

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
 Data File : BF143098.D
 Acq On : 15 Jul 2025 15:35
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/16/2025
 Supervised By :Jagrut Upadhyay 07/16/2025

Quant Time: Jul 15 17:41:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:08:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	119035	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	456501	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	223126	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	354075	20.000	ng	0.00
76) Chrysene-d12	14.127	240	183692	20.000	ng	0.00
86) Perylene-d12	15.633	264	221502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	776953	103.124	ng	0.00
7) Phenol-d6	6.587	99	978105	103.280	ng	0.00
23) Nitrobenzene-d5	7.528	82	911721	112.035	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	227678	114.439	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1628659	97.028	ng	0.00
79) Terphenyl-d14	13.075	244	1271626	101.195	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.811	88	196652	52.435	ng	99
3) Pyridine	3.581	79	500208	52.670	ng	99
4) n-Nitrosodimethylamine	3.528	42	261539	53.153	ng	100
6) Aniline	6.628	93	699680	52.465	ng	100
8) 2-Chlorophenol	6.751	128	405741	53.601	ng	100
9) Benzaldehyde	6.516	77	431994	59.864	ng	98
10) Phenol	6.598	94	529842m	51.680	ng	
11) bis(2-Chloroethyl)ether	6.698	93	408091	51.417	ng	98
12) 1,3-Dichlorobenzene	6.910	146	437876	51.203	ng	99
13) 1,4-Dichlorobenzene	6.987	146	441012	51.260	ng	100
14) 1,2-Dichlorobenzene	7.140	146	421724	51.401	ng	98
15) Benzyl Alcohol	7.104	79	373560	53.234	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	748892	51.187	ng	100
17) 2-Methylphenol	7.210	107	342357	52.409	ng	99
18) Hexachloroethane	7.487	117	148761	53.114	ng	98
19) n-Nitroso-di-n-propyla...	7.381	70	302685	52.169	ng	99
20) 3+4-Methylphenols	7.363	107	422794	52.776	ng	93
22) Acetophenone	7.375	105	549763	49.959	ng	97
24) Nitrobenzene	7.545	77	439273	55.918	ng	100
25) Isophorone	7.787	82	819274	52.088	ng	100
26) 2-Nitrophenol	7.863	139	160386	50.837	ng	99
27) 2,4-Dimethylphenol	7.893	122	379432	51.976	ng	100
28) bis(2-Chloroethoxy)met...	7.993	93	483608	50.704	ng	99
29) 2,4-Dichlorophenol	8.098	162	319968	53.575	ng	99
30) 1,2,4-Trichlorobenzene	8.193	180	345389	50.958	ng	99
31) Naphthalene	8.275	128	1126659	49.700	ng	100
32) Benzoic acid	7.998	122	180966	49.535	ng	98
33) 4-Chloroaniline	8.310	127	467074	51.237	ng	99
34) Hexachlorobutadiene	8.392	225	207797	51.263	ng	98
35) Caprolactam	8.681	113	99144	53.162	ng	96
36) 4-Chloro-3-methylphenol	8.787	107	350906	52.746	ng	98
37) 2-Methylnaphthalene	8.963	142	681726	50.410	ng	99
38) 1-Methylnaphthalene	9.063	142	701548	50.016	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	335206	51.551	ng	100
41) Hexachlorocyclopentadiene	9.122	237	198811	55.147	ng	98
43) 2,4,6-Trichlorophenol	9.234	196	223131	55.226	ng	99

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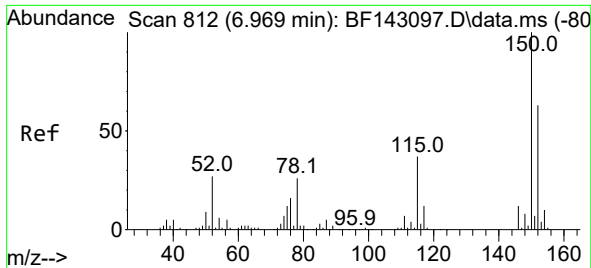
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	232905	54.977	ng	99
46) 1,1'-Biphenyl	9.428	154	897834	50.458	ng	100
47) 2-Chloronaphthalene	9.451	162	666760	51.007	ng	100
48) 2-Nitroaniline	9.539	65	207291	52.775	ng	98
49) Acenaphthylene	9.869	152	1109586	50.940	ng	99
50) Dimethylphthalate	9.722	163	726121	51.728	ng	100
51) 2,6-Dinitrotoluene	9.781	165	146385	52.497	ng	92
52) Acenaphthene	10.039	154	651291	50.669	ng	100
53) 3-Nitroaniline	9.945	138	177602	58.553	ng	99
54) 2,4-Dinitrophenol	10.051	184	47800	51.931	ng	# 1
55) Dibenzofuran	10.210	168	964545	50.344	ng	100
56) 4-Nitrophenol	10.092	139	133073	55.203	ng	98
57) 2,4-Dinitrotoluene	10.181	165	181610	52.116	ng	99
58) Fluorene	10.557	166	716173	49.859	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	189211	56.202	ng	98
60) Diethylphthalate	10.422	149	702995	51.909	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	348876	50.675	ng	99
62) 4-Nitroaniline	10.557	138	150470	57.045	ng	99
63) Azobenzene	10.704	77	770603	51.451	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	70324	51.847	ng	92
66) n-Nitrosodiphenylamine	10.663	169	634539	51.019	ng	100
67) 4-Bromophenyl-phenylether	11.034	248	211371	52.494	ng	99
68) Hexachlorobenzene	11.104	284	221245	51.785	ng	98
69) Atrazine	11.181	200	172972	54.359	ng	98
70) Pentachlorophenol	11.292	266	131545	56.120	ng	99
71) Phenanthrene	11.516	178	963568	50.425	ng	100
72) Anthracene	11.569	178	979118	50.953	ng	99
73) Carbazole	11.716	167	883827	51.340	ng	100
74) Di-n-butylphthalate	12.051	149	870362	55.079	ng	100
75) Fluoranthene	12.704	202	883558	50.852	ng	100
77) Benzidine	12.816	184	309313	49.425	ng	99
78) Pyrene	12.933	202	880826	51.681	ng	99
80) Butylbenzylphthalate	13.545	149	176615	51.324	ng	96
81) Benzo(a)anthracene	14.122	228	644353	52.641	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	196472	55.273	ng	100
83) Chrysene	14.157	228	583302	51.740	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	265225	51.119	ng	99
85) Di-n-octyl phthalate	14.727	149	492840	50.100	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	896872	54.440	ng	100
88) Benzo(b)fluoranthene	15.192	252	718106	56.204	ng	100
89) Benzo(k)fluoranthene	15.221	252	602261	49.410	ng	100
90) Benzo(a)pyrene	15.574	252	662193	54.800	ng	99
91) Dibenzo(a,h)anthracene	17.204	278	736672	54.700	ng	99
92) Benzo(g,h,i)perylene	17.651	276	746789	54.390	ng	98

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

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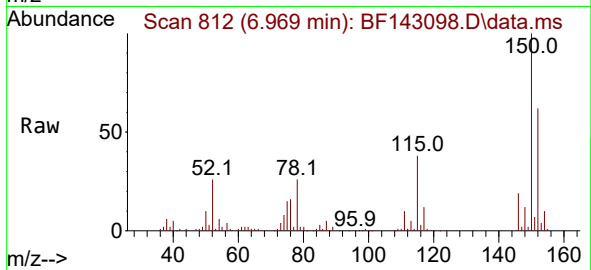
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

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BNA_F

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SSTDICC050



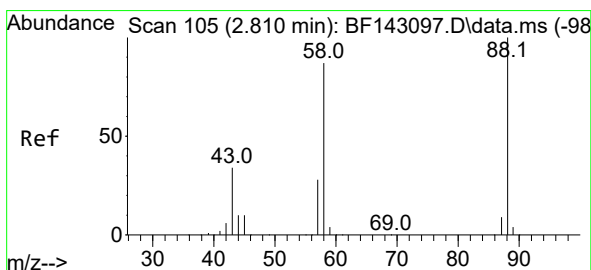
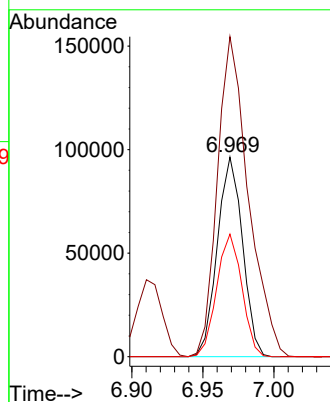
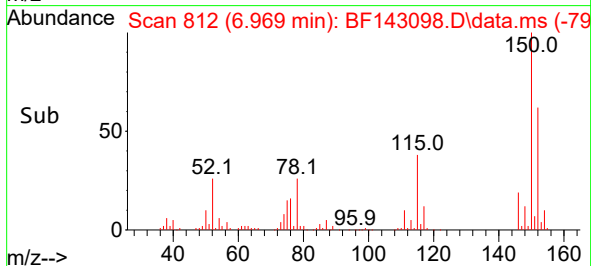
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Ion Ratio Lower Upper
152 100
150 160.4 126.5 189.7
115 61.5 47.0 70.6

Manual Integrations

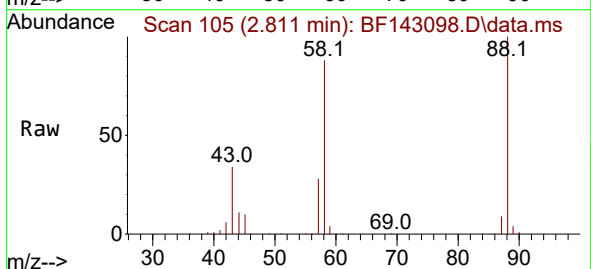
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Reviewed By :Rahul Chavli 07/16/2025

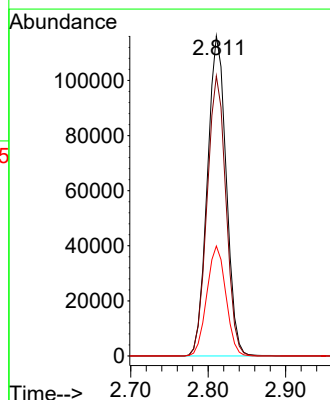
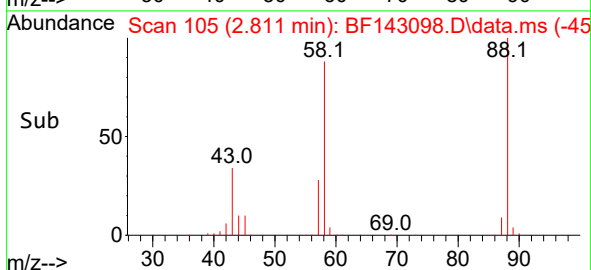
Supervised By :Jagrut Upadhyay 07/16/2025

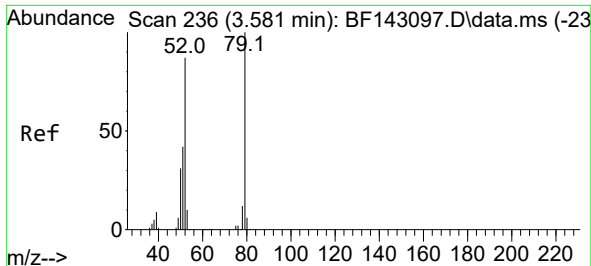


#2
1,4-Dioxane
Concen: 52.435 ng
RT: 2.811 min Scan# 105
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



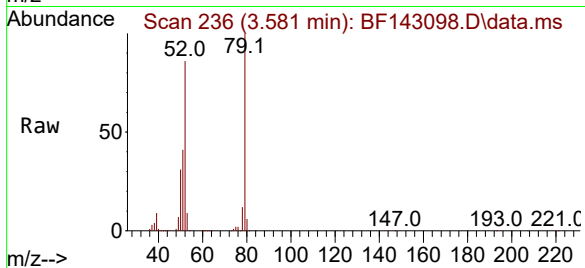
Tgt Ion: 88 Resp: 196652
Ion Ratio Lower Upper
88 100
58 87.3 70.5 105.7
43 34.6 27.3 40.9





#3
Pyridine
Concen: 52.670 ng
RT: 3.581 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

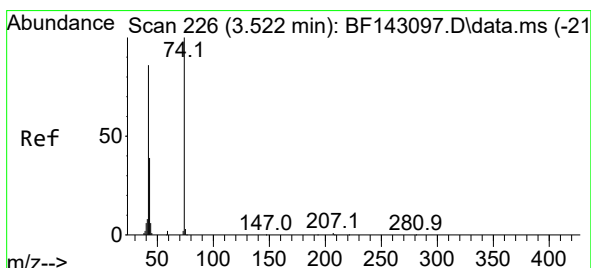
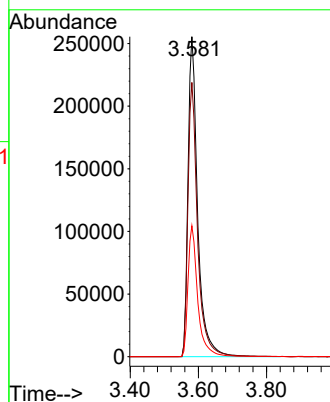
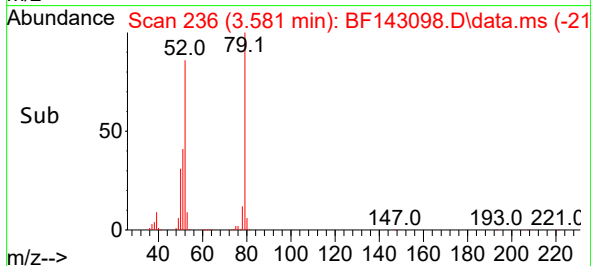
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



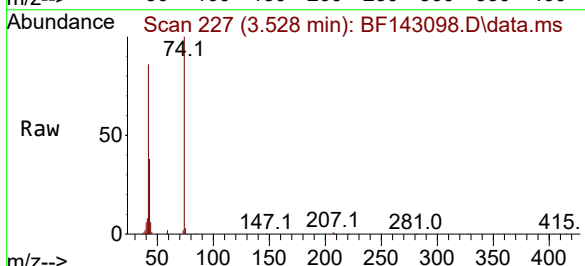
Tgt Ion: 79 Resp: 500208
Ion Ratio Lower Upper
79 100
52 85.7 69.2 103.8
51 40.9 33.3 49.9

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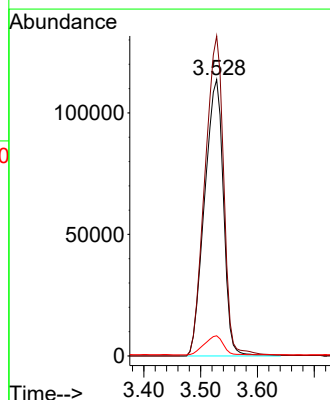
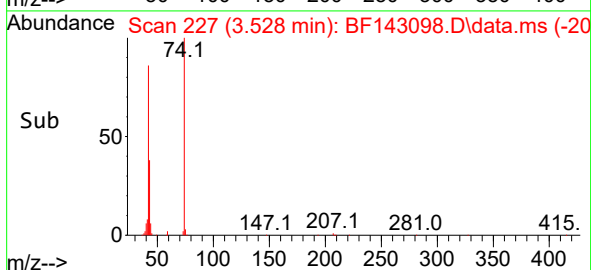
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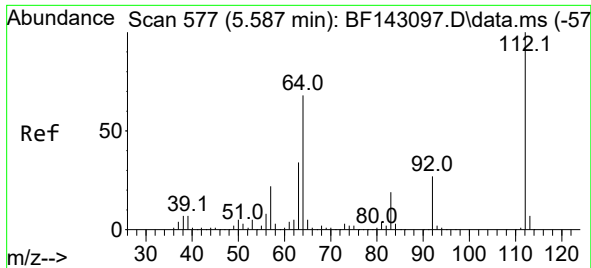


#4
n-Nitrosodimethylamine
Concen: 53.153 ng
RT: 3.528 min Scan# 227
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



Tgt Ion: 42 Resp: 261539
Ion Ratio Lower Upper
42 100
74 115.8 92.8 139.2
44 7.3 5.8 8.6





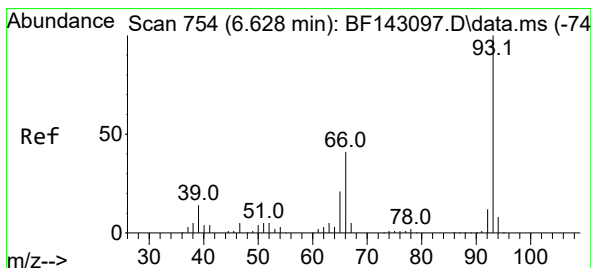
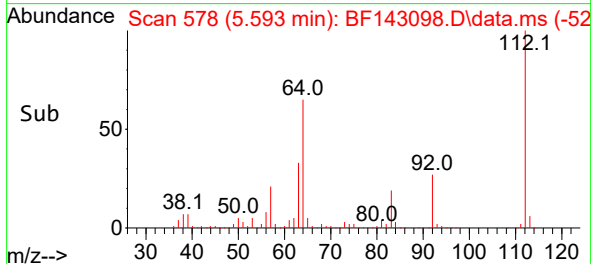
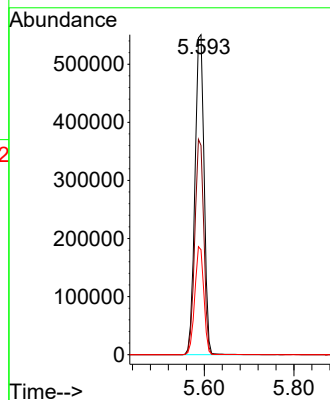
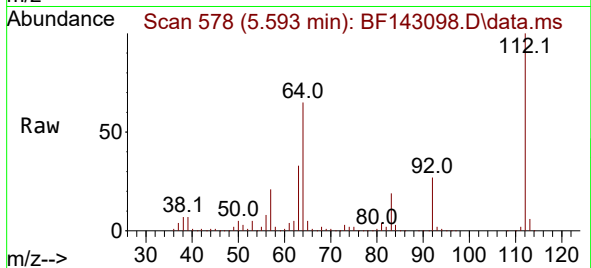
#5
2-Fluorophenol
Concen: 103.124 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 77695
Ion Ratio Lower Upper
112 100
64 65.4 54.6 82.0
63 32.8 27.3 40.9

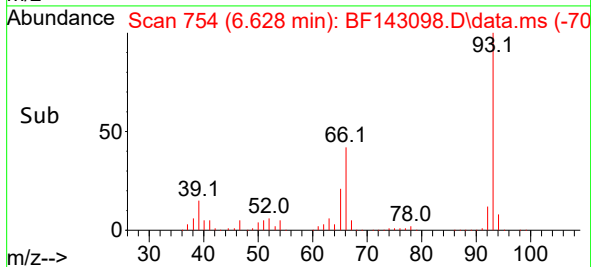
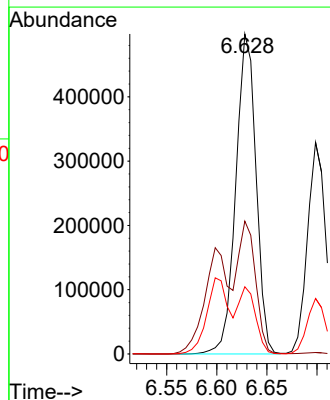
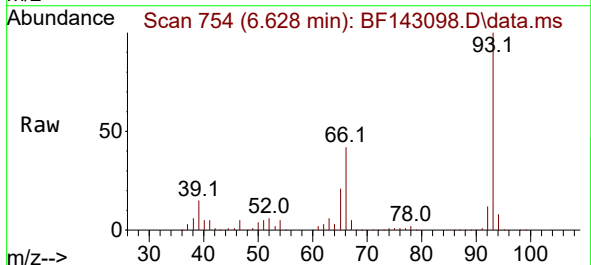
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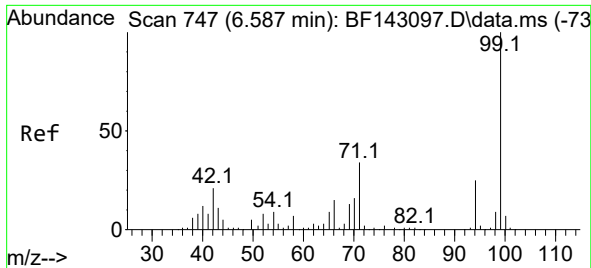
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#6
Aniline
Concen: 52.465 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143098.D
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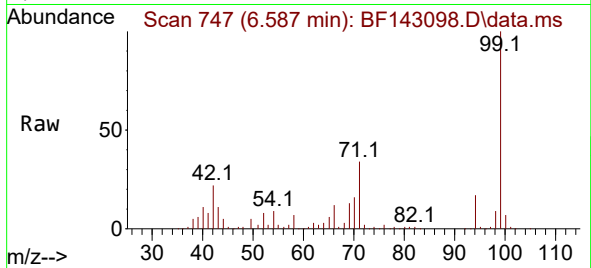
Tgt Ion: 93 Resp: 699680
Ion Ratio Lower Upper
93 100
66 41.5 33.1 49.7
65 21.0 16.9 25.3





#7
Phenol-d6
Concen: 103.280 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

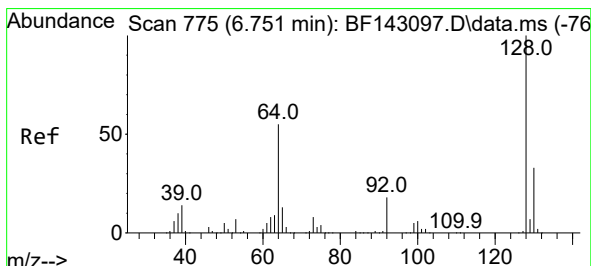
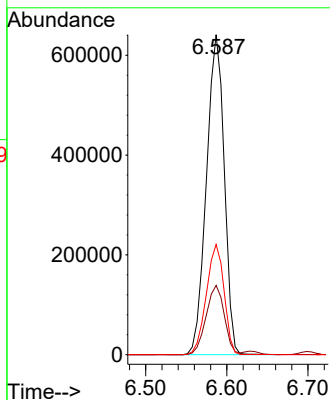
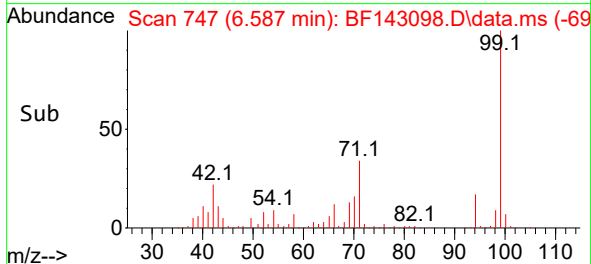
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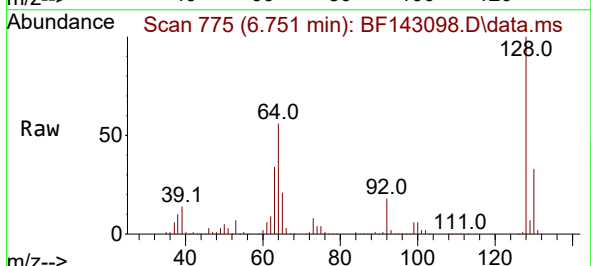
Tgt Ion: 99 Resp: 97810
Ion Ratio Lower Upper
99 100
42 21.7 17.2 25.8
71 34.4 27.4 41.0

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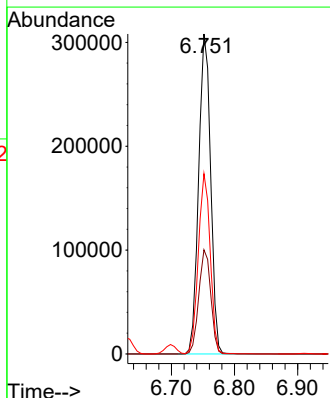
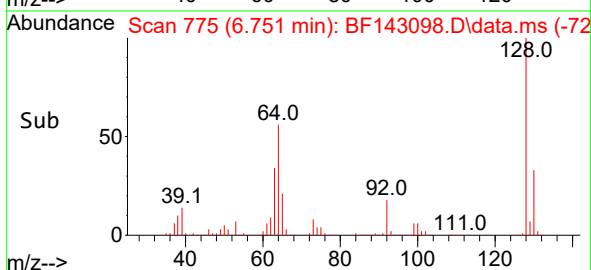
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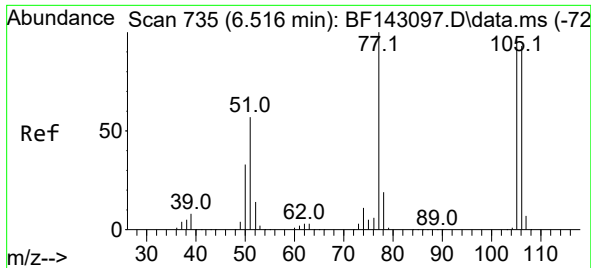


#8
2-Chlorophenol
Concen: 53.601 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



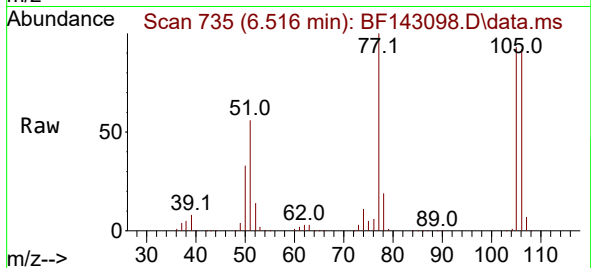
Tgt Ion:128 Resp: 405741
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 56.3 36.1 76.1





#9
Benzaldehyde
Concen: 59.864 ng
RT: 6.516 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF143098.D
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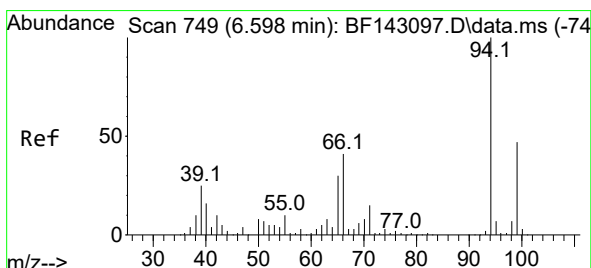
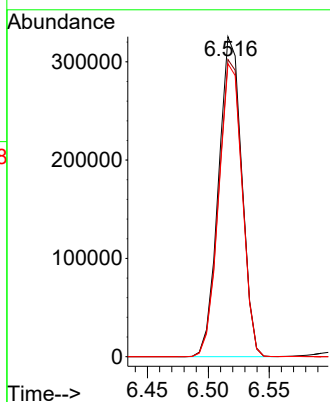
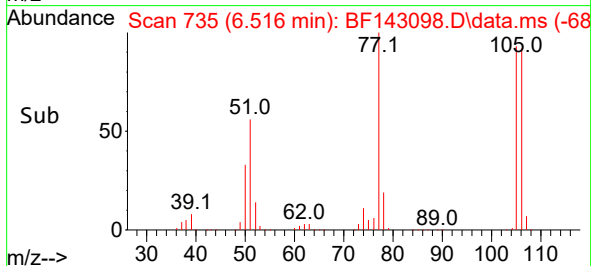
Instrument :
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Tgt Ion: 77 Resp: 431994
Ion Ratio Lower Upper
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105 92.9 76.3 116.3
106 91.5 72.8 112.8

