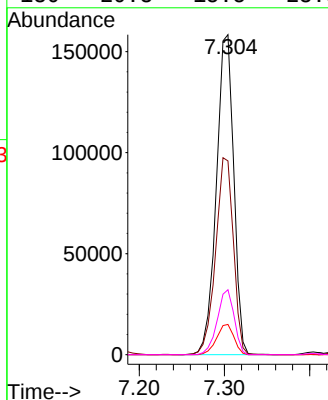
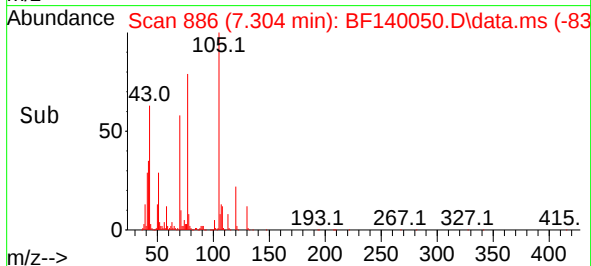
130 20.3 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#20

3+4-Methylphenols

Concen: 36.741 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Tgt Ion:107 Resp: 337114

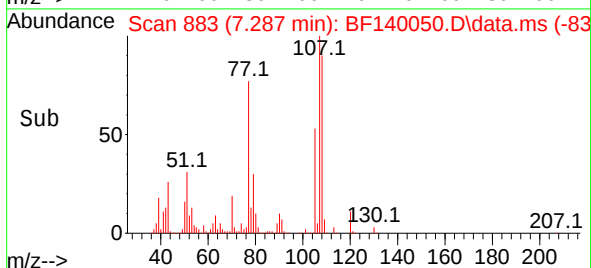
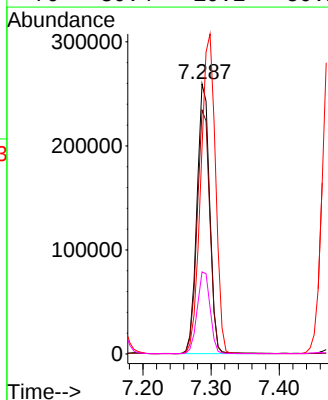
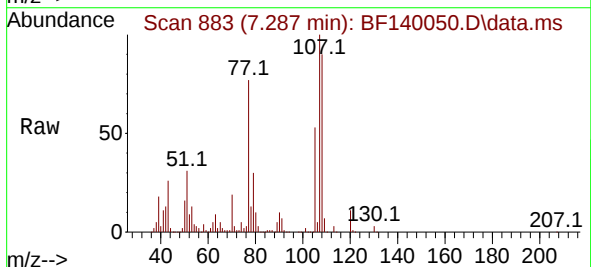
Ion Ratio Lower Upper

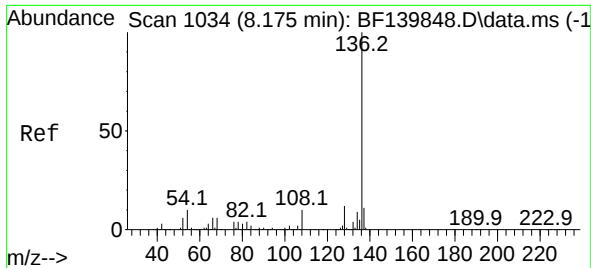
107 100

108 90.2 69.8 109.8

77 76.6 50.5 90.5

79 30.4 10.2 50.2





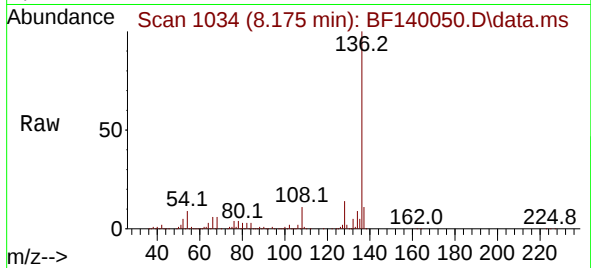
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



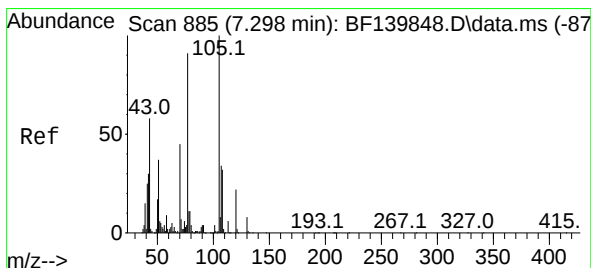
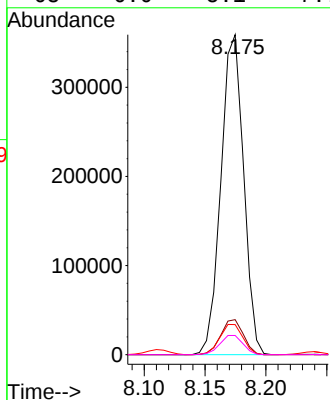
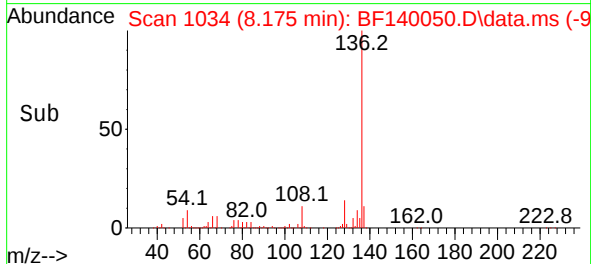
Tgt Ion:136 Resp: 465620
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.4 8.4 12.6
68 6.0 5.1 7.7

Manual Integrations

APPROVED

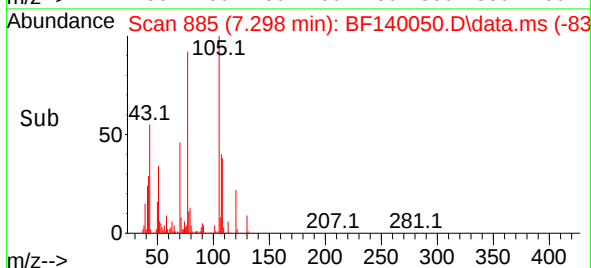
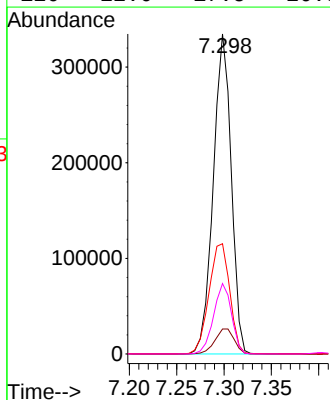
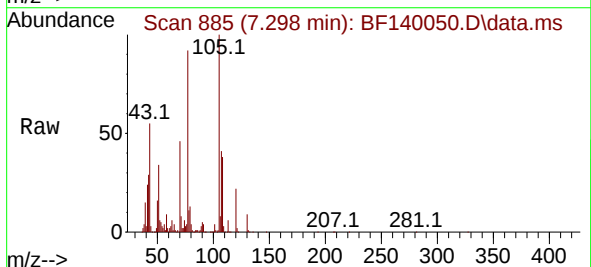
Reviewed By :Yogesh Patel 10/29/2024

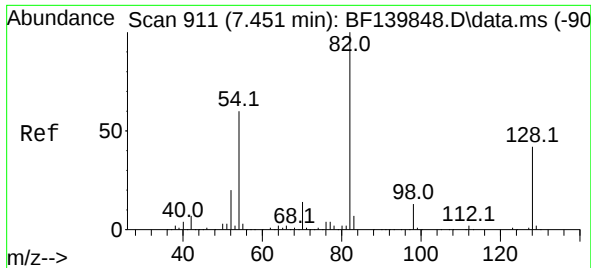
Supervised By :mohammad ahmed 10/29/2024



#22
Acetophenone
Concen: 38.819 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Tgt Ion:105 Resp: 442717
Ion Ratio Lower Upper
105 100
71 7.8 5.9 8.9
51 34.5 29.4 44.2
120 22.0 17.5 26.3





#23

Nitrobenzene-d5

Concen: 84.348 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 708619

Ion Ratio Lower Upper

82 100

128 42.4 33.4 50.0

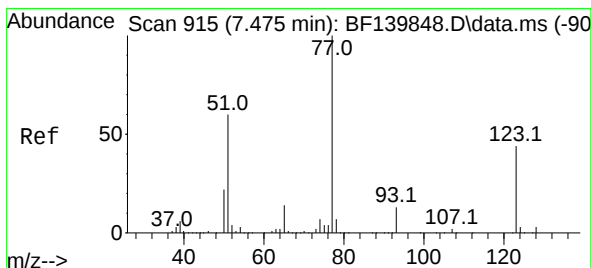
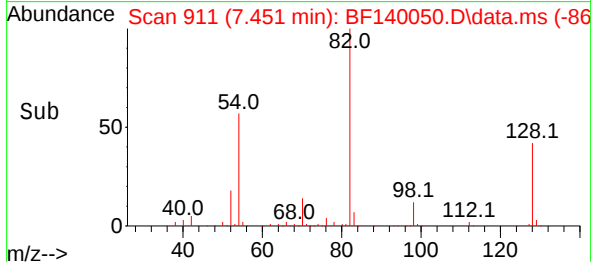
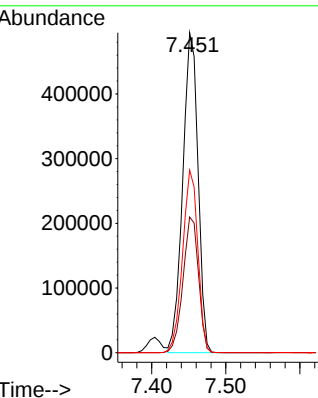
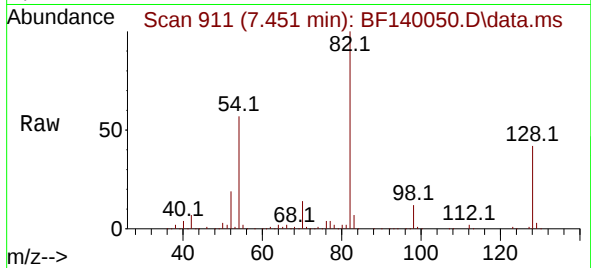
54 57.1 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#24

Nitrobenzene

Concen: 40.387 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

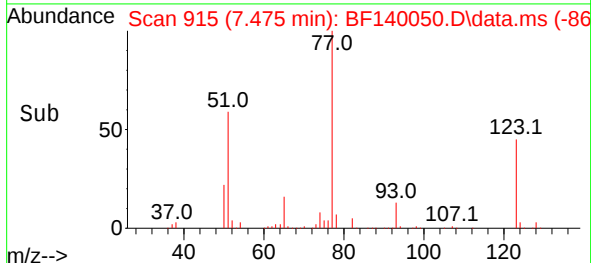
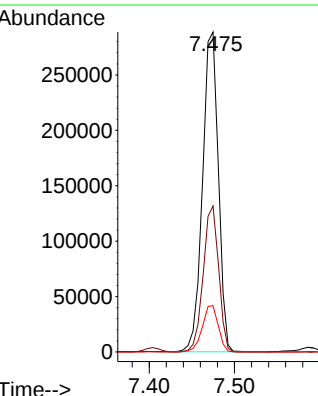
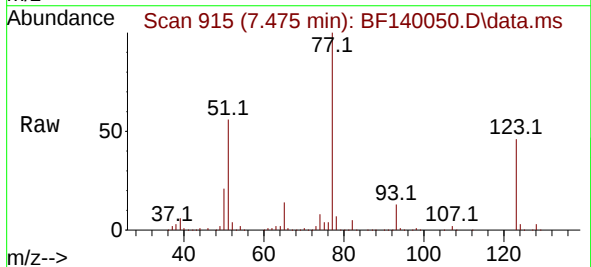
Tgt Ion: 77 Resp: 371997

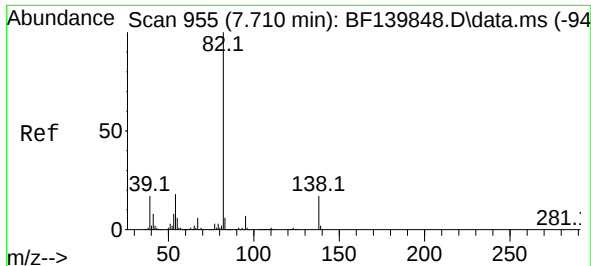
Ion Ratio Lower Upper

77 100

123 45.6 35.7 53.5

65 14.5 11.5 17.3





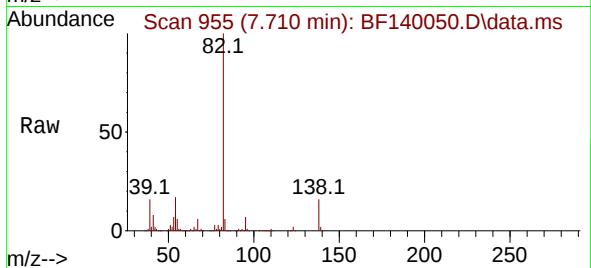
#25
Isophorone
Concen: 37.663 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

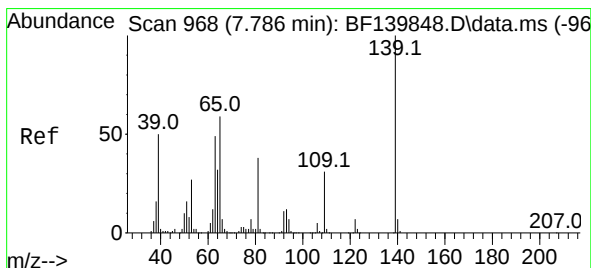
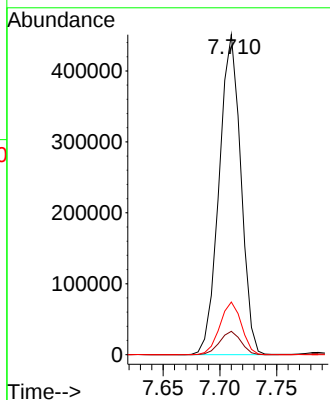
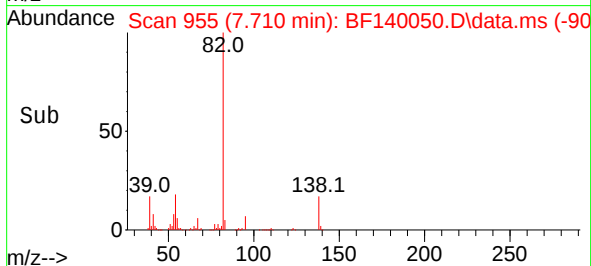


Tgt Ion: 82 Resp: 60054
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.5 13.2 19.8

Manual Integrations

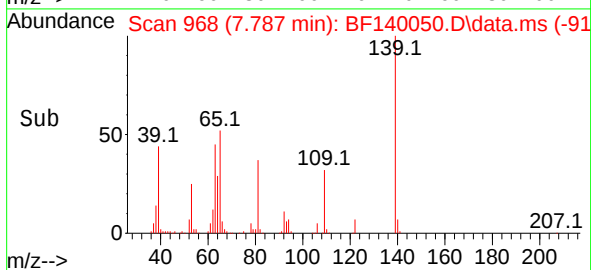
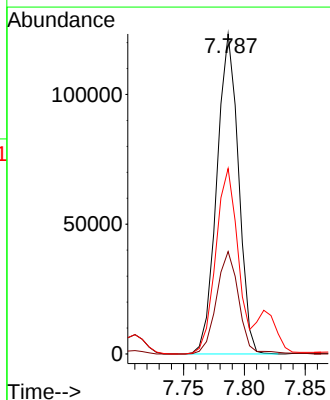
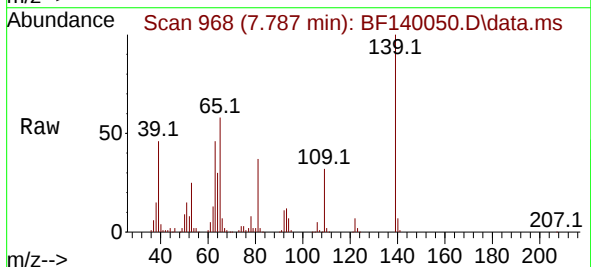
APPROVED

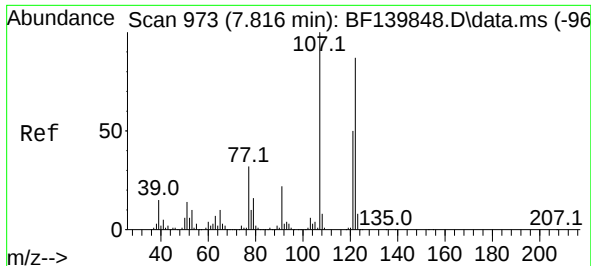
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#26
2-Nitrophenol
Concen: 44.001 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Tgt Ion:139 Resp: 152898
Ion Ratio Lower Upper
139 100
109 32.0 25.1 37.7
65 57.9 47.5 71.3





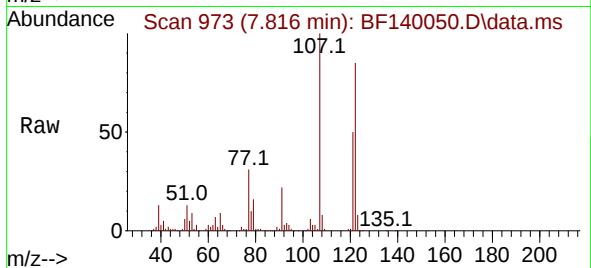
#27
2,4-Dimethylphenol
Concen: 37.214 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



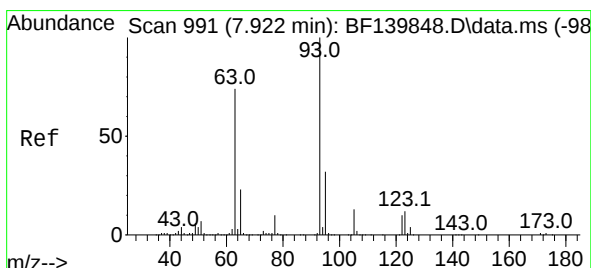
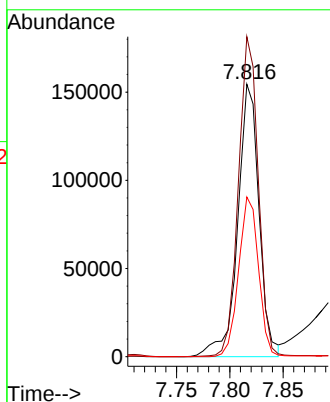
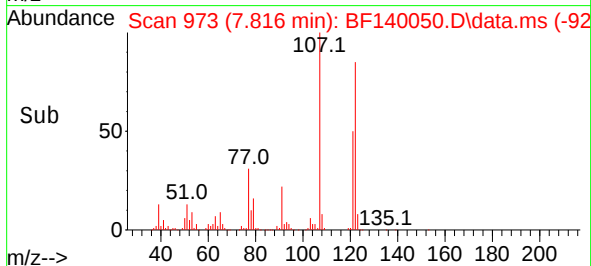
Tgt Ion:122 Resp: 21562
Ion Ratio Lower Upper
122 100
107 117.4 91.9 137.9
121 58.6 46.2 69.4

Manual Integrations

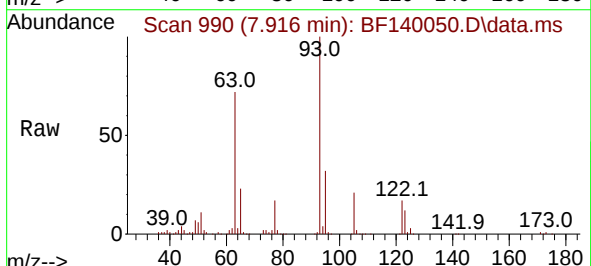
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

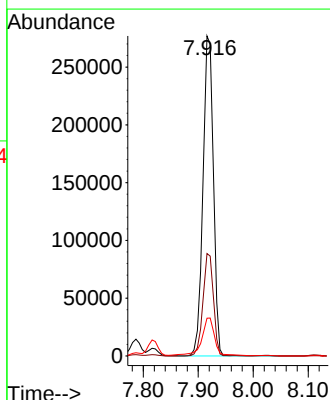
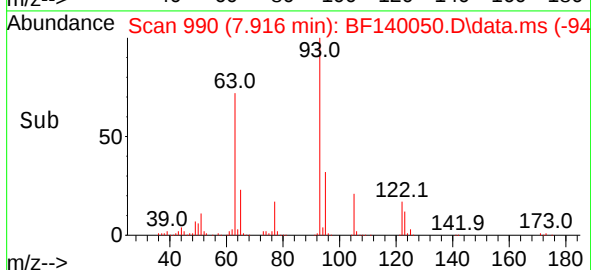
Supervised By :mohammad ahmed 10/29/2024

