

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143953.D
 Acq On : 15 Oct 2025 15:31
 Operator : RC/JU
 Sample : PB170101BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170101BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/16/2025
 Supervised By :Jagrut Upadhyay 10/16/2025

Quant Time: Oct 16 00:13:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124421	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	477266	20.00	ng	0.00
39) Acenaphthene-d10	9.928	164	261042	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	454320	20.00	ng	0.00
76) Chrysene-d12	14.063	240	273246	20.00	ng	0.00
86) Perylene-d12	15.545	264	256781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	899775	114.84	ng	0.01
7) Phenol-d6	6.510	99	1085909	116.28	ng	0.00
23) Nitrobenzene-d5	7.445	82	691083	87.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	344344	132.44	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1284751	78.09	ng	0.00
79) Terphenyl-d14	13.004	244	1459694	91.30	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	144355	39.81	ng	98
3) Pyridine	3.493	79	426532	40.41	ng	98
4) n-Nitrosodimethylamine	3.446	42	257121	46.31	ng	93
6) Aniline	6.545	93	455069	32.52	ng	99
8) 2-Chlorophenol	6.669	128	349220	45.60	ng	99
9) Benzaldehyde	6.434	77	208356	28.92	ng	99
10) Phenol	6.528	94	489097	43.81	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	395340	45.84	ng	98
12) 1,3-Dichlorobenzene	6.822	146	407126	44.41	ng	98
13) 1,4-Dichlorobenzene	6.898	146	401417	44.39	ng	98
14) 1,2-Dichlorobenzene	7.051	146	392860	45.35	ng	99
15) Benzyl Alcohol	7.022	79	335833	47.99	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	925586	47.15	ng	100
17) 2-Methylphenol	7.134	107	295982	46.76	ng	97
18) Hexachloroethane	7.392	117	134932	44.74	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	278363	43.54	ng	99
20) 3+4-Methylphenols	7.287	107	318774	43.45	ng	# 76
22) Acetophenone	7.292	105	484797	48.04	ng	96
24) Nitrobenzene	7.463	77	414210	47.48	ng	99
25) Isophorone	7.704	82	770356	46.51	ng	99
26) 2-Nitrophenol	7.781	139	201282	53.82	ng	97
27) 2,4-Dimethylphenol	7.816	122	338524	50.32	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	482017	46.07	ng	98
29) 2,4-Dichlorophenol	8.022	162	322070	45.96	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	322337	46.77	ng	99
31) Naphthalene	8.187	128	966611	44.52	ng	99
32) Benzoic acid	7.945	122	247985	53.26	ng	97
33) 4-Chloroaniline	8.234	127	128530	15.79	ng	99
34) Hexachlorobutadiene	8.304	225	209163	43.67	ng	97
35) Caprolactam	8.610	113	110278m	49.49	ng	
36) 4-Chloro-3-methylphenol	8.716	107	315186	46.82	ng	99
37) 2-Methylnaphthalene	8.881	142	583509	40.35	ng	99
38) 1-Methylnaphthalene	8.981	142	600054	42.78	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	350344	48.56	ng	99
41) Hexachlorocyclopentadiene	9.034	237	343722	114.84	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	237106	44.98	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143953.D
 Acq On : 15 Oct 2025 15:31
 Operator : RC/JU
 Sample : PB170101BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170101BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/16/2025
 Supervised By :Jagrut Upadhyay 10/16/2025

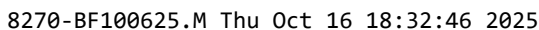
Quant Time: Oct 16 00:13:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

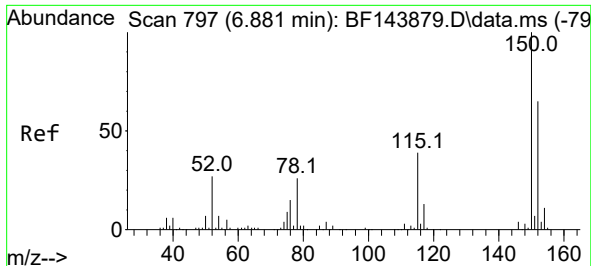
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	257981	46.31	ng	99
46) 1,1'-Biphenyl	9.345	154	836571	48.40	ng	99
47) 2-Chloronaphthalene	9.369	162	644137	44.70	ng	98
48) 2-Nitroaniline	9.463	65	232602	51.06	ng	98
49) Acenaphthylene	9.786	152	1010929	49.90	ng	100
50) Dimethylphthalate	9.645	163	774740	46.74	ng	100
51) 2,6-Dinitrotoluene	9.710	165	167460	54.48	ng	96
52) Acenaphthene	9.957	154	632556	47.65	ng	99
53) 3-Nitroaniline	9.875	138	113742	30.22	ng	100
54) 2,4-Dinitrophenol	9.986	184	167527	87.63	ng	93
55) Dibenzofuran	10.133	168	845081	45.10	ng	98
56) 4-Nitrophenol	10.039	139	264431	92.79	ng	96
57) 2,4-Dinitrotoluene	10.116	165	223184	53.36	ng	97
58) Fluorene	10.475	166	635252	44.93	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	197727	50.14	ng	# 97
60) Diethylphthalate	10.345	149	710974	46.17	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	333894	44.67	ng	100
62) 4-Nitroaniline	10.498	138	174492	48.21	ng	95
63) Azobenzene	10.628	77	769864	47.83	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	124095	54.35	ng	98
66) n-Nitrosodiphenylamine	10.586	169	661680	46.38	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	222534	44.32	ng	96
68) Hexachlorobenzene	11.022	284	268320	46.16	ng	99
69) Atrazine	11.116	200	209677	48.49	ng	96
70) Pentachlorophenol	11.222	266	280320	83.97	ng	97
71) Phenanthrene	11.439	178	982380	44.60	ng	99
72) Anthracene	11.492	178	983424	44.20	ng	98
73) Carbazole	11.645	167	896291	45.48	ng	99
74) Di-n-butylphthalate	11.975	149	1093404	47.87	ng	99
75) Fluoranthene	12.633	202	1040761	45.75	ng	99
77) Benzidine	12.751	184	307852	32.45	ng	98
78) Pyrene	12.863	202	1056299	46.37	ng	99
80) Butylbenzylphthalate	13.480	149	401079	54.21	ng	100
81) Benzo(a)anthracene	14.051	228	847353	47.39	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	128037	23.50	ng	# 98
83) Chrysene	14.092	228	752745	45.48	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	478242	53.63	ng	99
85) Di-n-octyl phthalate	14.657	149	721968	49.29	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	785801	49.94	ng	98
88) Benzo(b)fluoranthene	15.110	252	712934	48.33	ng	99
89) Benzo(k)fluoranthene	15.145	252	639917	46.88	ng	99
90) Benzo(a)pyrene	15.486	252	641052	50.12	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	638644	50.47	ng	100
92) Benzo(g,h,i)perylene	17.509	276	646781	51.11	ng	98

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

Manual Integrations APPROVED

Quant Time: Oct 16 00:13:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





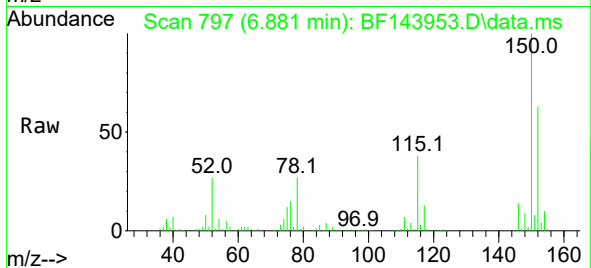
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