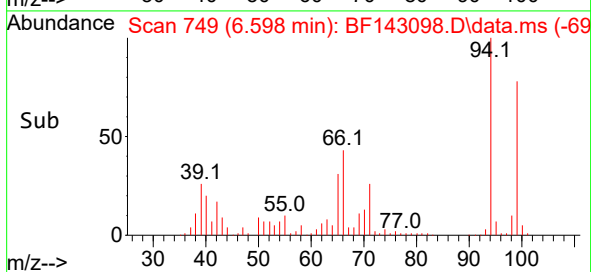
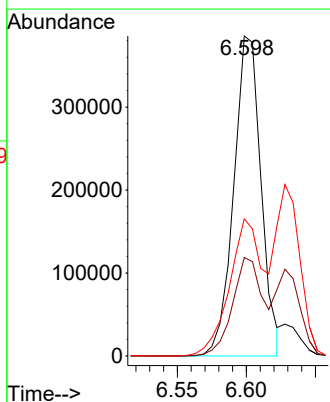
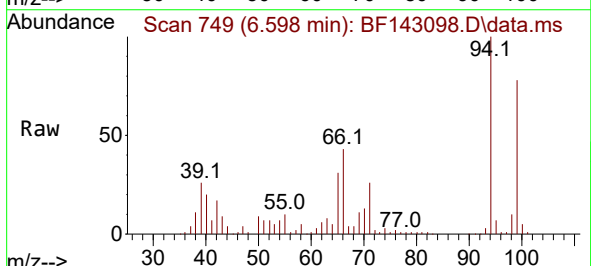
Manual Integrations
APPROVED

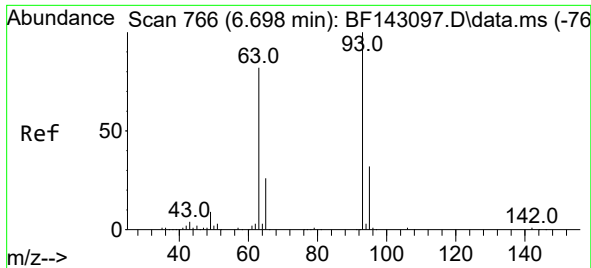
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#10
Phenol
Concen: 51.680 ng m
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 94 Resp: 529842
Ion Ratio Lower Upper
94 100
65 30.7 9.8 49.8
66 42.9 20.5 60.5





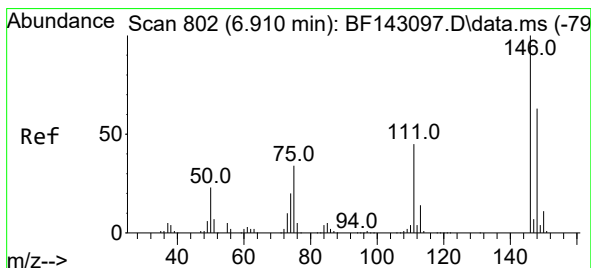
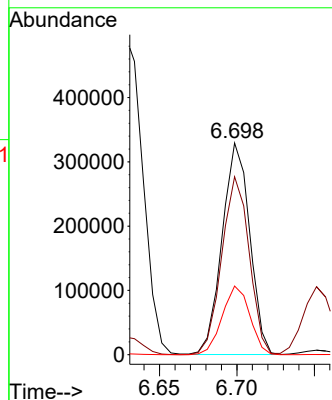
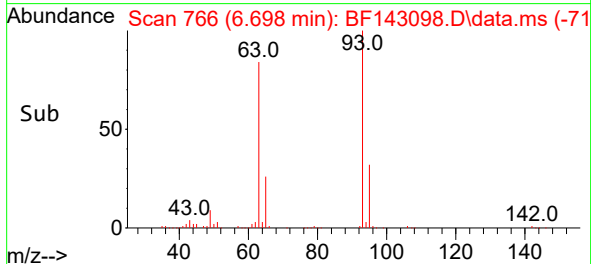
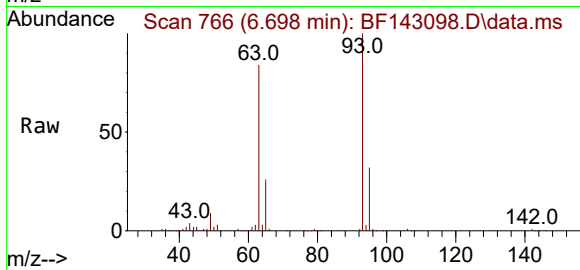
#11
bis(2-Chloroethyl)ether
Concen: 51.417 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 40809
Ion Ratio Lower Upper
93 100
63 84.0 61.9 101.9
95 32.4 12.2 52.2

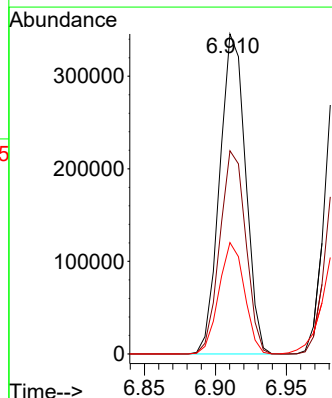
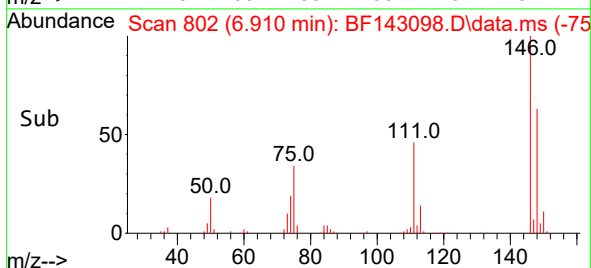
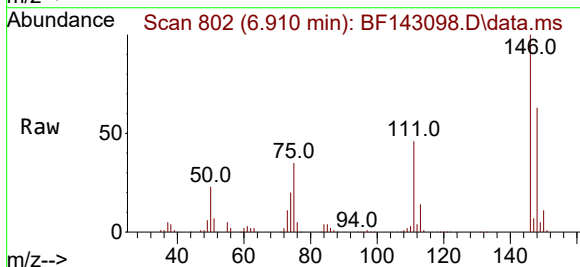
Manual Integrations
APPROVED

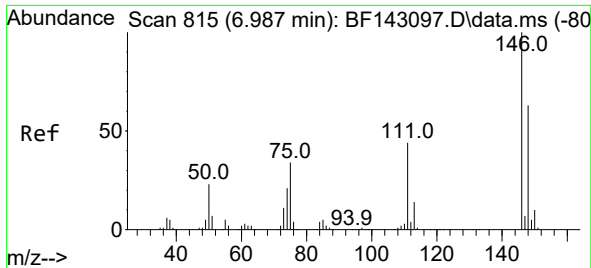
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#12
1,3-Dichlorobenzene
Concen: 51.203 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:146 Resp: 437876
Ion Ratio Lower Upper
146 100
148 63.5 50.1 75.1
75 34.8 27.4 41.0





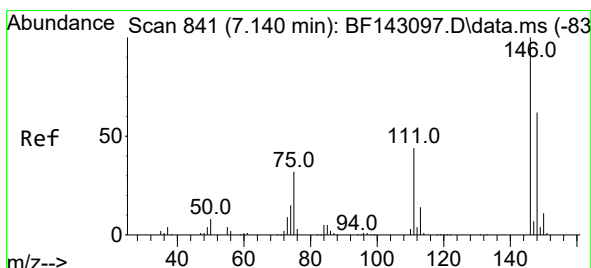
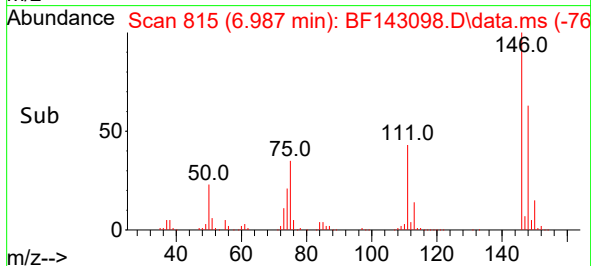
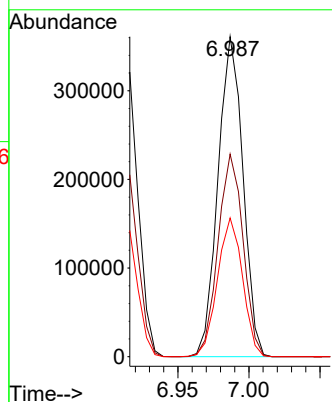
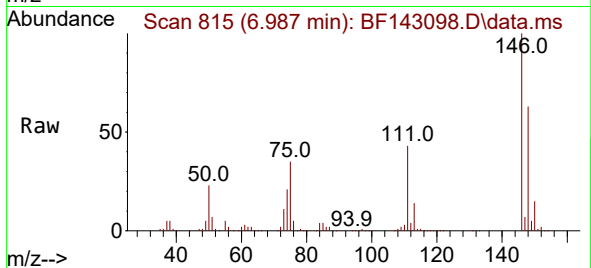
#13
1,4-Dichlorobenzene
Concen: 51.260 ng
RT: 6.987 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:146 Resp: 441012
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
111 43.3 35.0 52.6

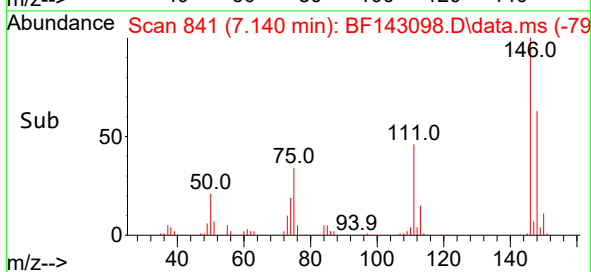
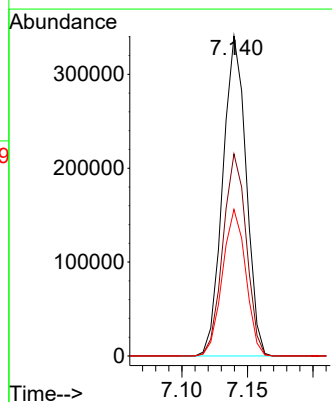
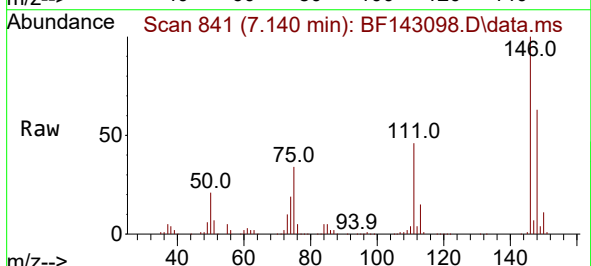
Manual Integrations
APPROVED

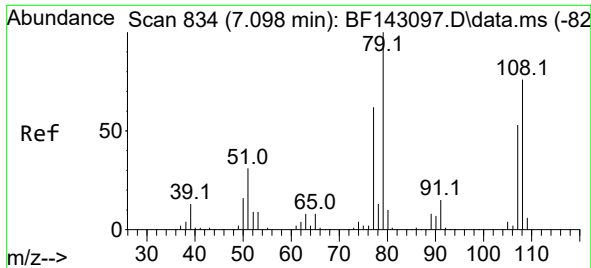
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#14
1,2-Dichlorobenzene
Concen: 51.401 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:146 Resp: 421724
Ion Ratio Lower Upper
146 100
148 63.1 49.8 74.6
111 45.8 35.4 53.0





#15
Benzyl Alcohol
Concen: 53.234 ng
RT: 7.104 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

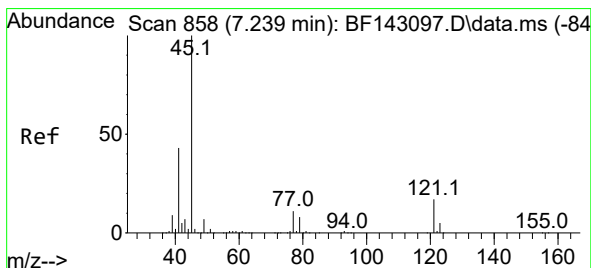
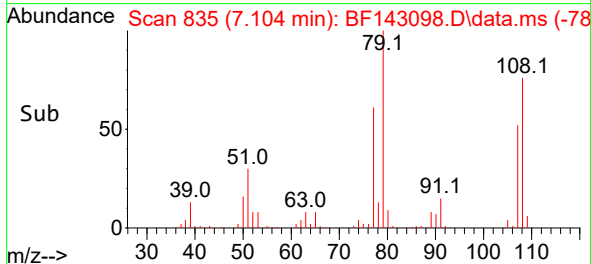
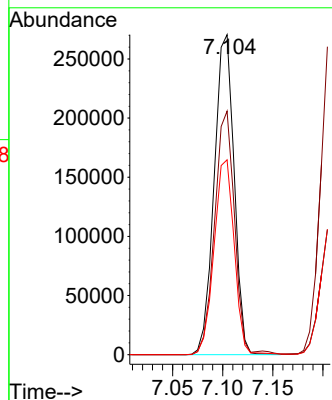
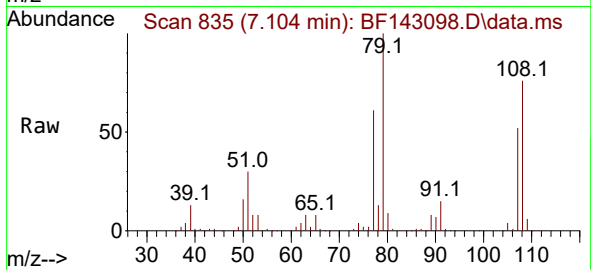
ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 373560
Ion Ratio Lower Upper
79 100
108 76.1 61.1 91.7
77 60.9 49.9 74.9

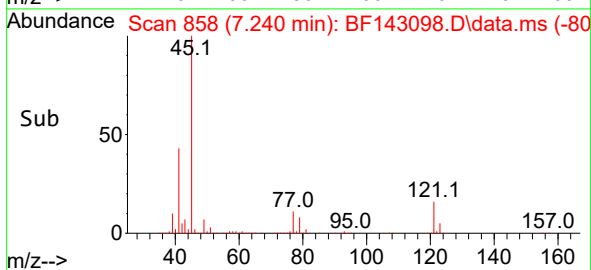
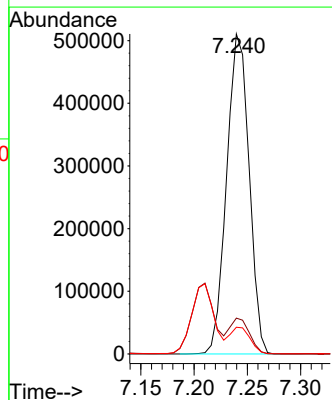
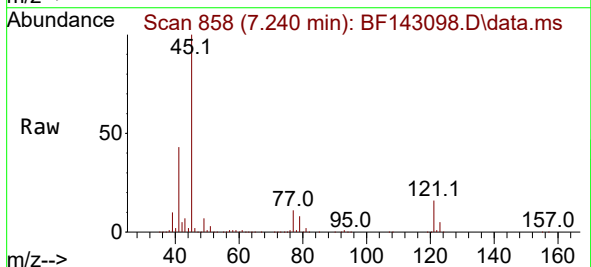
Manual Integrations
APPROVED

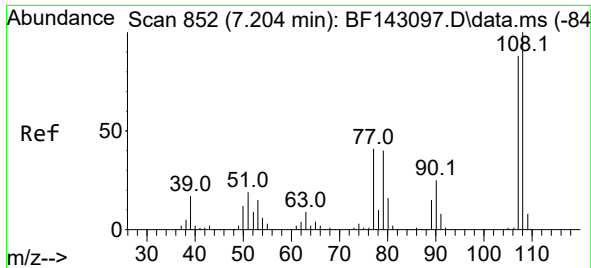
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.187 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 45 Resp: 748892
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.1
79 8.4 0.0 28.4





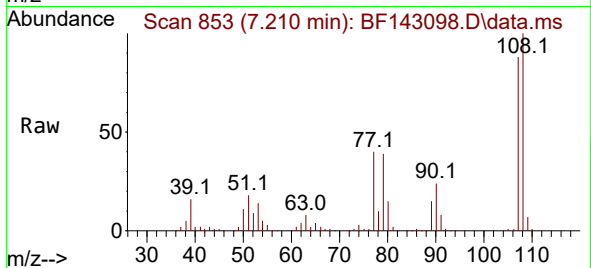
#17
2-Methylphenol
Concen: 52.409 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



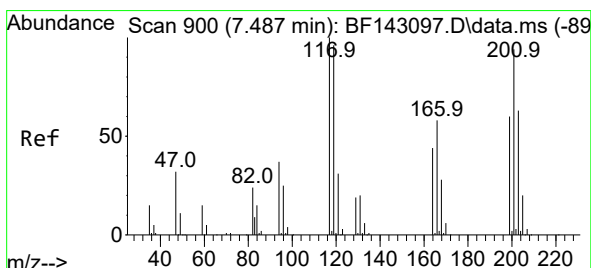
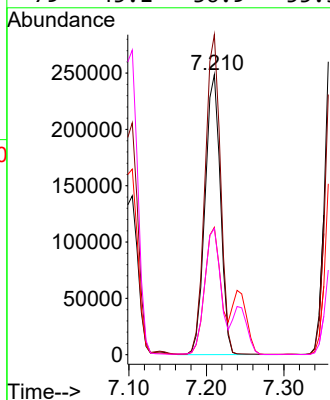
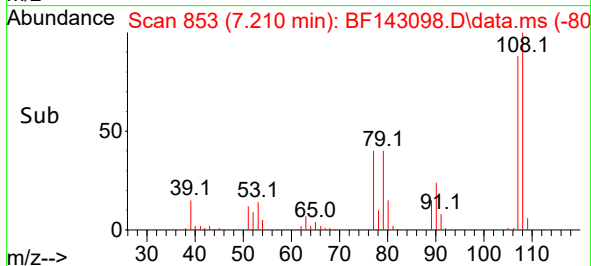
Tgt Ion:107 Resp: 34235
Ion Ratio Lower Upper
107 100
108 114.3 90.9 136.3
77 45.5 37.5 56.3
79 45.1 36.9 55.3

Manual Integrations

APPROVED

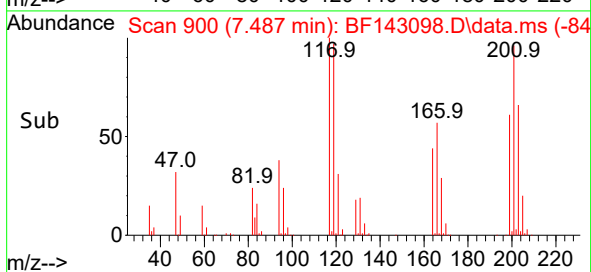
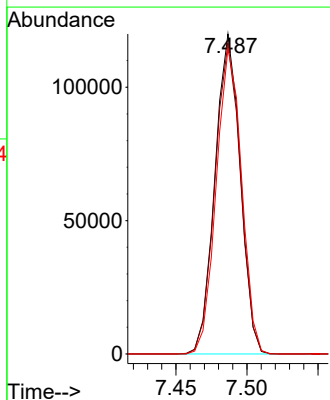
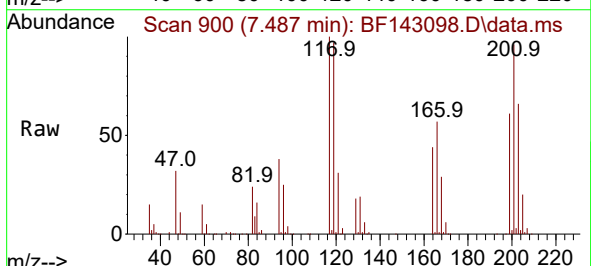
Reviewed By :Rahul Chavli 07/16/2025

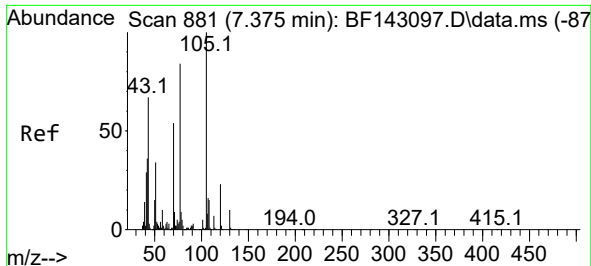
Supervised By :Jagrut Upadhyay 07/16/2025



#18
Hexachloroethane
Concen: 53.114 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:117 Resp: 148761
Ion Ratio Lower Upper
117 100
119 97.2 76.7 115.1
201 95.5 75.0 112.4





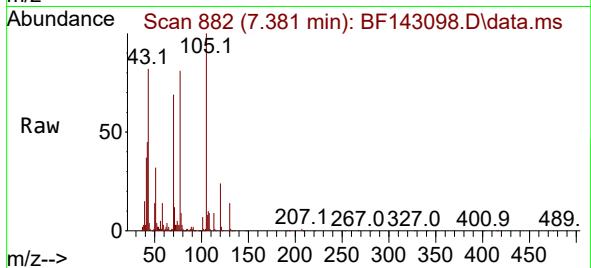
#19
n-Nitroso-di-n-propylamine
Concen: 52.169 ng
RT: 7.381 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



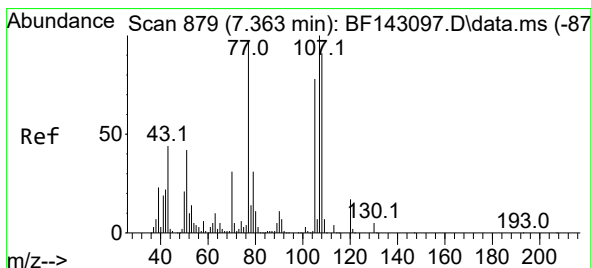
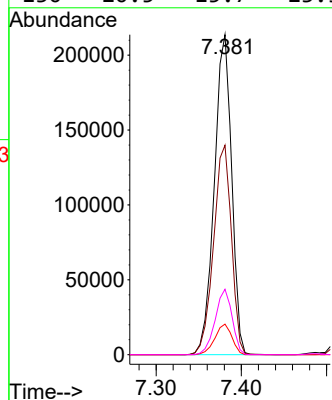
Tgt Ion: 70 Resp: 30268
Ion Ratio Lower Upper
70 100
42 65.5 53.2 79.8
101 9.6 7.5 11.3
130 20.5 15.7 23.5

Manual Integrations

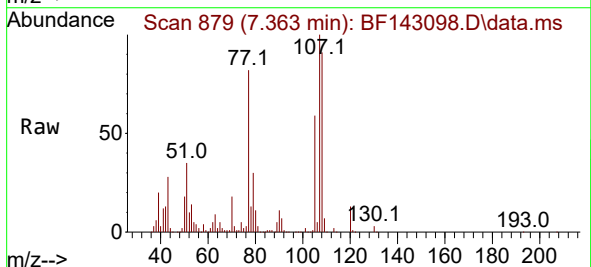
APPROVED

Reviewed By :Rahul Chavli 07/16/2025

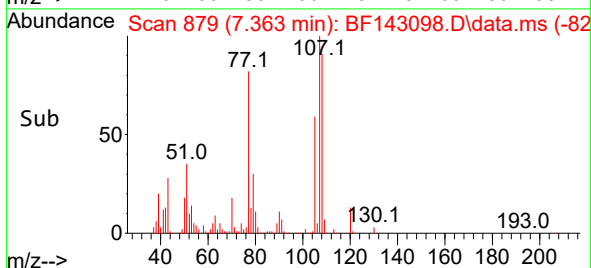
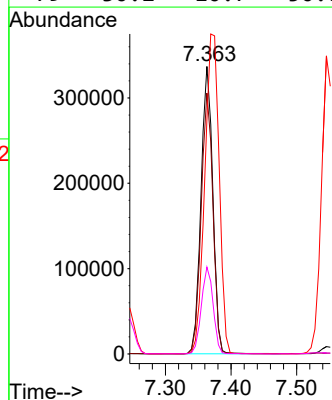
Supervised By :Jagrut Upadhyay 07/16/2025

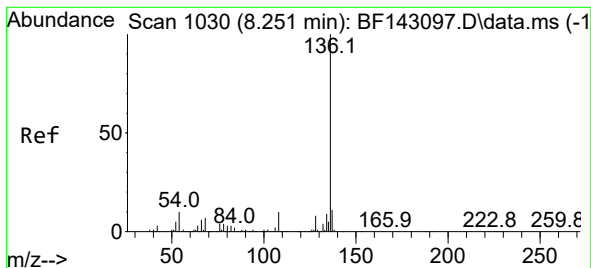


#20
3+4-Methylphenols
Concen: 52.776 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



Tgt Ion:107 Resp: 422794
Ion Ratio Lower Upper
107 100
108 90.7 71.3 111.3
77 81.5 77.2 117.2
79 30.2 10.7 50.7





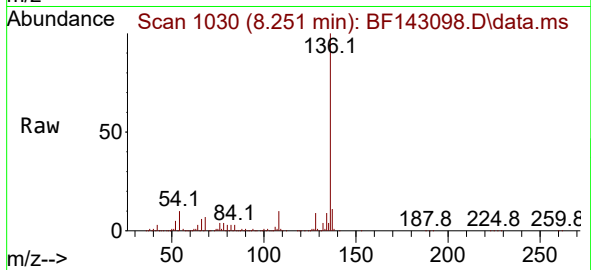
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



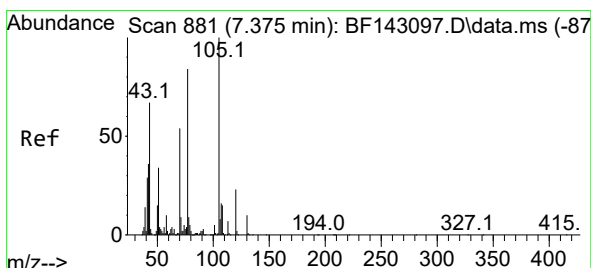
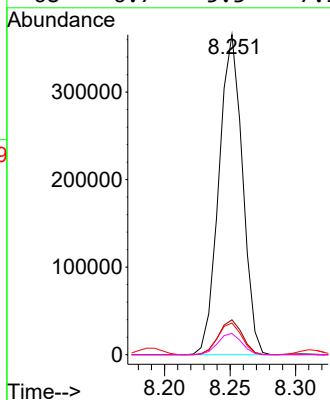
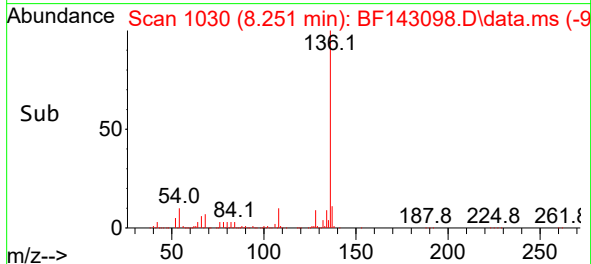
Tgt Ion:136 Resp: 45650
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.9 8.3 12.5
68 6.7 5.3 7.9