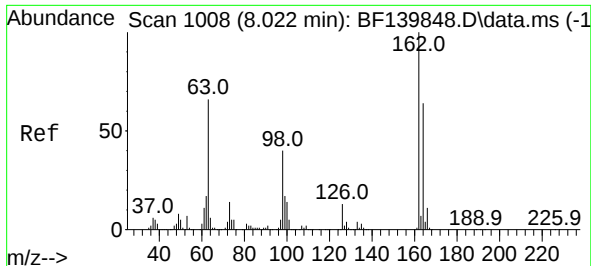


#28
bis(2-Chloroethoxy)methane
Concen: 37.905 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38



Tgt Ion: 93 Resp: 366191
Ion Ratio Lower Upper
93 100
95 32.0 26.0 39.0
123 11.8 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 39.370 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

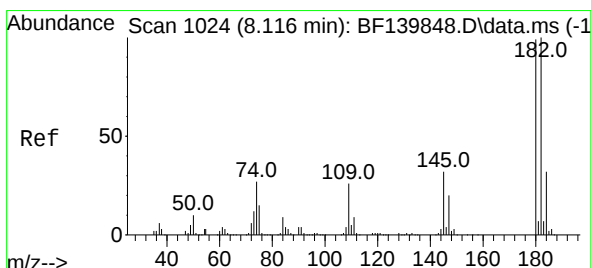
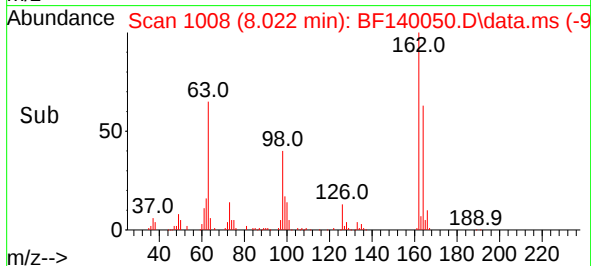
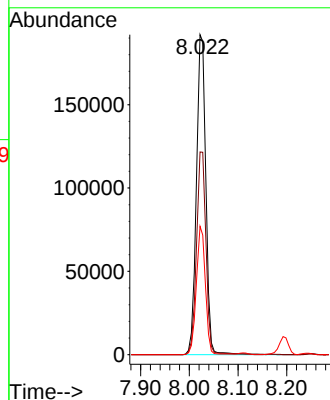
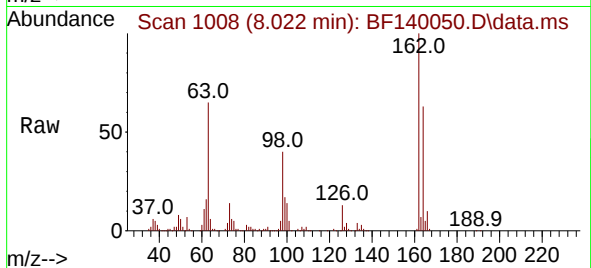
Tgt Ion:162 Resp: 25983
 Ion Ratio Lower Upper
 162 100
 164 63.4 43.9 83.9
 98 40.1 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.725 ng

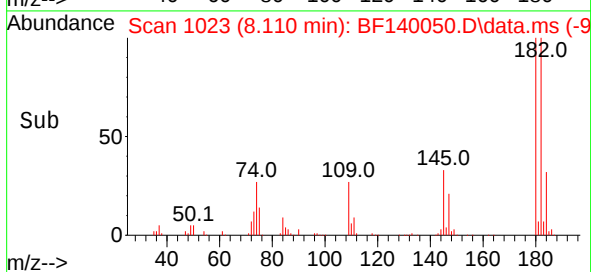
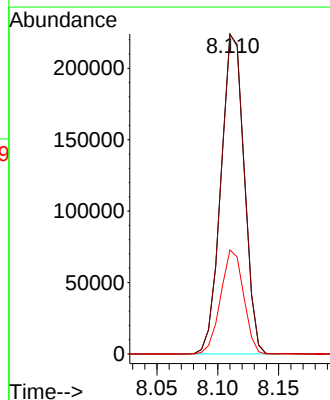
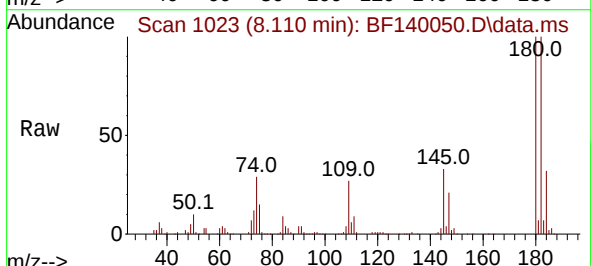
RT: 8.110 min Scan# 1023

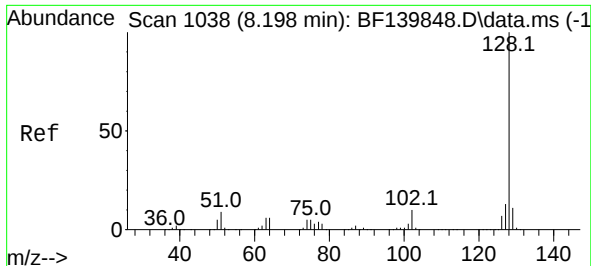
Delta R.T. -0.006 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Tgt Ion:180 Resp: 297397
 Ion Ratio Lower Upper
 180 100
 182 99.8 80.5 120.7
 145 32.5 25.4 38.0





#31
Naphthalene
Concen: 39.859 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

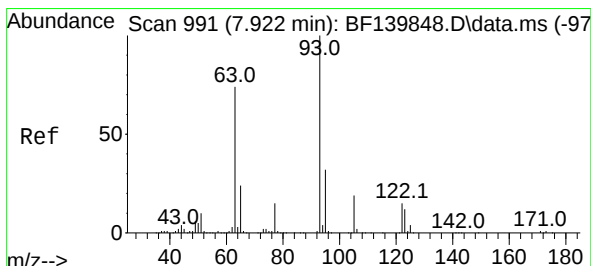
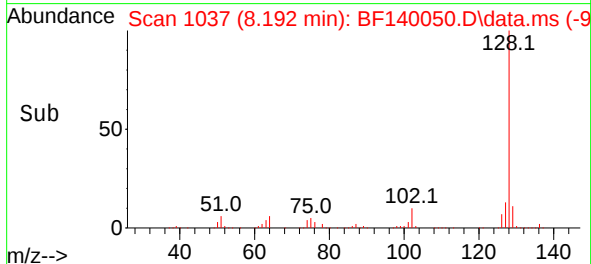
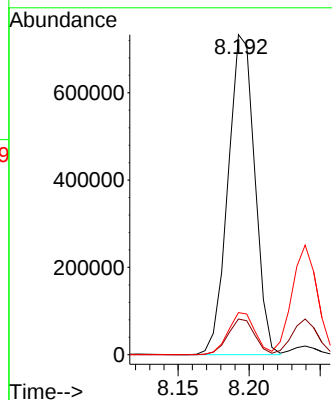
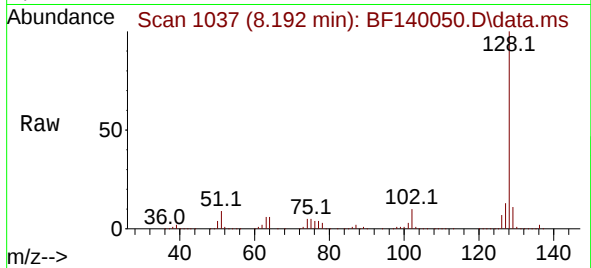
Tgt Ion:128 Resp: 957179
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.6 16.0

Manual Integrations

APPROVED

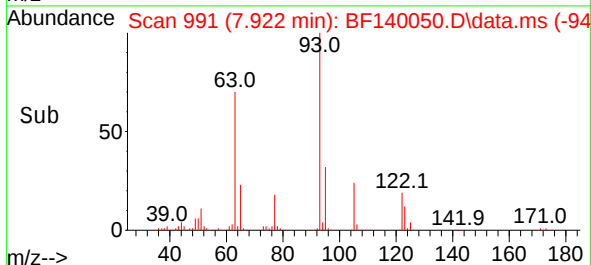
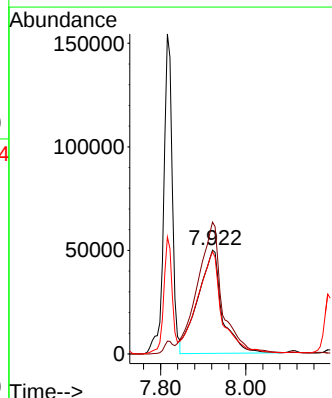
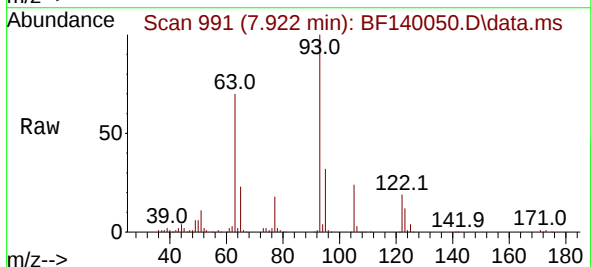
Reviewed By :Yogesh Patel 10/29/2024

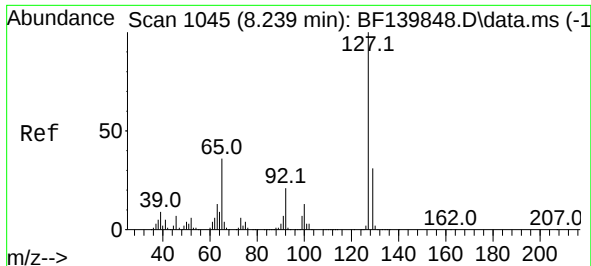
Supervised By :mohammad ahmed 10/29/2024



#32
Benzoic acid
Concen: 38.864 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Tgt Ion:122 Resp: 196406
Ion Ratio Lower Upper
122 100
105 127.0 107.6 147.6
77 98.5 80.2 120.2





#33

4-Chloroaniline

Concen: 39.027 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 31957

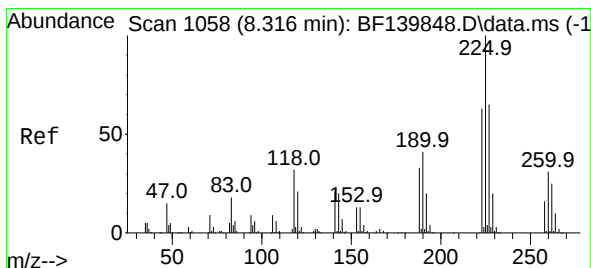
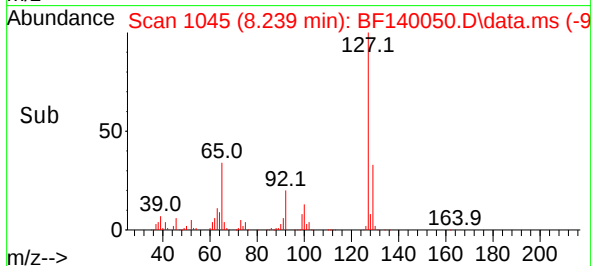
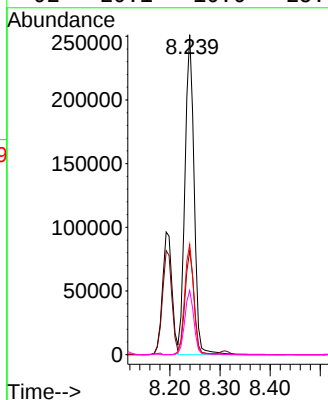
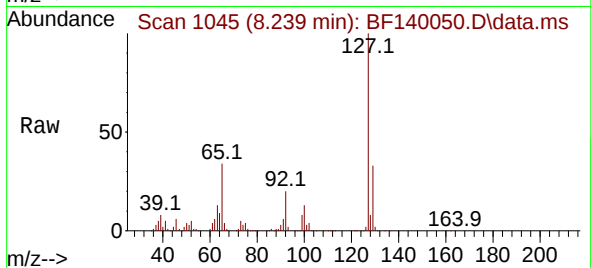
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	34.5	28.4	42.6
92	20.1	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#34

Hexachlorobutadiene

Concen: 41.486 ng

RT: 8.310 min Scan# 1057

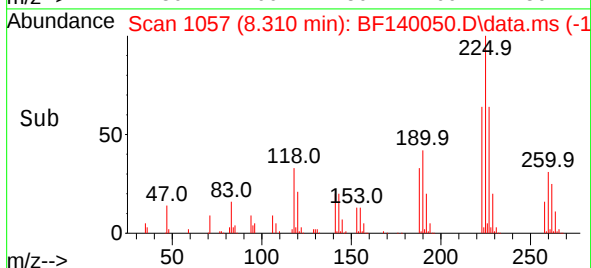
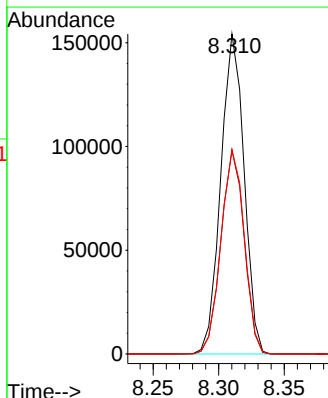
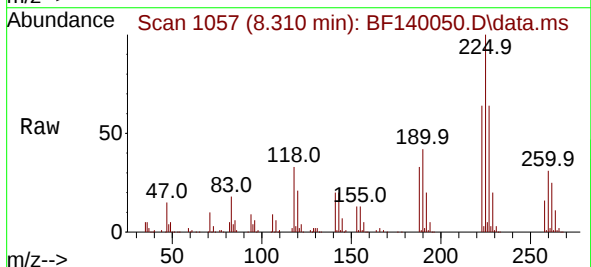
Delta R.T. -0.006 min

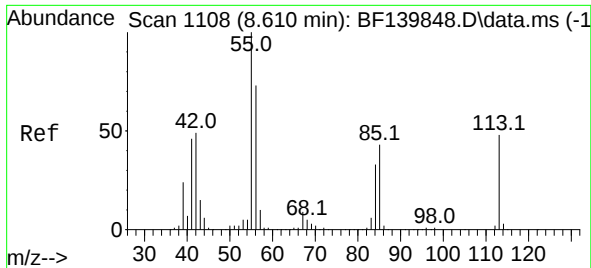
Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Tgt Ion:225 Resp: 190352

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	63.9	51.8	77.8





#35

Caprolactam

Concen: 39.090 ng

RT: 8.610 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

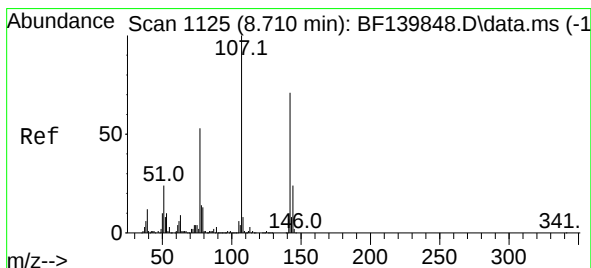
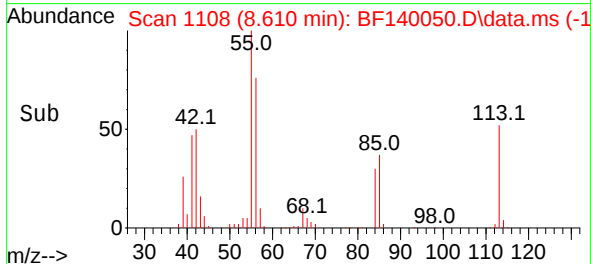
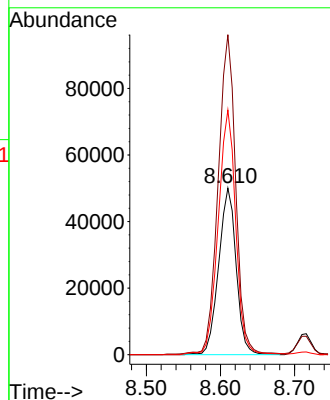
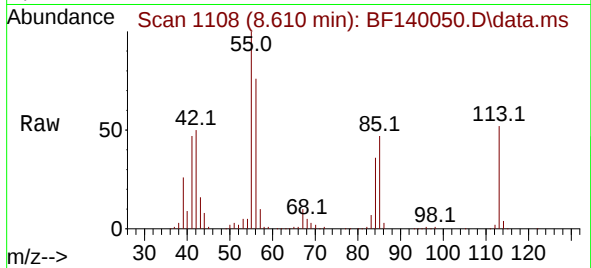
Tgt Ion:113 Resp: 82029
 Ion Ratio Lower Upper
 113 100
 55 192.1 189.2 229.2
 56 146.8 132.5 172.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#36

4-Chloro-3-methylphenol

Concen: 39.183 ng

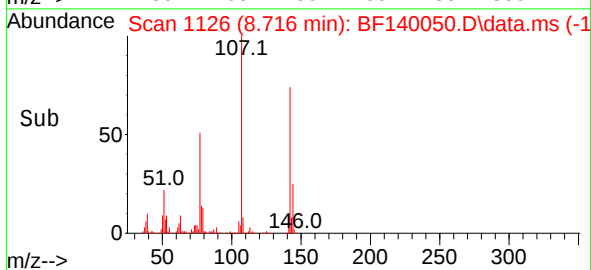
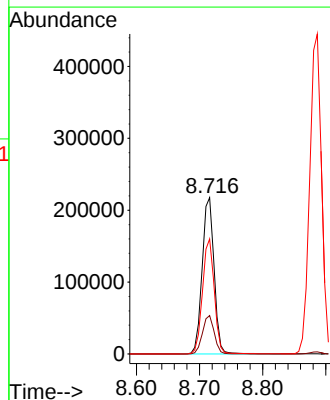
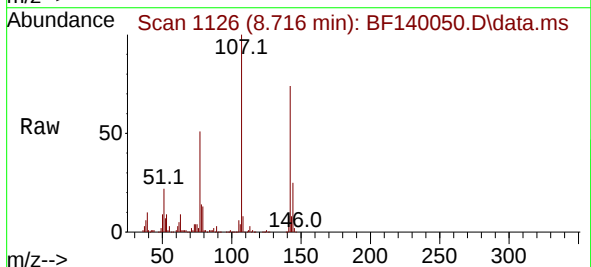
RT: 8.716 min Scan# 1126

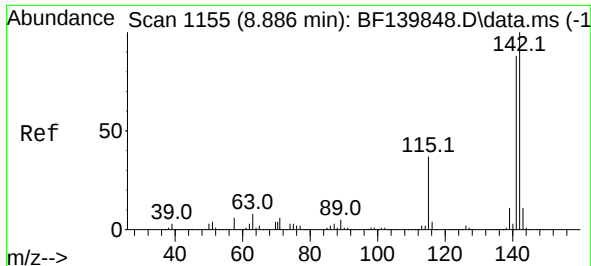
Delta R.T. 0.006 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Tgt Ion:107 Resp: 286338
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.1 28.7
 142 73.6 57.2 85.8





#37

2-Methylnaphthalene

Concen: 39.160 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 57592

Ion Ratio Lower Upper

142 100

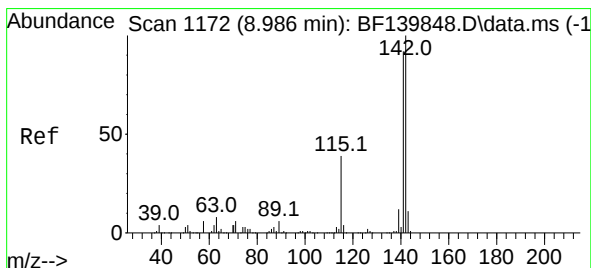
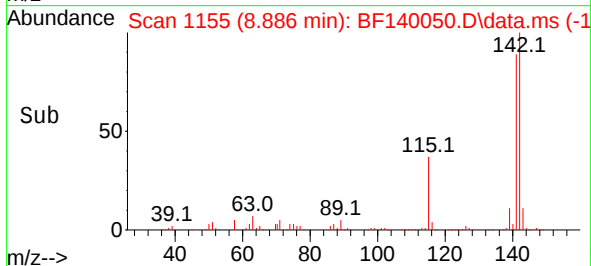
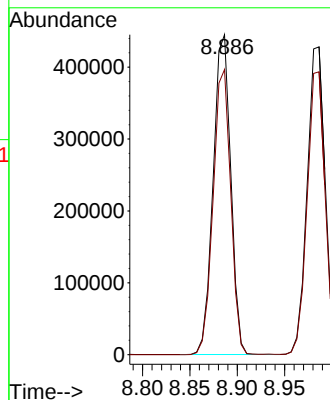
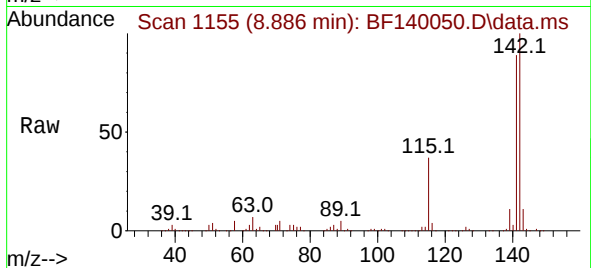
141 89.1 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#38