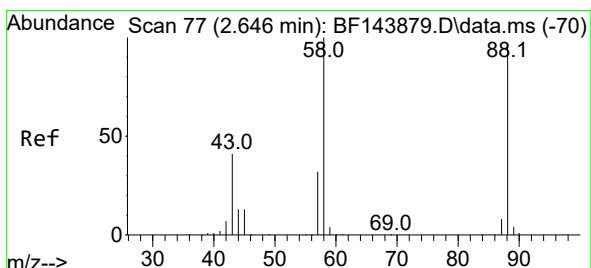
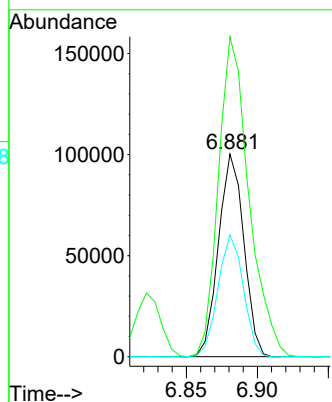
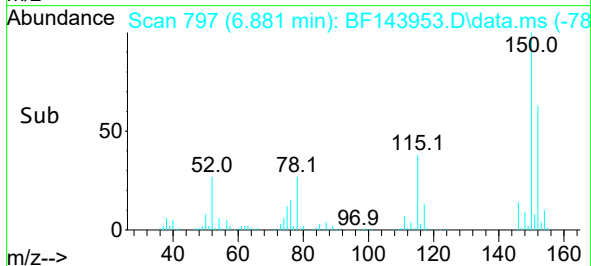
Tgt Ion:152 Resp: 12442
Ion Ratio Lower Upper
152 100
150 158.0 124.4 186.6
115 60.0 48.1 72.1

Manual Integrations

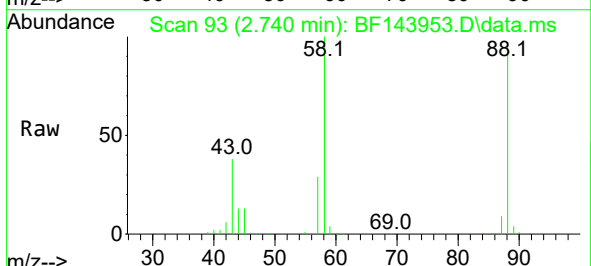
APPROVED

Reviewed By :Rahul Chavli 10/16/2025

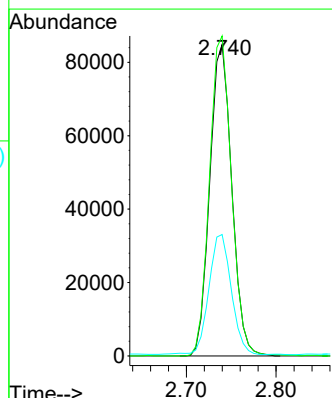
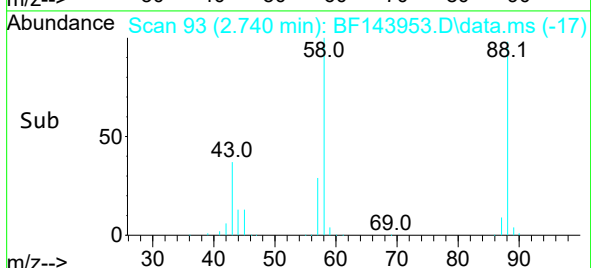
Supervised By :Jagrut Upadhyay 10/16/2025

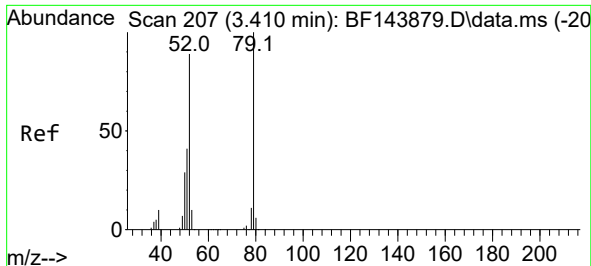


#2
1,4-Dioxane
Concen: 39.81 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.094 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



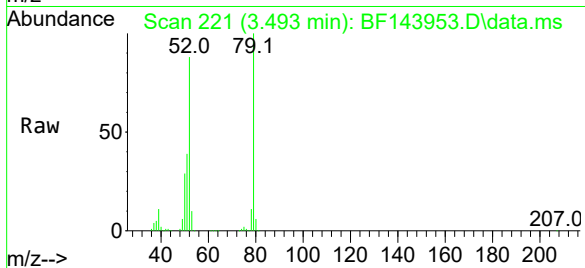
Tgt Ion: 88 Resp: 144355
Ion Ratio Lower Upper
88 100
58 103.0 83.0 124.6
43 39.3 33.9 50.9





#3
Pyridine
Concen: 40.41 ng
RT: 3.493 min Scan# 213
Delta R.T. 0.077 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

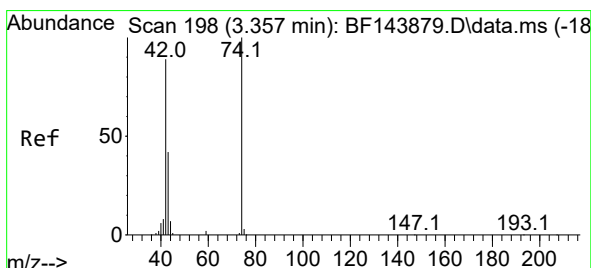
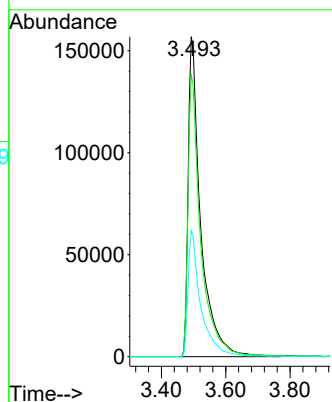
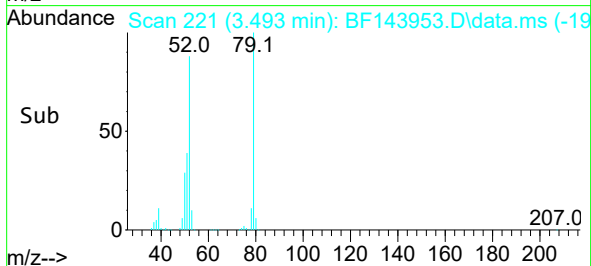
Instrument :
BNA_F
ClientSampleId :
PB170101BS



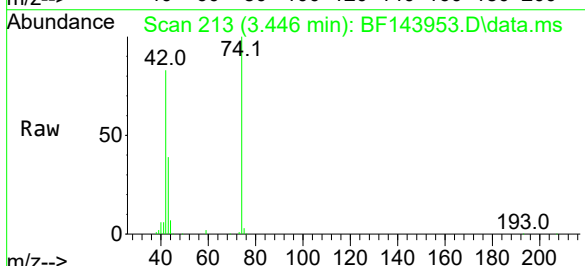
Tgt Ion: 79 Resp: 42653
Ion Ratio Lower Upper
79 100
52 88.4 71.5 107.3
51 39.4 32.9 49.3

Manual Integrations
APPROVED

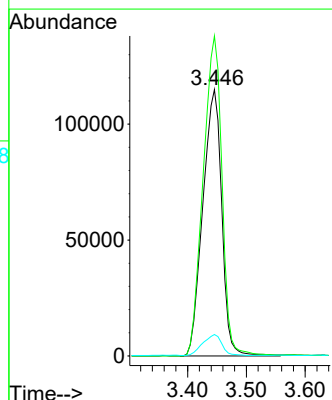
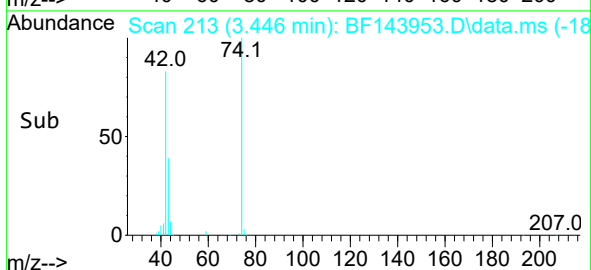
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