Manual Integrations

APPROVED

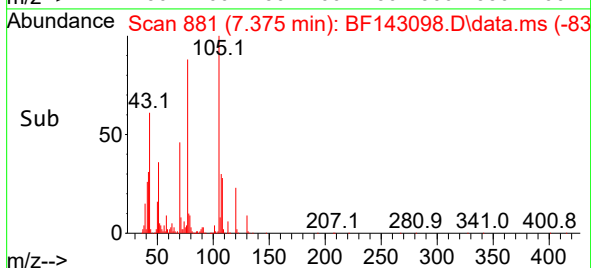
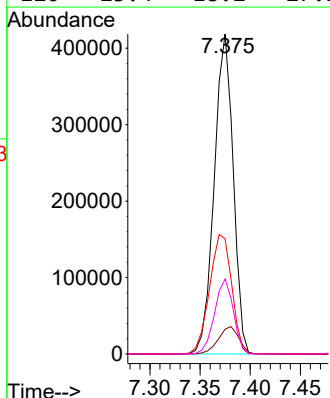
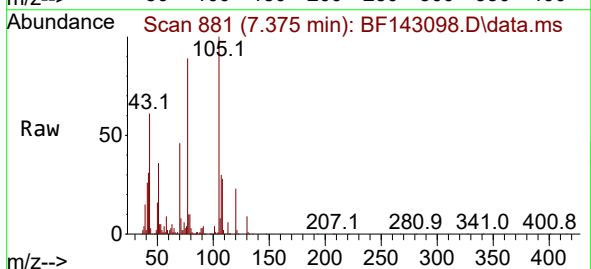
Reviewed By :Rahul Chavli 07/16/2025

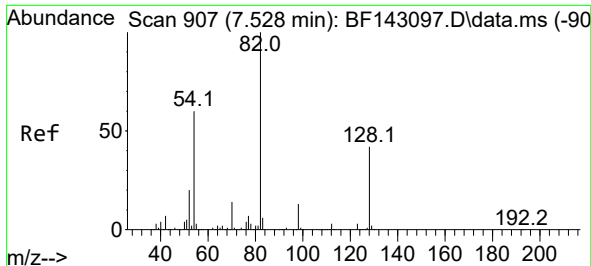
Supervised By :Jagrut Upadhyay 07/16/2025



#22
Acetophenone
Concen: 49.959 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:105 Resp: 549763
Ion Ratio Lower Upper
105 100
71 7.8 7.2 10.8
51 36.0 27.0 40.4
120 23.4 18.2 27.2





#23
Nitrobenzene-d5
Concen: 112.035 ng
RT: 7.528 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

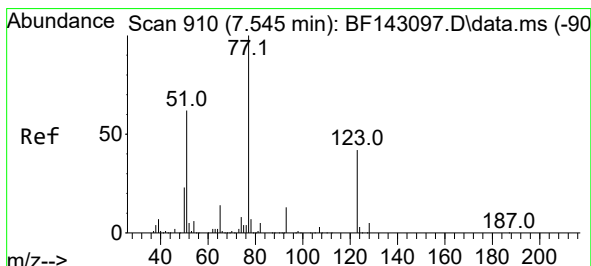
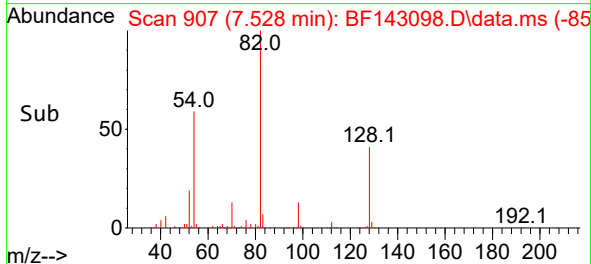
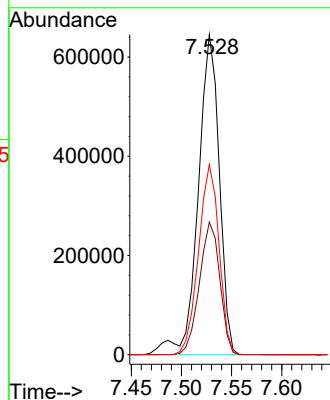
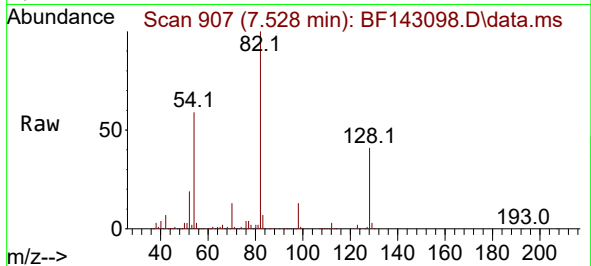
ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 91172
Ion Ratio Lower Upper
82 100
128 41.4 33.3 49.9
54 59.4 47.4 71.2

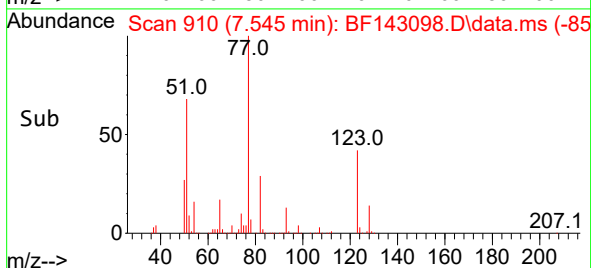
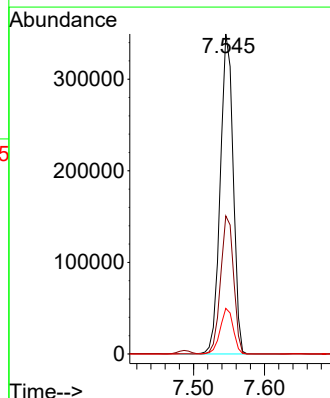
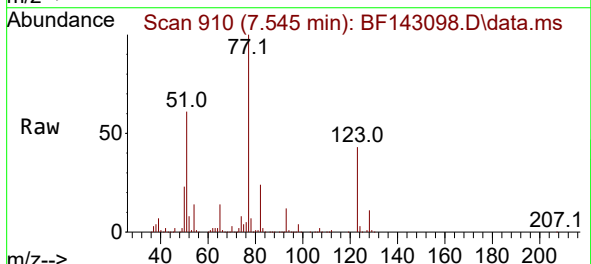
Manual Integrations
APPROVED

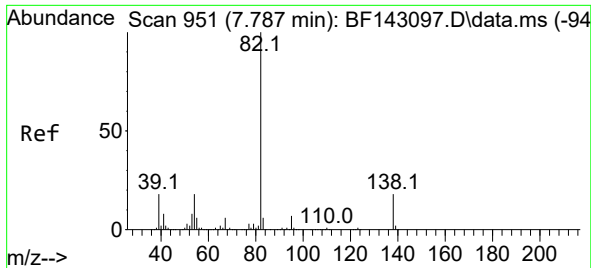
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#24
Nitrobenzene
Concen: 55.918 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

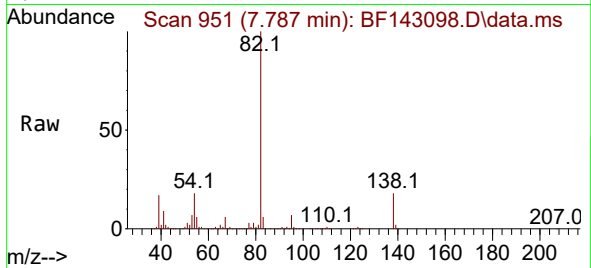
Tgt Ion: 77 Resp: 439273
Ion Ratio Lower Upper
77 100
123 43.2 34.5 51.7
65 14.3 11.3 16.9





#25
Isophorone
Concen: 52.088 ng
RT: 7.787 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

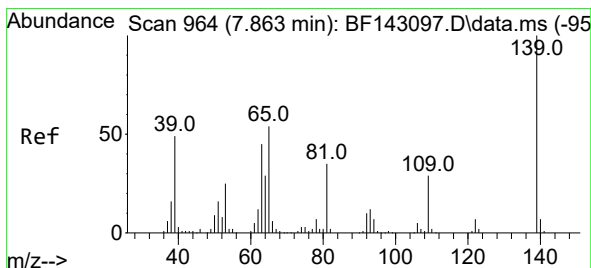
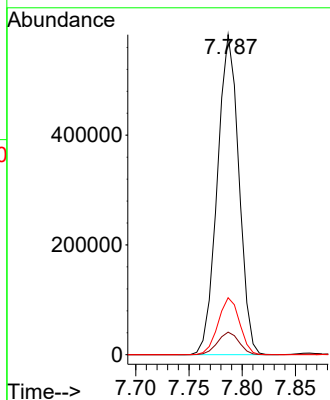
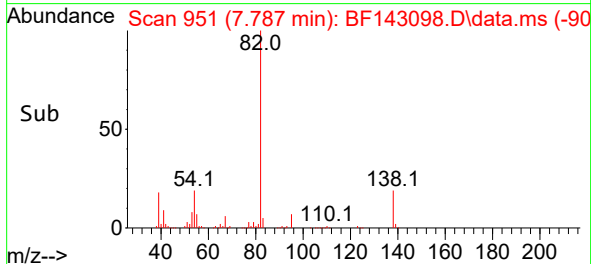
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



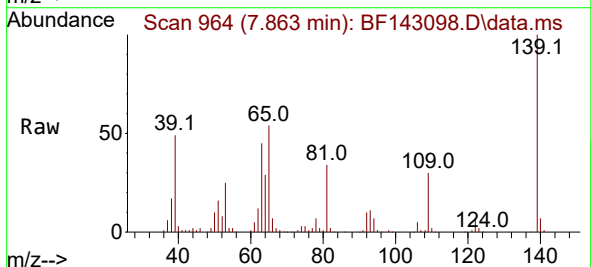
Tgt Ion: 82 Resp: 819274
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.8 14.3 21.5

Manual Integrations
APPROVED

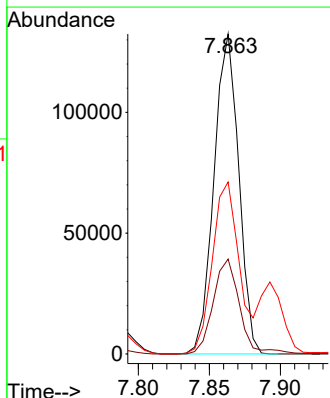
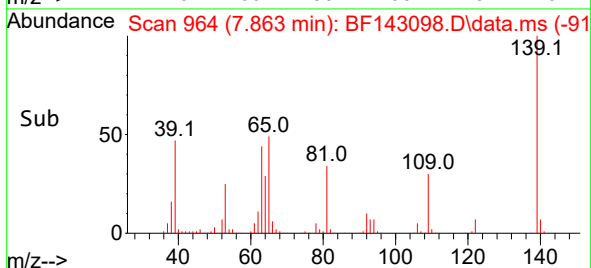
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

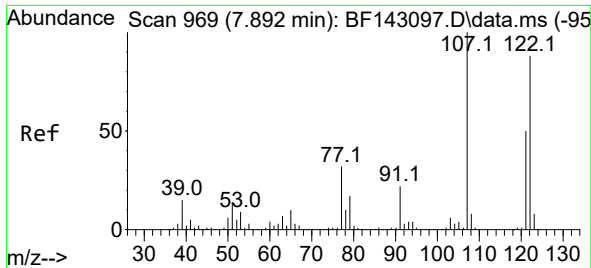


#26
2-Nitrophenol
Concen: 50.837 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



Tgt Ion:139 Resp: 160386
Ion Ratio Lower Upper
139 100
109 29.7 23.4 35.0
65 53.7 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 51.976 ng

RT: 7.893 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143098.D

Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 37943

Ion Ratio Lower Upper

122 100

107 114.5 91.3 136.9

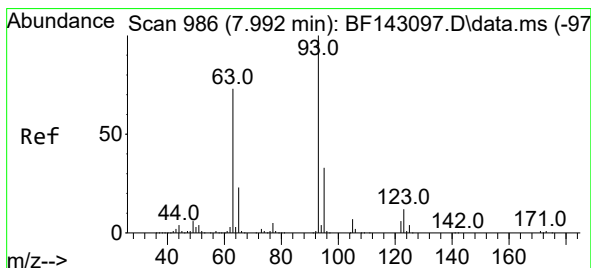
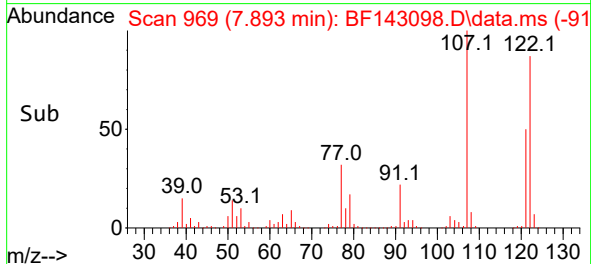
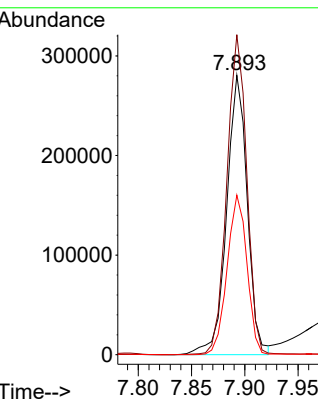
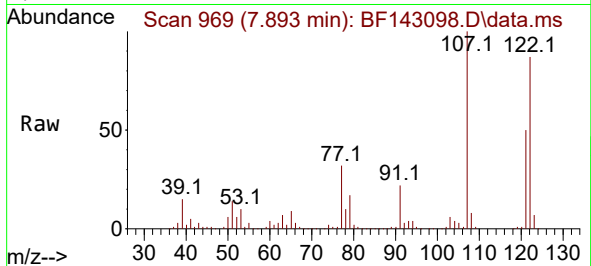
121 57.1 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#28

bis(2-Chloroethoxy)methane

Concen: 50.704 ng

RT: 7.993 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF143098.D

Acq: 15 Jul 2025 15:35

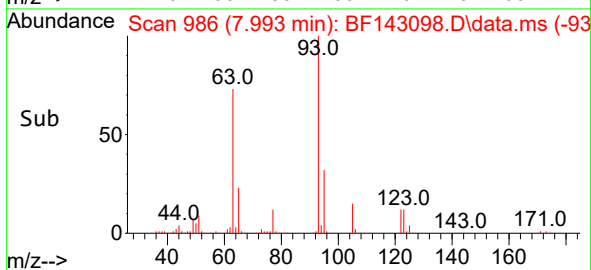
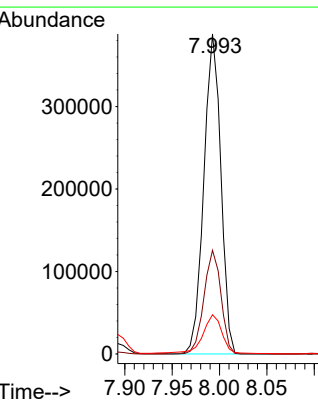
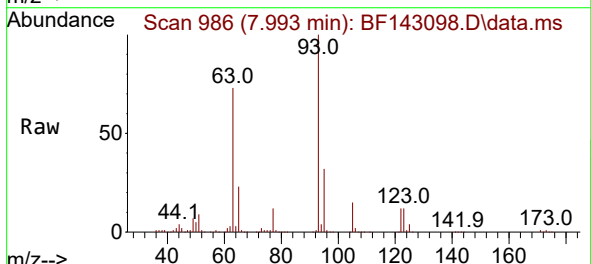
Tgt Ion: 93 Resp: 483608

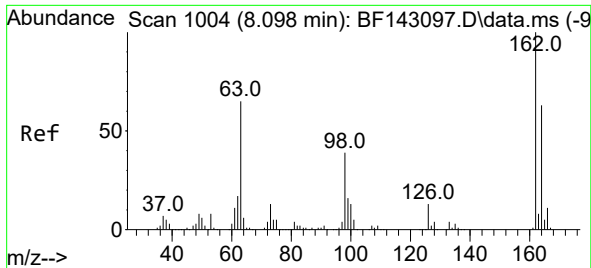
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 53.575 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143098.D

Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 31996

Ion Ratio Lower Upper

162 100

164 63.7 43.1 83.1

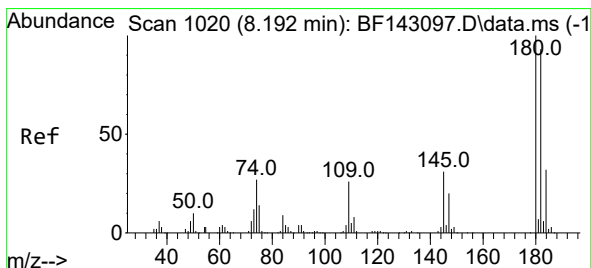
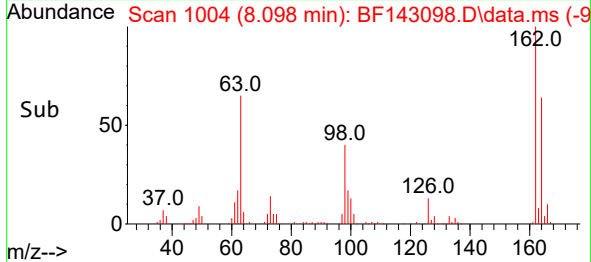
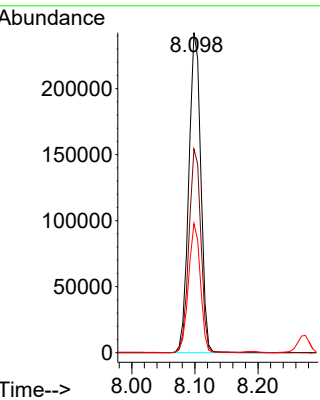
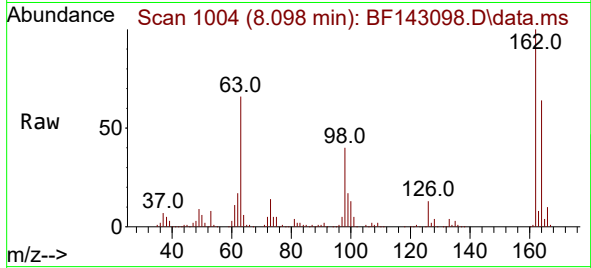
98 40.4 19.2 59.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#30

1,2,4-Trichlorobenzene

Concen: 50.958 ng

RT: 8.193 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF143098.D

Acq: 15 Jul 2025 15:35

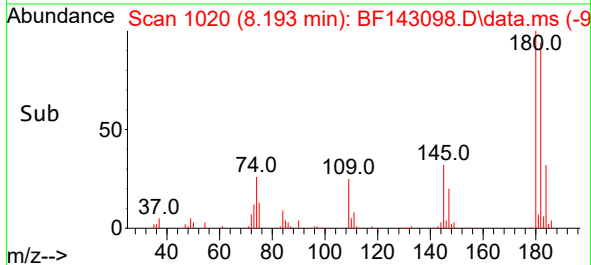
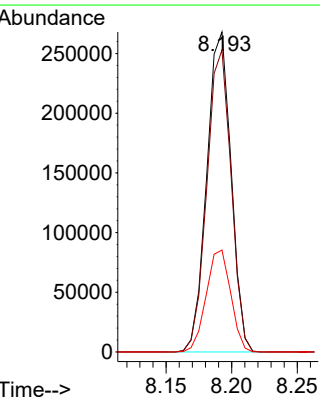
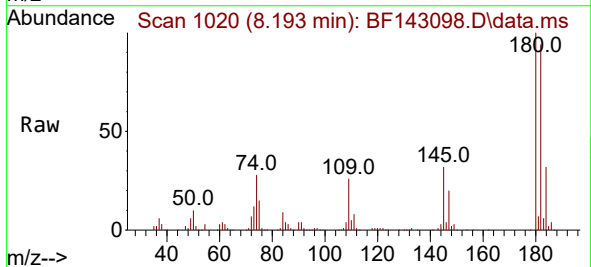
Tgt Ion:180 Resp: 345389

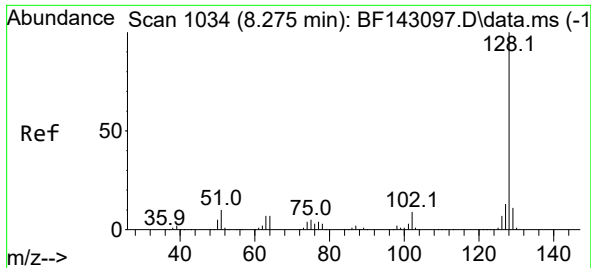
Ion Ratio Lower Upper

180 100

182 94.3 74.7 112.1

145 31.8 24.5 36.7





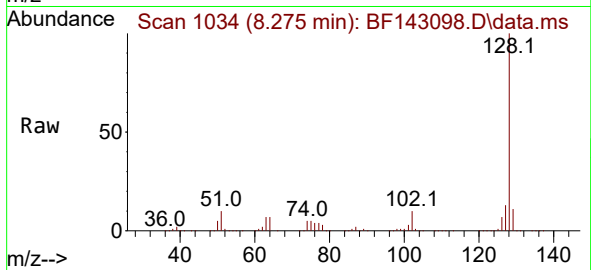
#31
Naphthalene
Concen: 49.700 ng
RT: 8.275 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



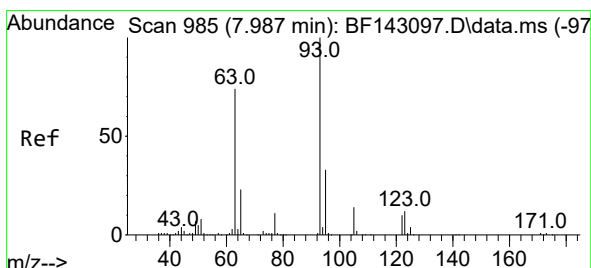
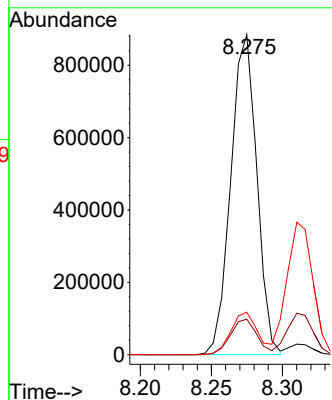
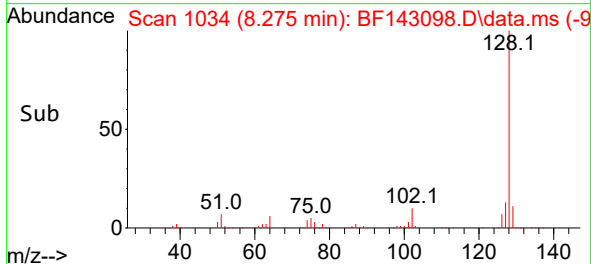
Tgt Ion:128 Resp: 1126659
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.3 10.5 15.7

Manual Integrations

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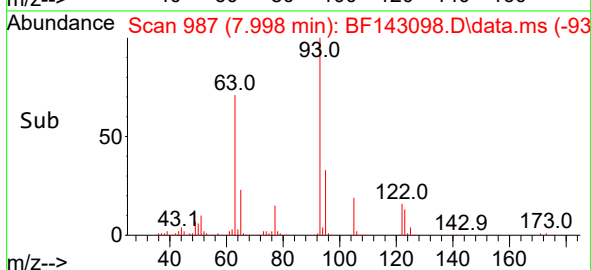
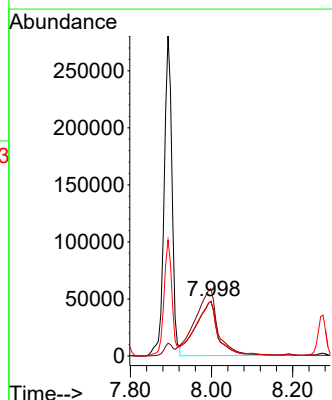
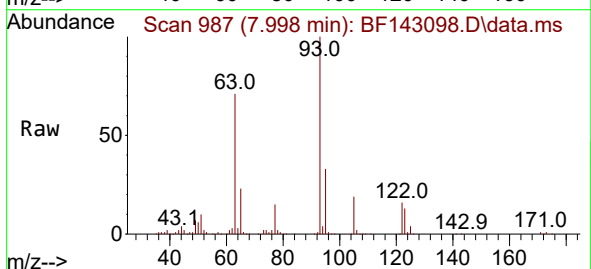
Reviewed By :Rahul Chavli 07/16/2025

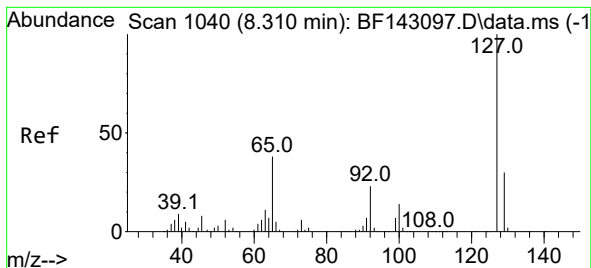
Supervised By :Jagrut Upadhyay 07/16/2025



#32
Benzoic acid
Concen: 49.535 ng
RT: 7.998 min Scan# 987
Delta R.T. 0.011 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:122 Resp: 180966
Ion Ratio Lower Upper
122 100
105 122.8 105.4 145.4
77 99.4 78.6 118.6





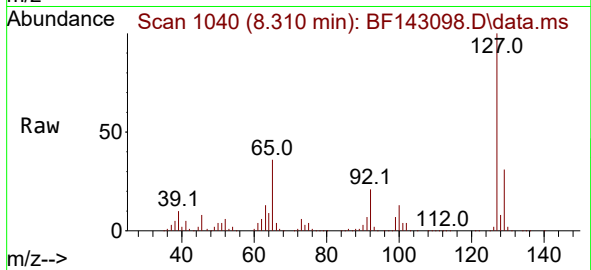
#33
4-Chloroaniline
Concen: 51.237 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