1-Methylnaphthalene

Concen: 39.059 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140050.D

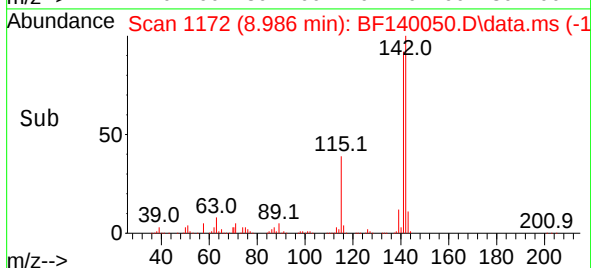
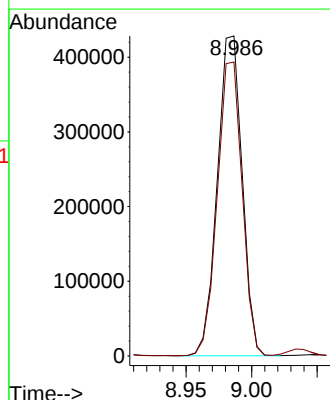
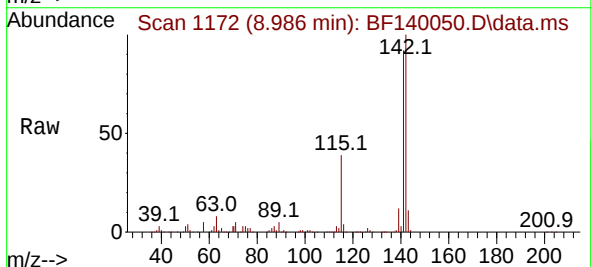
Acq: 26 Oct 2024 10:38

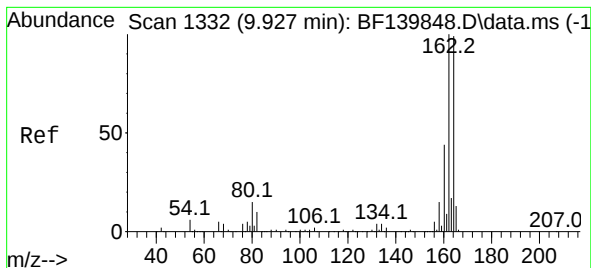
Tgt Ion:142 Resp: 563589

Ion Ratio Lower Upper

142 100

141 91.9 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 140050

Delta R.T. 0.001 min

Lab File: BF140050.D

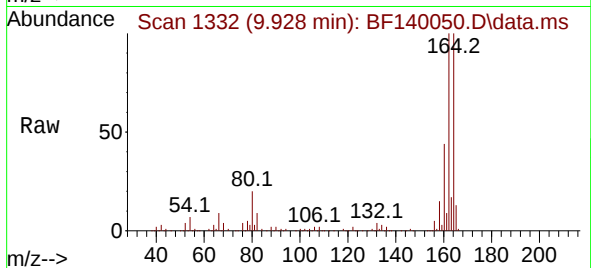
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 25252

Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.4

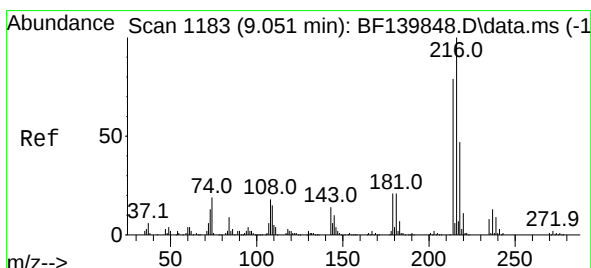
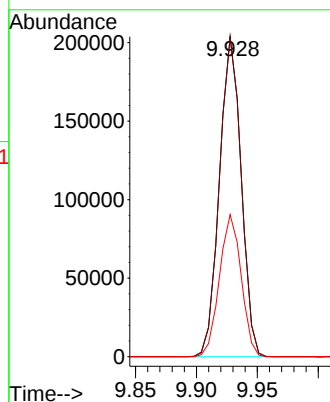
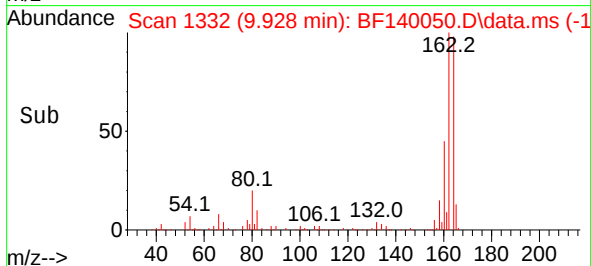
160 44.4 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.156 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Tgt Ion:216 Resp: 280380

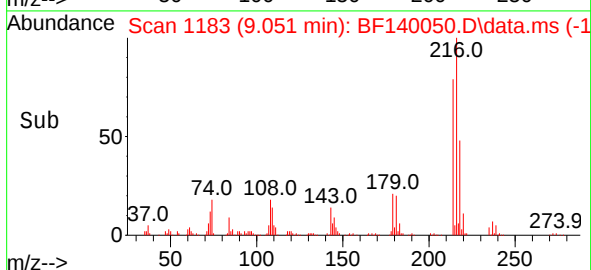
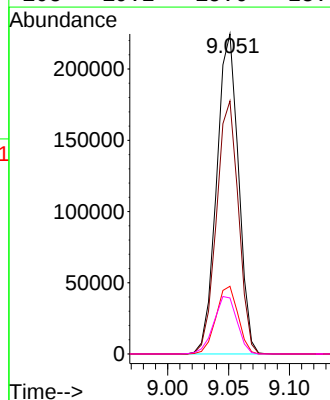
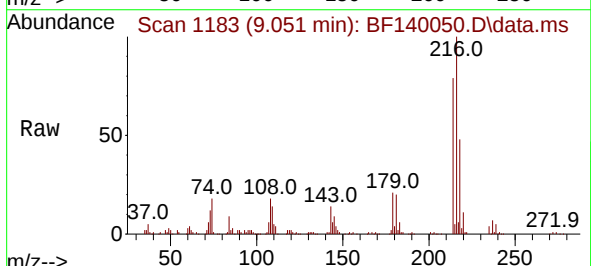
Ion Ratio Lower Upper

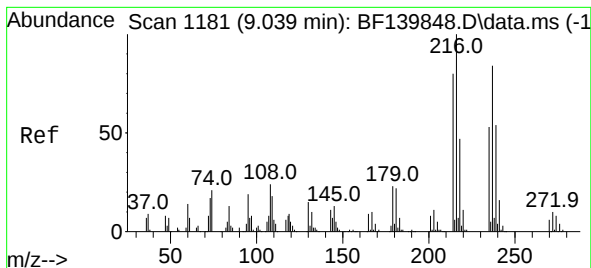
216 100

214 79.5 63.4 95.0

179 21.3 17.2 25.8

108 19.2 15.6 23.4





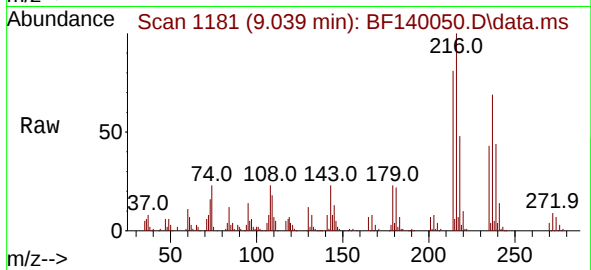
#41
Hexachlorocyclopentadiene
Concen: 40.599 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

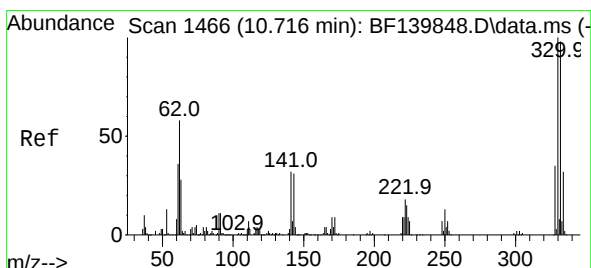
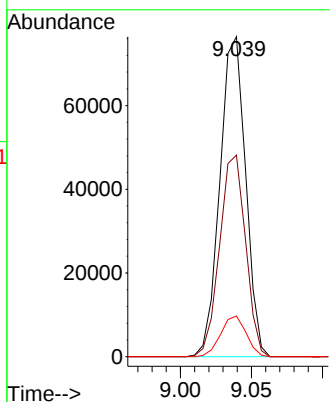
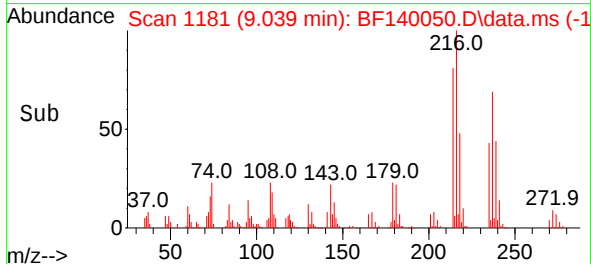


Tgt Ion:237 Resp: 96240
Ion Ratio Lower Upper
237 100
235 63.0 42.9 82.9
272 12.7 0.0 32.3

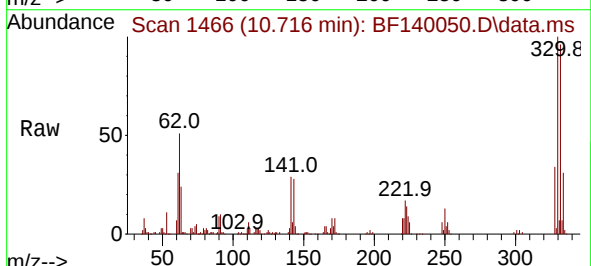
Manual Integrations

APPROVED

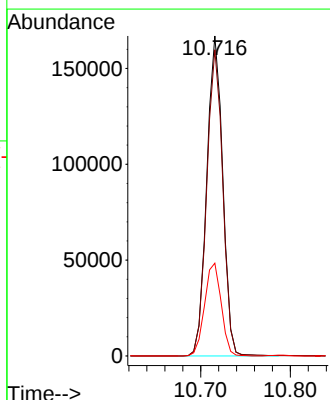
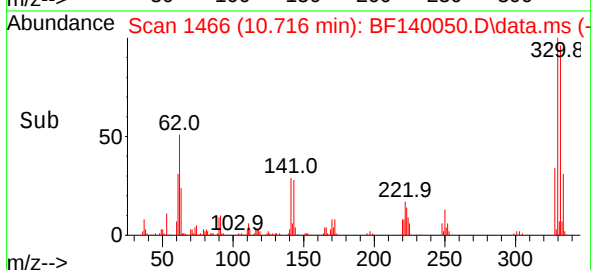
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

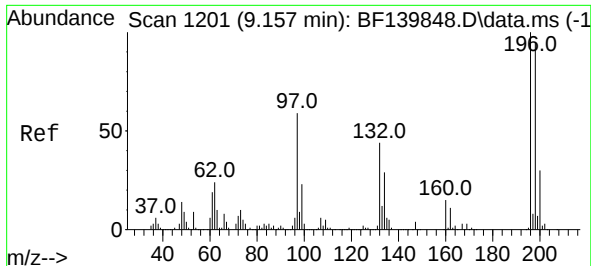


#42
2,4,6-Tribromophenol
Concen: 87.205 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38



Tgt Ion:330 Resp: 205981
Ion Ratio Lower Upper
330 100
332 96.1 78.1 117.1
141 30.3 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 39.204 ng

RT: 9.157 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 189094

Ion Ratio Lower Upper

196 100

198 94.9 76.2 114.2

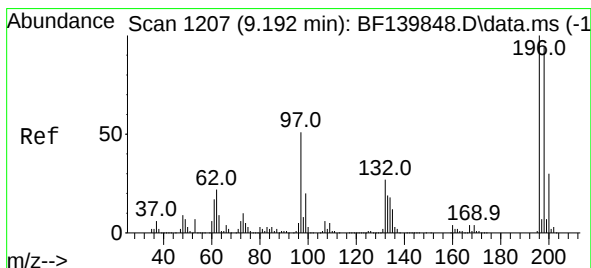
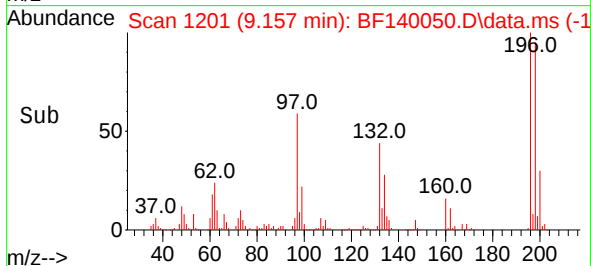
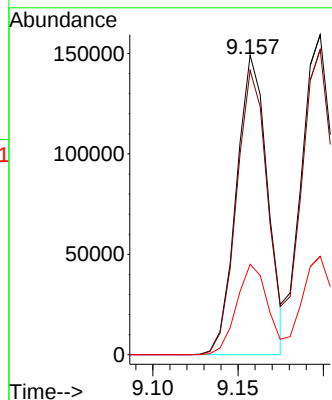
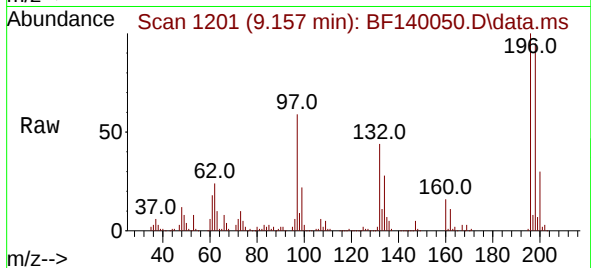
200 30.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#44

2,4,5-Trichlorophenol

Concen: 42.019 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Tgt Ion:196 Resp: 209100

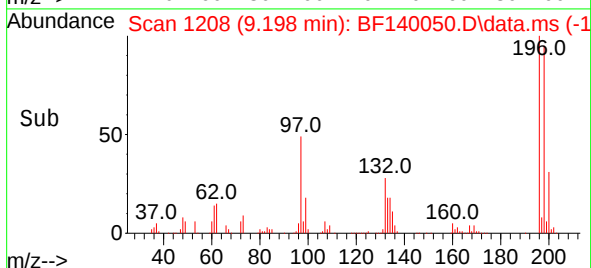
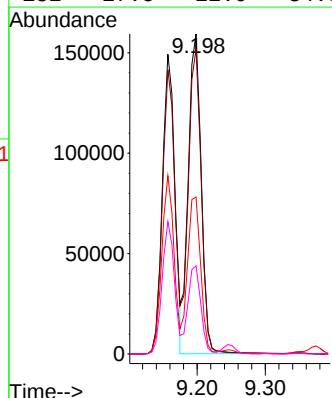
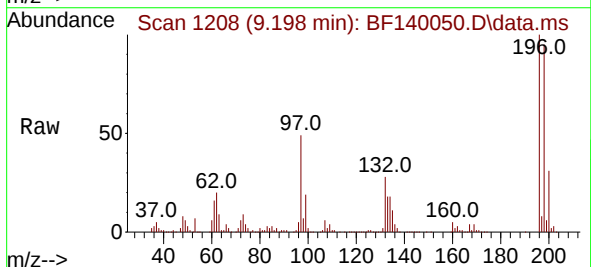
Ion Ratio Lower Upper

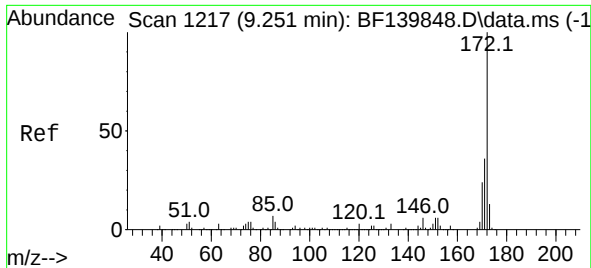
196 100

198 95.3 75.8 113.6

97 49.0 41.8 62.6

132 27.5 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 80.059 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1223250

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

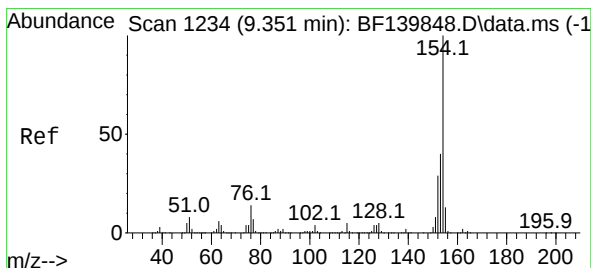
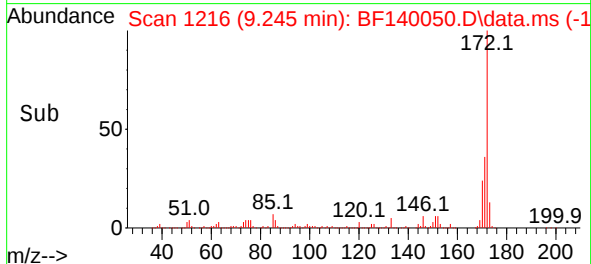
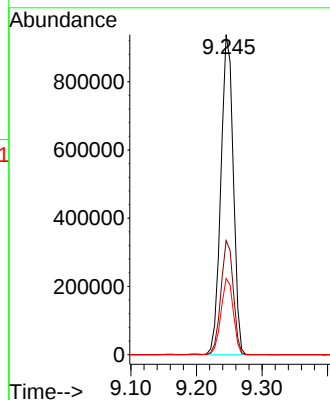
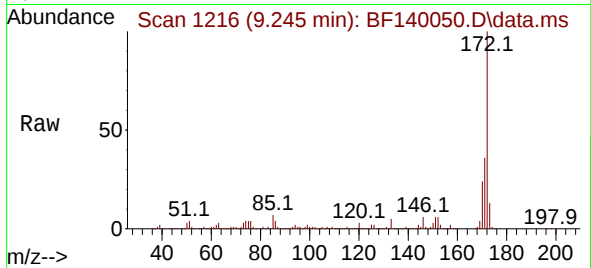
170 23.8 19.1 28.7

Manual Integrations

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#46

1,1'-Biphenyl

Concen: 39.976 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

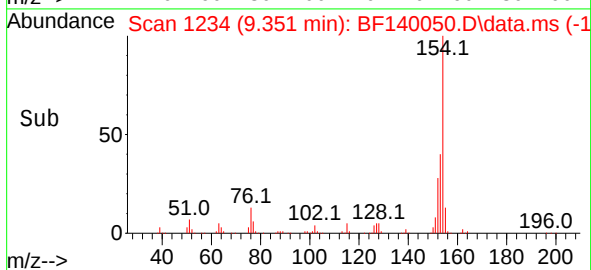
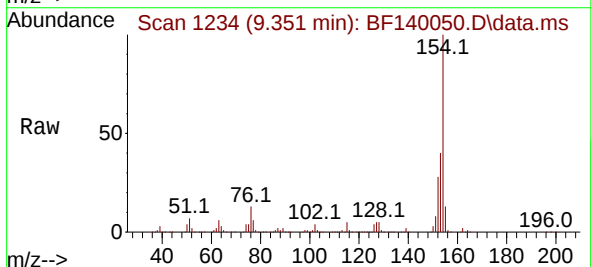
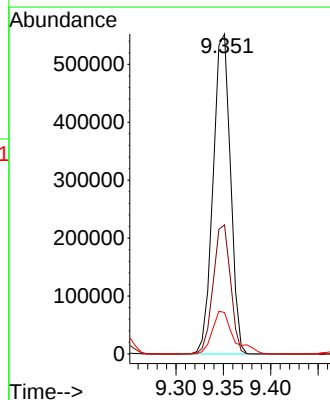
Tgt Ion:154 Resp: 702753