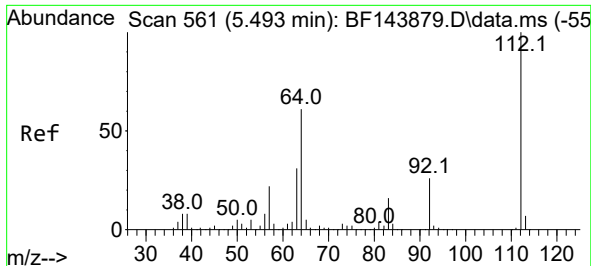


#4
n-Nitrosodimethylamine
Concen: 46.31 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.059 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



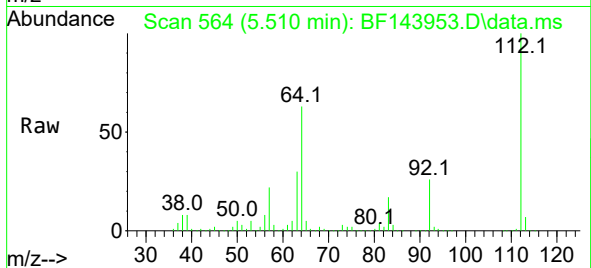
Tgt Ion: 42 Resp: 257121
Ion Ratio Lower Upper
42 100
74 120.1 90.0 135.0
44 8.1 6.2 9.2





#5
2-Fluorophenol
Concen: 114.84 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

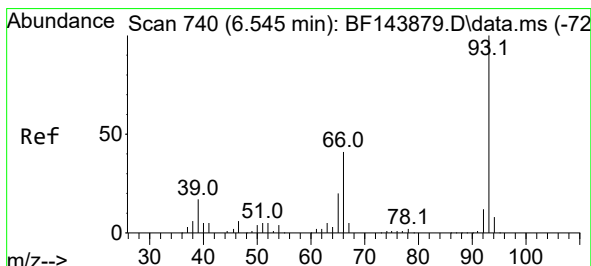
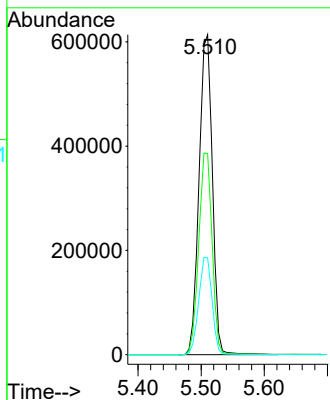
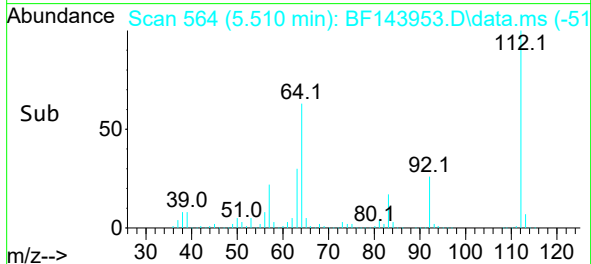
Instrument :
BNA_F
ClientSampleId :
PB170101BS



Tgt Ion:112 Resp: 89977
Ion Ratio Lower Upper
112 100
64 62.9 49.1 73.7
63 30.3 24.5 36.7

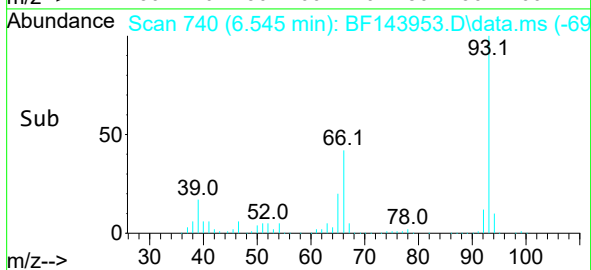
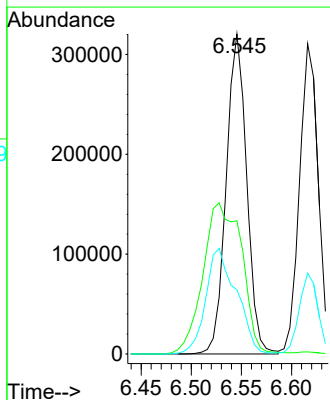
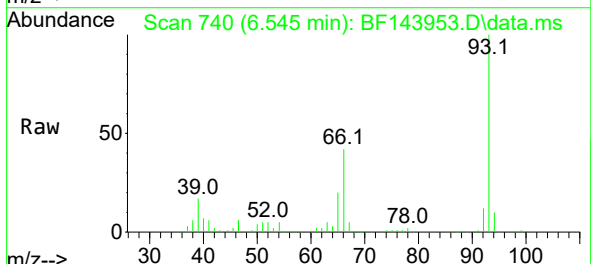
Manual Integrations
APPROVED

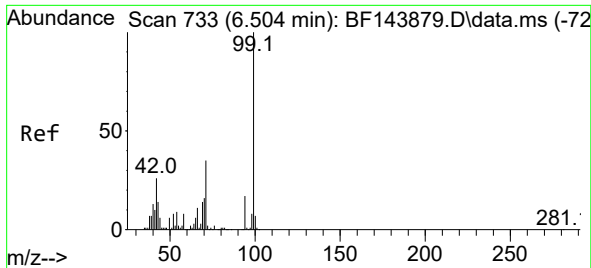
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#6
Aniline
Concen: 32.52 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

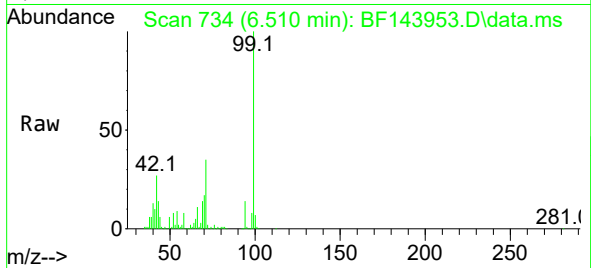
Tgt Ion: 93 Resp: 455069
Ion Ratio Lower Upper
93 100
66 41.6 33.0 49.6
65 20.1 15.8 23.8





#7
Phenol-d6
Concen: 116.28 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

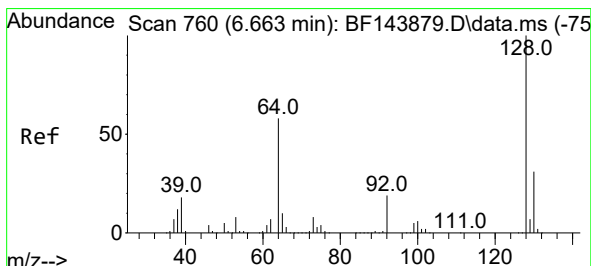
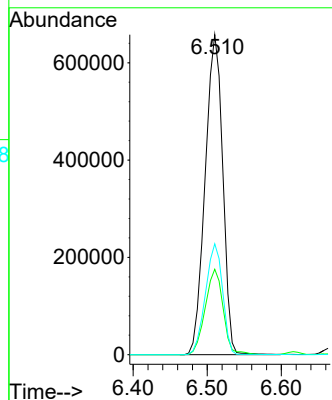
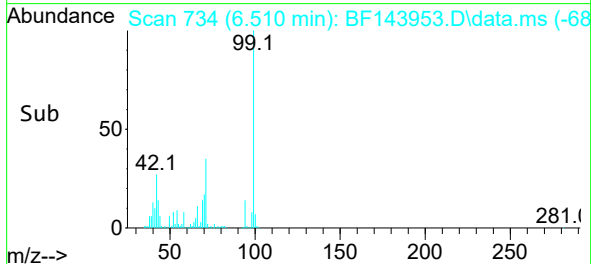
Instrument :
BNA_F
ClientSampleId :
PB170101BS