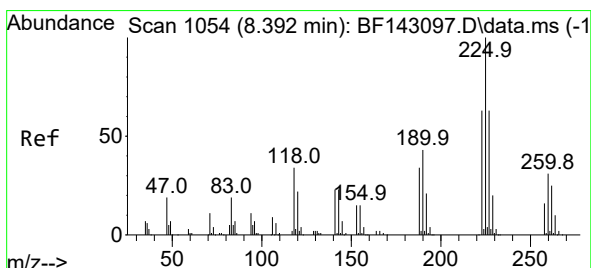
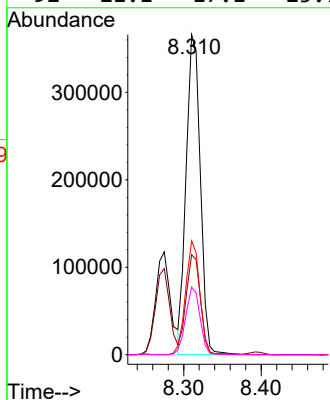
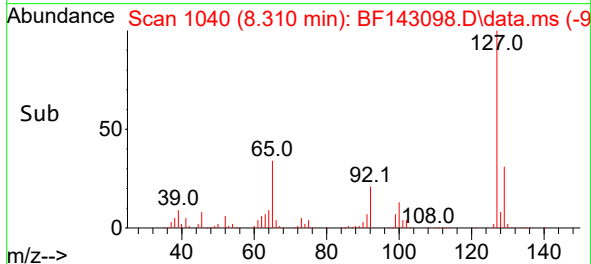
Tgt Ion:127 Resp: 467074
Ion Ratio Lower Upper
127 100
129 31.3 26.2 39.4
65 35.6 28.6 42.8
92 21.1 17.1 25.7

Manual Integrations

APPROVED

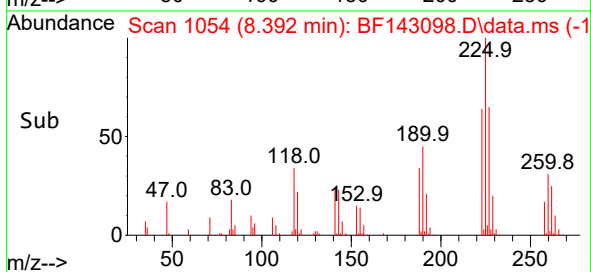
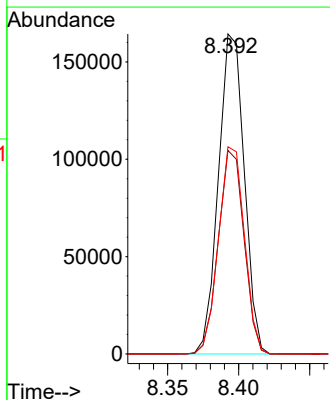
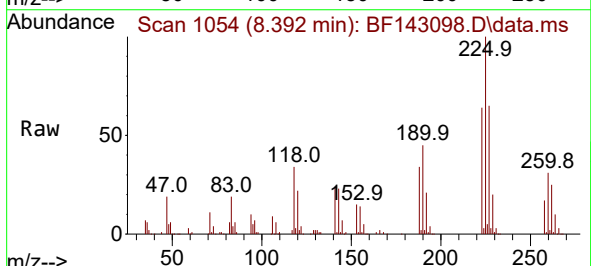
Reviewed By :Rahul Chavli 07/16/2025

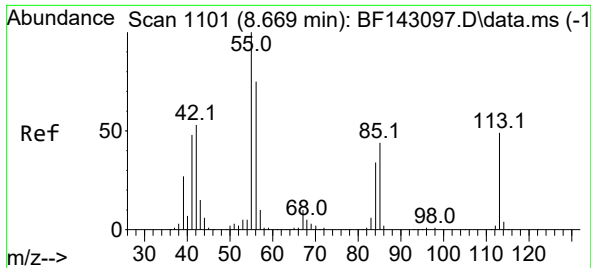
Supervised By :Jagrut Upadhyay 07/16/2025



#34
Hexachlorobutadiene
Concen: 51.263 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

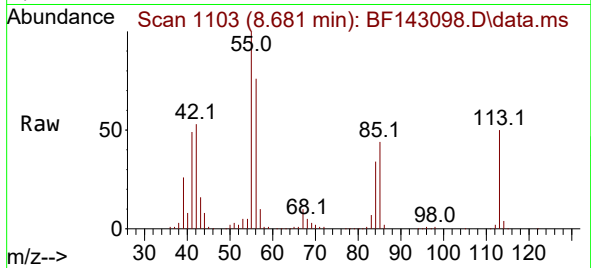
Tgt Ion:225 Resp: 207797
Ion Ratio Lower Upper
225 100
223 63.6 50.3 75.5
227 64.7 50.1 75.1





#35
 Caprolactam
 Concen: 53.162 ng
 RT: 8.681 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: BF143098.D
 Acq: 15 Jul 2025 15:35

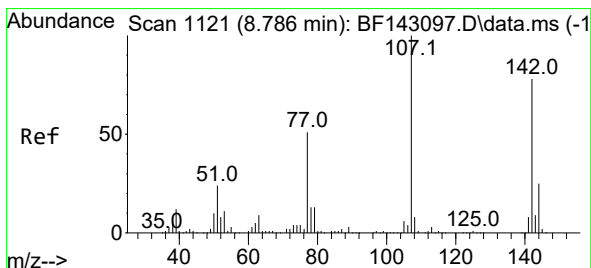
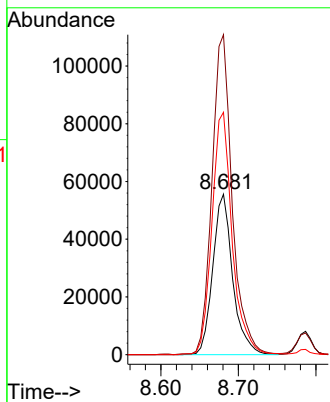
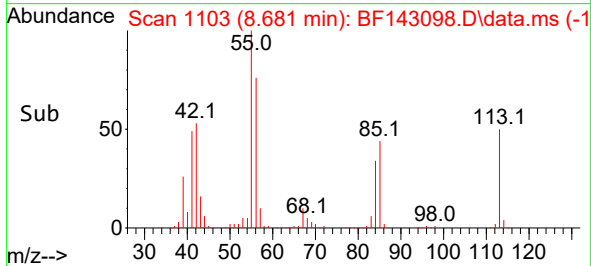
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



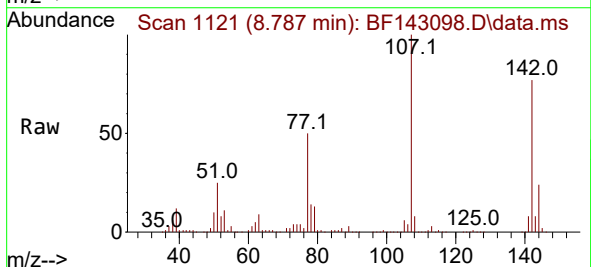
Tgt Ion:113 Resp: 99144
 Ion Ratio Lower Upper
 113 100
 55 199.4 186.2 226.2
 56 151.0 134.1 174.1

Manual Integrations
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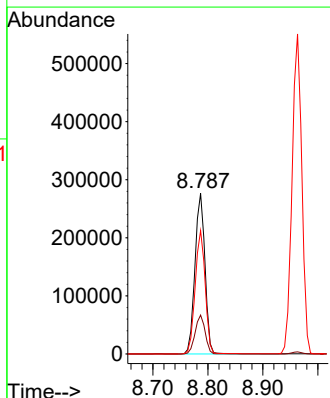
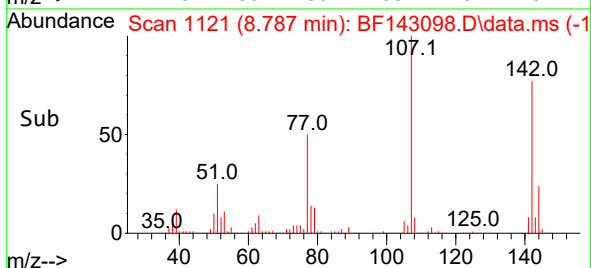
Reviewed By :Rahul Chavli 07/16/2025
 Supervised By :Jagrut Upadhyay 07/16/2025

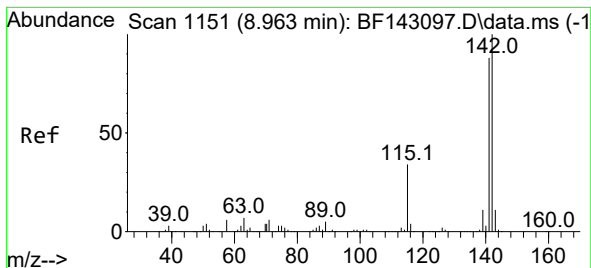


#36
 4-Chloro-3-methylphenol
 Concen: 52.746 ng
 RT: 8.787 min Scan# 1121
 Delta R.T. 0.000 min
 Lab File: BF143098.D
 Acq: 15 Jul 2025 15:35



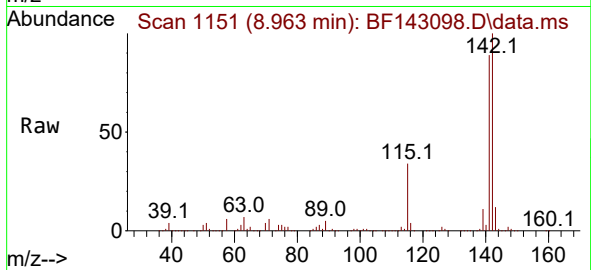
Tgt Ion:107 Resp: 350906
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.2 30.2
 142 76.8 62.4 93.6





#37
2-Methylnaphthalene
Concen: 50.410 ng
RT: 8.963 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

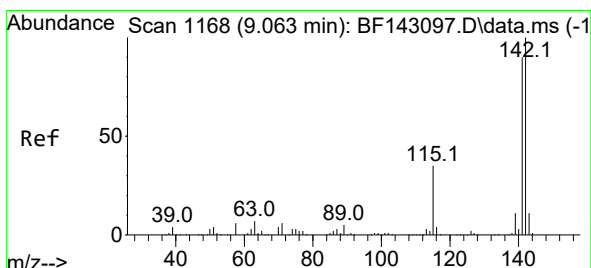
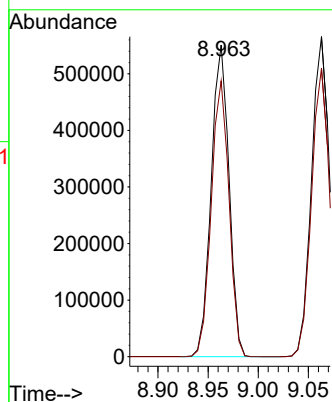
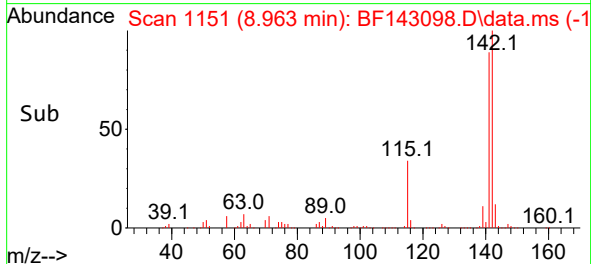
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:142 Resp: 681720
Ion Ratio Lower Upper
142 100
141 88.5 70.2 105.2

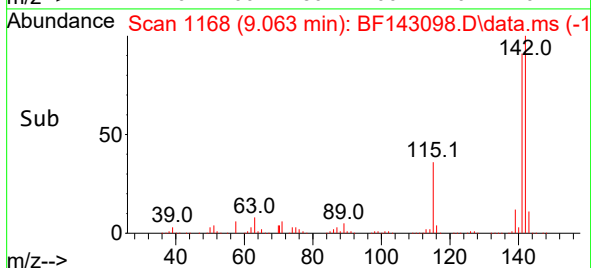
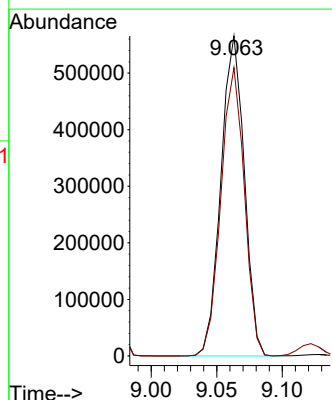
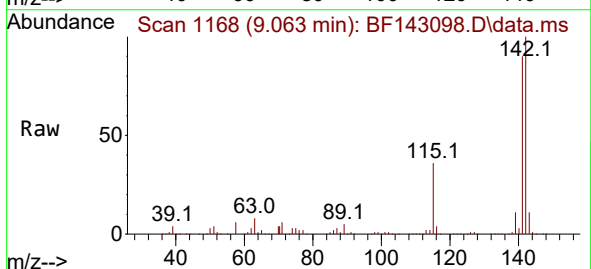
Manual Integrations
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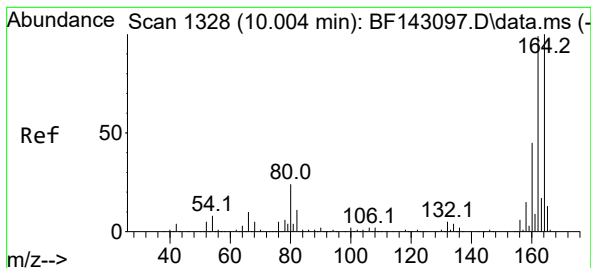
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#38
1-Methylnaphthalene
Concen: 50.016 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:142 Resp: 701548
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143098.D

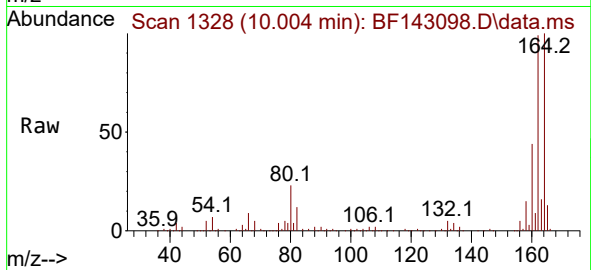
Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 223120

Ion Ratio Lower Upper

164 100

162 99.3 79.0 118.6

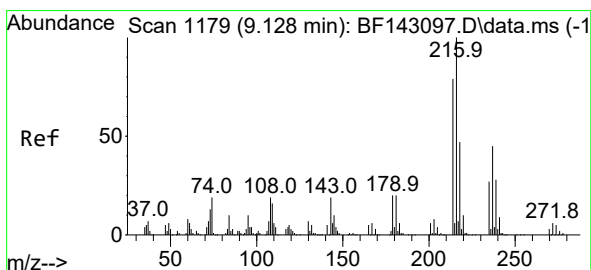
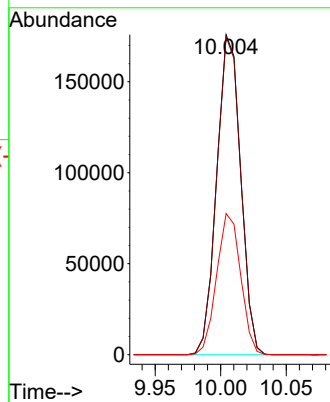
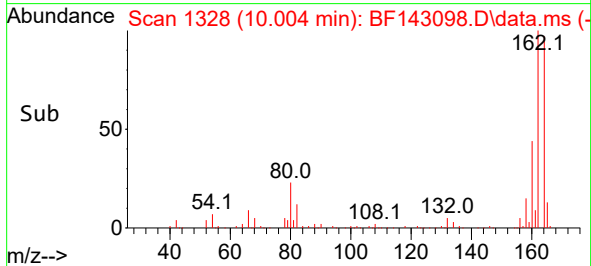
160 44.1 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.551 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143098.D

Acq: 15 Jul 2025 15:35

Tgt Ion:216 Resp: 335206

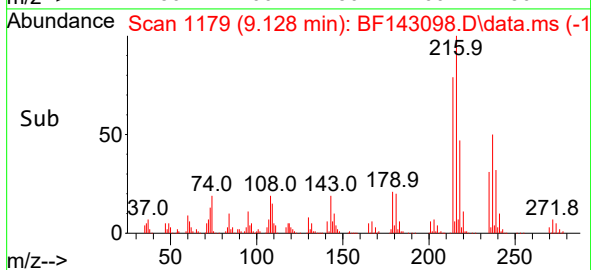
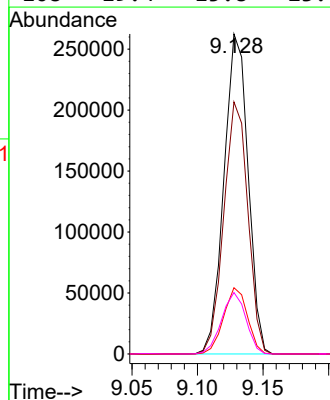
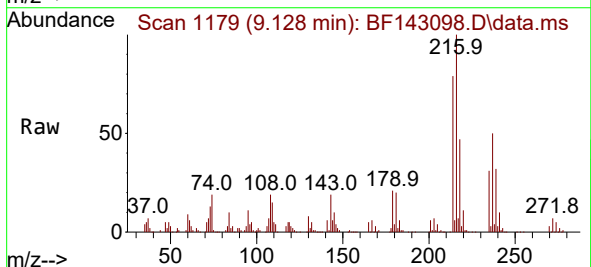
Ion Ratio Lower Upper

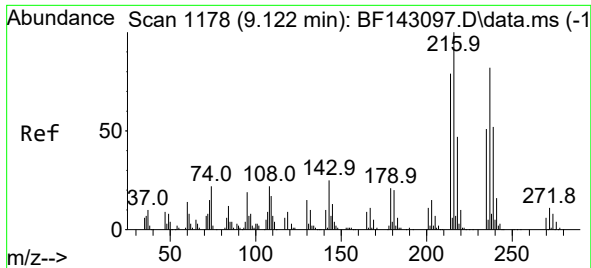
216 100

214 78.5 62.6 94.0

179 20.5 16.2 24.2

108 19.4 15.8 23.6





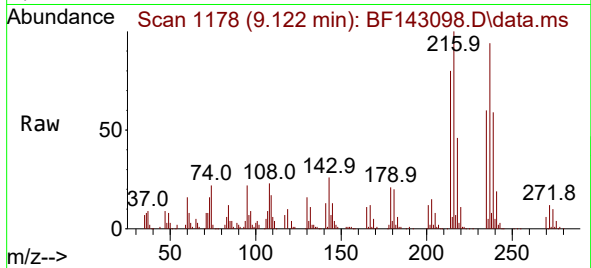
#41
Hexachlorocyclopentadiene
Concen: 55.147 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



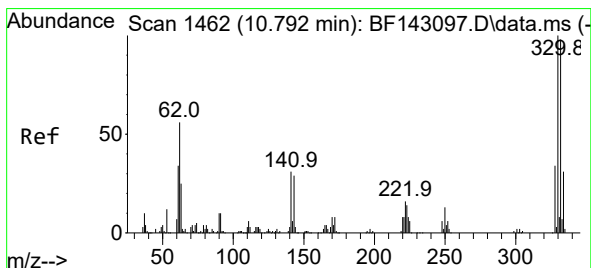
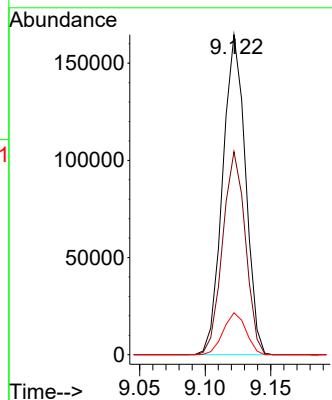
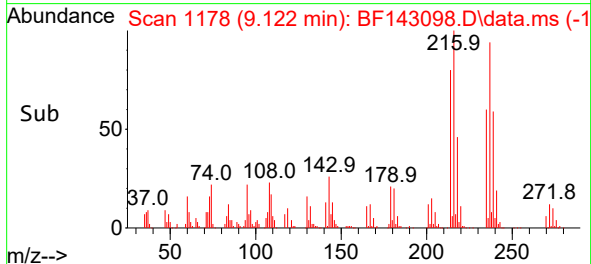
Tgt Ion:237 Resp: 19881
Ion Ratio Lower Upper
237 100
235 63.4 41.6 81.6
272 13.1 0.0 32.9

Manual Integrations

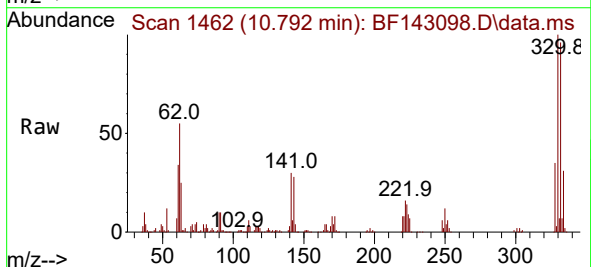
APPROVED

Reviewed By :Rahul Chavli 07/16/2025

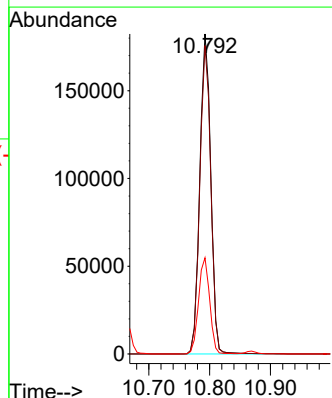
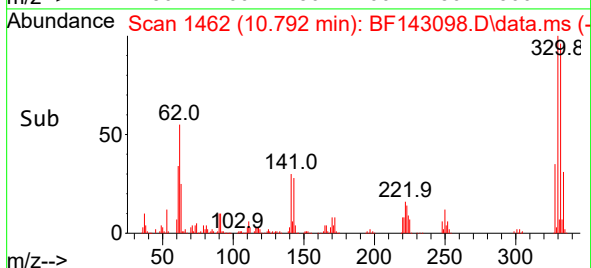
Supervised By :Jagrut Upadhyay 07/16/2025

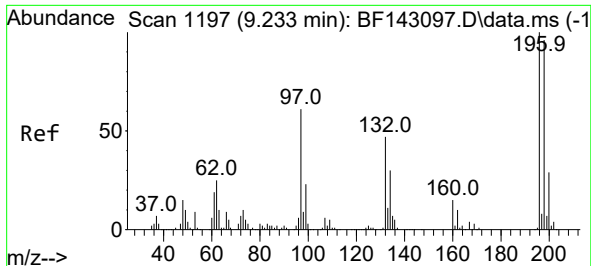


#42
2,4,6-Tribromophenol
Concen: 114.439 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



Tgt Ion:330 Resp: 227678
Ion Ratio Lower Upper
330 100
332 96.3 77.9 116.9
141 30.5 25.9 38.9





#43

2,4,6-Trichlorophenol

Concen: 55.226 ng

RT: 9.234 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF143098.D

Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:196 Resp: 22313

Ion Ratio Lower Upper

196 100

198 94.9 76.9 115.3

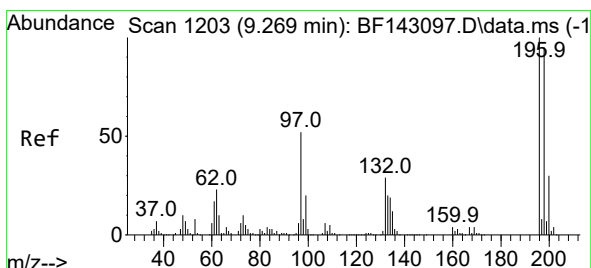
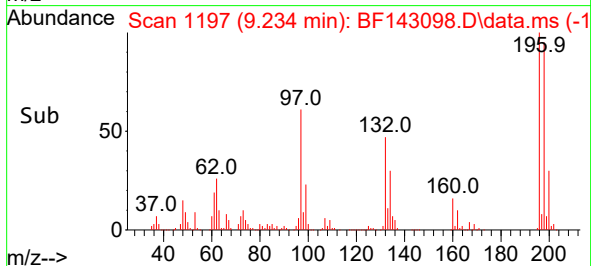
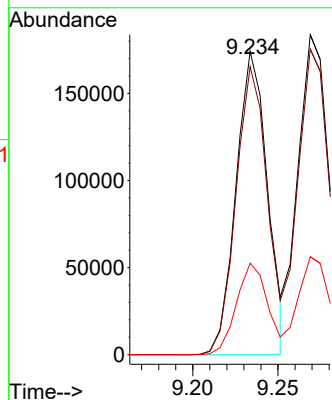
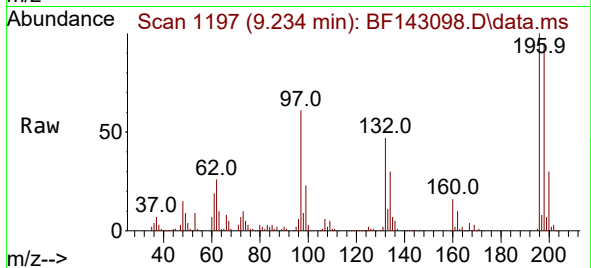
200 30.2 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#44

2,4,5-Trichlorophenol

Concen: 54.977 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143098.D

Acq: 15 Jul 2025 15:35

Tgt Ion:196 Resp: 232905

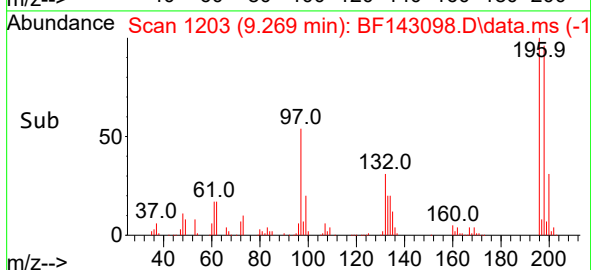
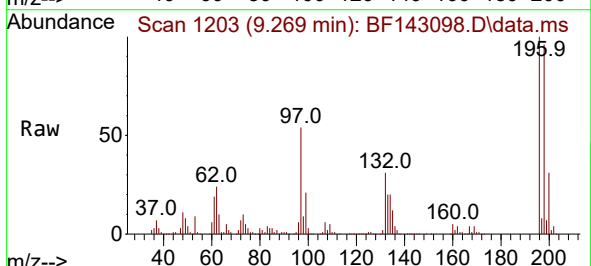
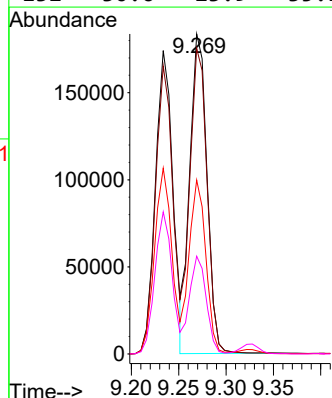
Ion Ratio Lower Upper

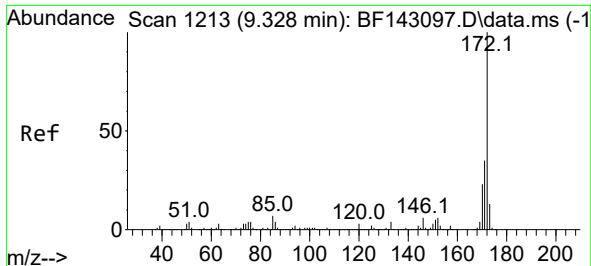
196 100

198 95.5 76.4 114.6

97 54.3 42.4 63.6

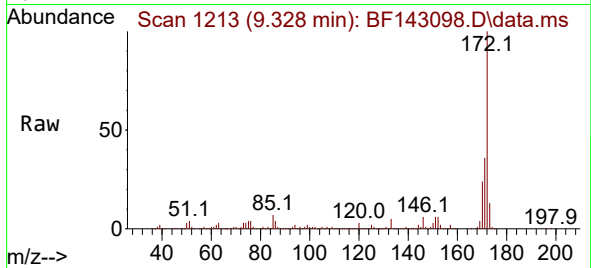
132 30.6 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 97.028 ng
RT: 9.328 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