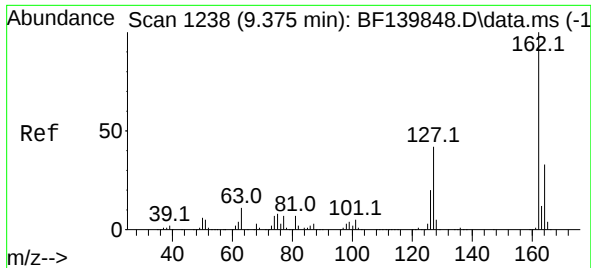
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 12.9 0.0 33.9





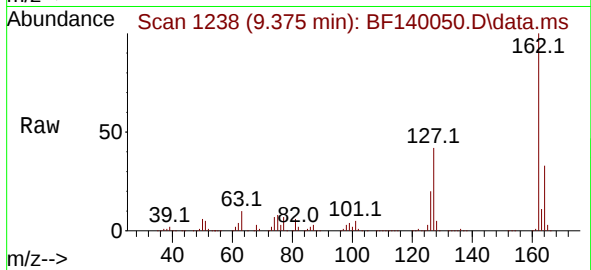
#47
2-Chloronaphthalene
Concen: 40.256 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



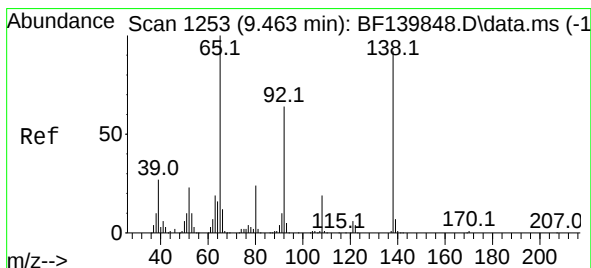
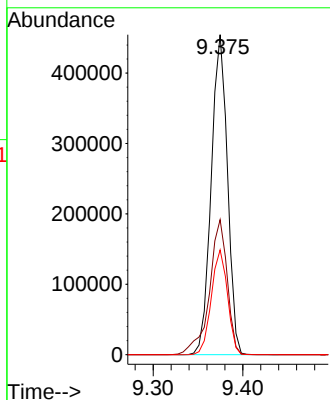
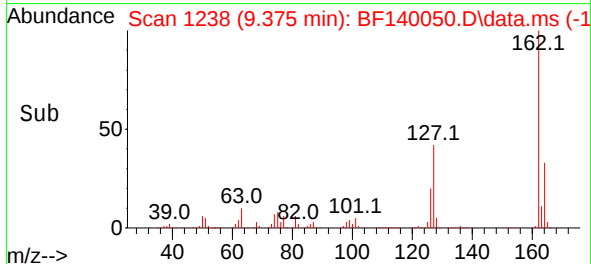
Tgt Ion:162 Resp: 569969
Ion Ratio Lower Upper
162 100
127 42.2 33.8 50.6
164 32.7 26.6 39.8

Manual Integrations

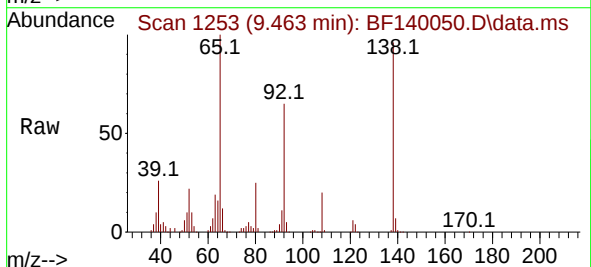
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

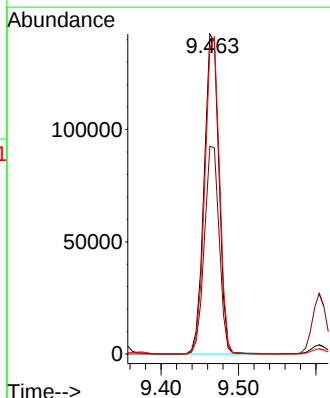
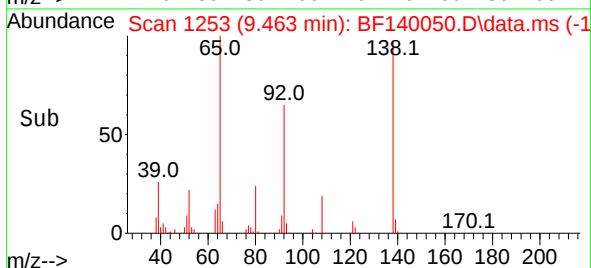
Supervised By :mohammad ahmed 10/29/2024

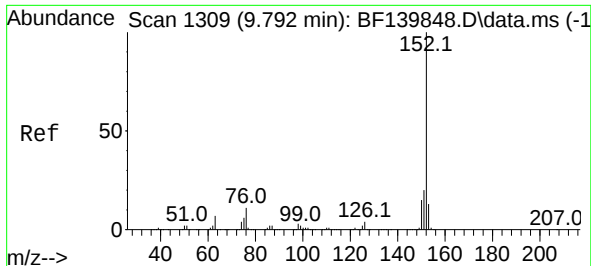


#48
2-Nitroaniline
Concen: 43.726 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38



Tgt Ion: 65 Resp: 189346
Ion Ratio Lower Upper
65 100
92 64.9 50.9 76.3
138 95.6 73.4 110.0





#49

Acenaphthylene

Concen: 40.178 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF140050.D

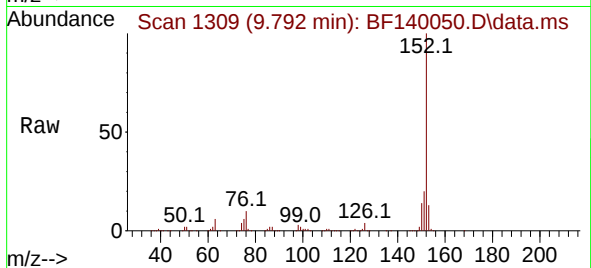
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



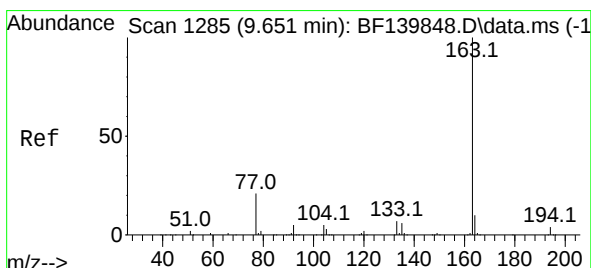
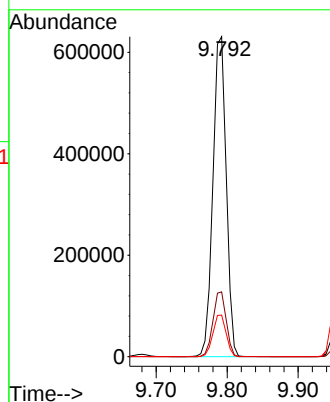
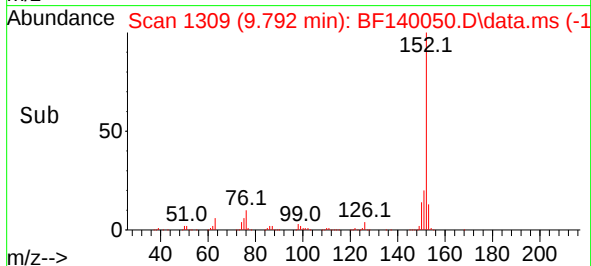
Tgt Ion:	152	Resp:	822402
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	13.0	10.7	16.1

Manual Integrations

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Supervised By :mohammad ahmed 10/29/2024



#50

Dimethylphthalate

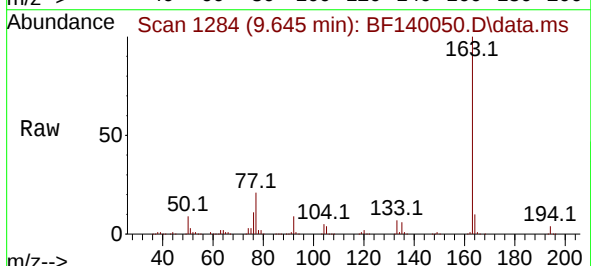
Concen: 39.467 ng

RT: 9.645 min Scan# 1284

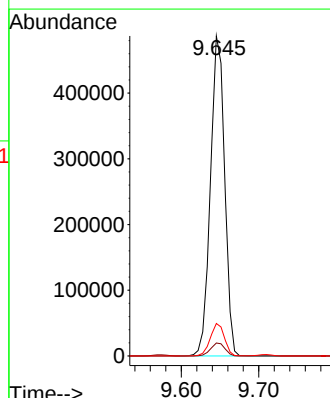
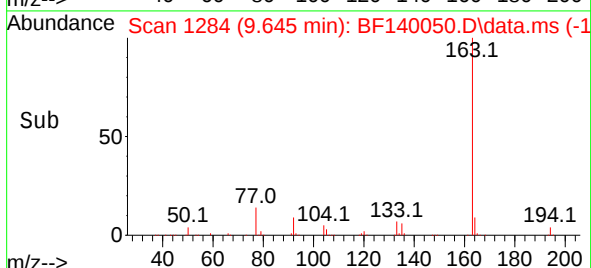
Delta R.T. -0.006 min

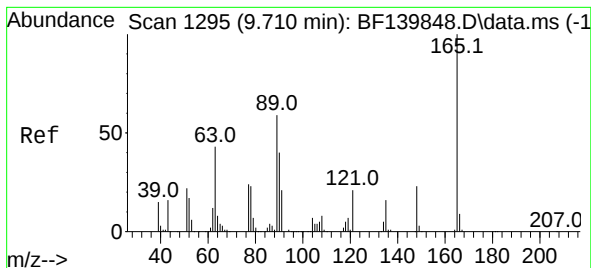
Lab File: BF140050.D

Acq: 26 Oct 2024 10:38



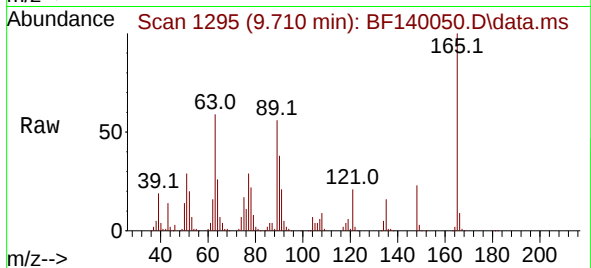
Tgt Ion:	163	Resp:	620788
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	10.1	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 43.043 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

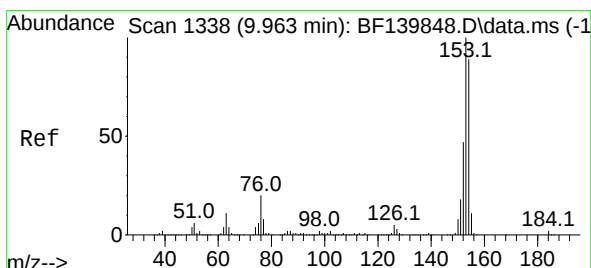
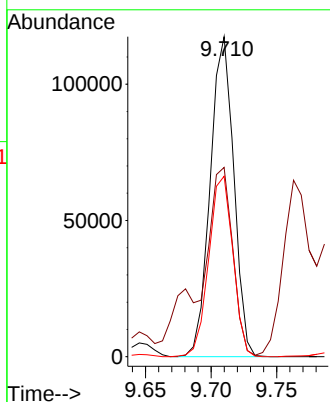
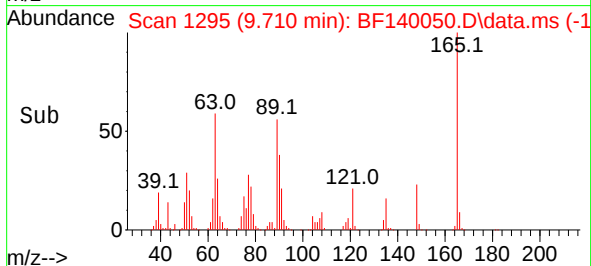
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 146590
Ion Ratio Lower Upper
165 100
63 59.2 50.6 75.8
89 56.4 47.5 71.3

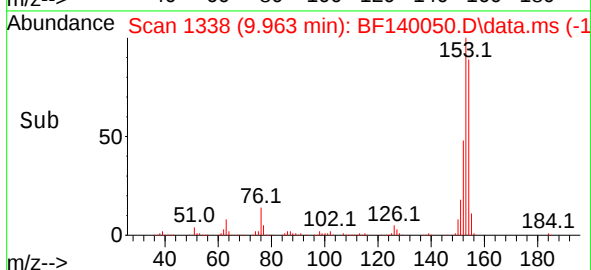
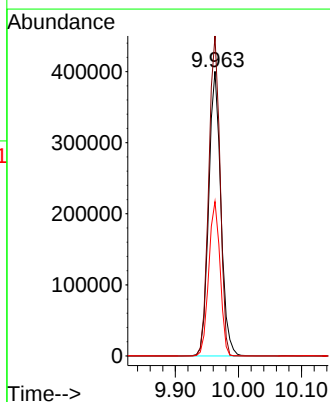
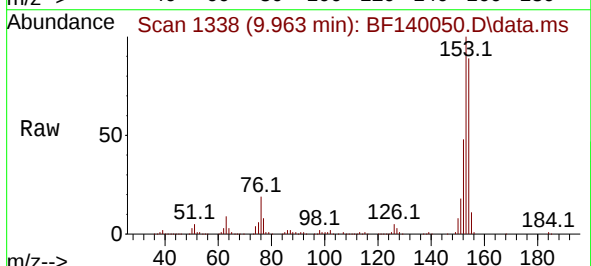
Manual Integrations
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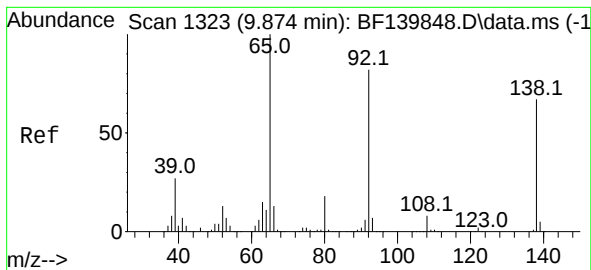
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#52
Acenaphthene
Concen: 40.337 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Tgt Ion:154 Resp: 534118
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.6
152 54.2 42.4 63.6





#53
3-Nitroaniline
Concen: 42.788 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

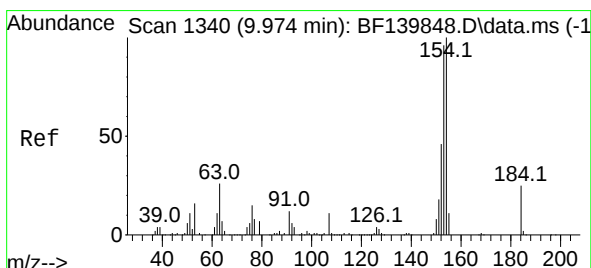
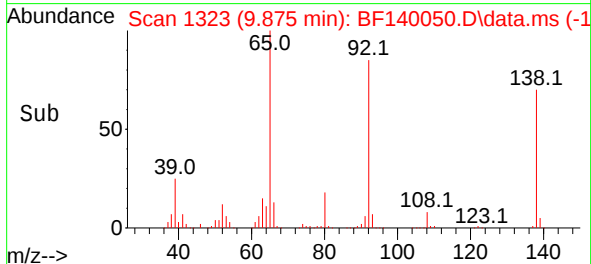
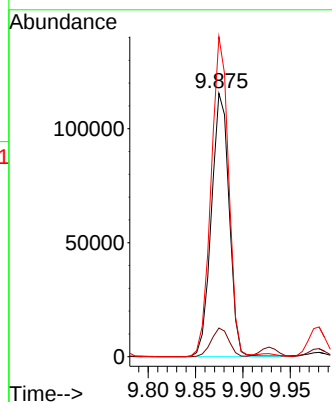
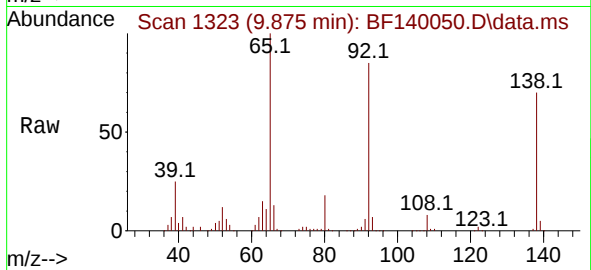
SSTDCCC040

Tgt Ion:138 Resp: 150273
Ion Ratio Lower Upper
138 100
108 10.9 10.2 15.2
92 121.5 98.3 147.5

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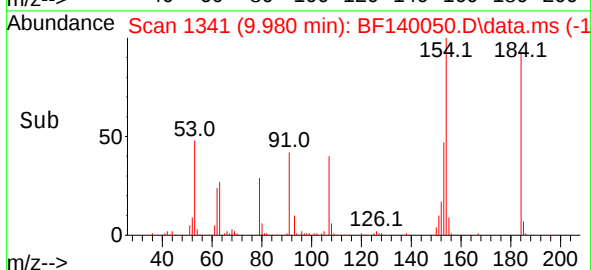
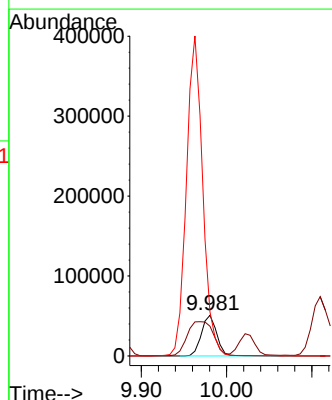
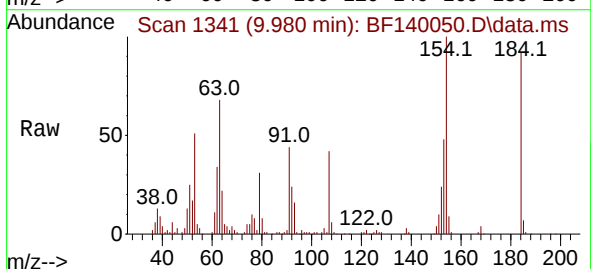
APPROVED

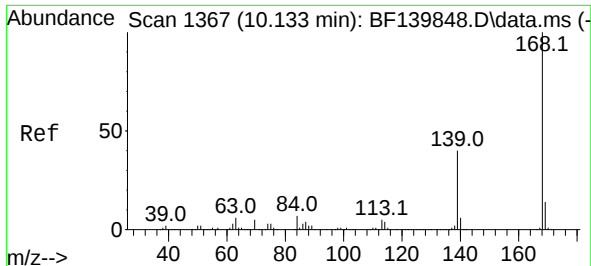
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#54
2,4-Dinitrophenol
Concen: 47.791 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

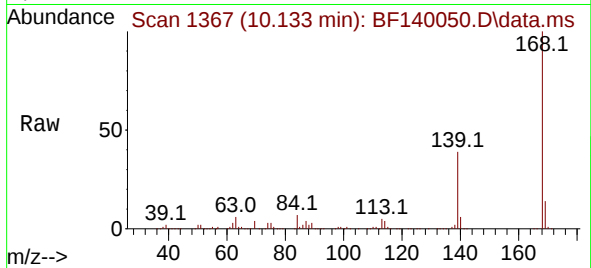
Tgt Ion:184 Resp: 63575
Ion Ratio Lower Upper
184 100
63 73.3 84.7 127.1#
154 108.4 338.2 507.2#





#55
Dibenzenofuran
Concen: 39.650 ng
RT: 10.133 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

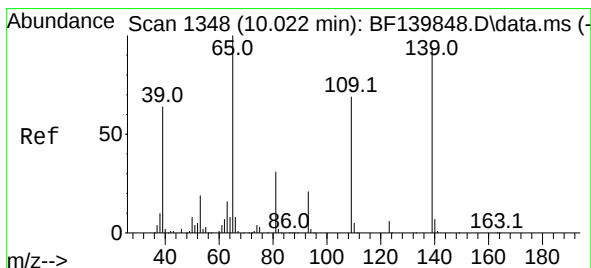
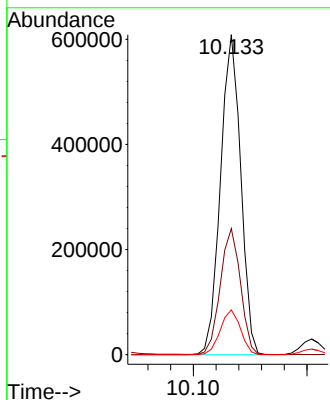
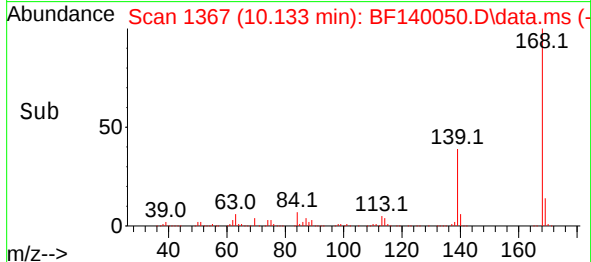
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