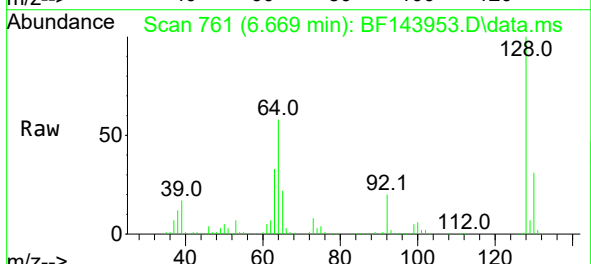
Tgt Ion: 99 Resp: 1085909
Ion Ratio Lower Upper
99 100
42 26.7 21.0 31.4
71 34.6 27.8 41.8

Manual Integrations
APPROVED

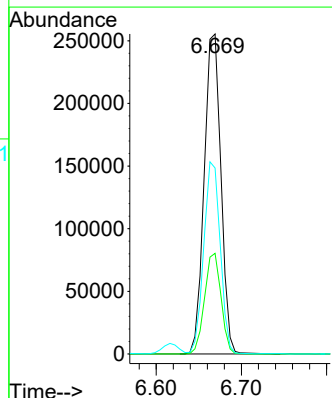
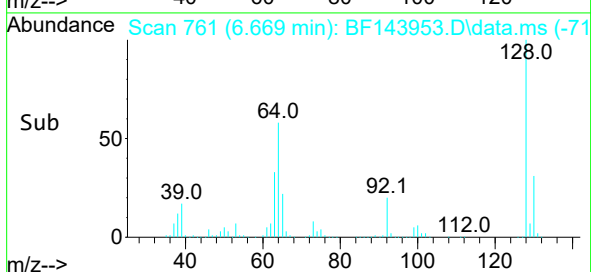
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

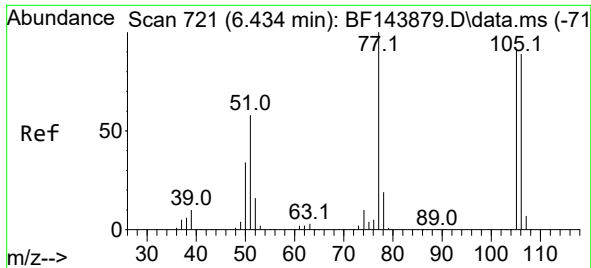


#8
2-Chlorophenol
Concen: 45.60 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



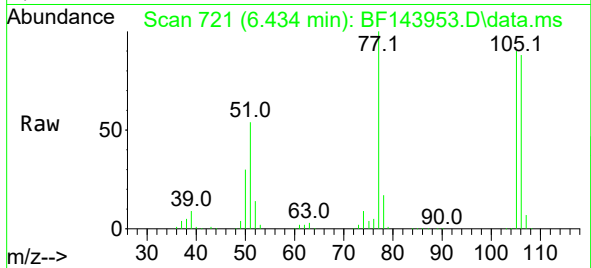
Tgt Ion:128 Resp: 349220
Ion Ratio Lower Upper
128 100
130 31.5 10.7 50.7
64 58.1 39.0 79.0





#9
Benzaldehyde
Concen: 28.92 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

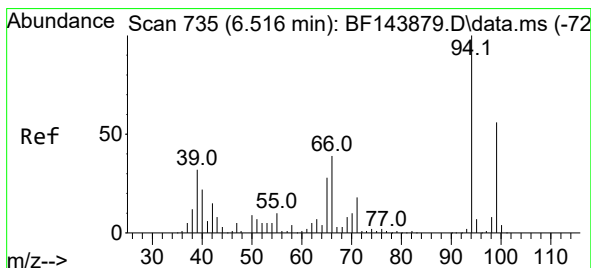
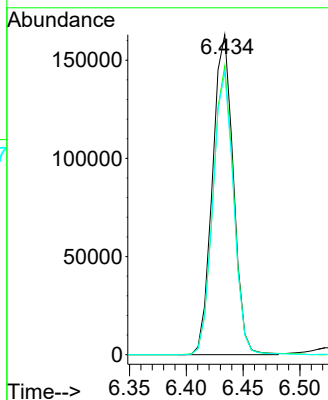
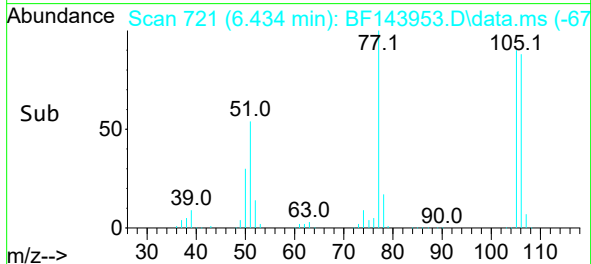
Instrument :
BNA_F
ClientSampleId :
PB170101BS



Tgt Ion: 77 Resp: 208350
Ion Ratio Lower Upper
77 100
105 90.2 70.9 110.9
106 88.3 68.9 108.9

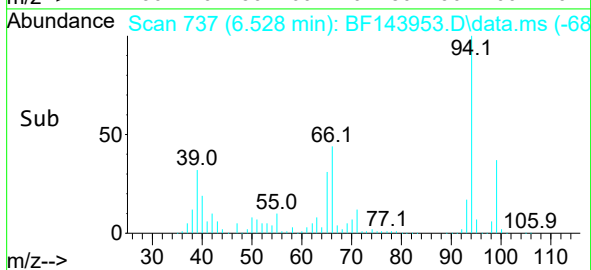
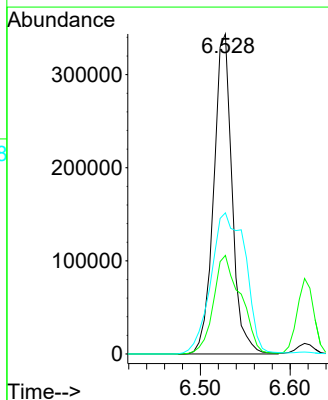
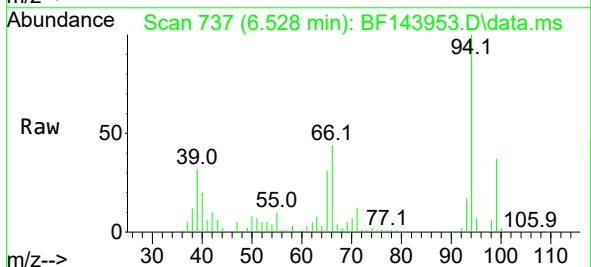
Manual Integrations
APPROVED

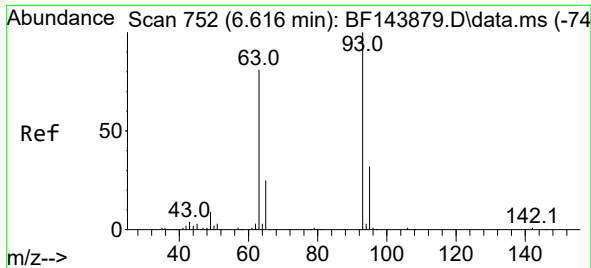
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#10
Phenol
Concen: 43.81 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Tgt Ion: 94 Resp: 489097
Ion Ratio Lower Upper
94 100
65 30.8 8.5 48.5
66 44.1 19.9 59.9





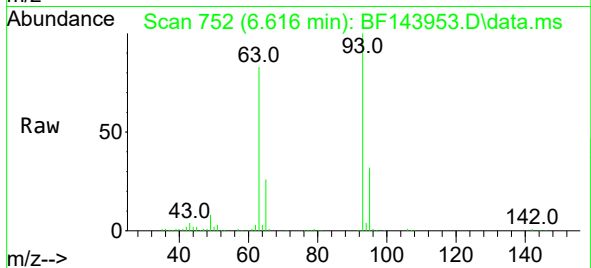
#11
bis(2-Chloroethyl)ether
Concen: 45.84 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