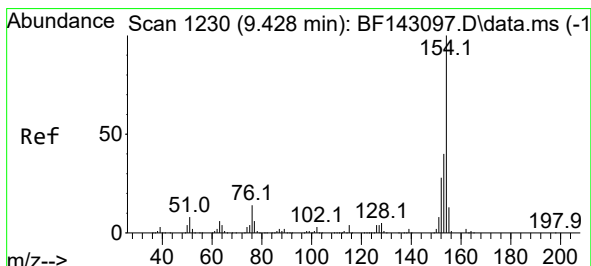
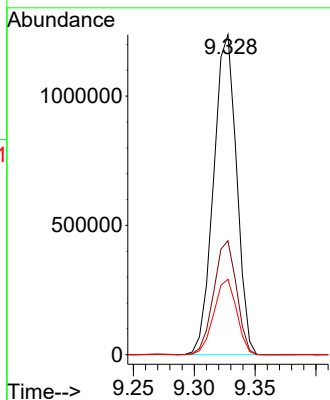
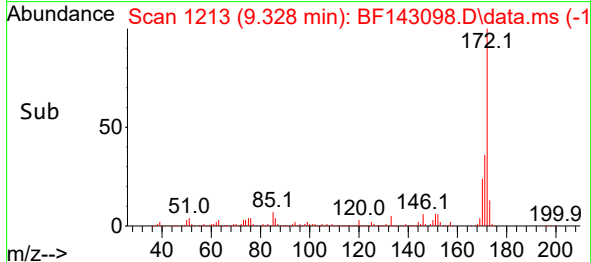
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



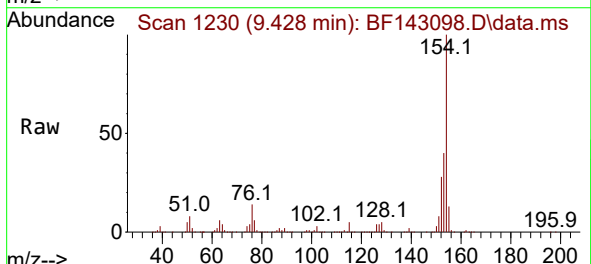
Tgt Ion:172 Resp: 1628659
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.6 18.6 28.0

Manual Integrations
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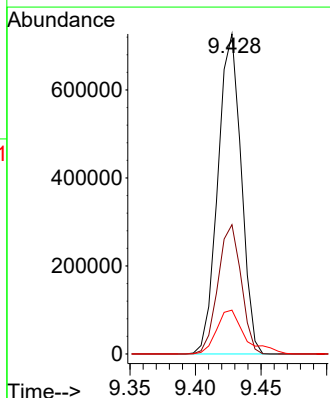
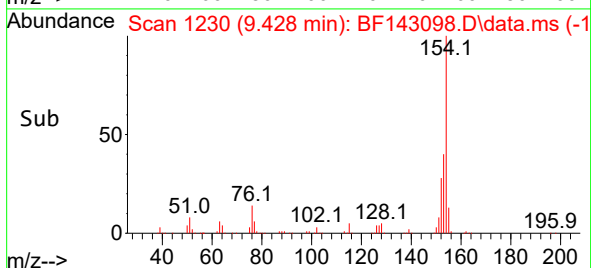
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

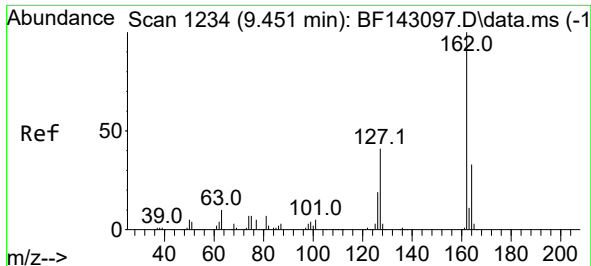


#46
1,1'-Biphenyl
Concen: 50.458 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



Tgt Ion:154 Resp: 897834
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 13.7 0.0 33.7





#47

2-Chloronaphthalene

Concen: 51.007 ng

RT: 9.451 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF143098.D

Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

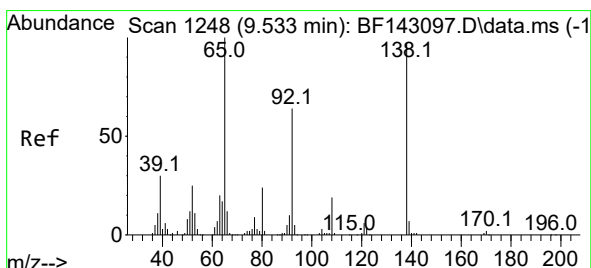
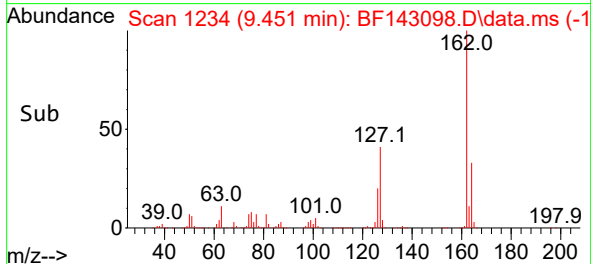
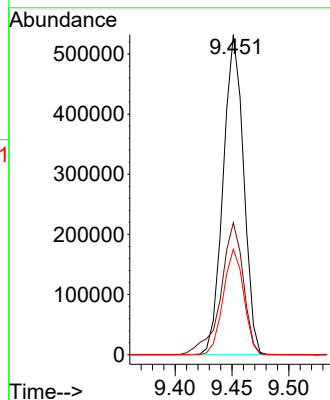
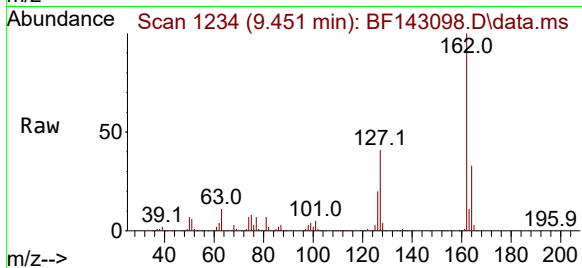
Tgt Ion:162 Resp: 666760
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.0 49.6
 164 33.0 26.1 39.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#48

2-Nitroaniline

Concen: 52.775 ng

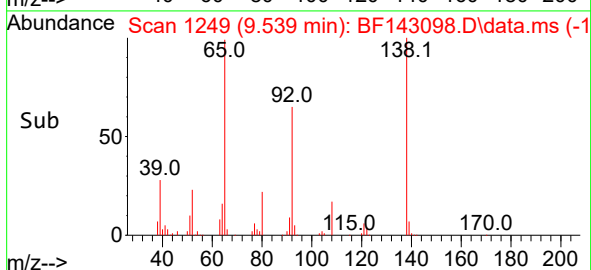
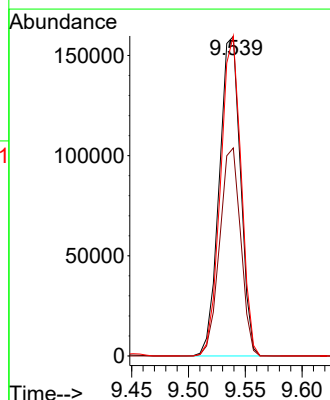
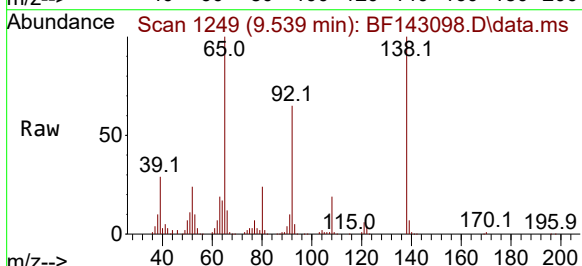
RT: 9.539 min Scan# 1249

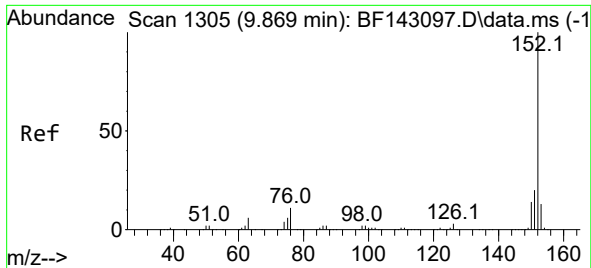
Delta R.T. 0.006 min

Lab File: BF143098.D

Acq: 15 Jul 2025 15:35

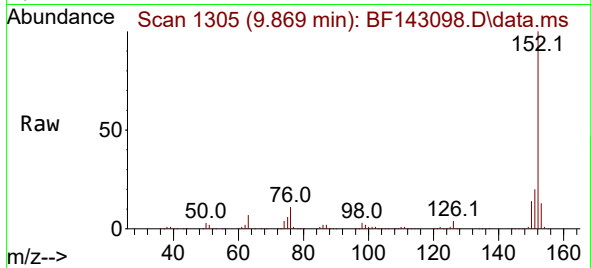
Tgt Ion: 65 Resp: 207291
 Ion Ratio Lower Upper
 65 100
 92 65.1 51.3 76.9
 138 100.2 77.8 116.6





#49
Acenaphthylene
Concen: 50.940 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

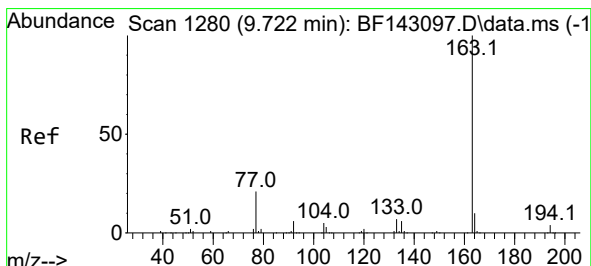
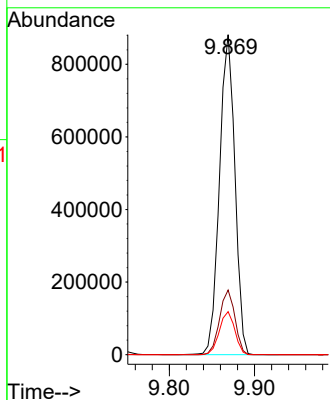
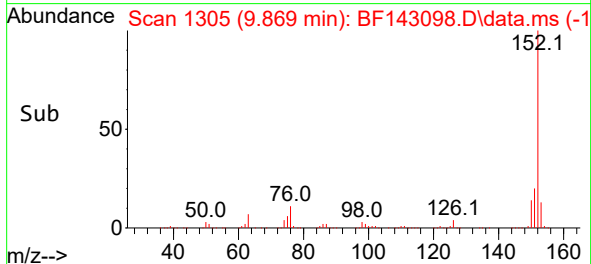
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



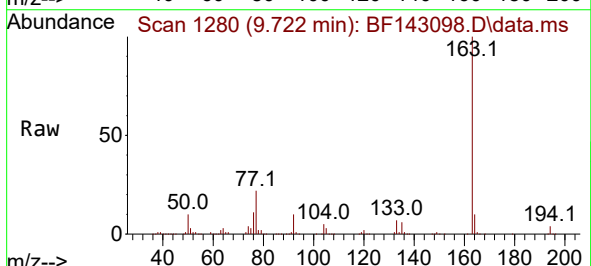
Tgt Ion:152 Resp: 1109580
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.4 10.4 15.6

Manual Integrations
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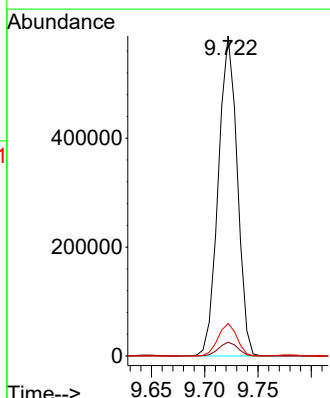
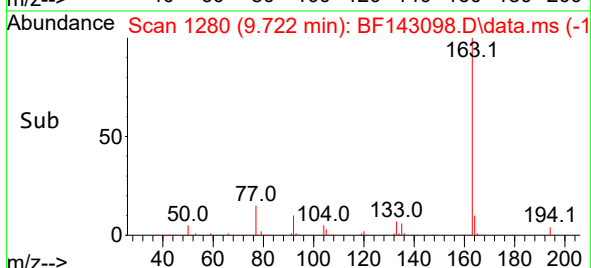
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

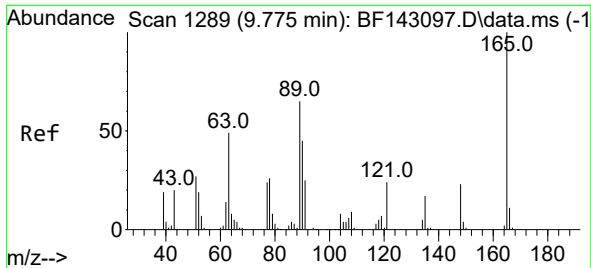


#50
Dimethylphthalate
Concen: 51.728 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



Tgt Ion:163 Resp: 726121
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.2 12.2





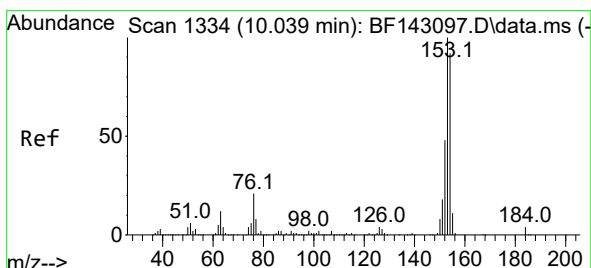
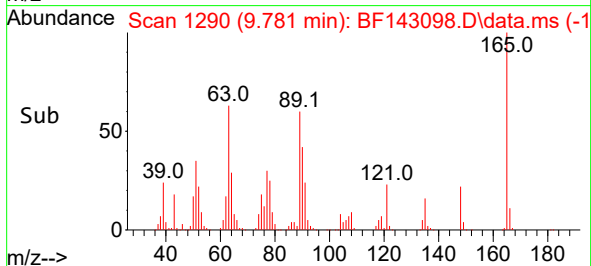
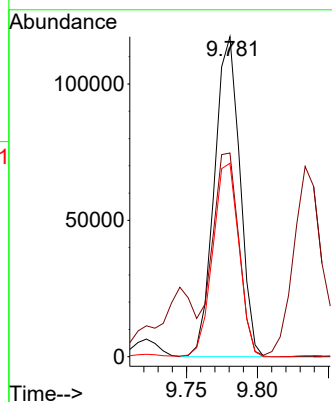
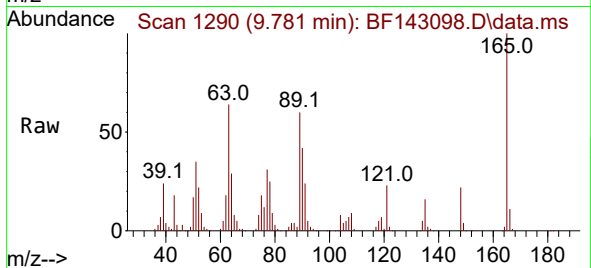
#51
2,6-Dinitrotoluene
Concen: 52.497 ng
RT: 9.781 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 146385
Ion Ratio Lower Upper
165 100
63 63.7 57.4 86.0
89 60.4 51.8 77.8

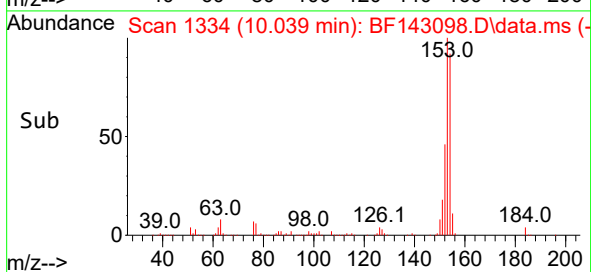
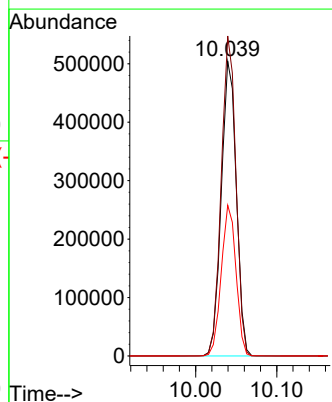
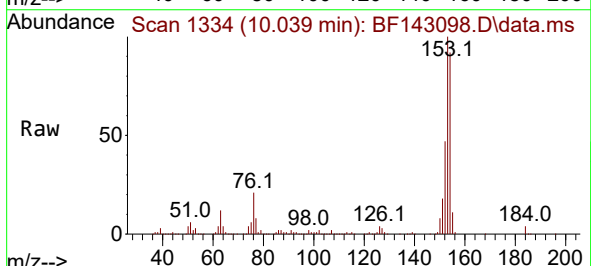
Manual Integrations
APPROVED

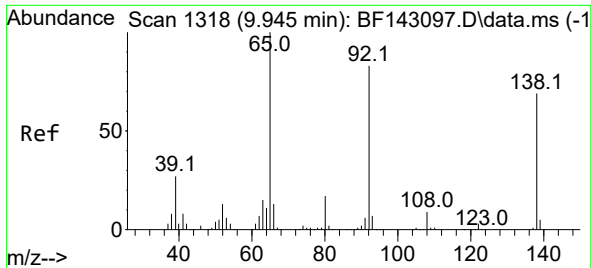
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#52
Acenaphthene
Concen: 50.669 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:154 Resp: 651291
Ion Ratio Lower Upper
154 100
153 108.6 86.7 130.1
152 51.1 41.4 62.2





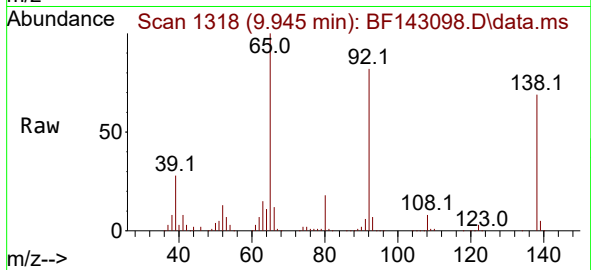
#53
3-Nitroaniline
Concen: 58.553 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



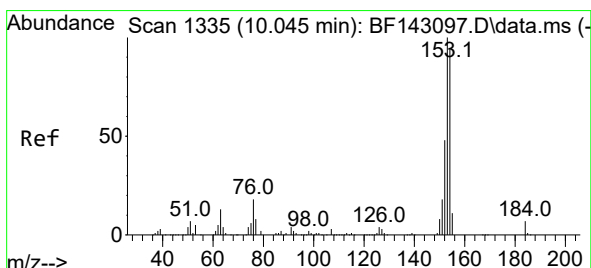
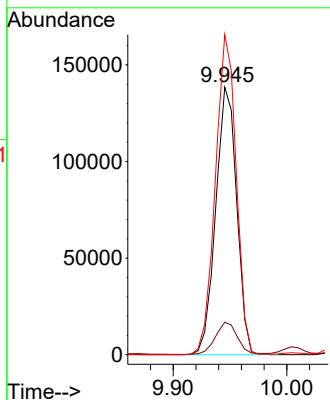
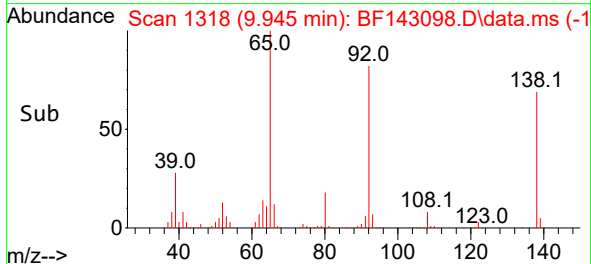
Tgt Ion:138 Resp: 177602
Ion Ratio Lower Upper
138 100
108 12.1 10.1 15.1
92 119.6 96.4 144.6

Manual Integrations

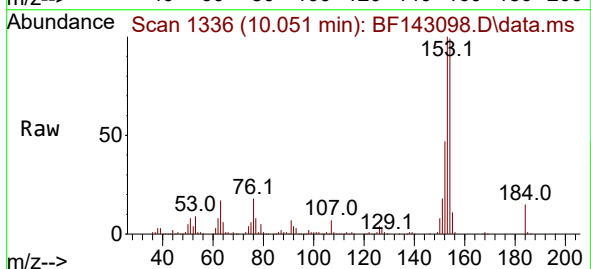
APPROVED

Reviewed By :Rahul Chavli 07/16/2025

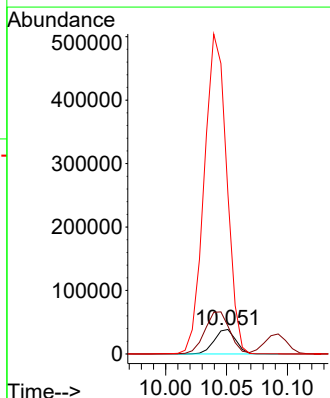
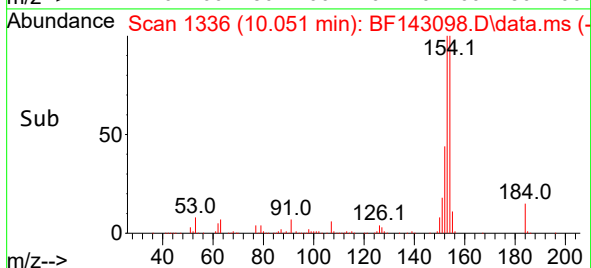
Supervised By :Jagrut Upadhyay 07/16/2025

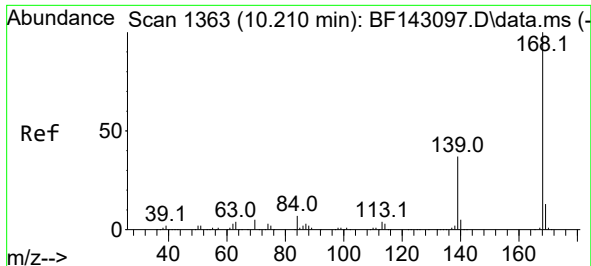


#54
2,4-Dinitrophenol
Concen: 51.931 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



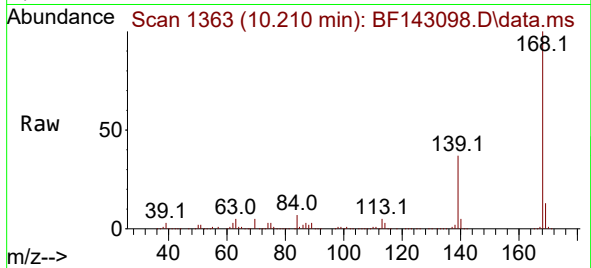
Tgt Ion:184 Resp: 47800
Ion Ratio Lower Upper
184 100
63 113.4 149.3 223.9#
154 651.1 1048.0 1572.0#





#55
Dibenzenofuran
Concen: 50.344 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

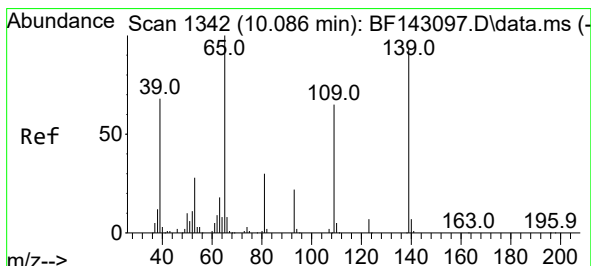
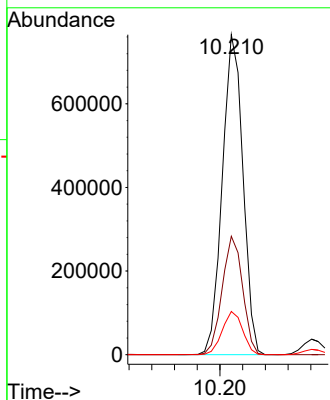
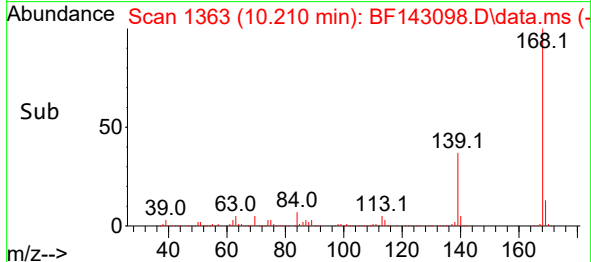
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 96454
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.6
169 13.5 10.8 16.2

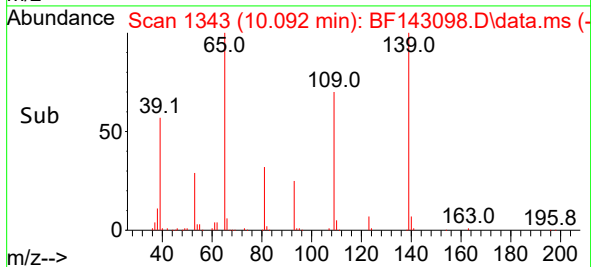
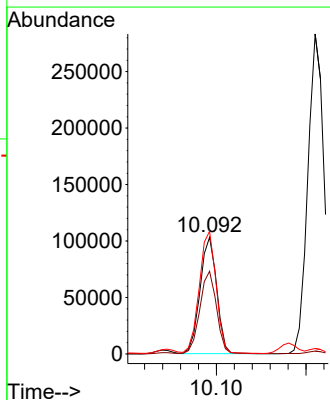
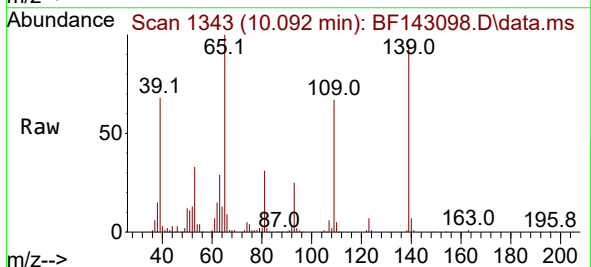
Manual Integrations
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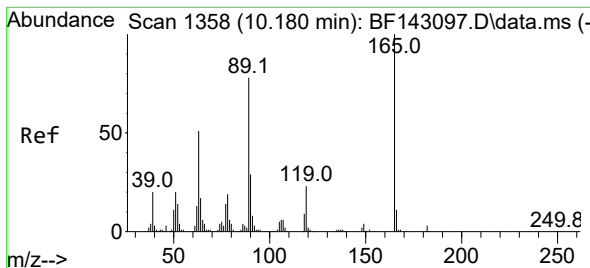
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#56
4-Nitrophenol
Concen: 55.203 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