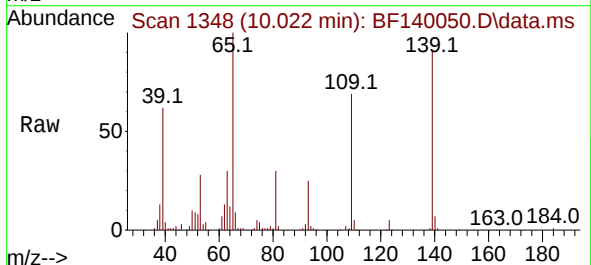
Tgt Ion:168 Resp: 753272
Ion Ratio Lower Upper
168 100
139 39.4 31.8 47.6
169 14.0 11.6 17.4

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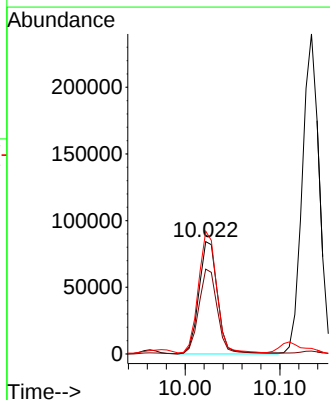
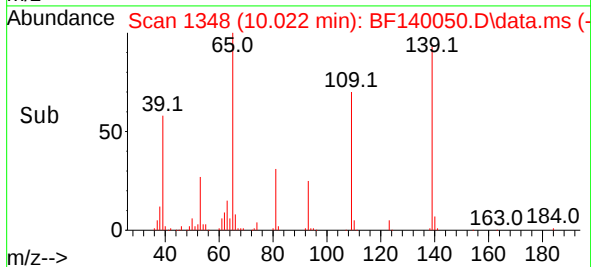
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

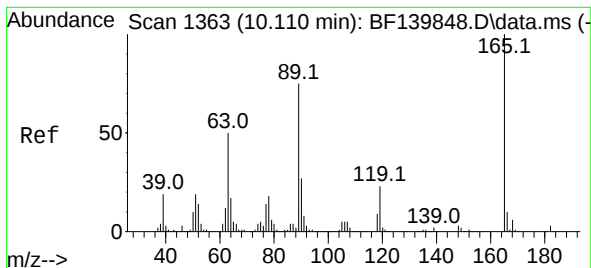


#56
4-Nitrophenol
Concen: 42.861 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38



Tgt Ion:139 Resp: 115811
Ion Ratio Lower Upper
139 100
109 75.6 53.6 93.6
65 109.4 87.8 127.8





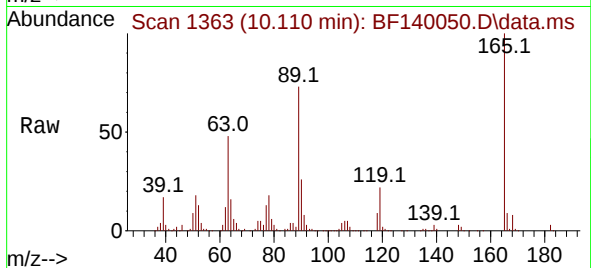
#57
2,4-Dinitrotoluene
Concen: 46.215 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

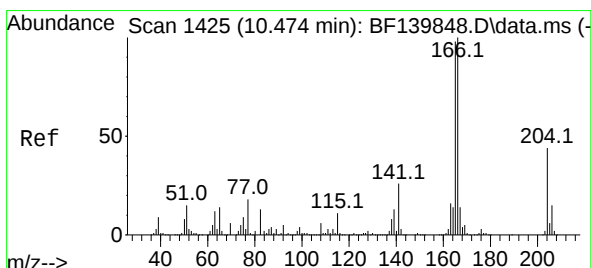
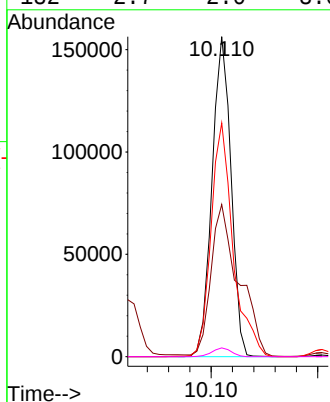
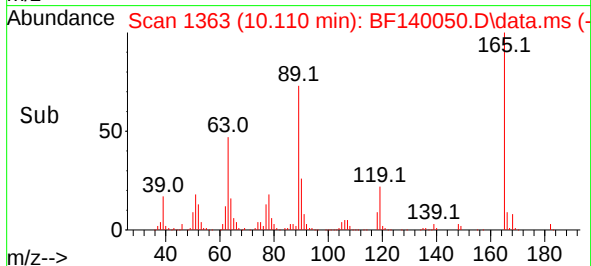


Tgt Ion:165 Resp: 193550
Ion Ratio Lower Upper
165 100
63 47.6 40.1 60.1
89 73.1 60.4 90.6
182 2.7 2.0 3.0

Manual Integrations

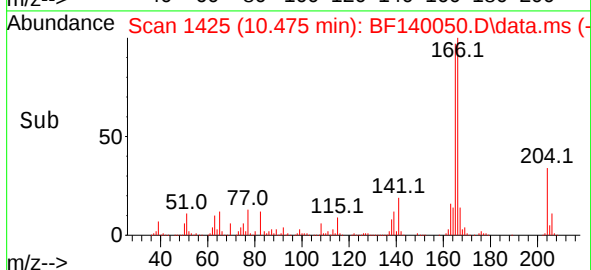
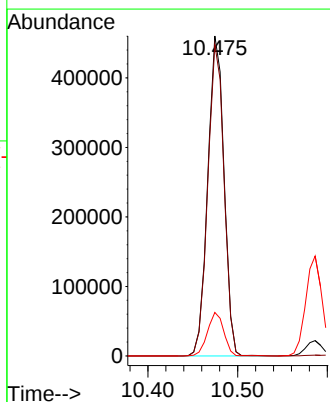
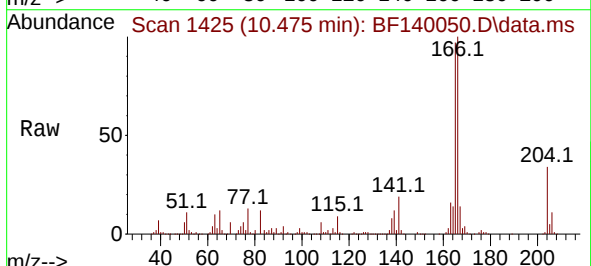
APPROVED

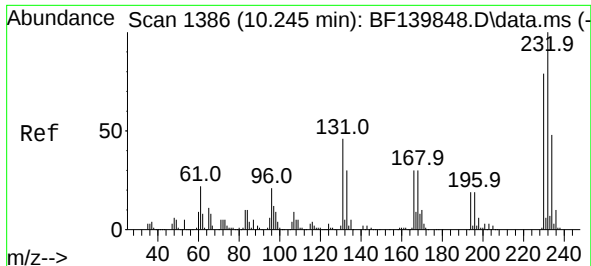
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#58
Fluorene
Concen: 40.101 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

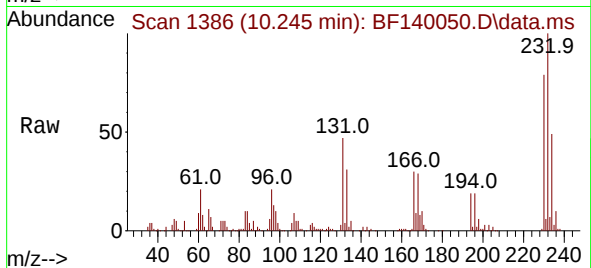
Tgt Ion:166 Resp: 580262
Ion Ratio Lower Upper
166 100
165 97.3 78.5 117.7
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.748 ng
RT: 10.245 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

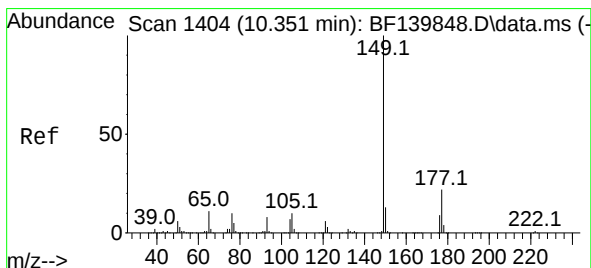
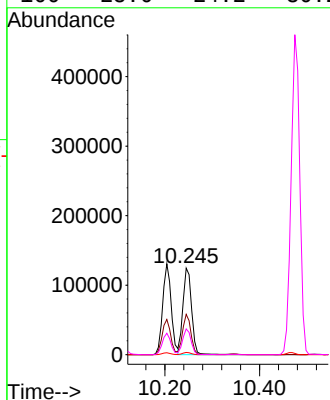
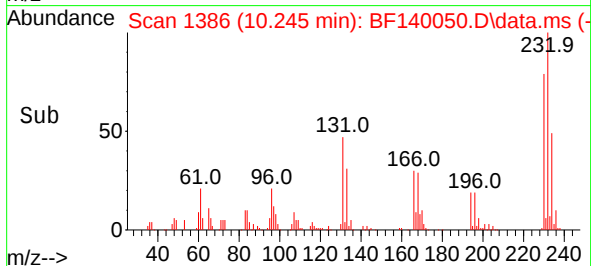
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



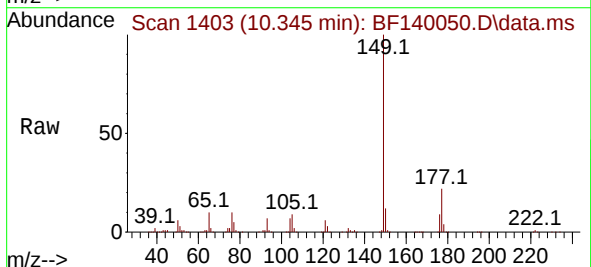
Tgt Ion:232 Resp: 158961
Ion Ratio Lower Upper
232 100
131 45.4 37.0 55.6
130 2.6 1.9 2.9
166 28.6 24.2 36.2

Manual Integrations
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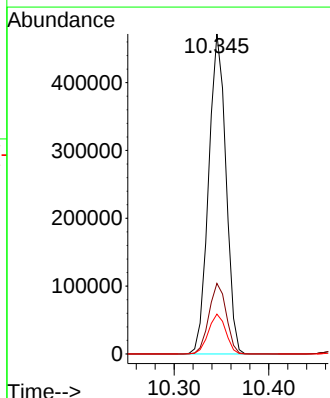
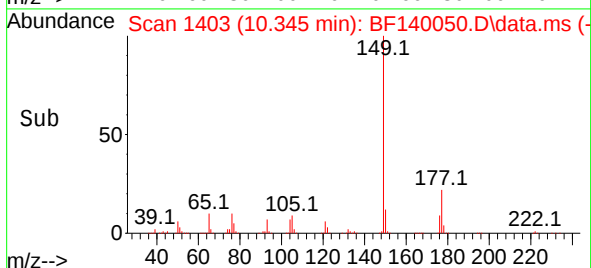
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

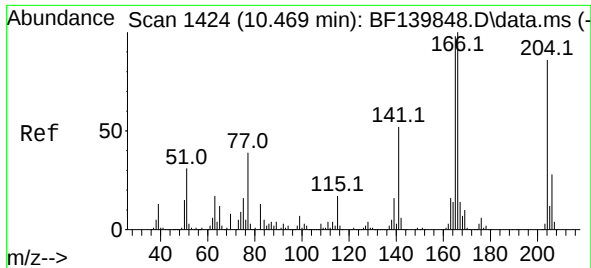


#60
Diethylphthalate
Concen: 38.622 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38



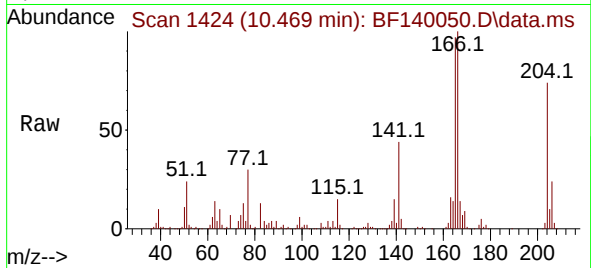
Tgt Ion:149 Resp: 596467
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.136 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

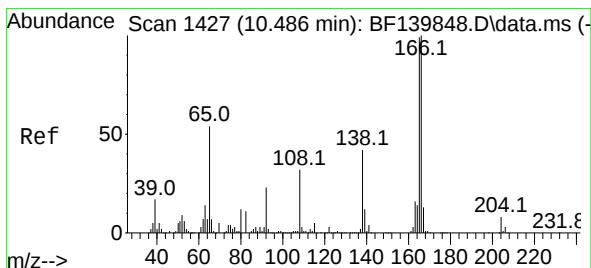
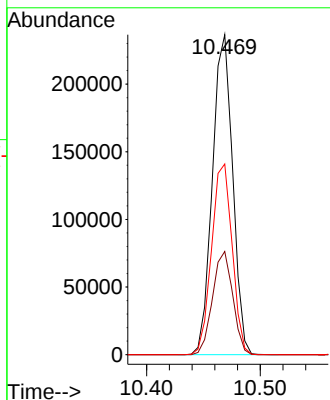
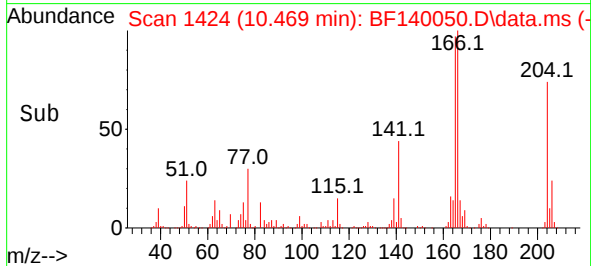
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



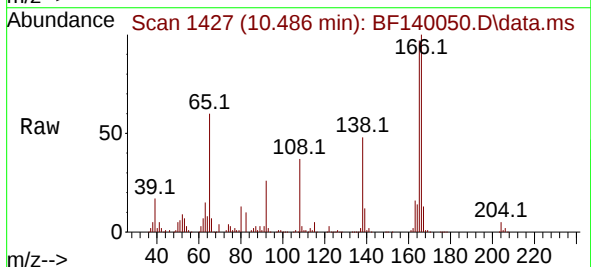
Tgt Ion:204 Resp: 293294
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 59.6 48.6 73.0

Manual Integrations
APPROVED

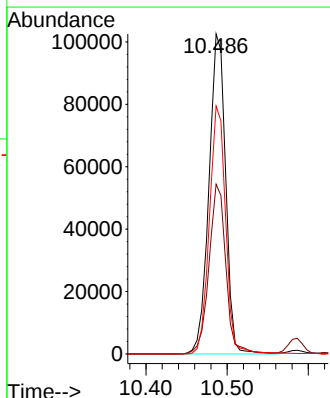
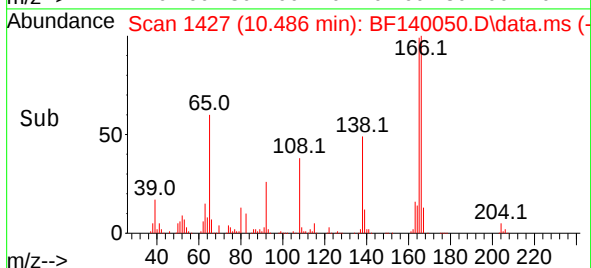
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

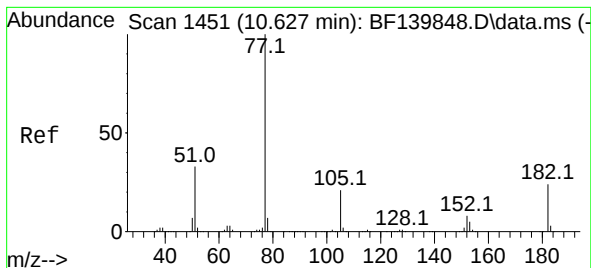


#62
4-Nitroaniline
Concen: 44.006 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38



Tgt Ion:138 Resp: 145969
Ion Ratio Lower Upper
138 100
92 53.0 35.7 75.7
108 77.5 57.5 97.5





#63

Azobenzene

Concen: 36.919 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 604460

Ion Ratio Lower Upper

77 100

182 25.6 3.3 43.3

105 21.9 1.2 41.2

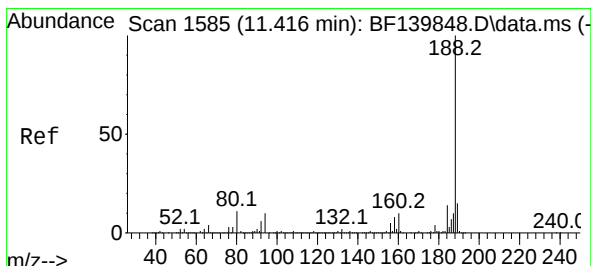
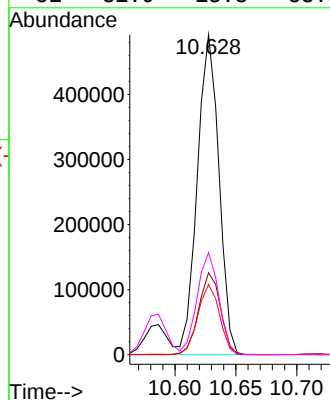
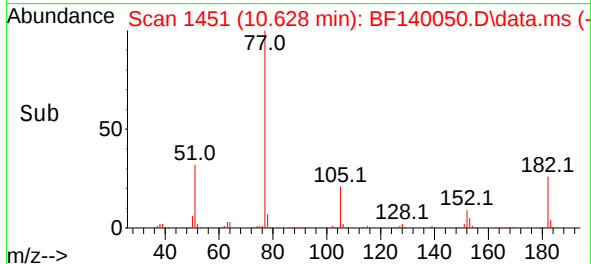
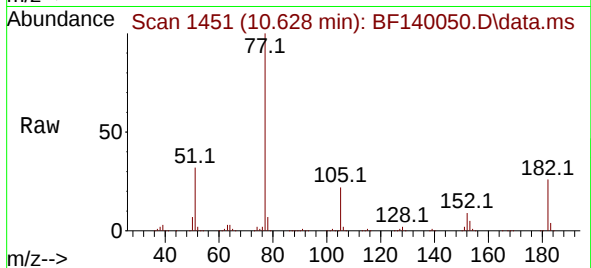
51 31.9 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

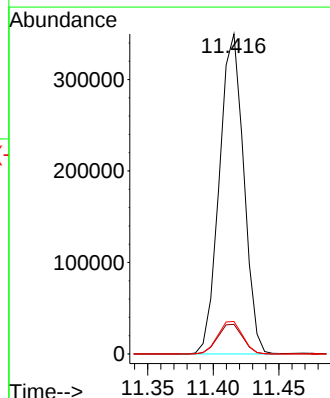
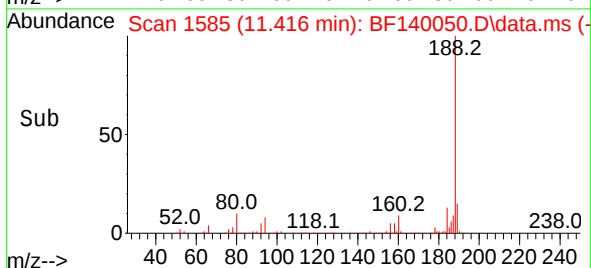
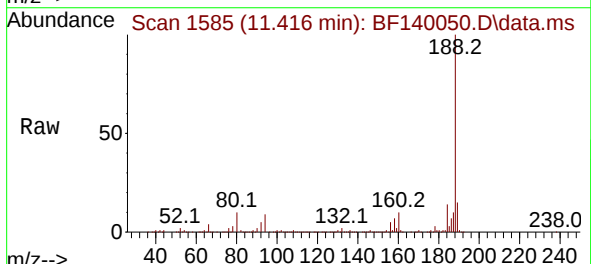
Tgt Ion:188 Resp: 452033