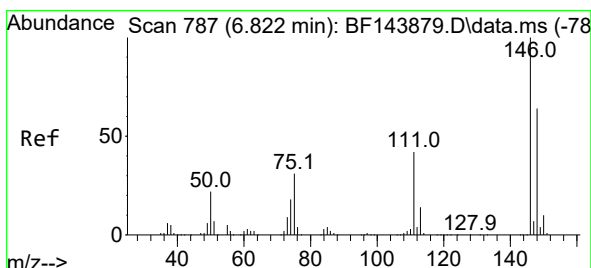
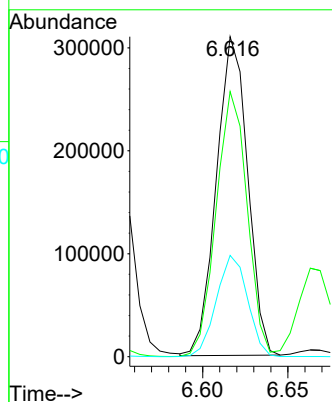
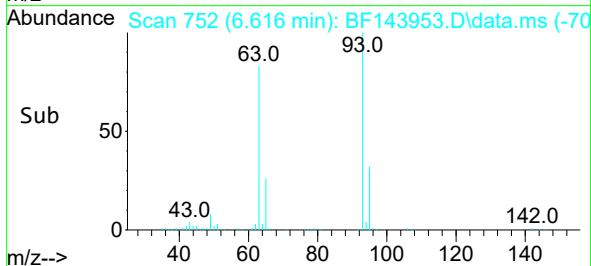
Tgt Ion: 93 Resp: 395340
Ion Ratio Lower Upper
93 100
63 82.8 60.9 100.9
95 31.7 11.5 51.5

Manual Integrations

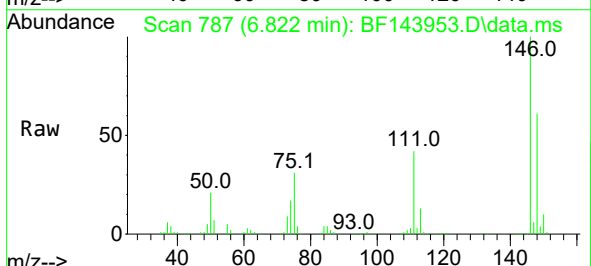
APPROVED

Reviewed By :Rahul Chavli 10/16/2025

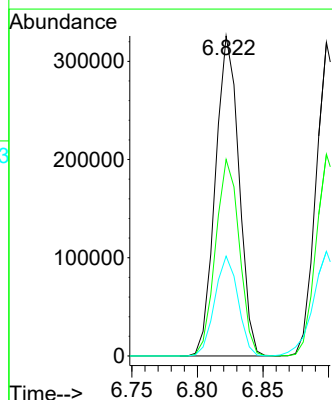
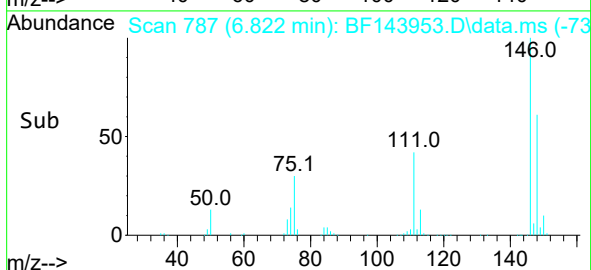
Supervised By :Jagrut Upadhyay 10/16/2025

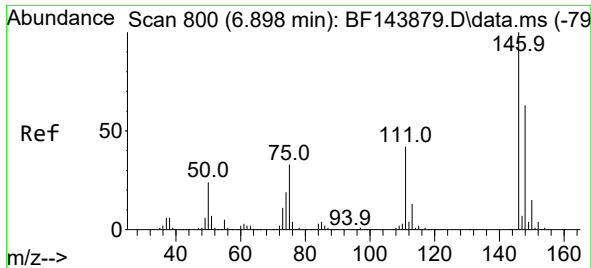


#12
1,3-Dichlorobenzene
Concen: 44.41 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:146 Resp: 407126
Ion Ratio Lower Upper
146 100
148 61.4 51.0 76.4
75 31.2 24.9 37.3





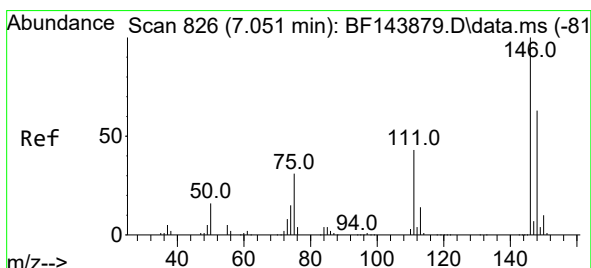
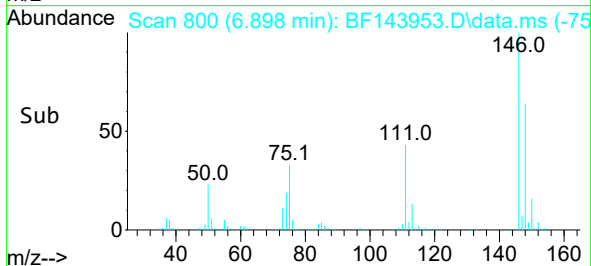
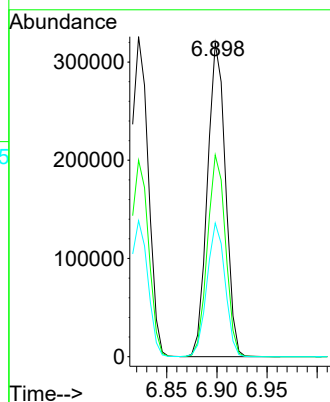
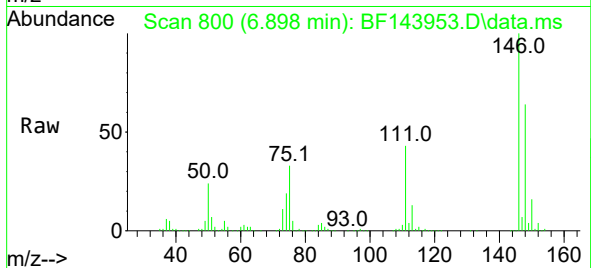
#13
1,4-Dichlorobenzene
Concen: 44.39 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB170101BS

Tgt Ion:146 Resp: 40141
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
111 42.6 33.4 50.0

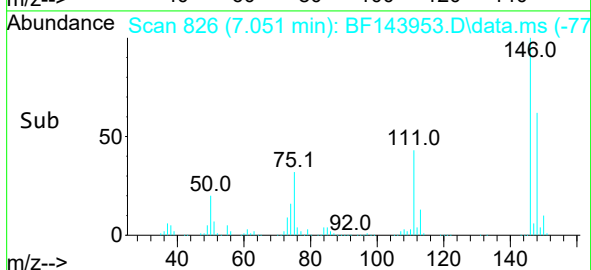
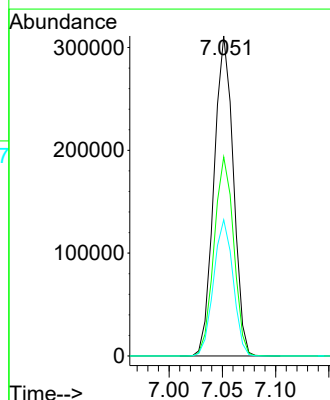
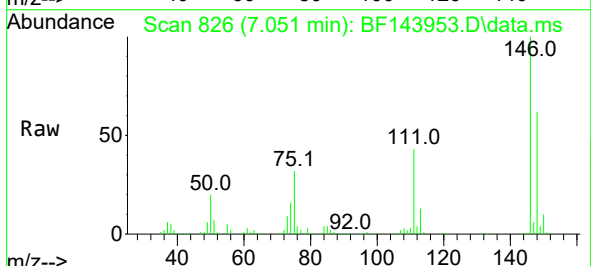
Manual Integrations
APPROVED