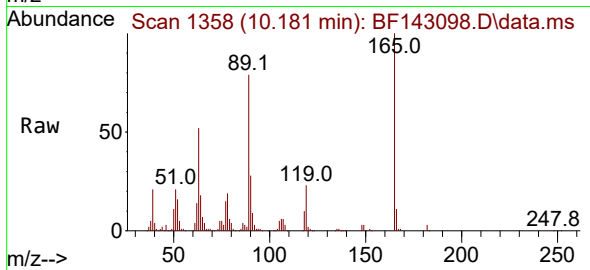
Tgt Ion:139 Resp: 133073
Ion Ratio Lower Upper
139 100
109 70.9 49.4 89.4
65 105.2 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 52.116 ng
RT: 10.181 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

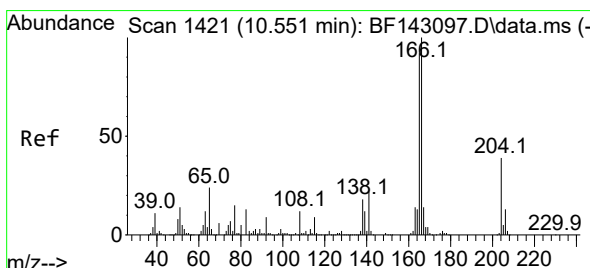
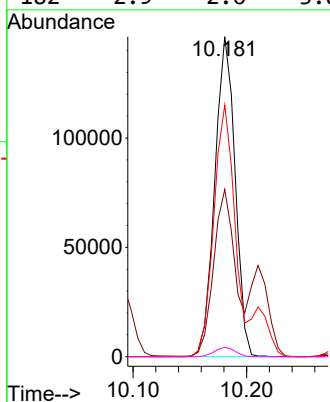
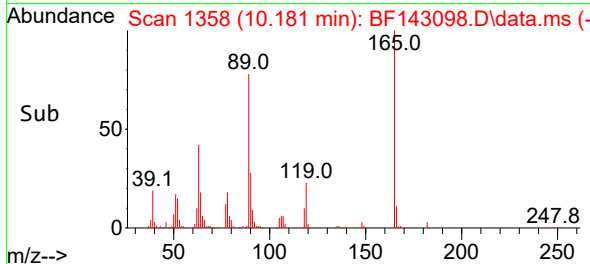
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



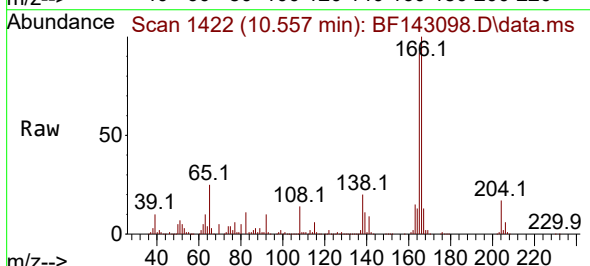
Tgt Ion:165 Resp: 181610
Ion Ratio Lower Upper
165 100
63 52.2 40.6 61.0
89 78.6 62.3 93.5
182 2.9 2.6 3.8

Manual Integrations
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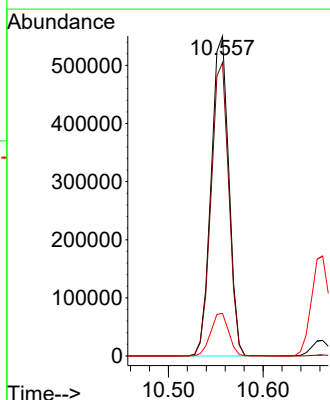
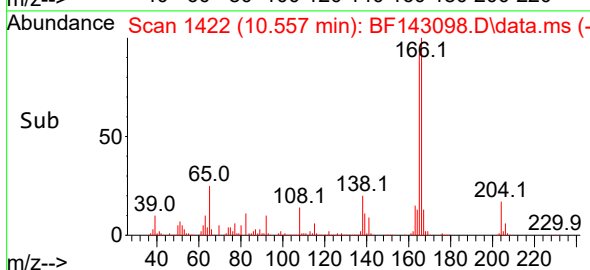
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

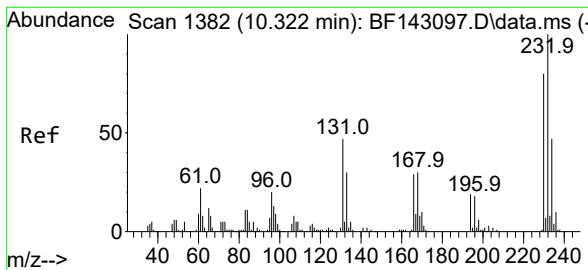


#58
Fluorene
Concen: 49.859 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



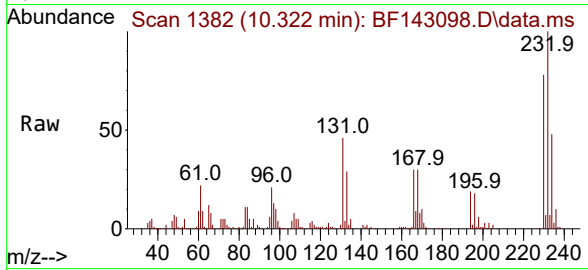
Tgt Ion:166 Resp: 716173
Ion Ratio Lower Upper
166 100
165 91.7 73.7 110.5
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.202 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

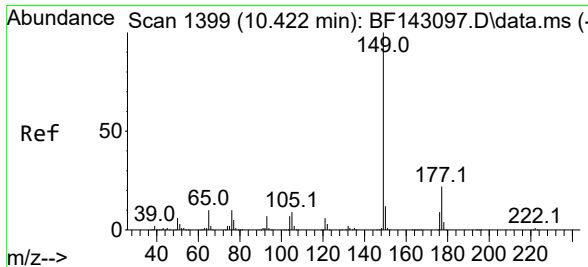
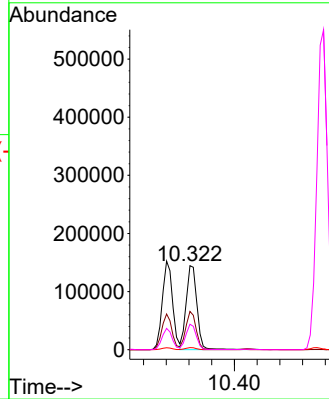
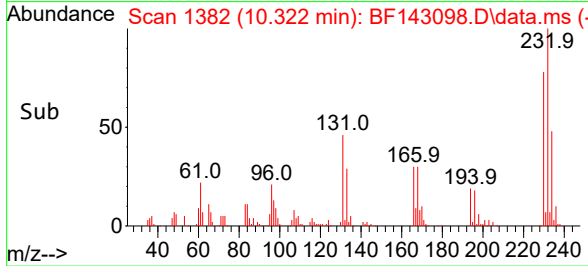
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



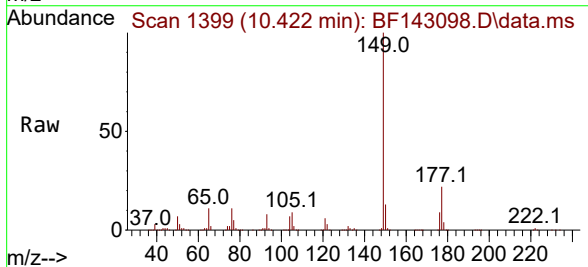
Tgt Ion:232 Resp: 18921
Ion Ratio Lower Upper
232 100
131 43.8 36.9 55.3
130 2.3 1.8 2.8
166 28.8 23.0 34.6

Manual Integrations
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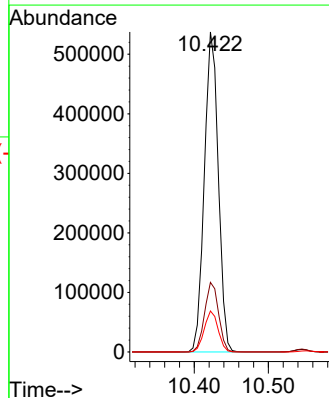
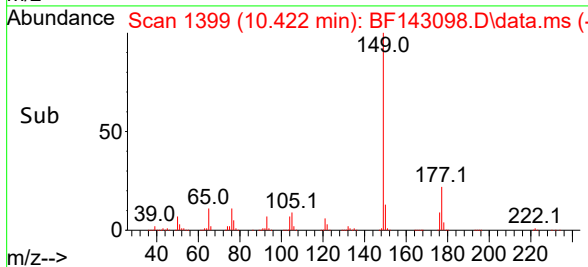
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

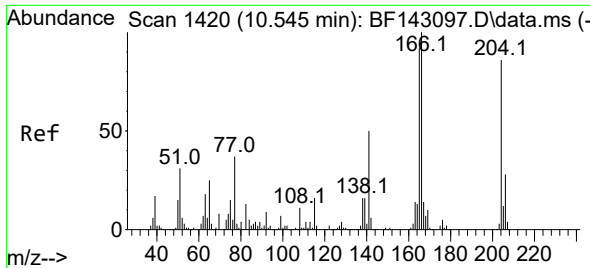


#60
Diethylphthalate
Concen: 51.909 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



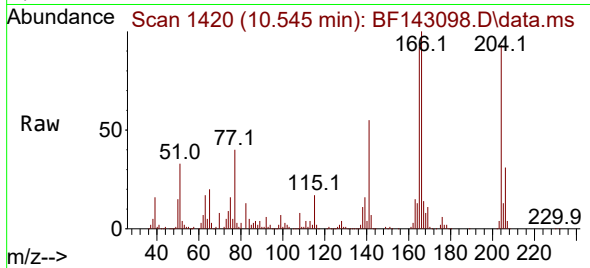
Tgt Ion:149 Resp: 702995
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 50.675 ng
RT: 10.545 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

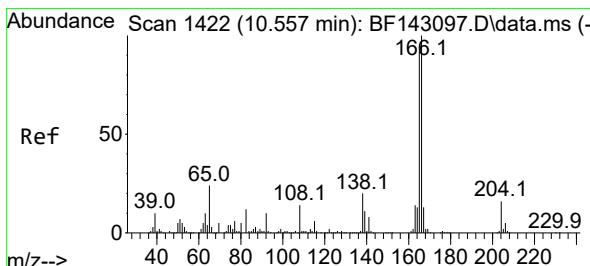
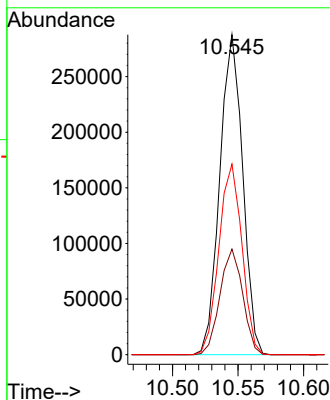
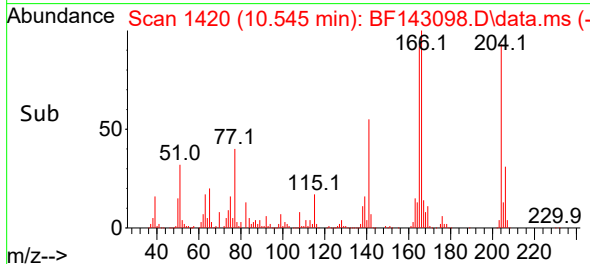
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



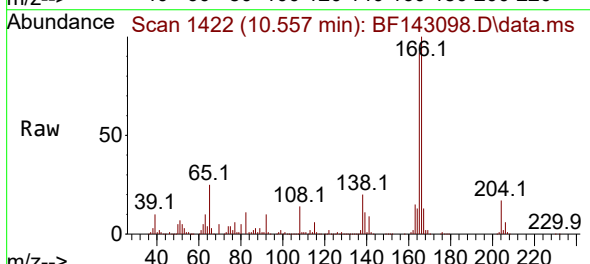
Tgt Ion:204 Resp: 348870
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 59.6 46.8 70.2

Manual Integrations
APPROVED

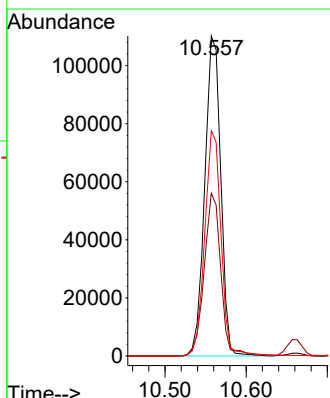
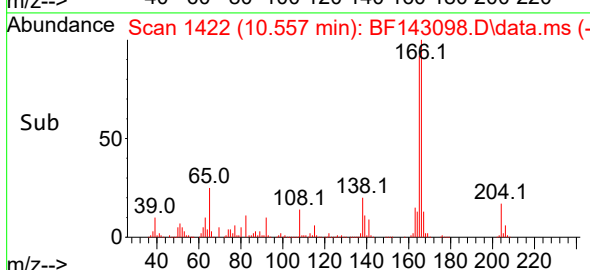
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

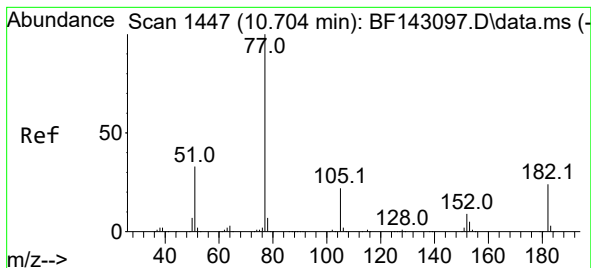


#62
4-Nitroaniline
Concen: 57.045 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



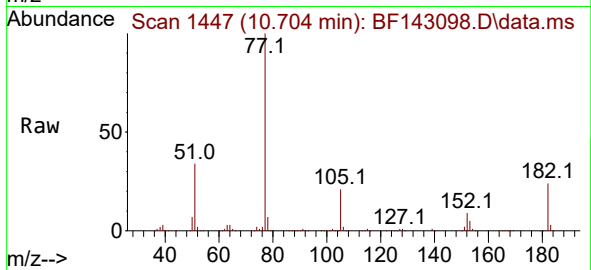
Tgt Ion:138 Resp: 150470
Ion Ratio Lower Upper
138 100
92 50.9 30.4 70.4
108 70.3 49.5 89.5





#63
Azobenzene
Concen: 51.451 ng
RT: 10.704 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

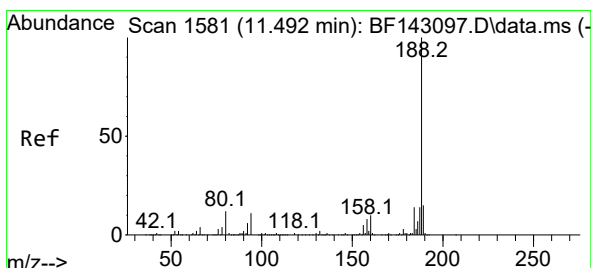
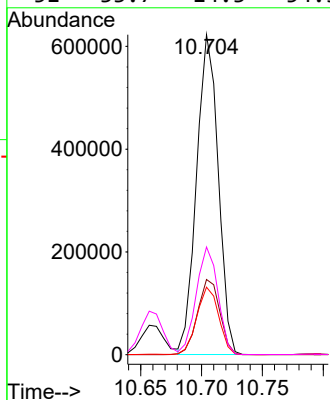
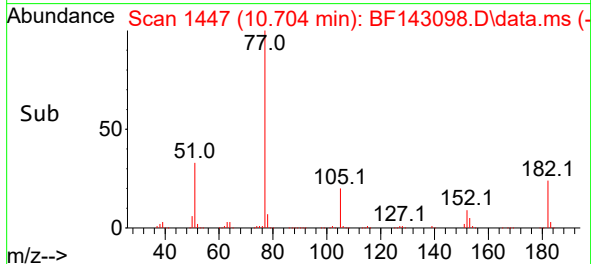
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



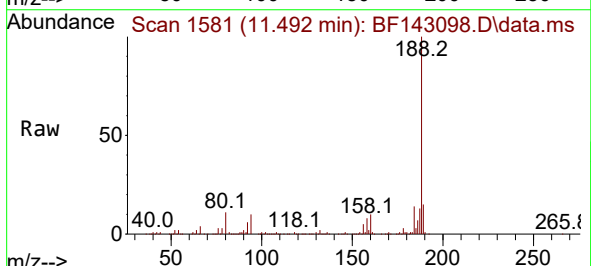
Tgt Ion: 77 Resp: 77060
Ion Ratio Lower Upper
77 100
182 23.5 4.0 44.0
105 21.1 1.4 41.4
51 33.7 14.3 54.3

Manual Integrations
APPROVED

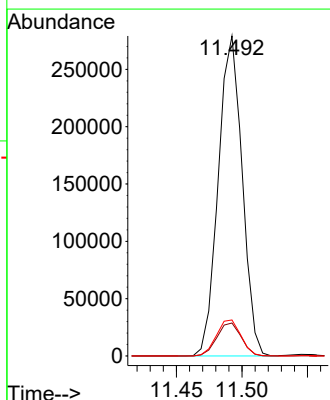
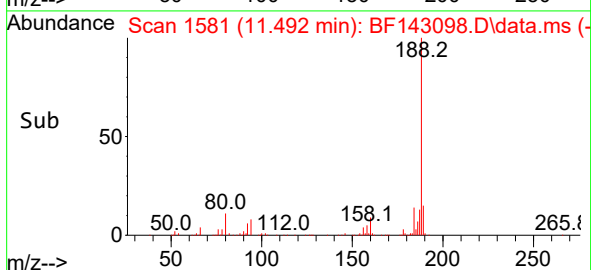
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

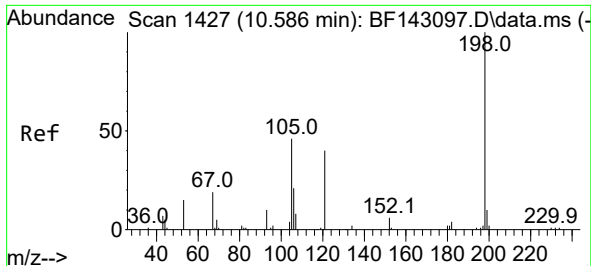


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



Tgt Ion:188 Resp: 354075
Ion Ratio Lower Upper
188 100
94 10.3 8.6 13.0
80 11.3 9.3 13.9





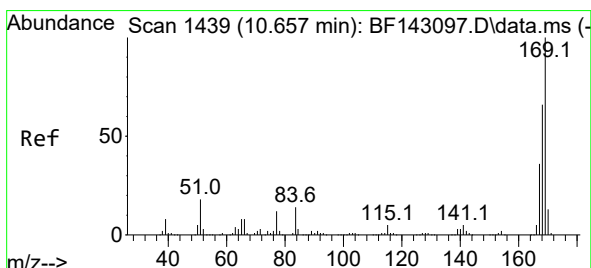
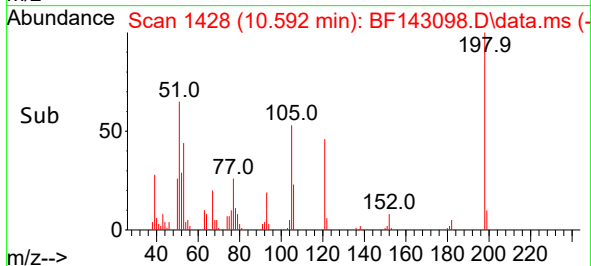
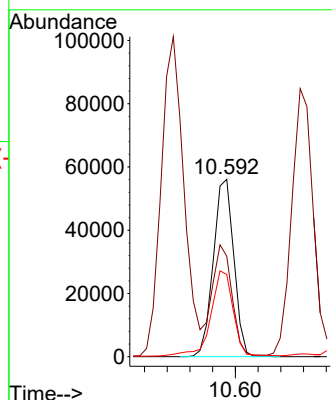
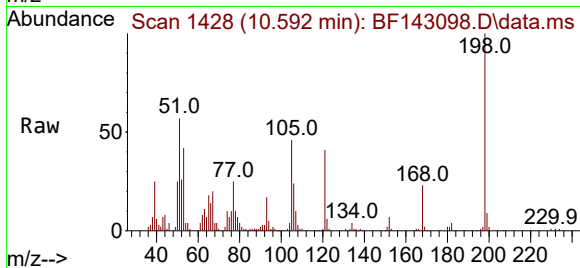
#65
4,6-Dinitro-2-methylphenol
Concen: 51.847 ng
RT: 10.592 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 70324
Ion Ratio Lower Upper
198 100
51 56.6 44.6 84.6
105 46.4 29.3 69.3

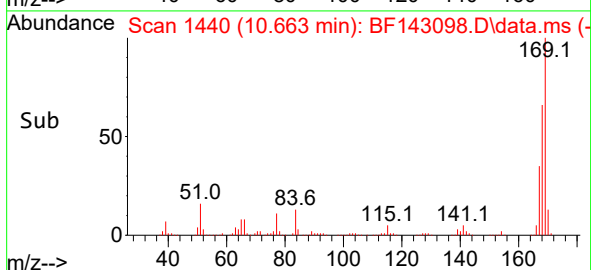
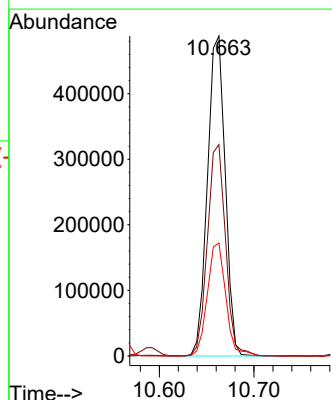
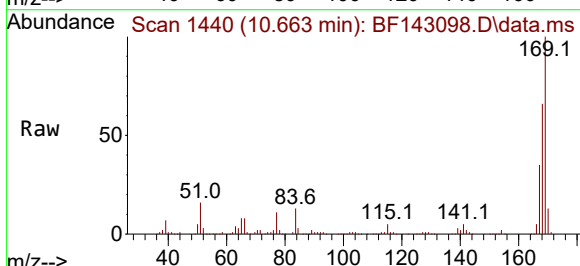
Manual Integrations
APPROVED

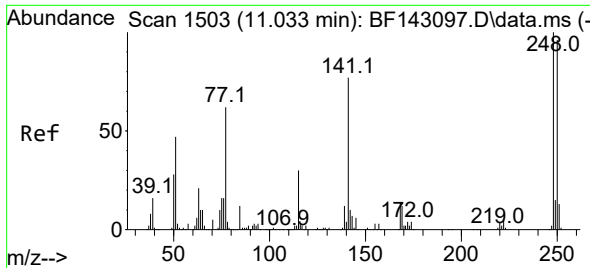
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#66
n-Nitrosodiphenylamine
Concen: 51.019 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:169 Resp: 634539
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.6
167 35.3 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 52.494 ng
RT: 11.034 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

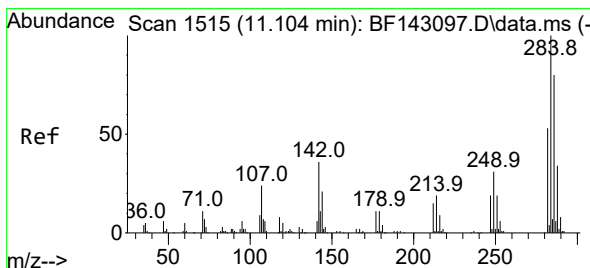
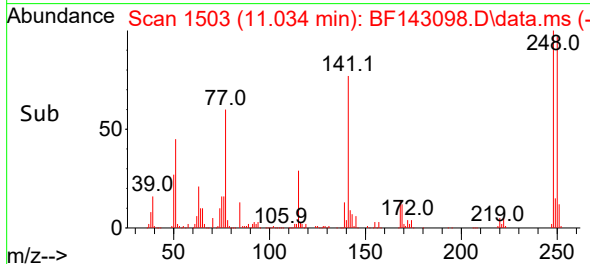
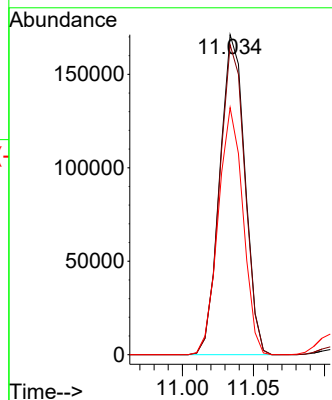
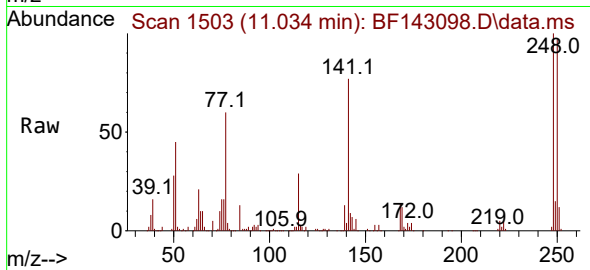
Tgt Ion:248 Resp: 21137
Ion Ratio Lower Upper
248 100
250 96.9 76.7 115.1
141 77.2 61.7 92.5

Manual Integrations

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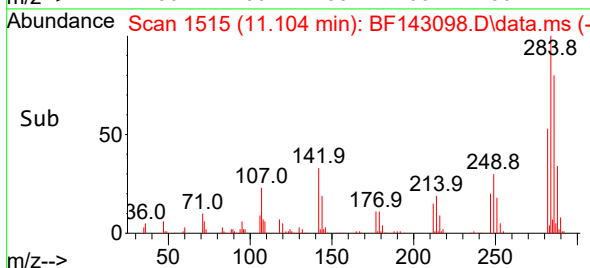
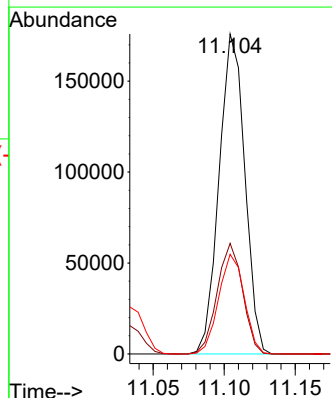
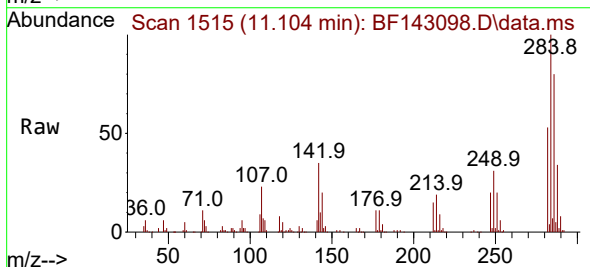
Reviewed By :Rahul Chavli 07/16/2025

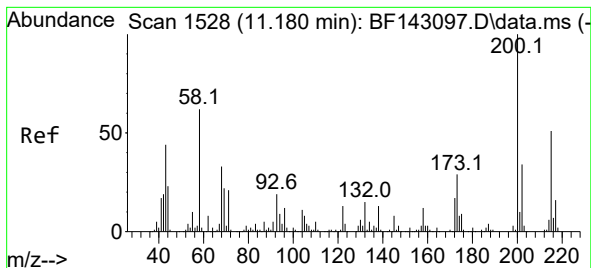
Supervised By :Jagrut Upadhyay 07/16/2025