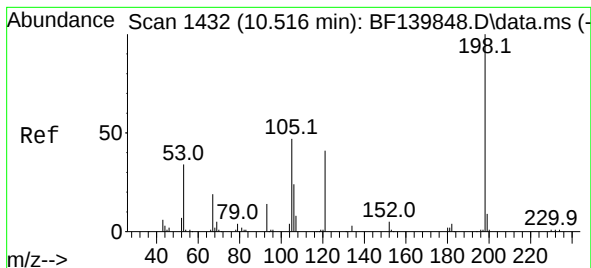
Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 10.1 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.213 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

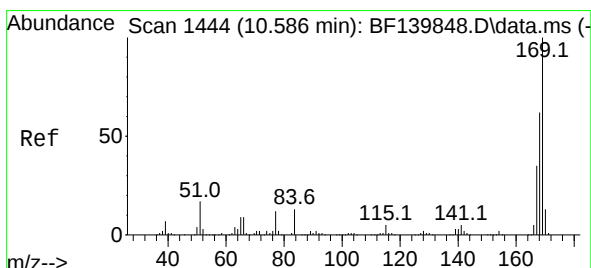
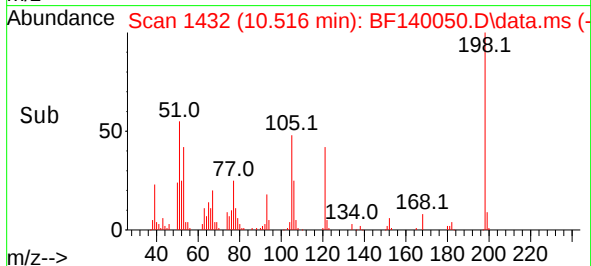
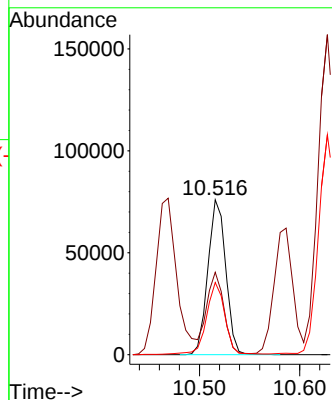
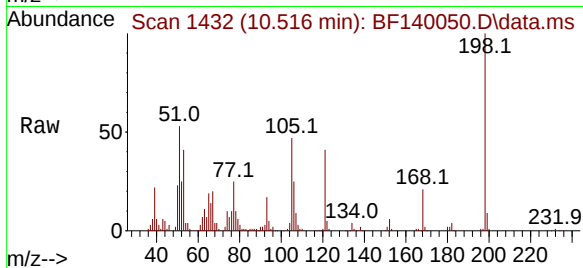
SSTDCCC040

Tgt Ion:198 Resp: 94428
Ion Ratio Lower Upper
198 100
51 53.2 38.2 78.2
105 46.5 27.9 67.9

Manual Integrations

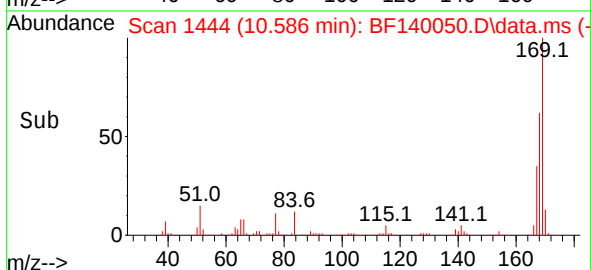
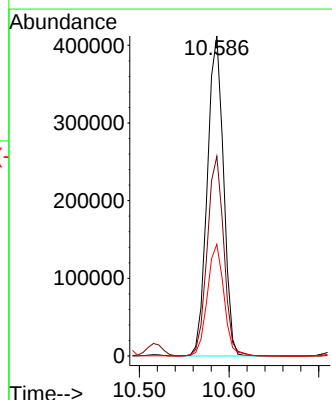
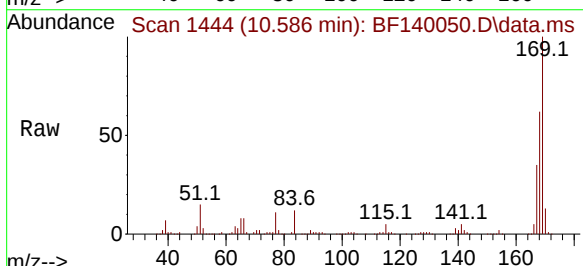
APPROVED

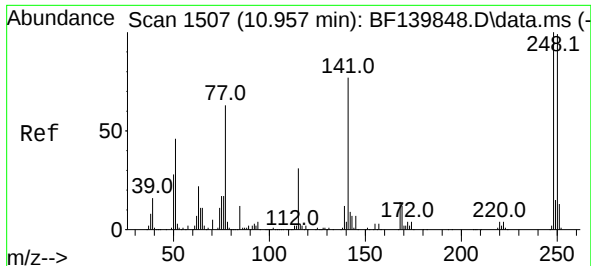
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#66
n-Nitrosodiphenylamine
Concen: 38.193 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Tgt Ion:169 Resp: 516725
Ion Ratio Lower Upper
169 100
168 62.4 49.8 74.6
167 34.9 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 39.222 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

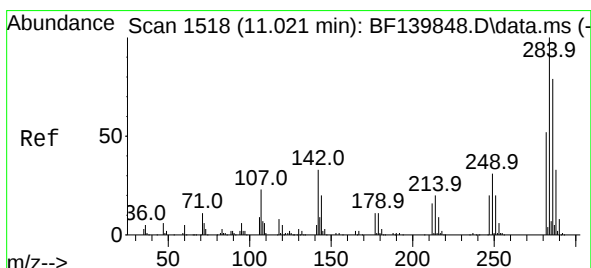
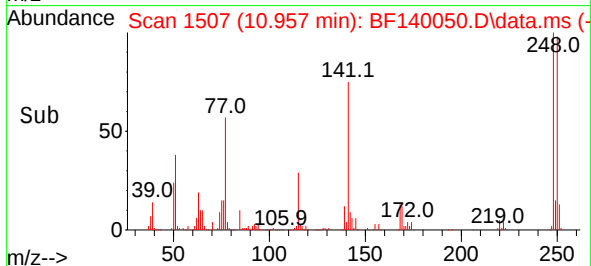
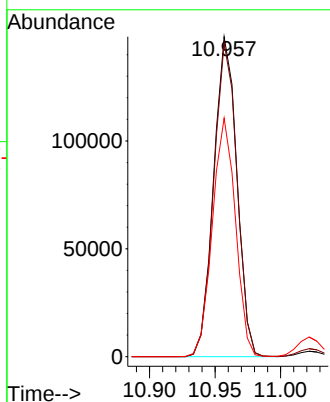
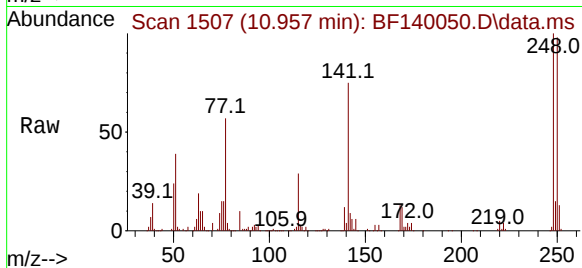
SSTDCCC040

Tgt Ion:248 Resp: 18265
Ion Ratio Lower Upper
248 100
250 97.9 79.0 118.6
141 74.5 61.7 92.5

Manual Integrations

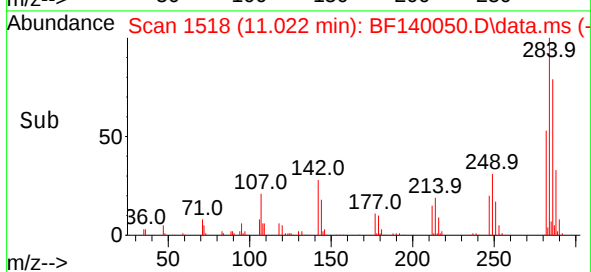
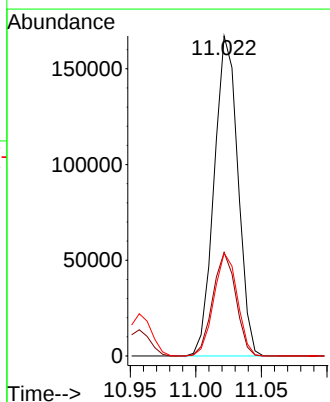
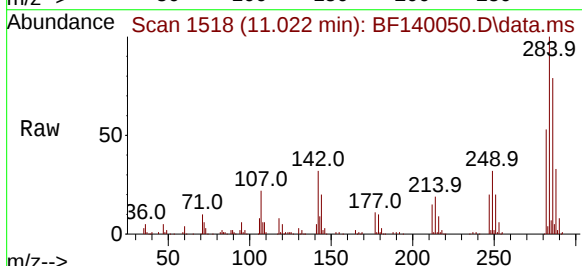
APPROVED

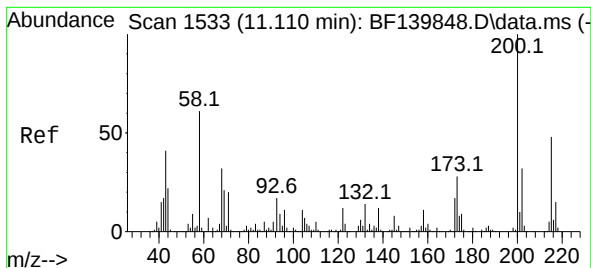
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#68
Hexachlorobenzene
Concen: 40.149 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Tgt Ion:284 Resp: 210271
Ion Ratio Lower Upper
284 100
142 32.4 26.9 40.3
249 32.2 25.3 37.9





#69

Atrazine

Concen: 38.590 ng

RT: 11.110 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

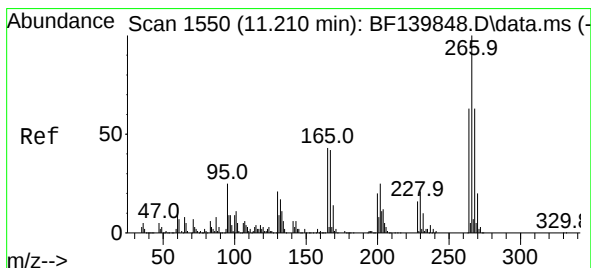
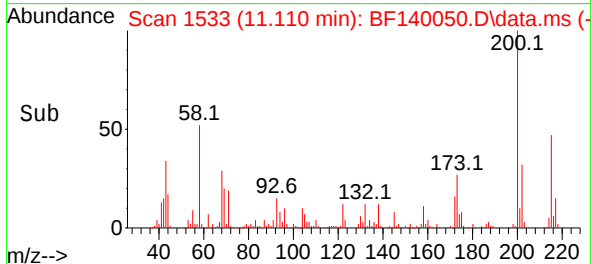
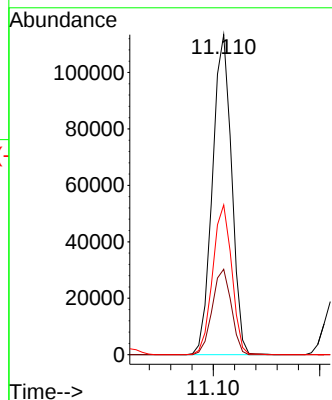
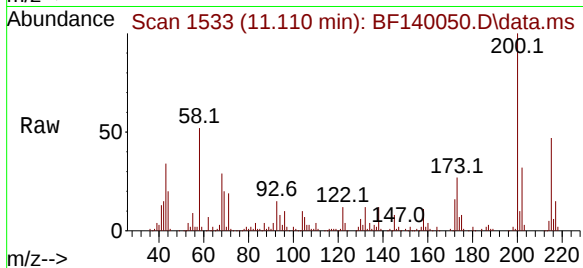
Tgt Ion:200 Resp: 14142
 Ion Ratio Lower Upper
 200 100
 173 26.7 7.7 47.7
 215 46.8 27.7 67.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#70

Pentachlorophenol

Concen: 43.242 ng

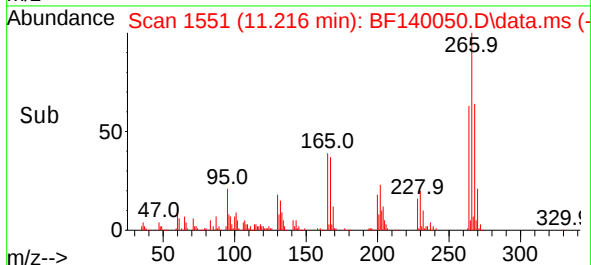
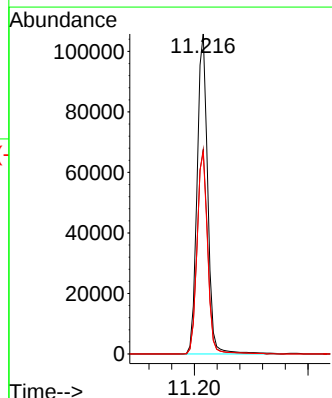
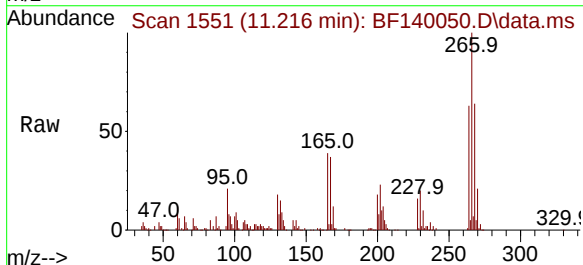
RT: 11.216 min Scan# 1551

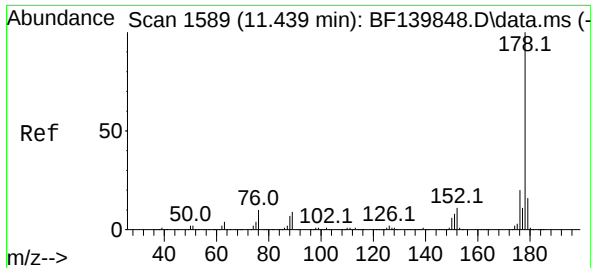
Delta R.T. 0.006 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

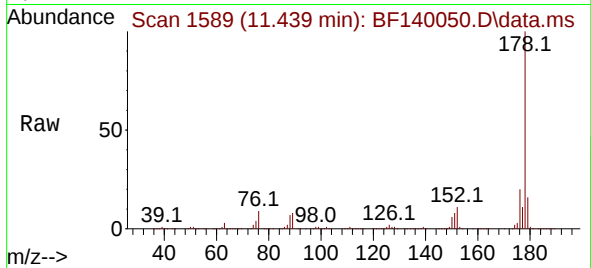
Tgt Ion:266 Resp: 137449
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.4 75.6
 264 63.1 50.6 75.8





#71
Phenanthrene
Concen: 38.651 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

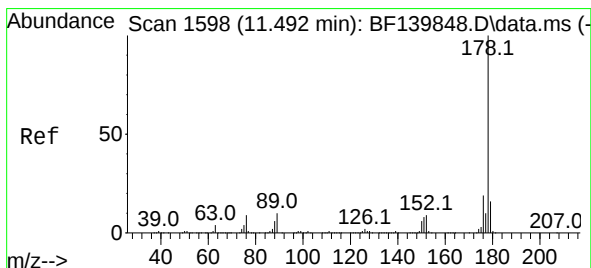
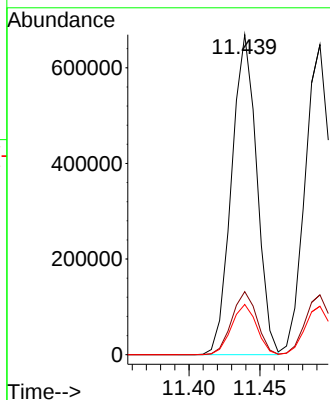
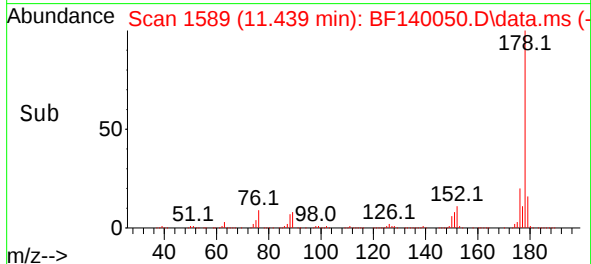
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



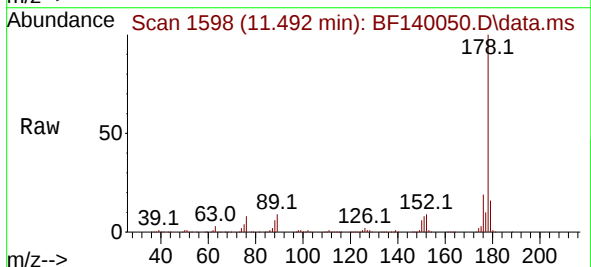
Tgt Ion:178 Resp: 825274
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.7 12.6 18.8

Manual Integrations
APPROVED

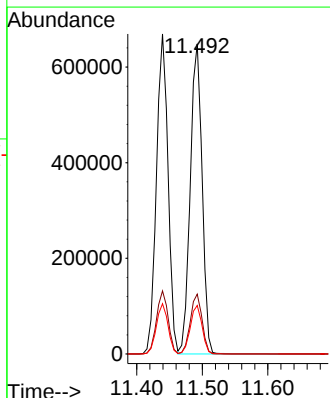
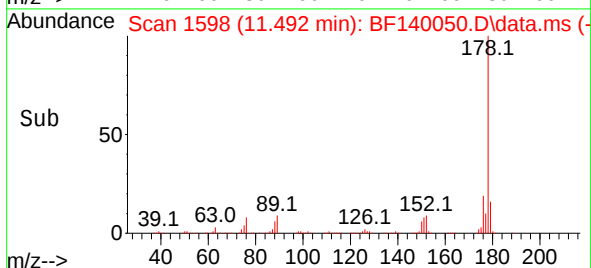
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

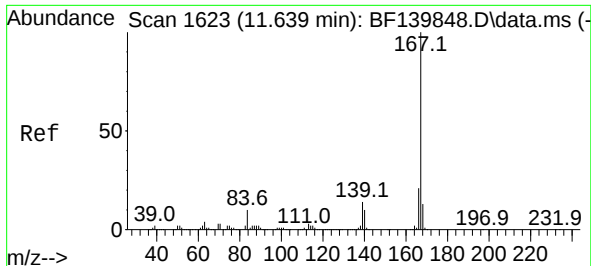


#72
Anthracene
Concen: 39.105 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38



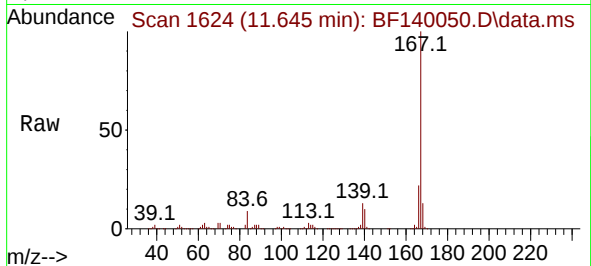
Tgt Ion:178 Resp: 814682
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 38.824 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF140050.D
 Acq: 26 Oct 2024 10:38

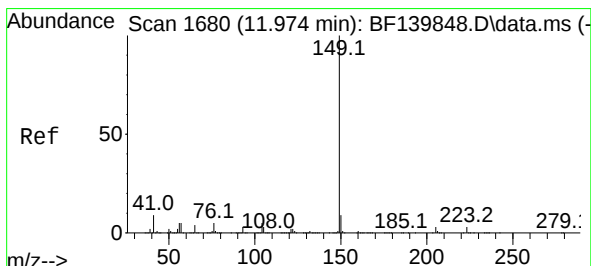
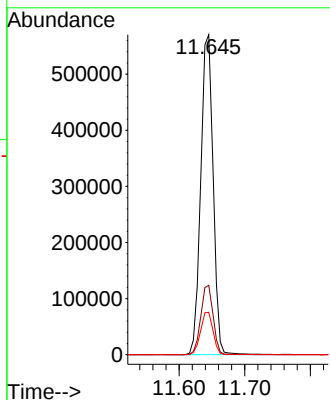
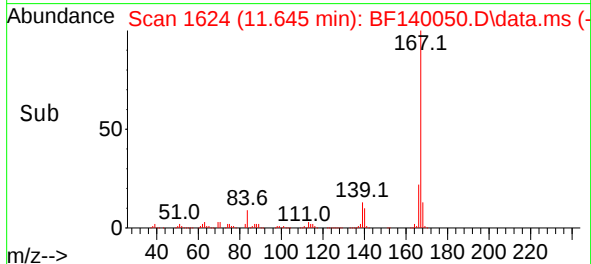
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