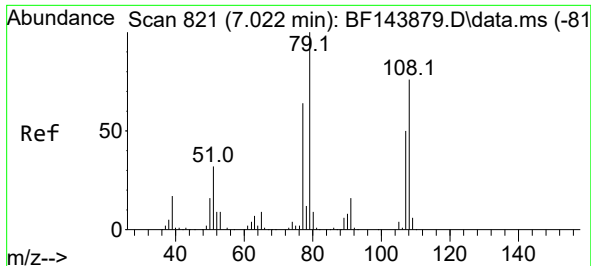
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#14
1,2-Dichlorobenzene
Concen: 45.35 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

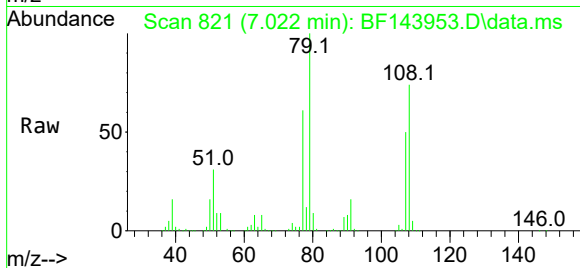
Tgt Ion:146 Resp: 392860
Ion Ratio Lower Upper
146 100
148 62.2 50.6 75.8
111 42.6 34.6 51.8





#15
Benzyl Alcohol
Concen: 47.99 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

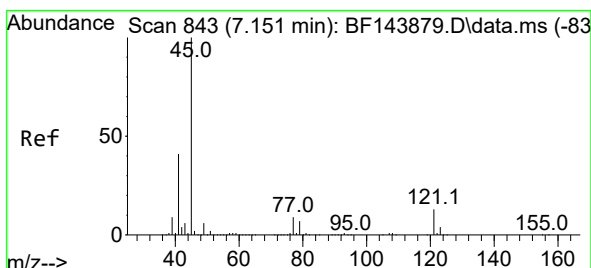
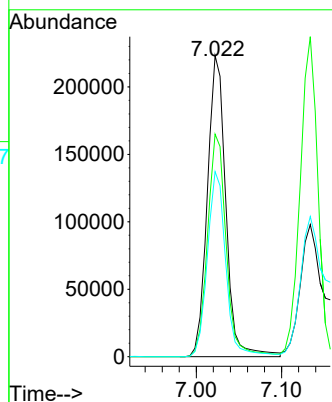
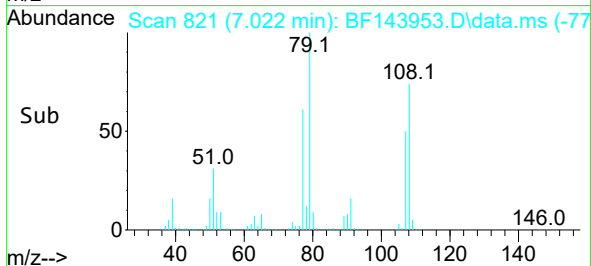
Instrument :
BNA_F
ClientSampleId :
PB170101BS



Tgt Ion: 79 Resp: 33583
Ion Ratio Lower Upper
79 100
108 73.9 60.8 91.2
77 61.5 51.0 76.6

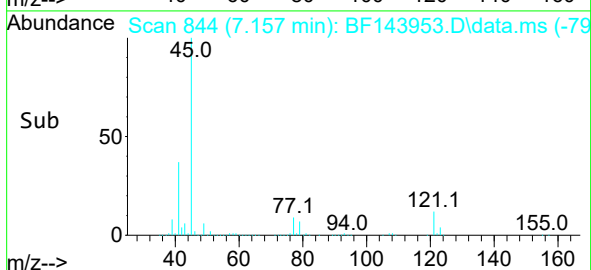
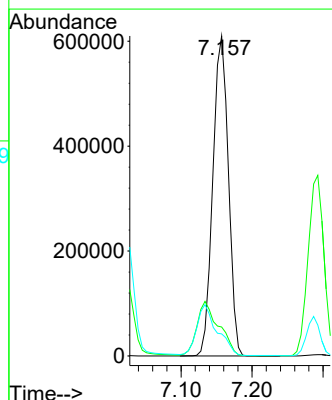
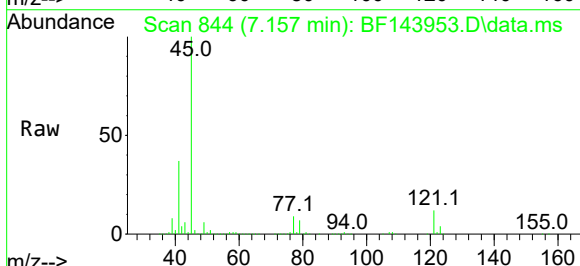
Manual Integrations
APPROVED

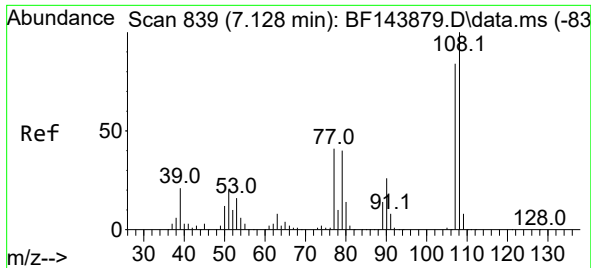
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.15 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Tgt Ion: 45 Resp: 925586
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.9 0.0 26.8





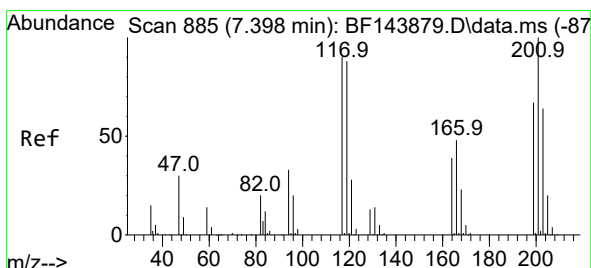
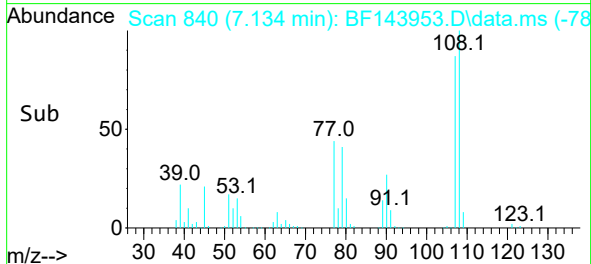
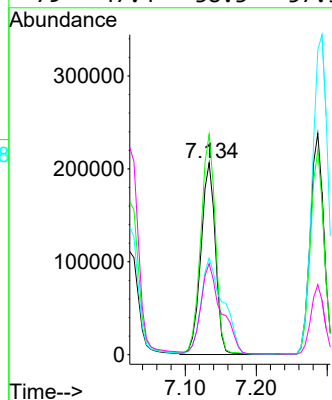
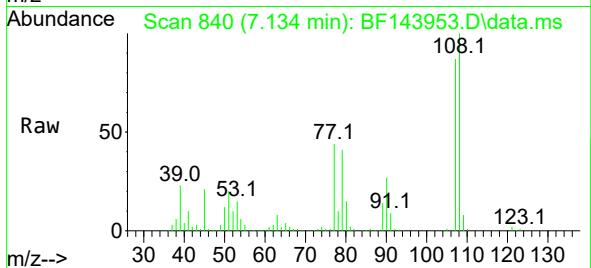
#17
2-Methylphenol
Concen: 46.76 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB170101BS

Tgt Ion:107 Resp: 29598
Ion Ratio Lower Upper
107 100
108 114.8 94.7 142.1
77 50.3 38.8 58.2
79 47.4 38.3 57.5