#68
Hexachlorobenzene
Concen: 51.785 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:284 Resp: 221245
Ion Ratio Lower Upper
284 100
142 34.5 28.9 43.3
249 31.1 24.6 37.0





#69

Atrazine

Concen: 54.359 ng

RT: 11.181 min Scan# 1528

Delta R.T. 0.000 min

Lab File: BF143098.D

Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 172972

Ion Ratio Lower Upper

200 100

173 29.0 9.1 49.1

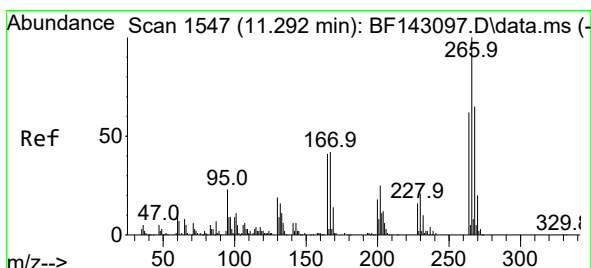
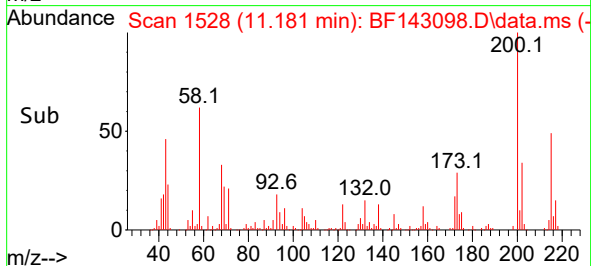
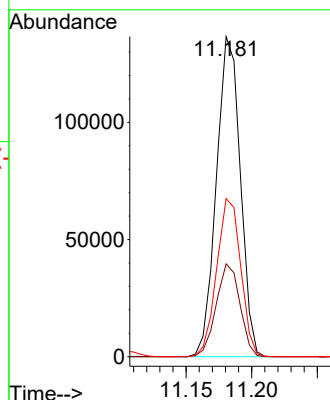
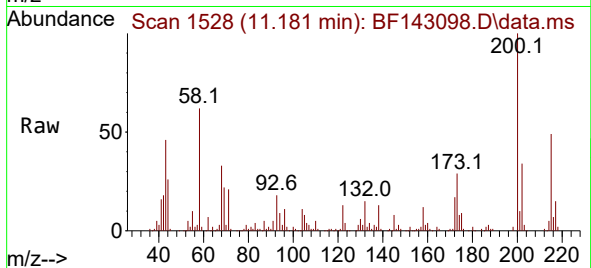
215 49.4 31.0 71.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#70

Pentachlorophenol

Concen: 56.120 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF143098.D

Acq: 15 Jul 2025 15:35

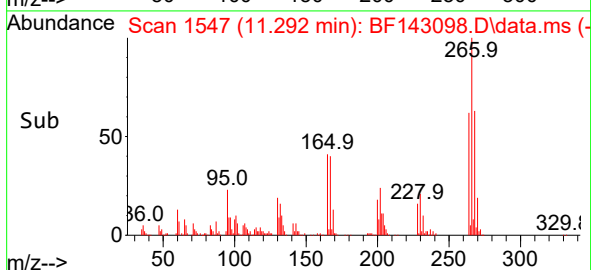
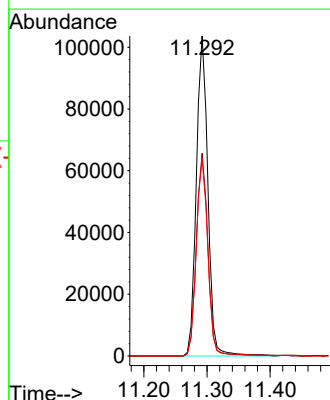
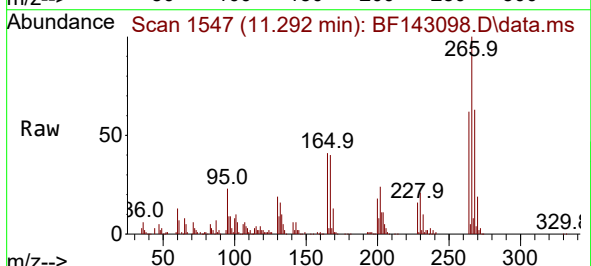
Tgt Ion:266 Resp: 131545

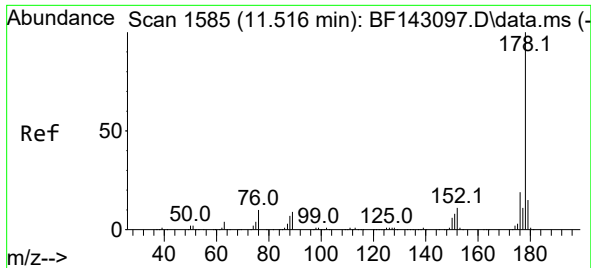
Ion Ratio Lower Upper

266 100

268 63.3 51.8 77.6

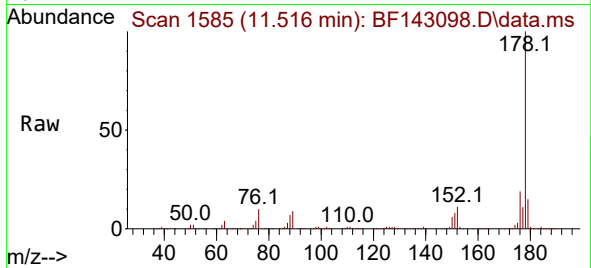
264 61.7 49.7 74.5





#71
Phenanthrene
Concen: 50.425 ng
RT: 11.516 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

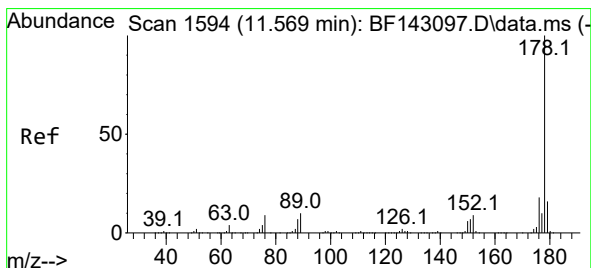
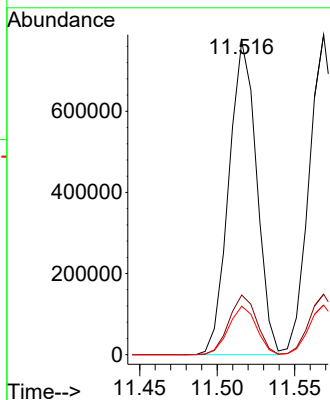
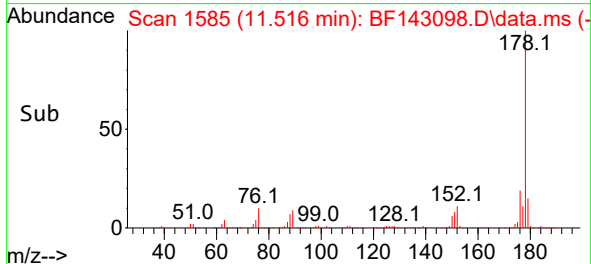
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



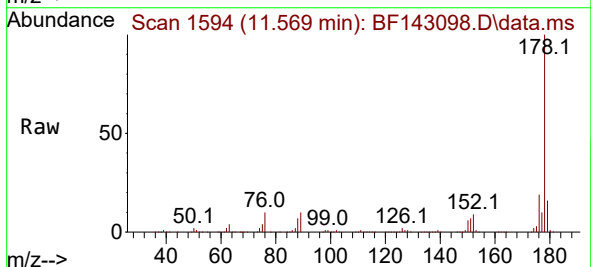
Tgt Ion:178 Resp: 963568
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.5 12.2 18.4

Manual Integrations
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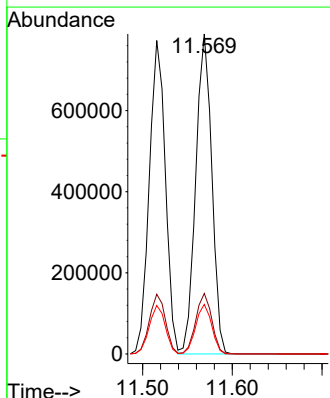
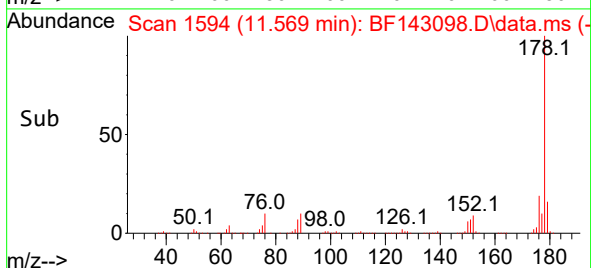
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

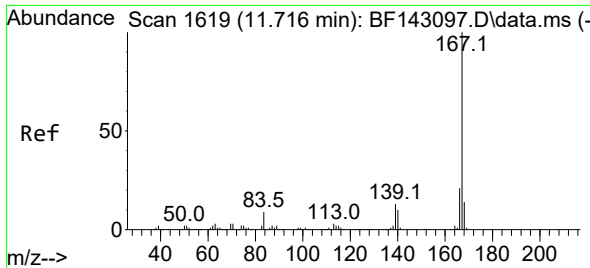


#72
Anthracene
Concen: 50.953 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



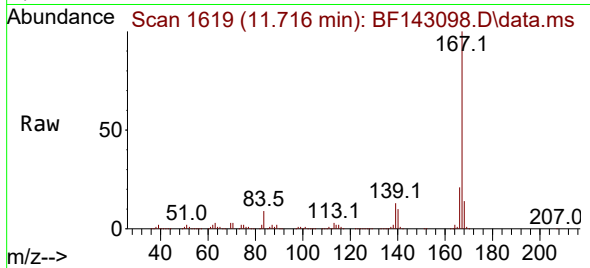
Tgt Ion:178 Resp: 979118
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 51.340 ng
 RT: 11.716 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: BF143098.D
 Acq: 15 Jul 2025 15:35

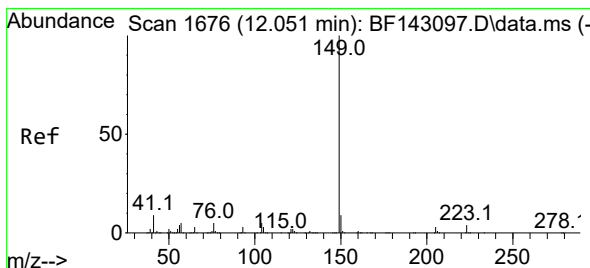
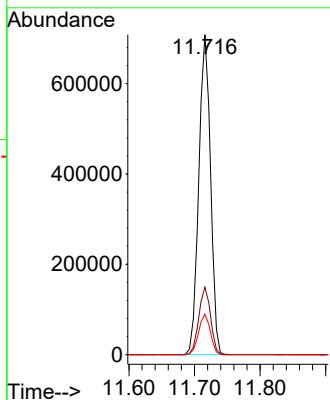
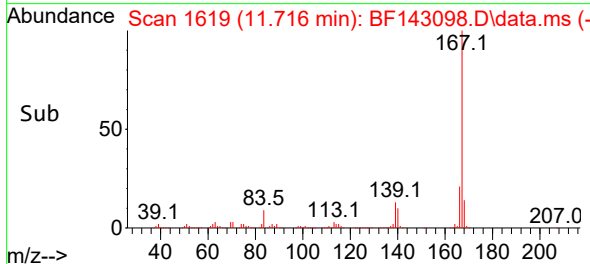
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



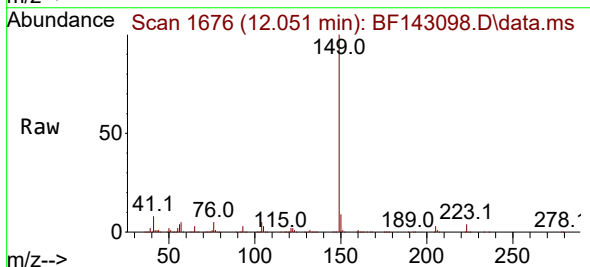
Tgt Ion:167 Resp: 88382
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 12.7 10.2 15.4

Manual Integrations
 APPROVED

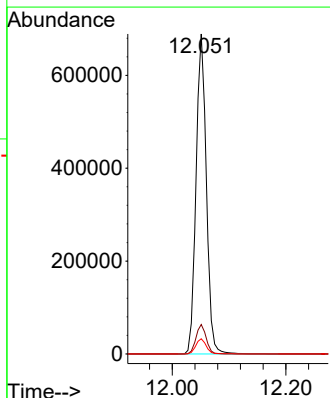
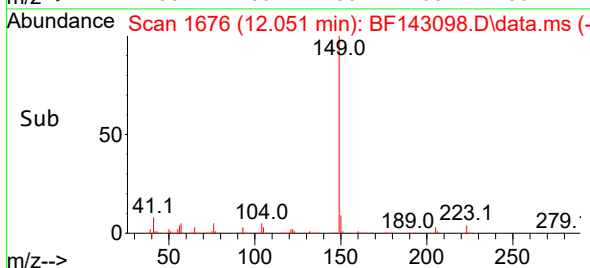
Reviewed By :Rahul Chavli 07/16/2025
 Supervised By :Jagrut Upadhyay 07/16/2025

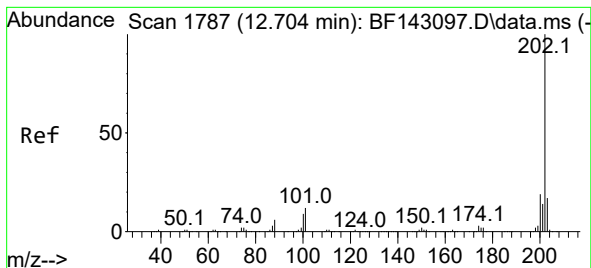


#74
 Di-n-butylphthalate
 Concen: 55.079 ng
 RT: 12.051 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF143098.D
 Acq: 15 Jul 2025 15:35



Tgt Ion:149 Resp: 870362
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 50.852 ng

RT: 12.704 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BF143098.D

Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

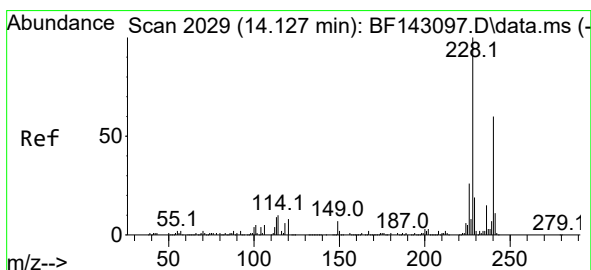
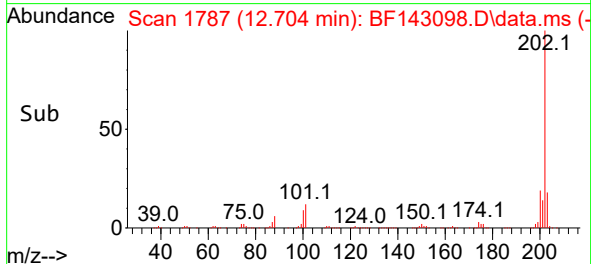
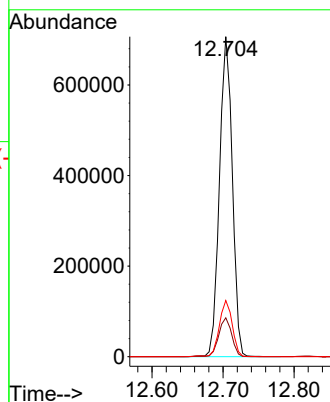
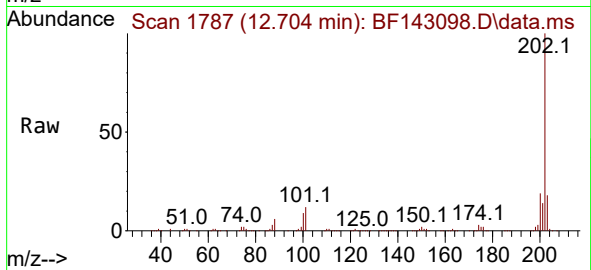
Tgt Ion:	202	Resp:	883558
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.4
203	17.5	0.0	37.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/16/2025

Supervised By :Jagrut Upadhyay 07/16/2025



#76

Chrysene-d12

Concen: 20.000 ng

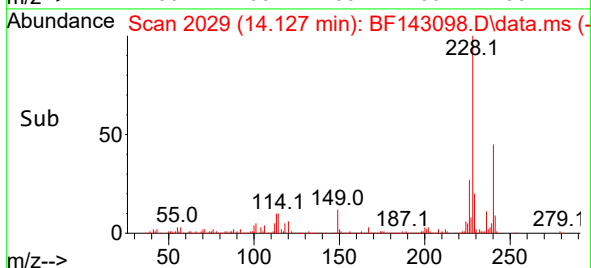
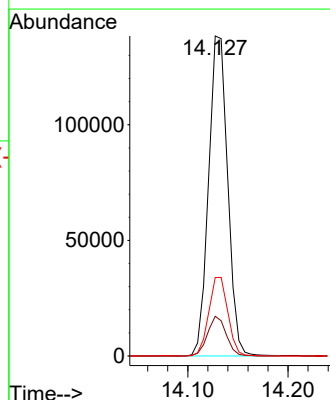
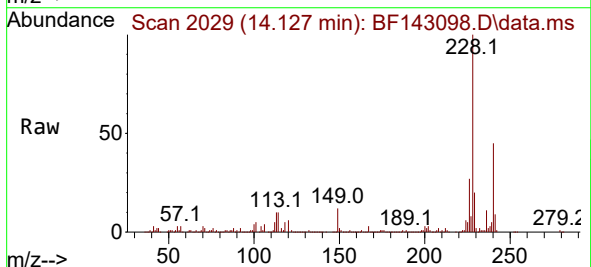
RT: 14.127 min Scan# 2029

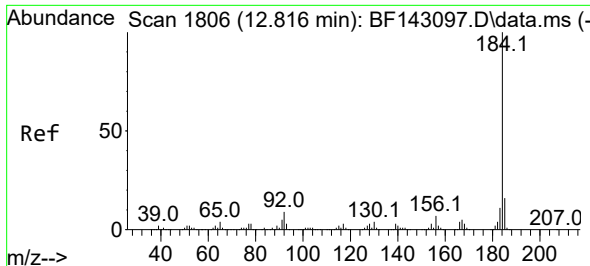
Delta R.T. 0.000 min

Lab File: BF143098.D

Acq: 15 Jul 2025 15:35

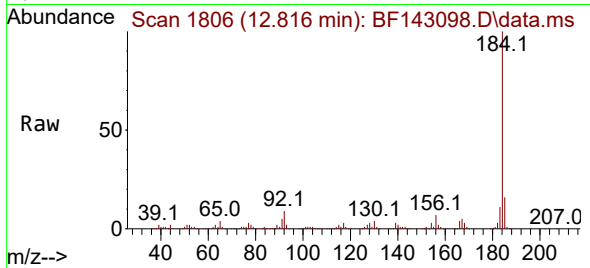
Tgt Ion:	240	Resp:	183692
Ion Ratio	Lower	Upper	
240	100		
120	12.4	10.0	15.0
236	24.5	20.0	30.0





#77
Benzidine
Concen: 49.425 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

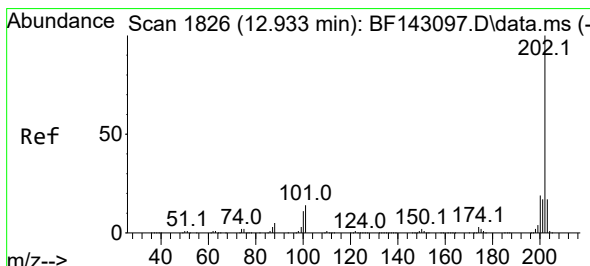
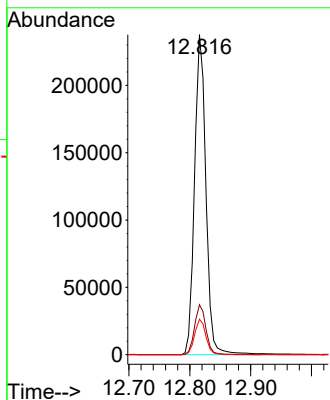
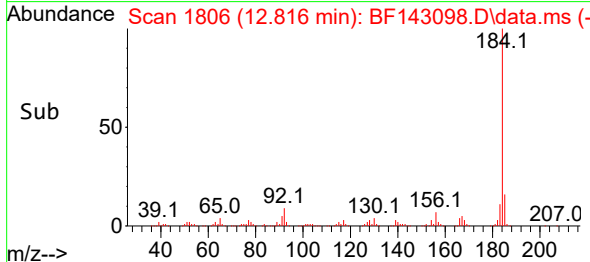
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



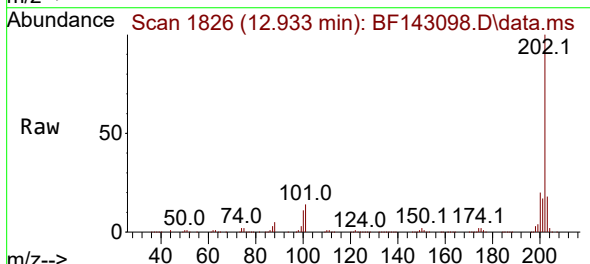
Tgt Ion:184 Resp: 30931
Ion Ratio Lower Upper
184 100
185 15.6 12.4 18.6
183 11.1 8.6 12.8

Manual Integrations
APPROVED

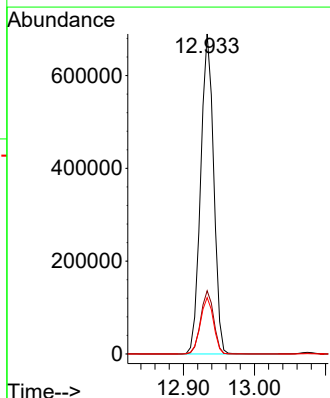
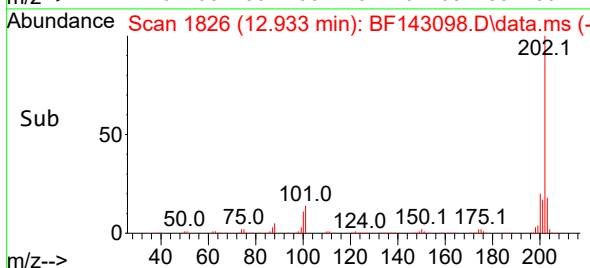
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

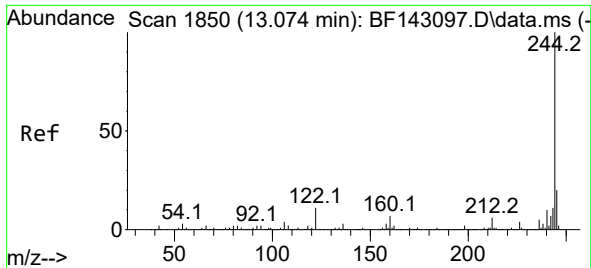


#78
Pyrene
Concen: 51.681 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



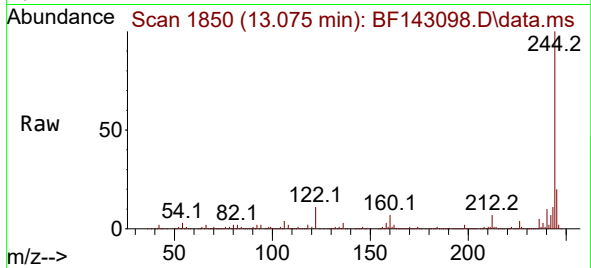
Tgt Ion:202 Resp: 880826
Ion Ratio Lower Upper
202 100
200 19.8 15.5 23.3
203 17.6 14.0 21.0





#79
 Terphenyl-d14
 Concen: 101.195 ng
 RT: 13.075 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: BF143098.D
 Acq: 15 Jul 2025 15:35

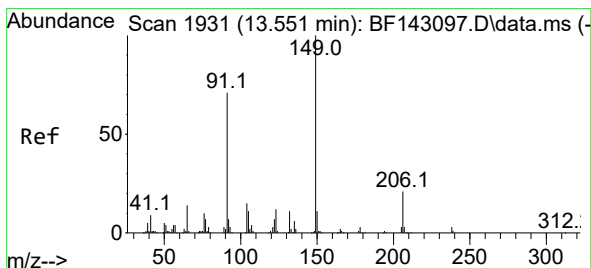
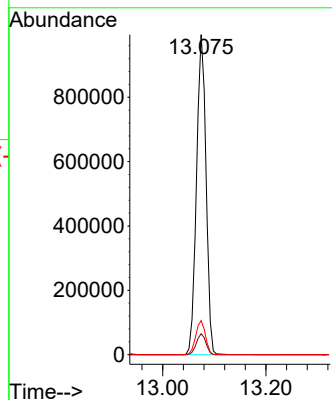
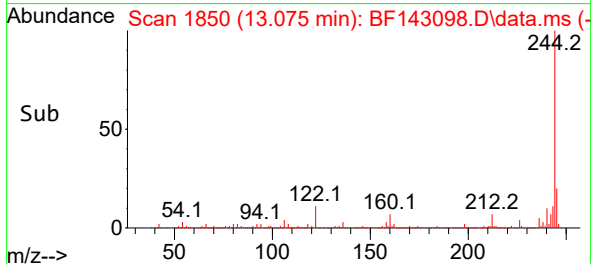
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



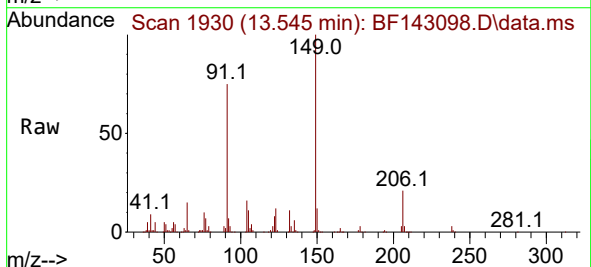
Tgt Ion:244 Resp: 1271620
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.7 8.8 13.2

Manual Integrations
 APPROVED

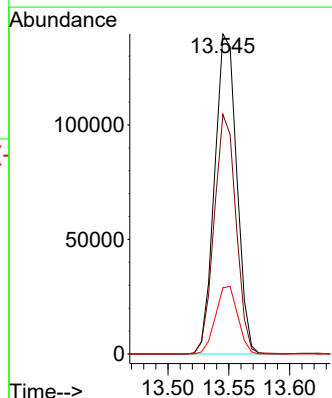
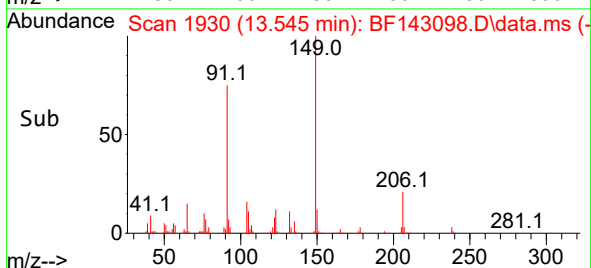
Reviewed By :Rahul Chavli 07/16/2025
 Supervised By :Jagrut Upadhyay 07/16/2025