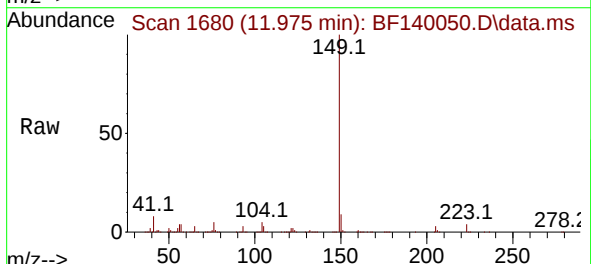
Tgt Ion:167 Resp: 752228
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.3 10.8 16.2

Manual Integrations
 APPROVED

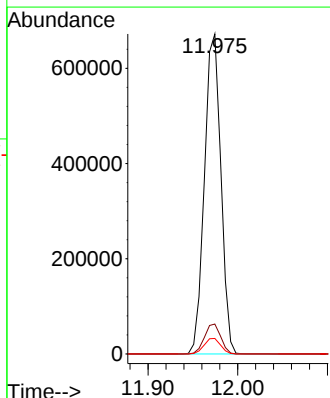
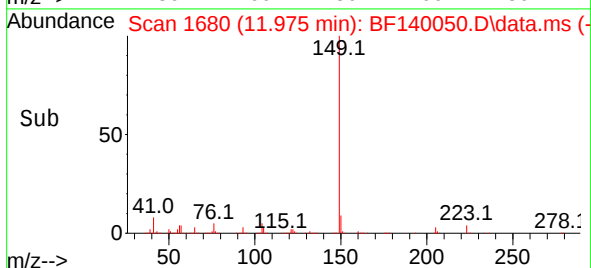
Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/29/2024

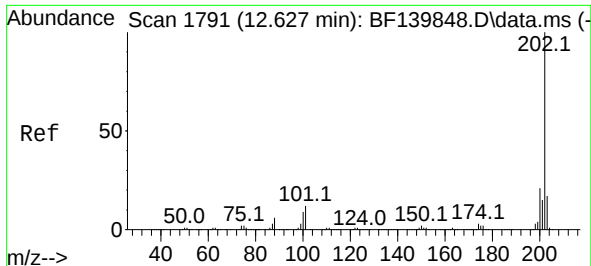


#74
 Di-n-butylphthalate
 Concen: 38.208 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF140050.D
 Acq: 26 Oct 2024 10:38



Tgt Ion:149 Resp: 855272
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.8 4.1 6.1





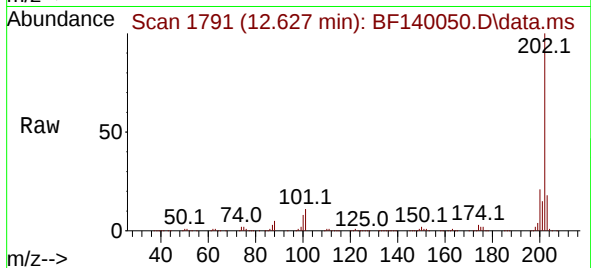
#75
Fluoranthene
Concen: 40.418 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



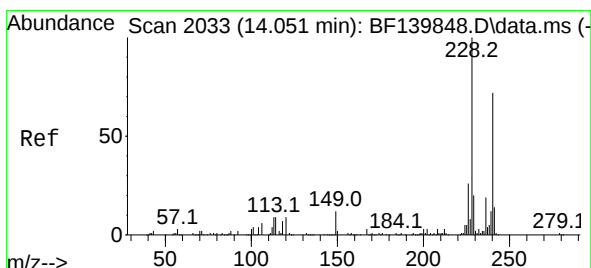
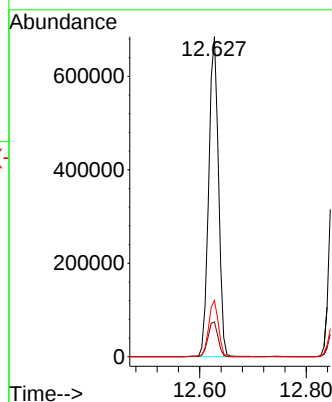
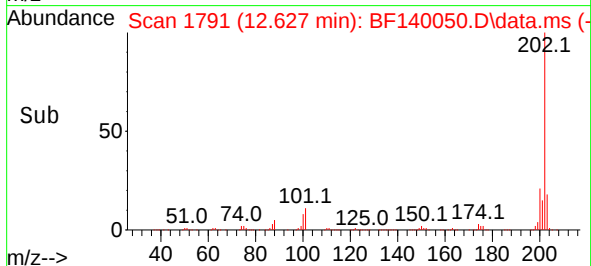
Tgt Ion:202 Resp: 872424
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.9
203 17.5 0.0 37.5

Manual Integrations

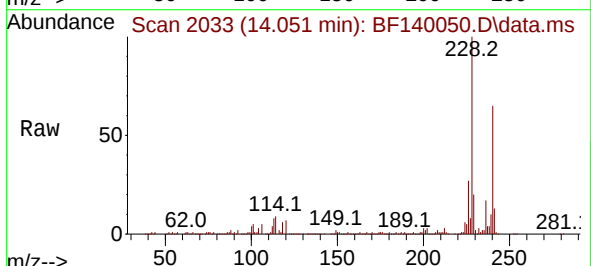
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

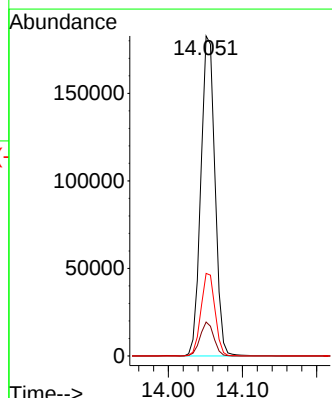
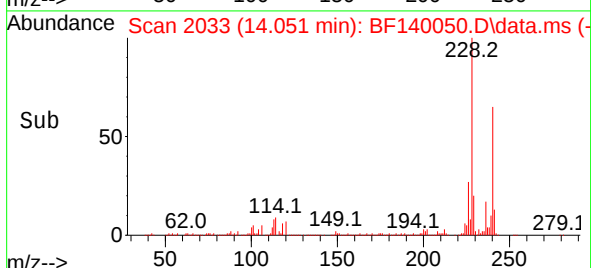
Supervised By :mohammad ahmed 10/29/2024

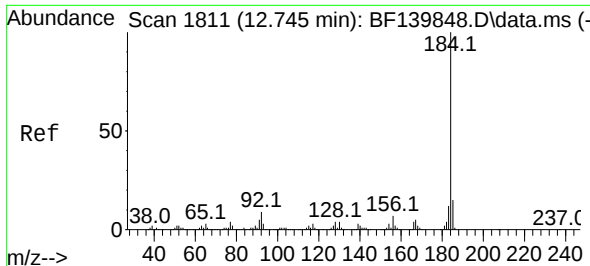


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38



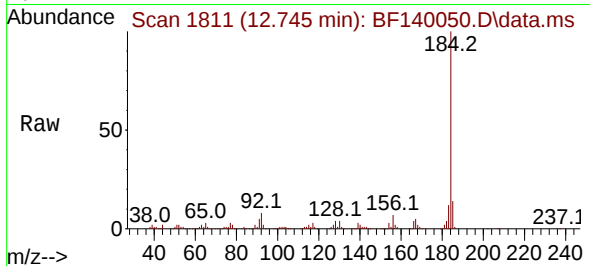
Tgt Ion:240 Resp: 241717
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 25.8 20.9 31.3





#77
Benzidine
Concen: 54.904 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

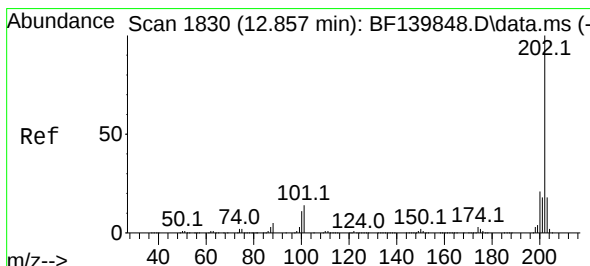
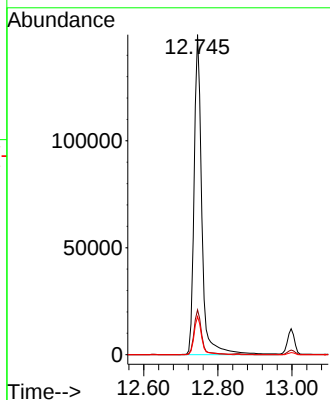
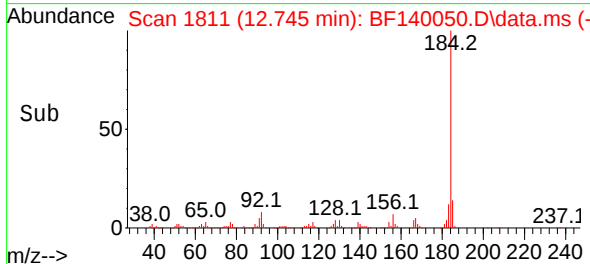
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



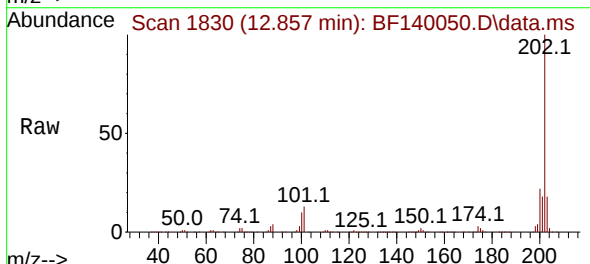
Tgt Ion:184 Resp: 218224
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 11.9 9.4 14.2

Manual Integrations
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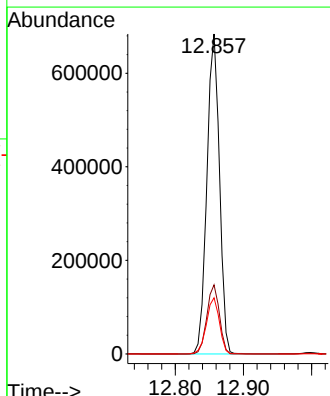
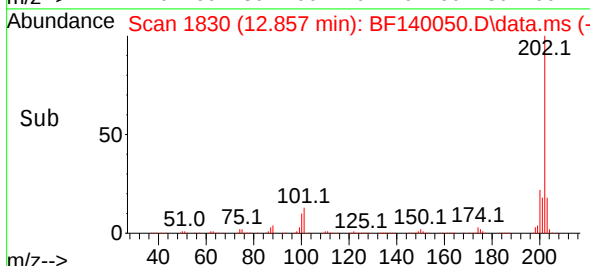
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

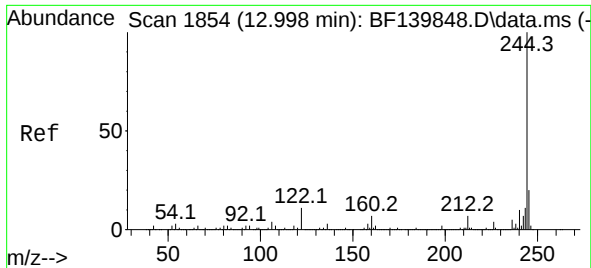


#78
Pyrene
Concen: 41.378 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38



Tgt Ion:202 Resp: 875493
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.5 14.2 21.4





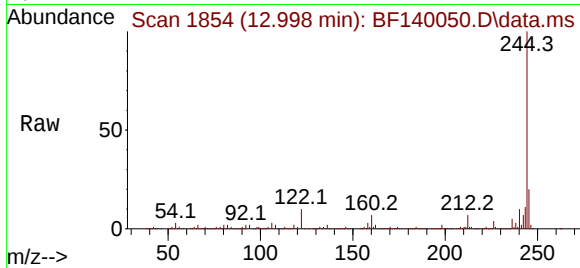
#79
 Terphenyl-d14
 Concen: 81.965 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140050.D
 Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



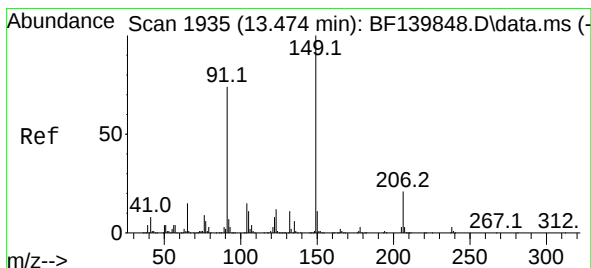
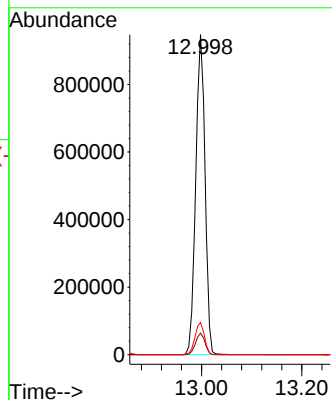
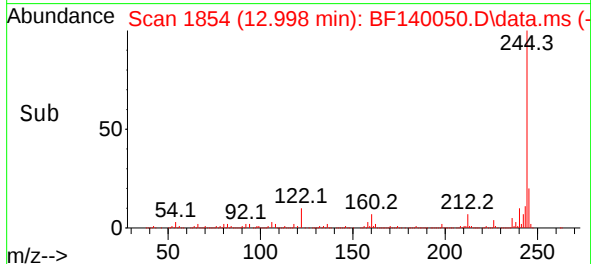
Tgt Ion:244 Resp: 121586
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.0 8.6 13.0

Manual Integrations

APPROVED

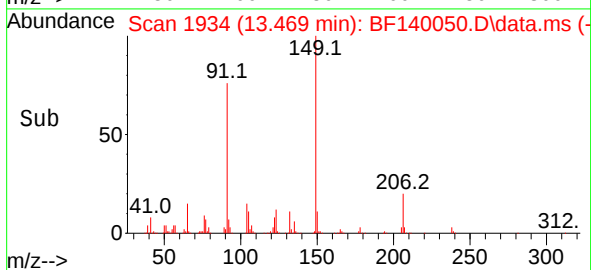
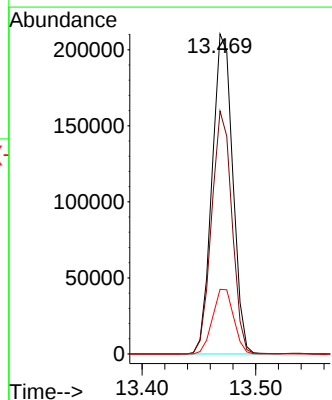
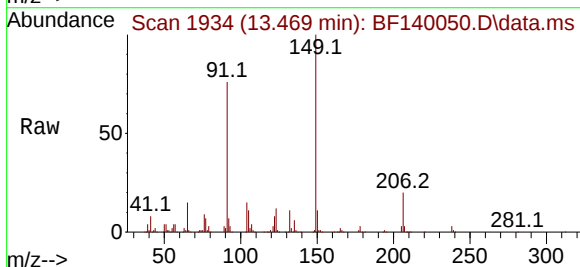
Reviewed By :Yogesh Patel 10/29/2024

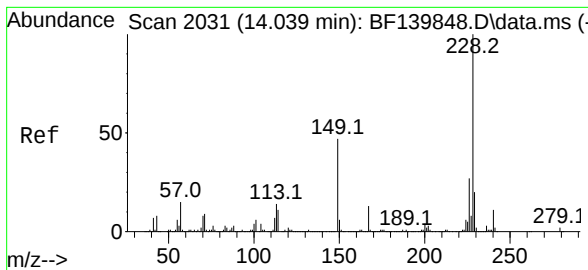
Supervised By :mohammad ahmed 10/29/2024



#80
 Butylbenzylphthalate
 Concen: 41.996 ng
 RT: 13.469 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF140050.D
 Acq: 26 Oct 2024 10:38

Tgt Ion:149 Resp: 266392
 Ion Ratio Lower Upper
 149 100
 91 75.9 59.4 89.2
 206 20.2 16.4 24.6





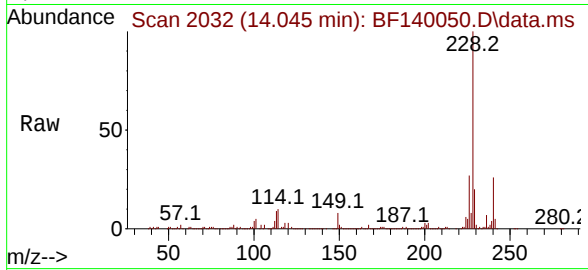
#81
Benzo(a)anthracene
Concen: 40.293 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



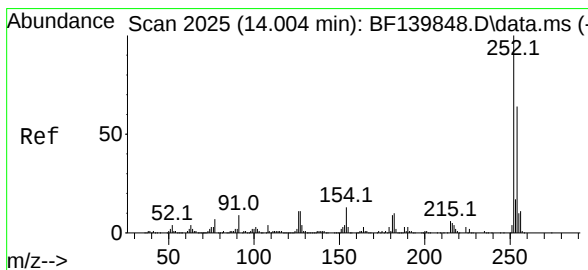
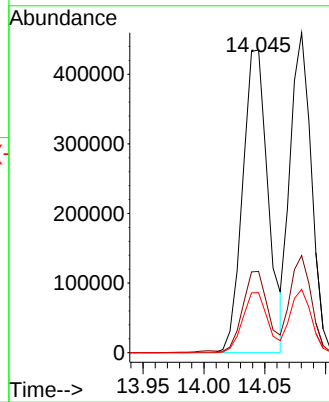
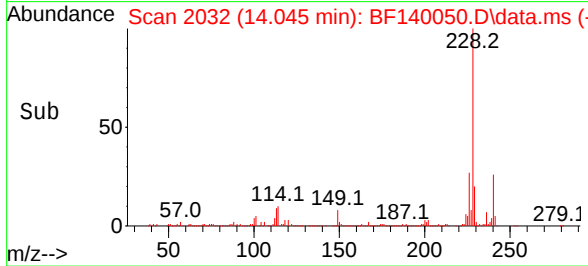
Tgt Ion:228 Resp: 634008
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.8 16.1 24.1

Manual Integrations

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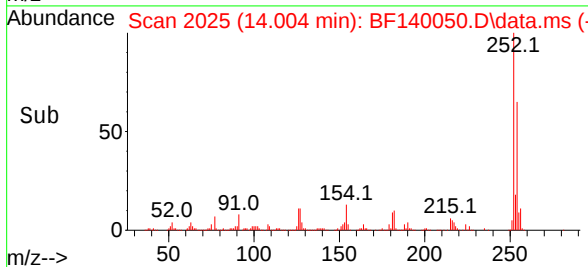
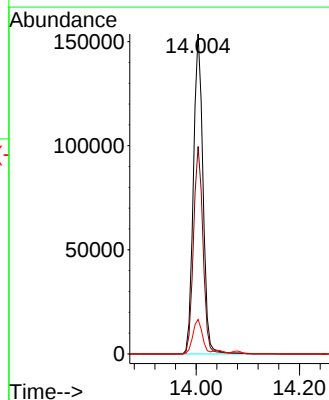
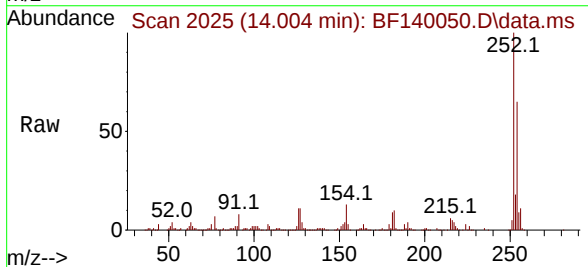
Reviewed By :Yogesh Patel 10/29/2024

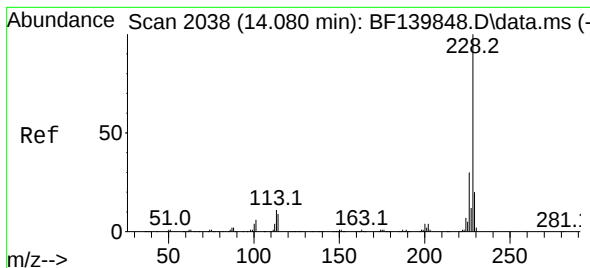
Supervised By :mohammad ahmed 10/29/2024



#82
3,3'-Dichlorobenzidine
Concen: 43.096 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Tgt Ion:252 Resp: 197714
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 10.8 8.9 13.3