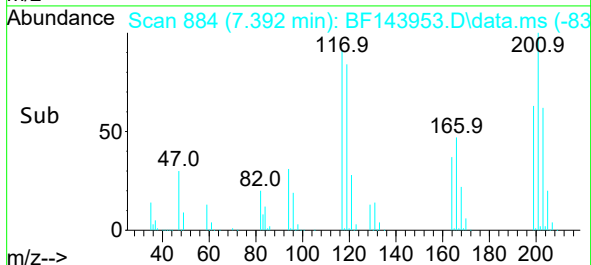
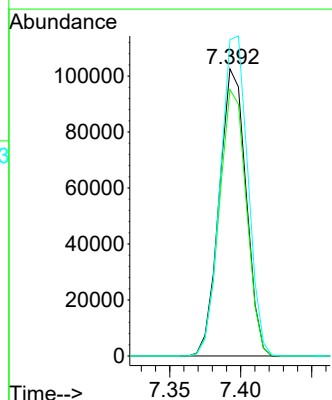
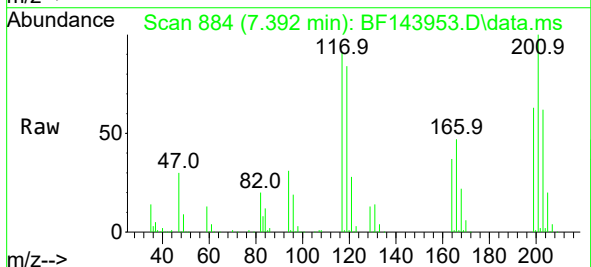
Manual Integrations
APPROVED

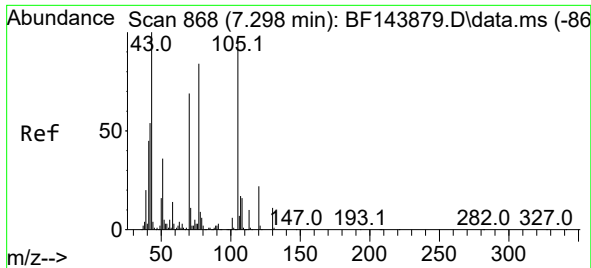
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#18
Hexachloroethane
Concen: 44.74 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

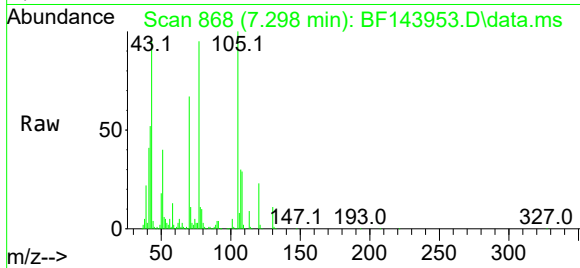
Tgt Ion:117 Resp: 134932
Ion Ratio Lower Upper
117 100
119 92.8 77.8 116.8
201 110.2 88.5 132.7





#19
n-Nitroso-di-n-propylamine
Concen: 43.54 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

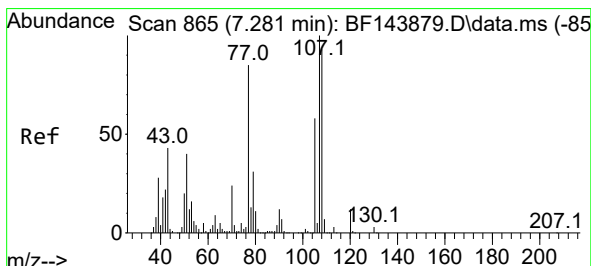
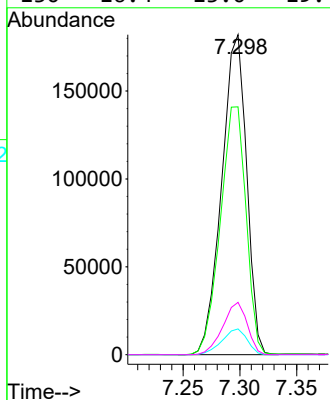
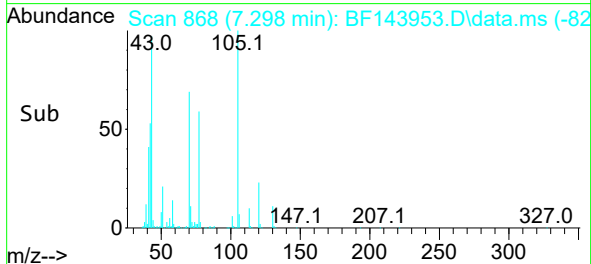
Instrument :
BNA_F
ClientSampleId :
PB170101BS



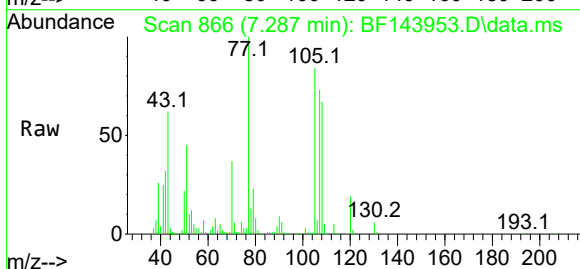
Tgt Ion: 70 Resp: 27836
Ion Ratio Lower Upper
70 100
42 77.5 62.8 94.2
101 8.0 6.7 10.1
130 16.4 13.0 19.4

Manual Integrations
APPROVED

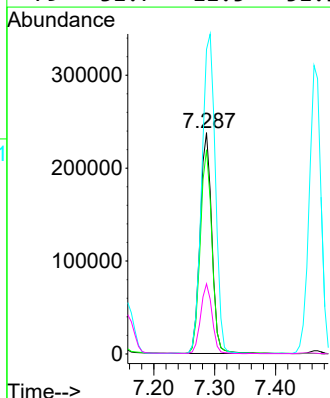
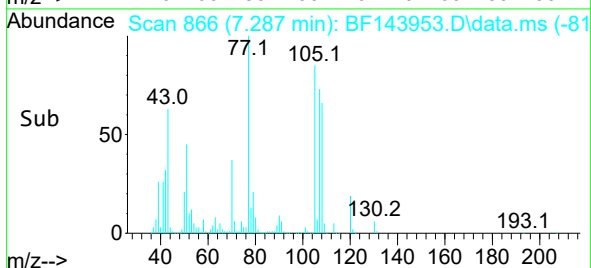
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

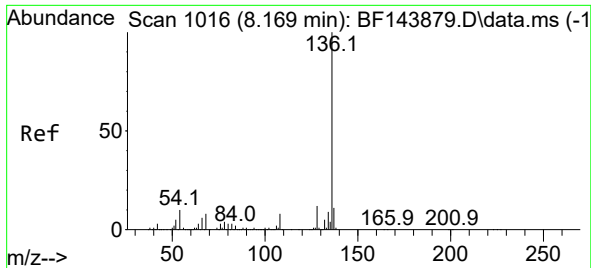


#20
3+4-Methylphenols
Concen: 43.45 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:107 Resp: 318774
Ion Ratio Lower Upper
107 100
108 92.3 73.0 113.0
77 137.7 64.6 104.6#
79 31.7 11.5 51.5





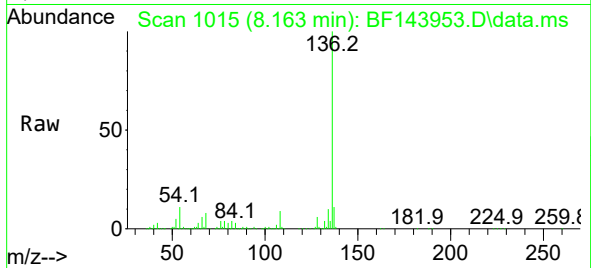
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