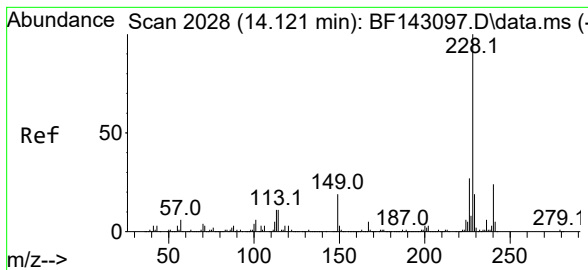


#80
 Butylbenzylphthalate
 Concen: 51.324 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF143098.D
 Acq: 15 Jul 2025 15:35



Tgt Ion:149 Resp: 176615
 Ion Ratio Lower Upper
 149 100
 91 74.8 57.0 85.4
 206 20.7 17.2 25.8





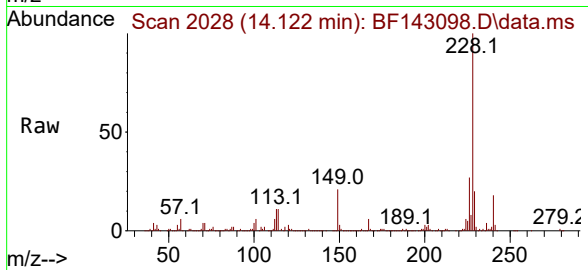
#81
Benzo(a)anthracene
Concen: 52.641 ng
RT: 14.122 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



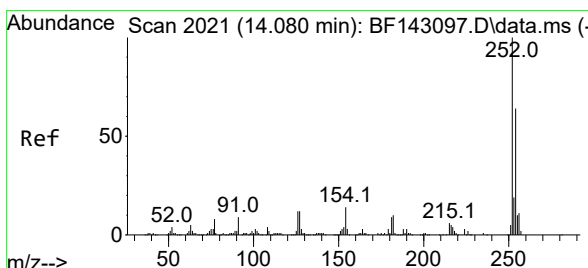
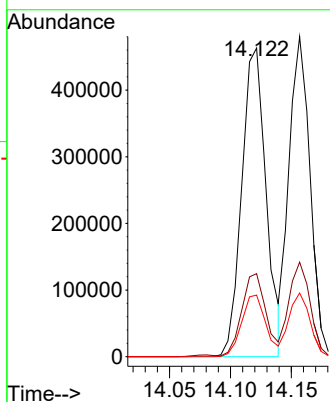
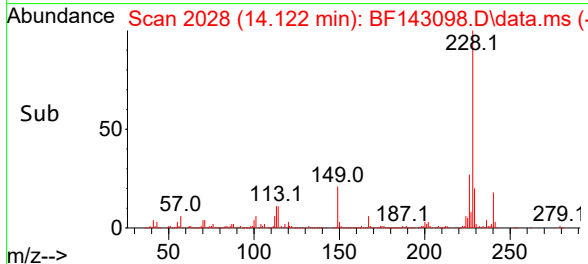
Tgt Ion:228 Resp: 64435
Ion Ratio Lower Upper
228 100
226 26.9 21.3 31.9
229 20.0 15.5 23.3

Manual Integrations

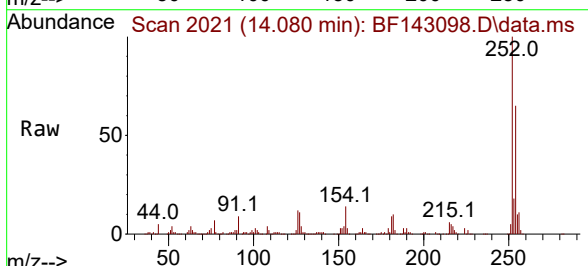
APPROVED

Reviewed By :Rahul Chavli 07/16/2025

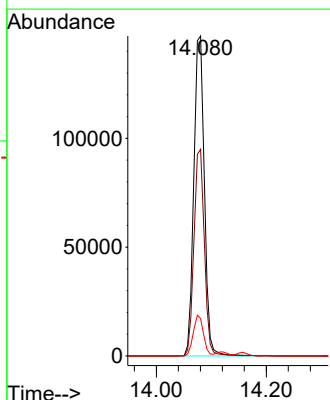
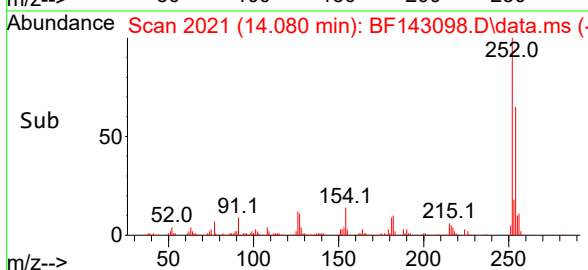
Supervised By :Jagrut Upadhyay 07/16/2025

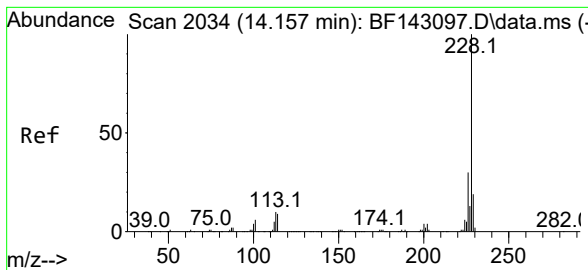


#82
3,3'-Dichlorobenzidine
Concen: 55.273 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



Tgt Ion:252 Resp: 196472
Ion Ratio Lower Upper
252 100
254 64.6 51.5 77.3
126 11.7 9.4 14.0





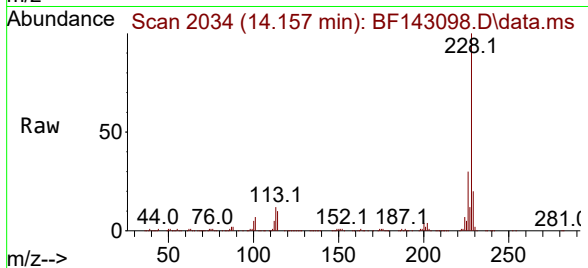
#83
 Chrysene
 Concen: 51.740 ng
 RT: 14.157 min Scan# 2034
 Delta R.T. 0.000 min
 Lab File: BF143098.D
 Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



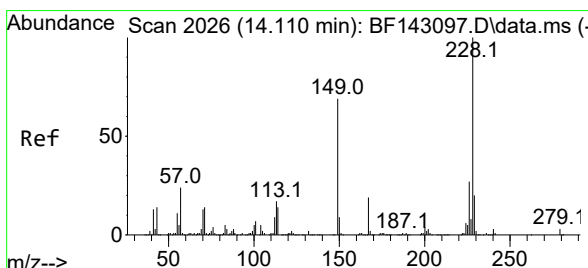
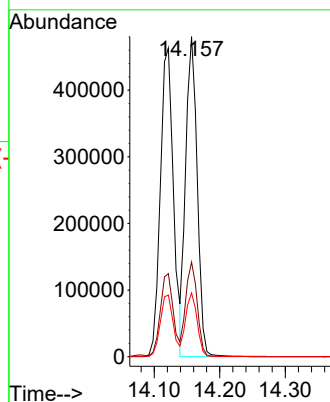
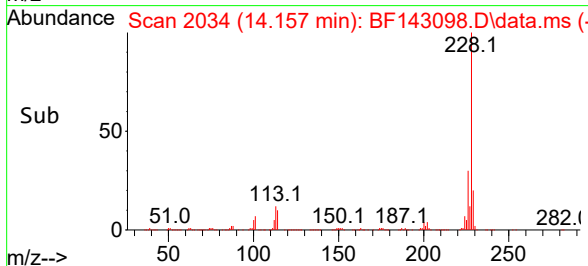
Tgt Ion:228 Resp: 583302
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.4 35.2
 229 19.9 15.3 22.9

Manual Integrations

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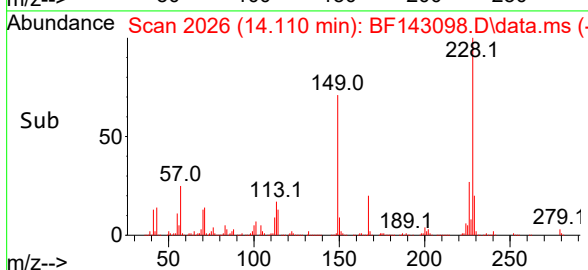
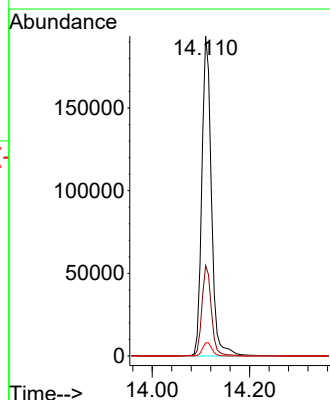
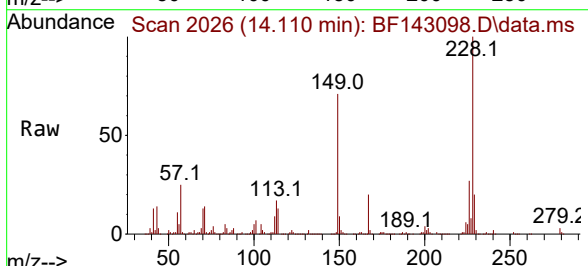
Reviewed By :Rahul Chavli 07/16/2025

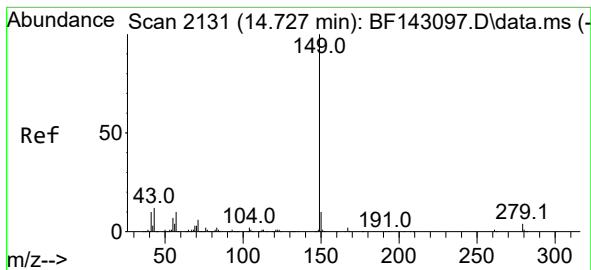
Supervised By :Jagrut Upadhyay 07/16/2025



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.119 ng
 RT: 14.110 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: BF143098.D
 Acq: 15 Jul 2025 15:35

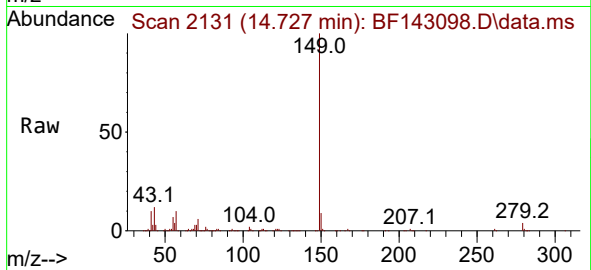
Tgt Ion:149 Resp: 265225
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.9 32.9
 279 4.1 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 50.100 ng
RT: 14.727 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

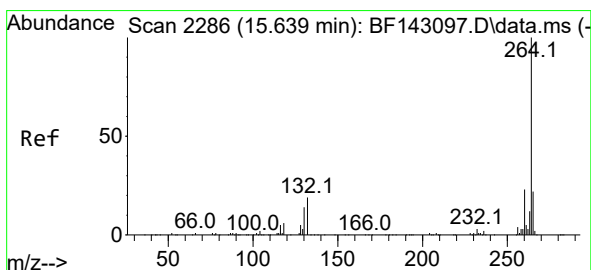
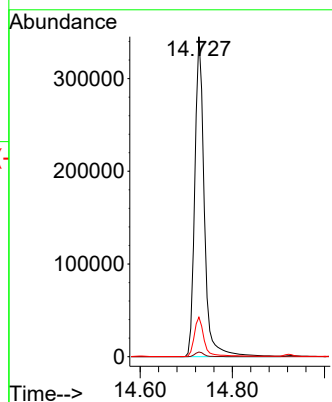
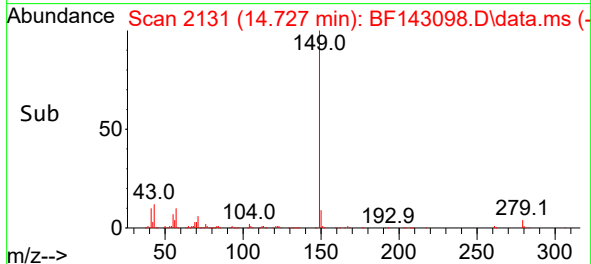
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



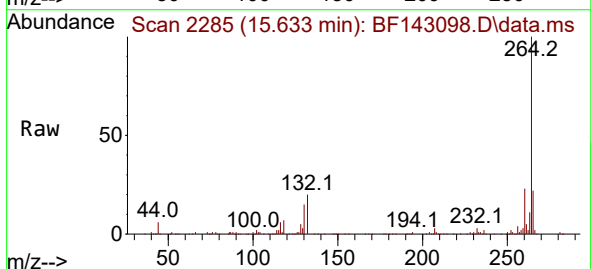
Tgt Ion:149 Resp: 492840
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 13.0 10.6 16.0

Manual Integrations
APPROVED

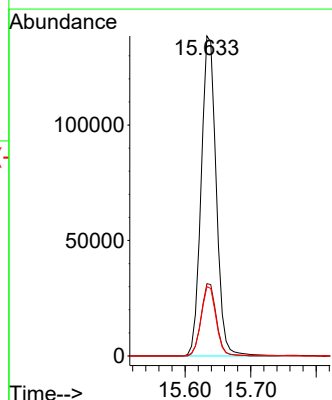
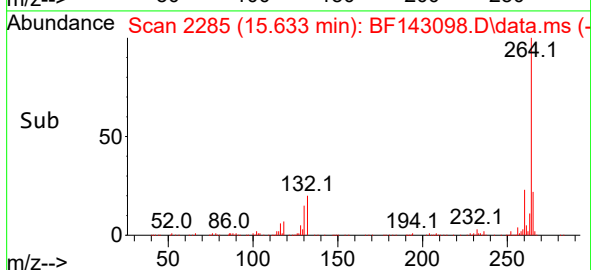
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

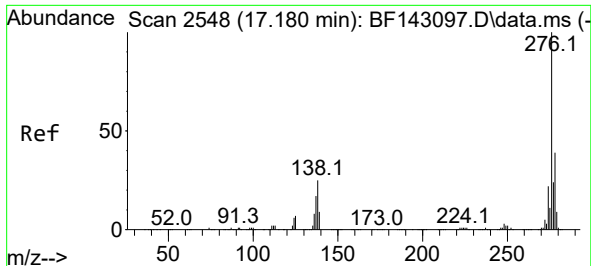


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



Tgt Ion:264 Resp: 221502
Ion Ratio Lower Upper
264 100
260 22.6 18.5 27.7
265 21.7 17.5 26.3





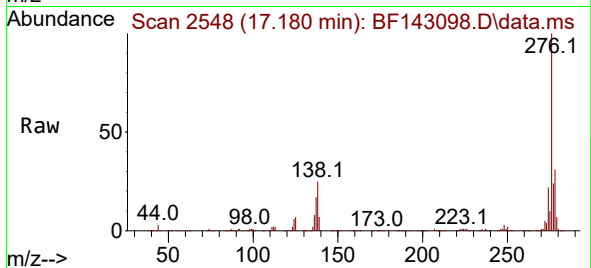
#87
Indeno(1,2,3-cd)pyrene
Concen: 54.440 ng
RT: 17.180 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



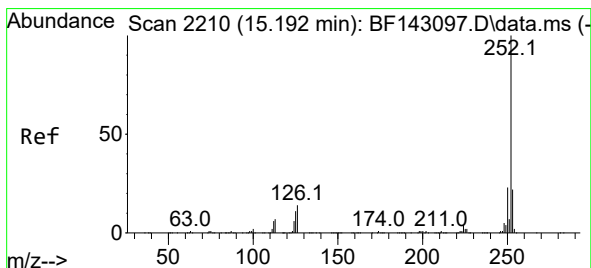
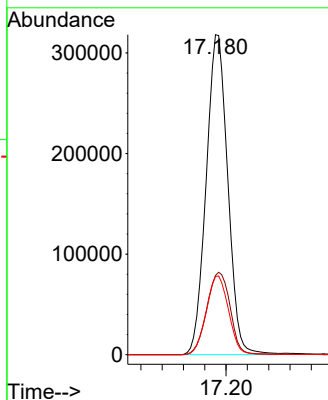
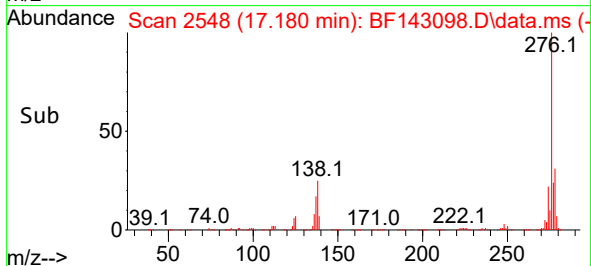
Tgt Ion:276 Resp: 896872
Ion Ratio Lower Upper
276 100
138 28.1 22.6 34.0
277 25.4 20.2 30.2

Manual Integrations

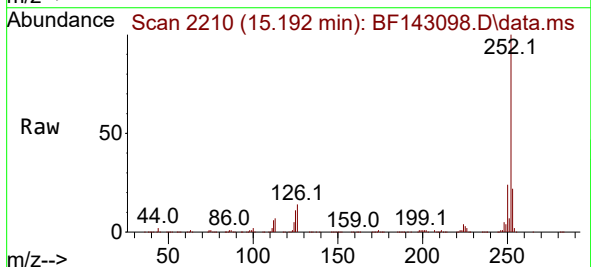
APPROVED

Reviewed By :Rahul Chavli 07/16/2025

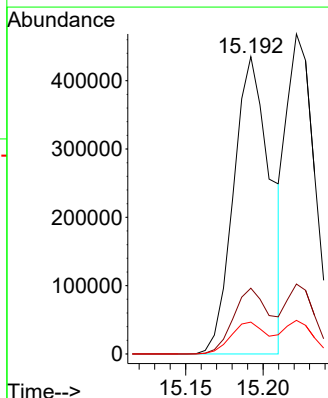
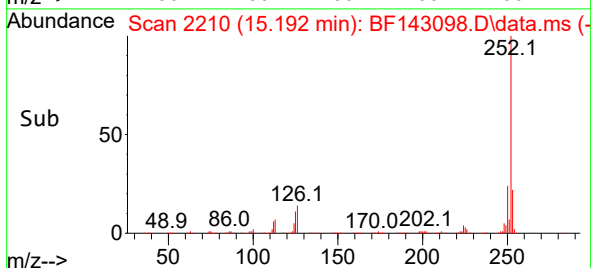
Supervised By :Jagrut Upadhyay 07/16/2025

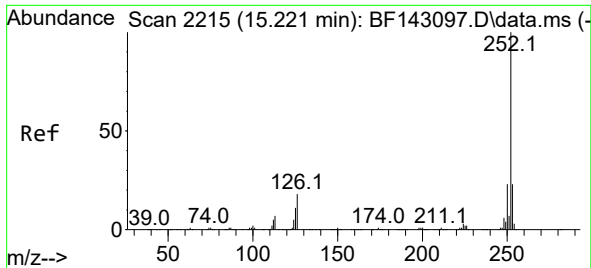


#88
Benzo(b)fluoranthene
Concen: 56.204 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



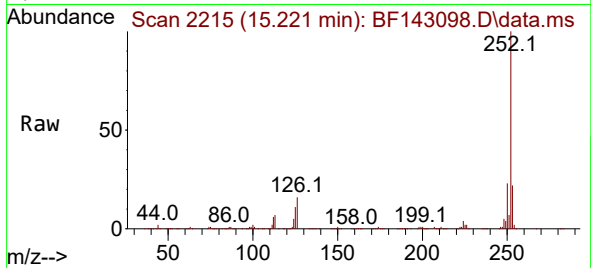
Tgt Ion:252 Resp: 718106
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.7 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 49.410 ng
RT: 15.221 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

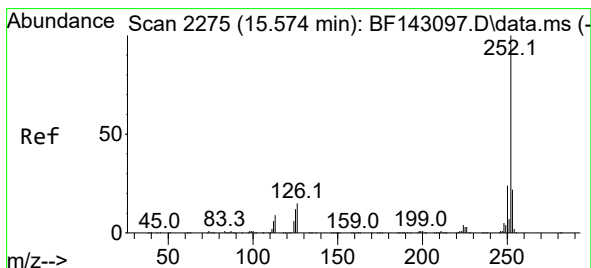
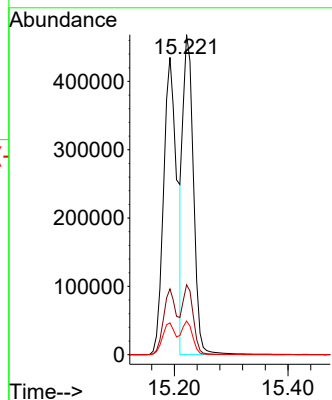
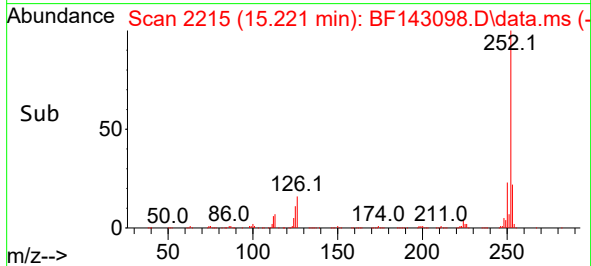
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



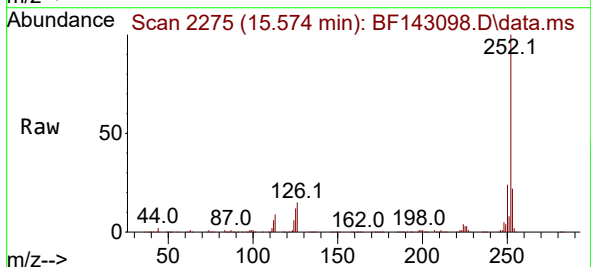
Tgt Ion:252 Resp: 60226
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.5 8.5 12.7

Manual Integrations
APPROVED

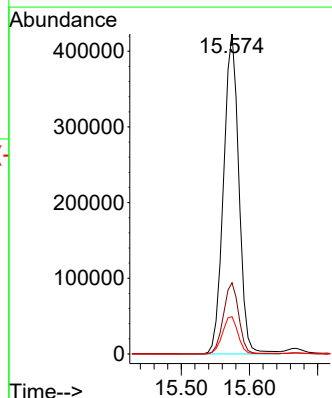
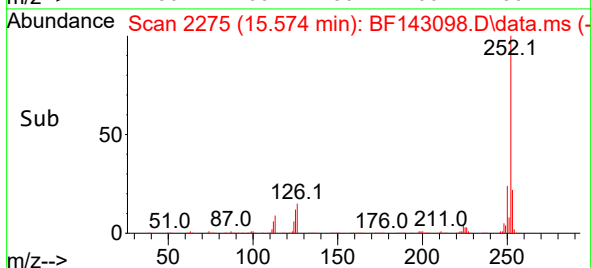
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

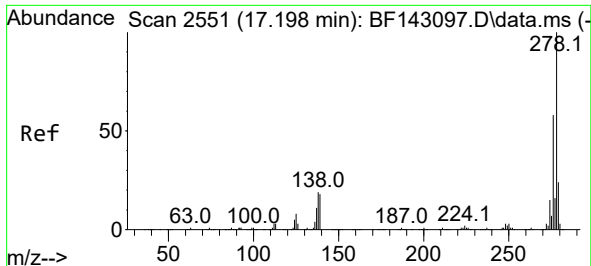


#90
Benzo(a)pyrene
Concen: 54.800 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



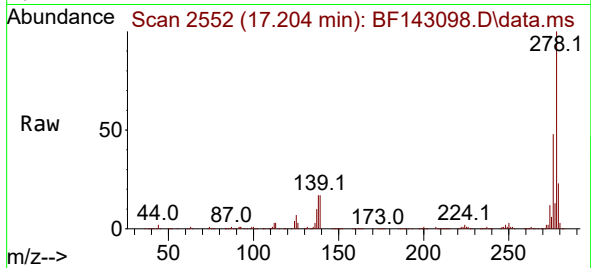
Tgt Ion:252 Resp: 662193
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.6 9.4 14.0





#91
Dibenzo(a,h)anthracene
Concen: 54.700 ng
RT: 17.204 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

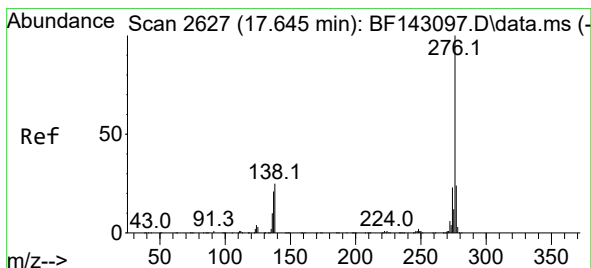
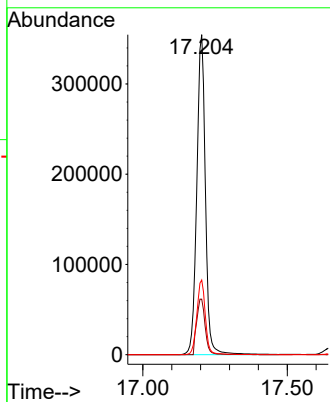
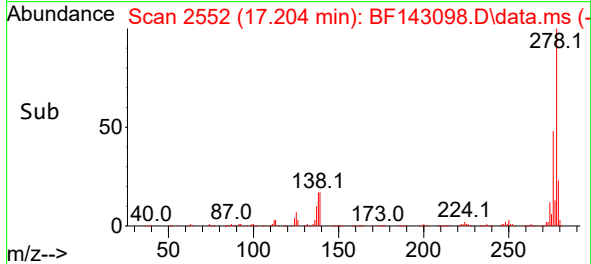
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



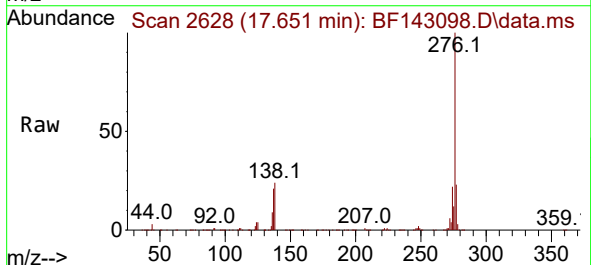
Tgt Ion:278 Resp: 736672
Ion Ratio Lower Upper
278 100
139 17.4 14.6 22.0
279 23.3 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#92
Benzo(g,h,i)perylene
Concen: 54.390 ng
RT: 17.651 min Scan# 2628
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35



Tgt Ion:276 Resp: 746789
Ion Ratio Lower Upper
276 100
277 23.2 19.2 28.8
138 23.8 19.8 29.6