#83

Chrysene

Concen: 38.784 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 55954

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

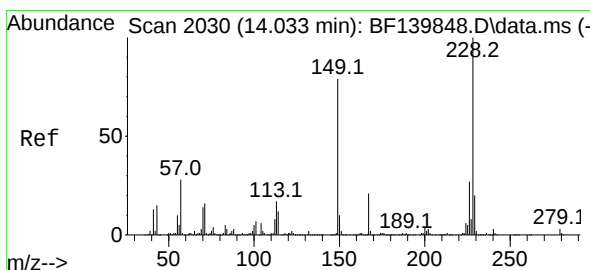
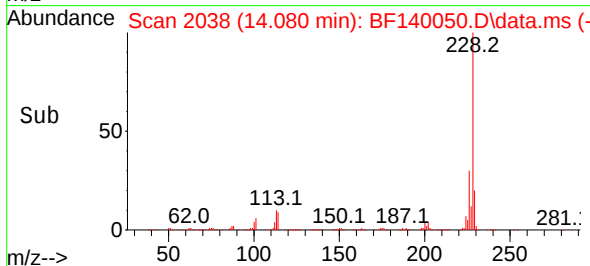
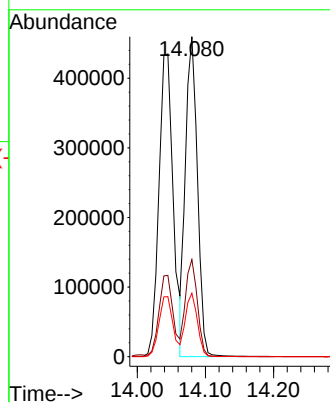
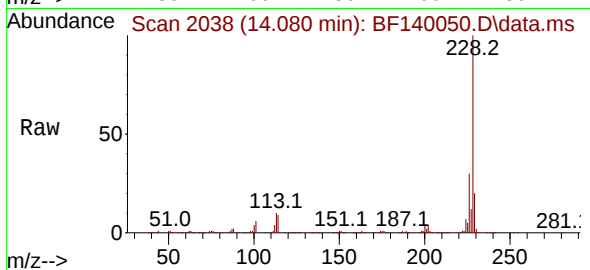
229 19.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.182 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

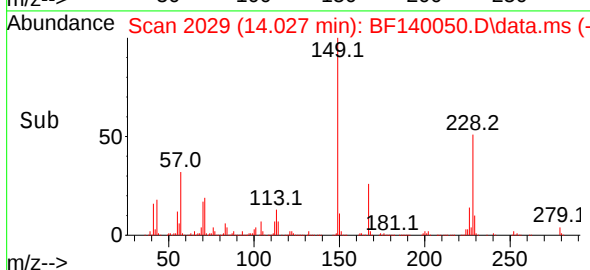
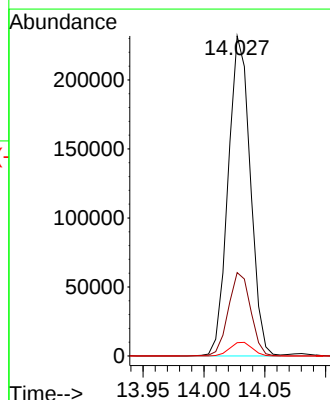
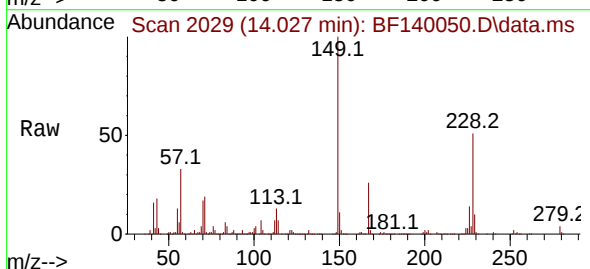
Tgt Ion:149 Resp: 293086

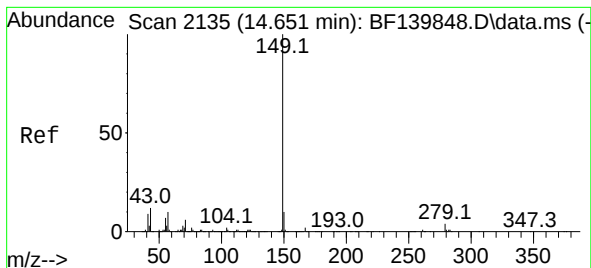
Ion Ratio Lower Upper

149 100

167 26.1 21.4 32.0

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 33.379 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

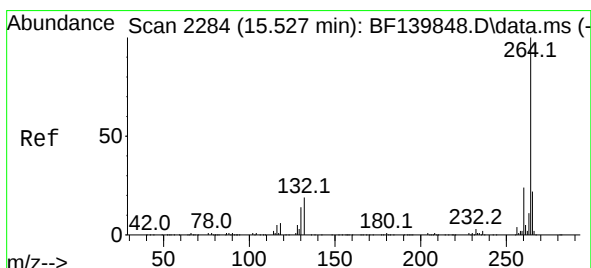
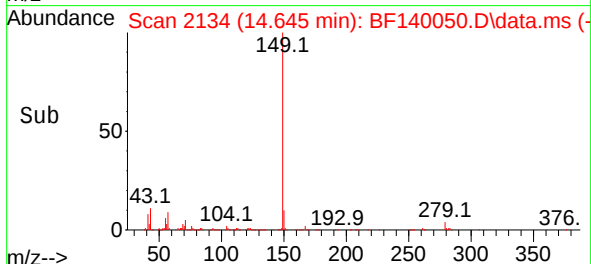
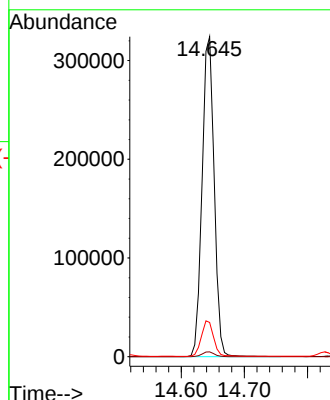
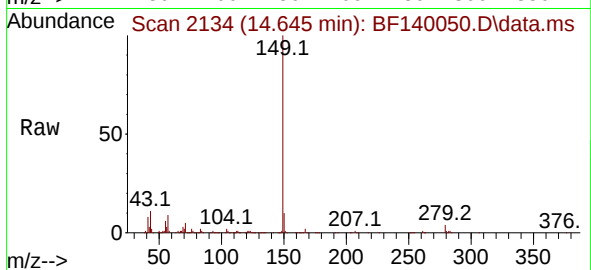
ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 432082
 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 10/29/2024
 Supervised By :mohammad ahmed 10/29/2024



#86

Perylene-d12

Concen: 20.000 ng

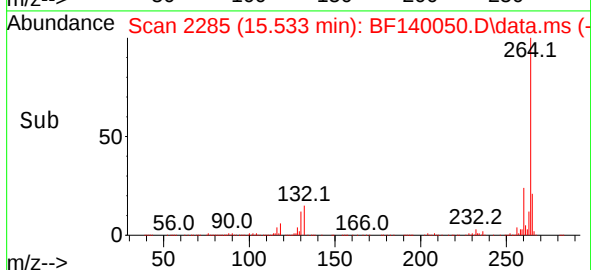
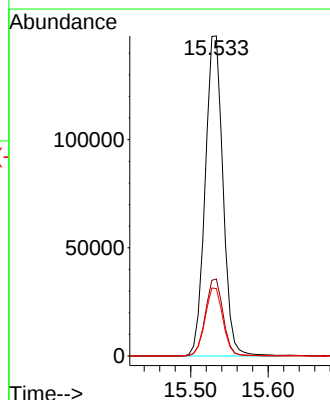
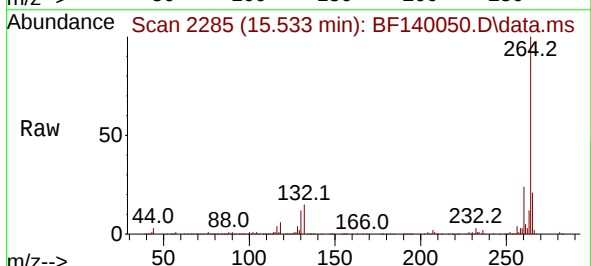
RT: 15.533 min Scan# 2285

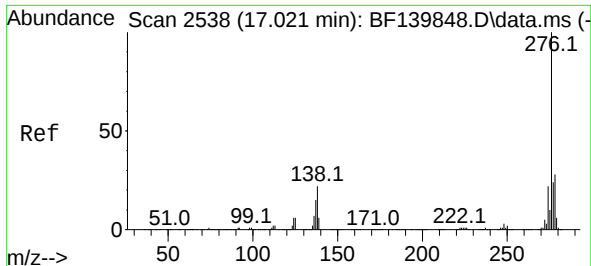
Delta R.T. 0.006 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Tgt Ion:264 Resp: 235878
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.0 17.4 26.0





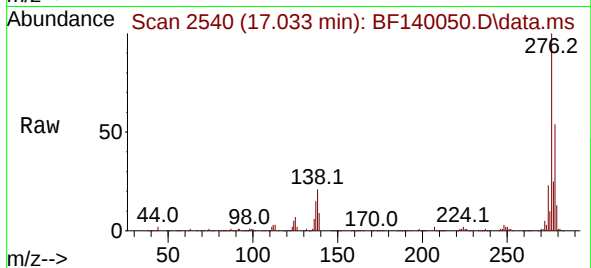
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.509 ng
RT: 17.033 min Scan# 2540
Delta R.T. 0.012 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

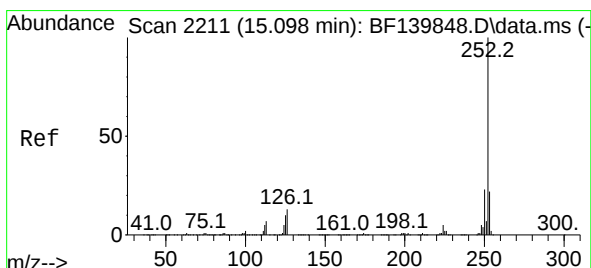
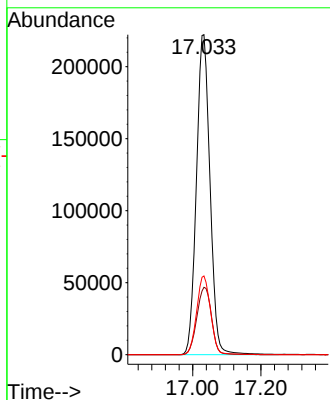
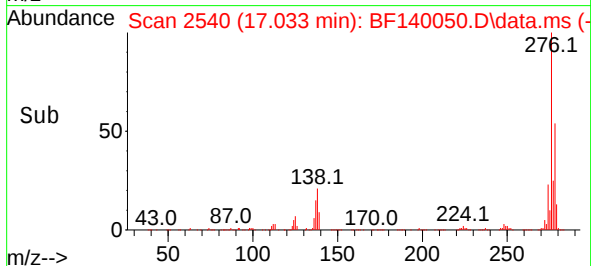


Tgt Ion:276 Resp: 614709
Ion Ratio Lower Upper
276 100
138 22.7 20.4 30.6
277 25.2 20.2 30.4

Manual Integrations

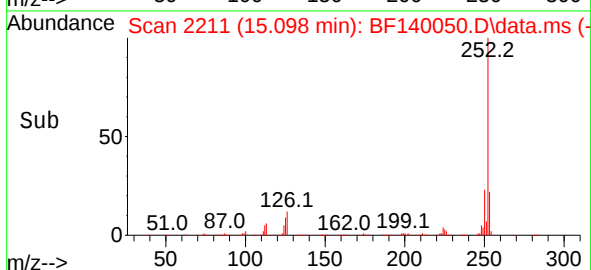
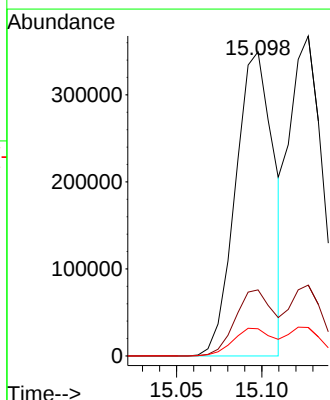
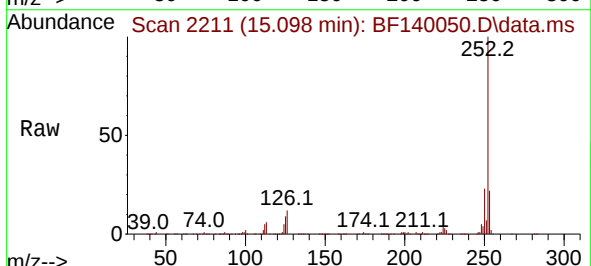
APPROVED

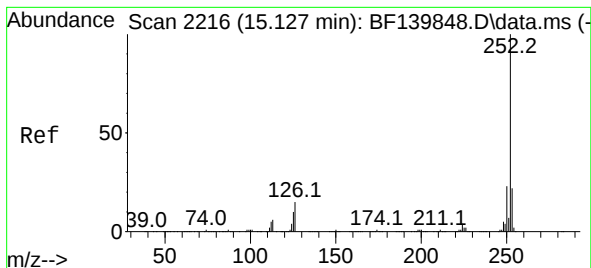
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#88
Benzo(b)fluoranthene
Concen: 37.874 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Tgt Ion:252 Resp: 544199
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 8.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 40.470 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

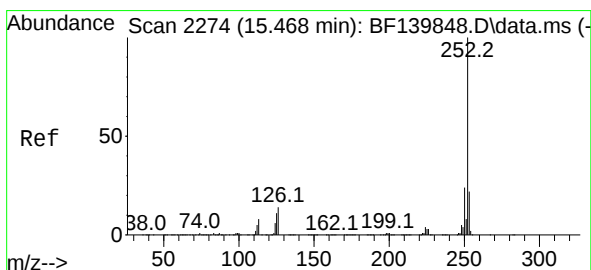
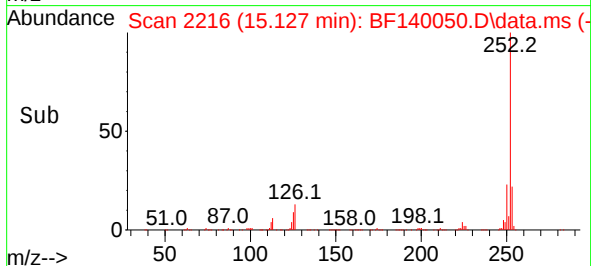
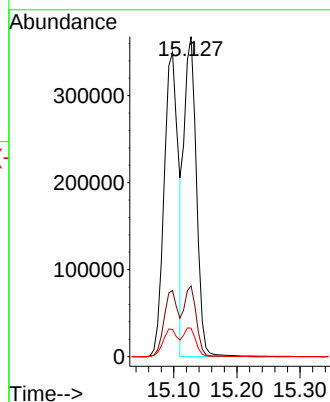
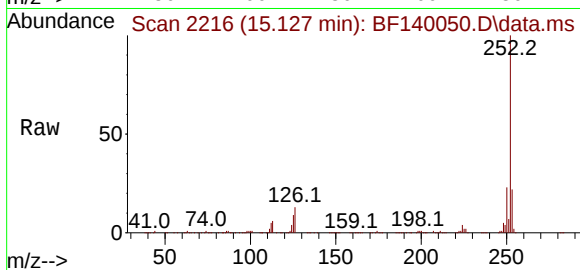
SSTDCCC040

Tgt Ion:252 Resp: 50149
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 8.9 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/29/2024



#90

Benzo(a)pyrene

Concen: 40.409 ng

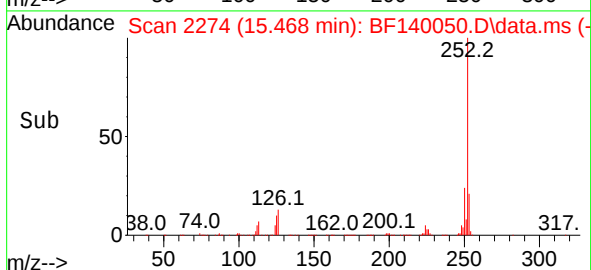
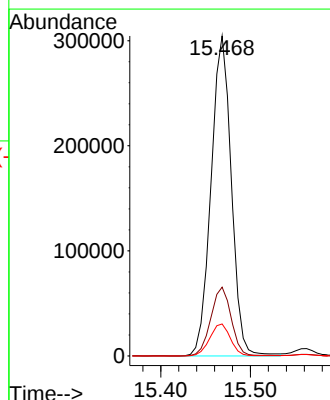
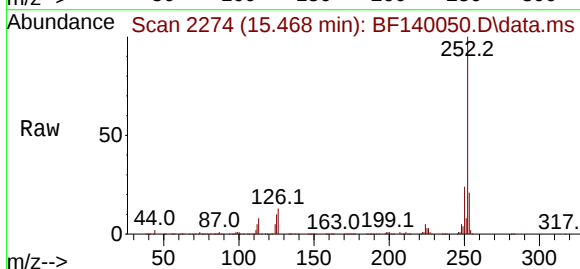
RT: 15.468 min Scan# 2274

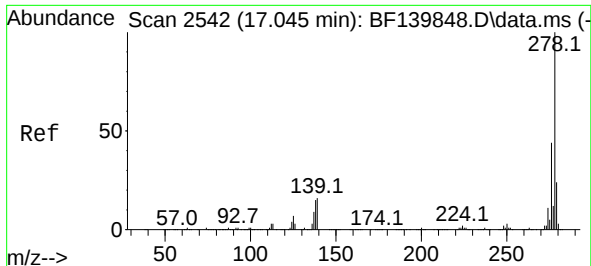
Delta R.T. 0.000 min

Lab File: BF140050.D

Acq: 26 Oct 2024 10:38

Tgt Ion:252 Resp: 477754
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.3 25.9
 125 10.0 8.7 13.1





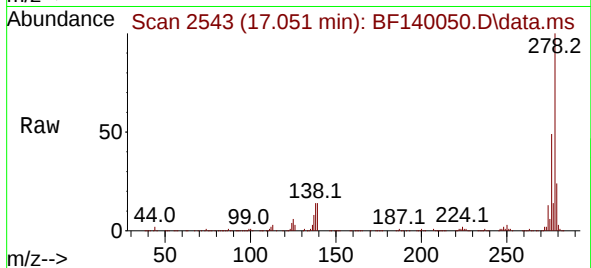
#91
Dibenzo(a,h)anthracene
Concen: 39.886 ng
RT: 17.051 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



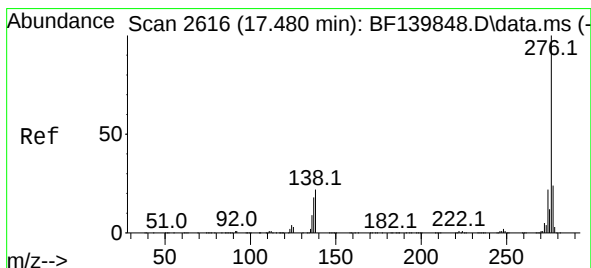
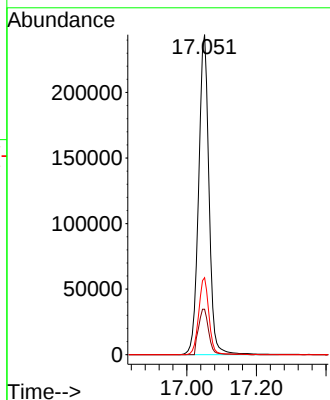
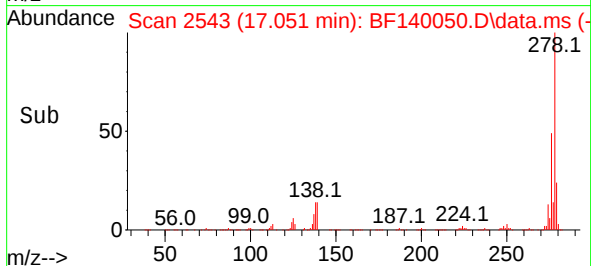
Tgt Ion:278 Resp: 504913
Ion Ratio Lower Upper
278 100
139 14.2 13.1 19.7
279 24.0 19.0 28.4

Manual Integrations

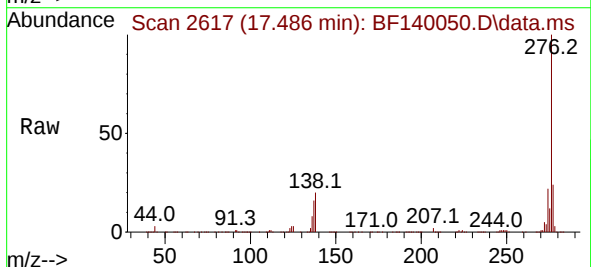
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#92
Benzo(g,h,i)perylene
Concen: 41.435 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF140050.D
Acq: 26 Oct 2024 10:38



Tgt Ion:276 Resp: 523930
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 19.7 17.4 26.0