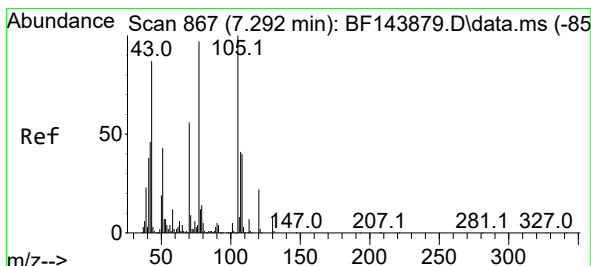
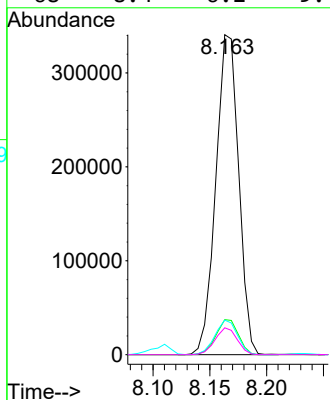
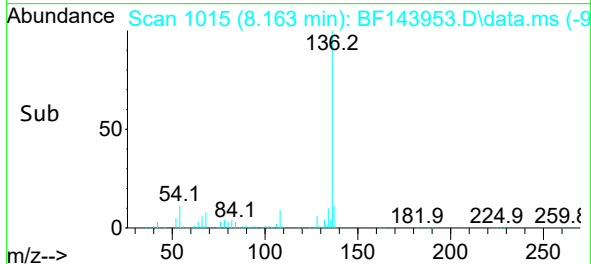
Tgt Ion:136 Resp: 477260
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.8 8.2 12.4
68 8.4 6.2 9.4

Manual Integrations

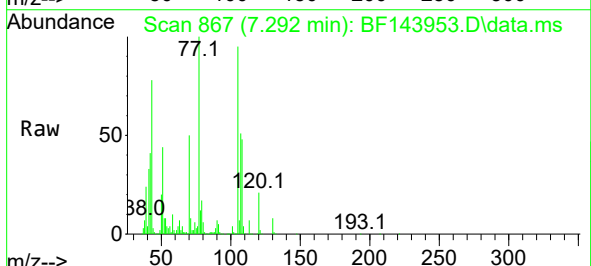
APPROVED

Reviewed By :Rahul Chavli 10/16/2025

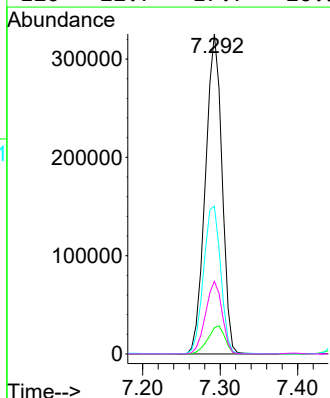
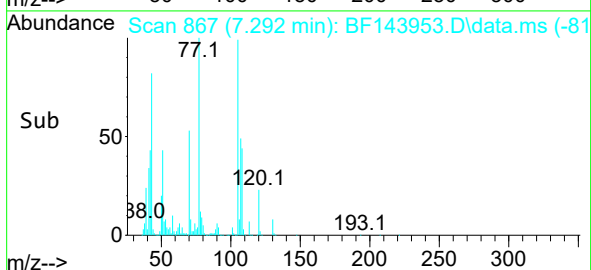
Supervised By :Jagrut Upadhyay 10/16/2025

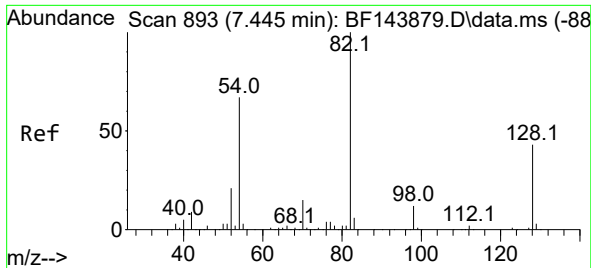


#22
Acetophenone
Concen: 48.04 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:105 Resp: 484797
Ion Ratio Lower Upper
105 100
71 8.2 7.4 11.0
51 46.2 34.2 51.4
120 22.7 17.7 26.5





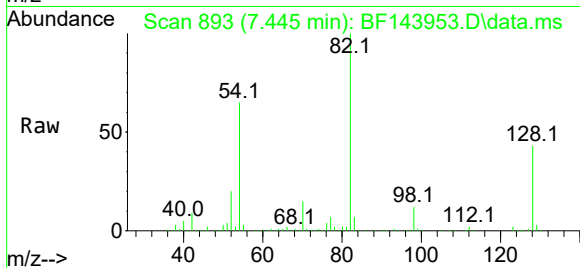
#23
Nitrobenzene-d5
Concen: 87.97 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

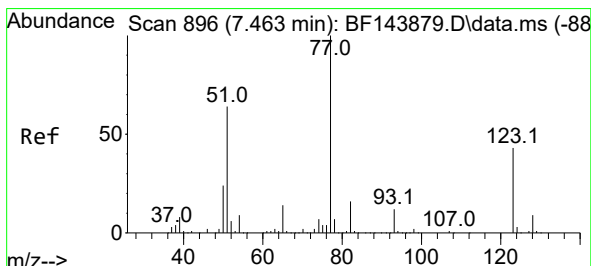
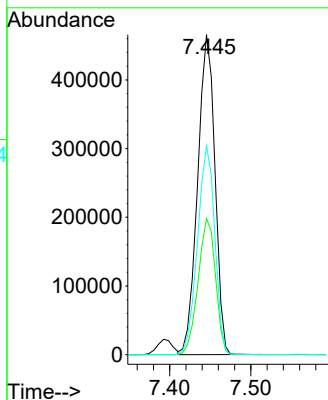
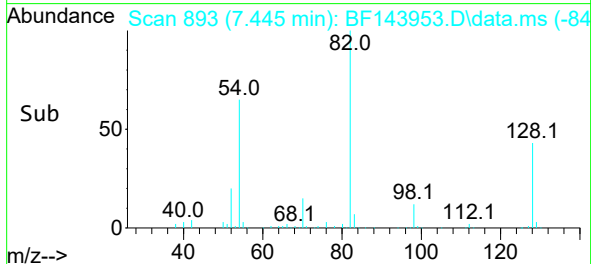
PB170101BS



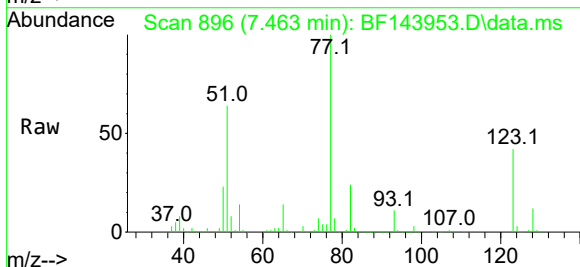
Tgt Ion: 82 Resp: 691083
Ion Ratio Lower Upper
82 100
128 42.6 34.0 51.0
54 65.3 53.2 79.8

Manual Integrations
APPROVED

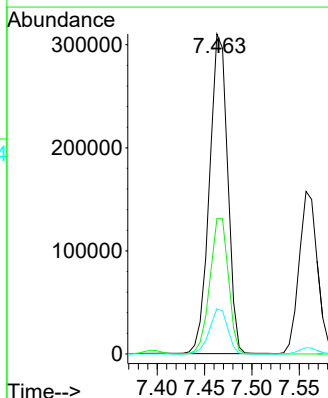
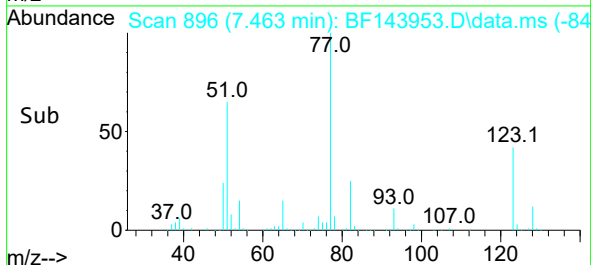
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

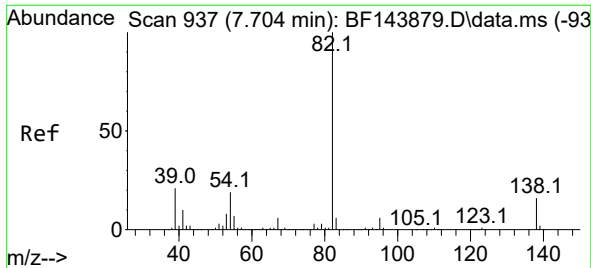


#24
Nitrobenzene
Concen: 47.48 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



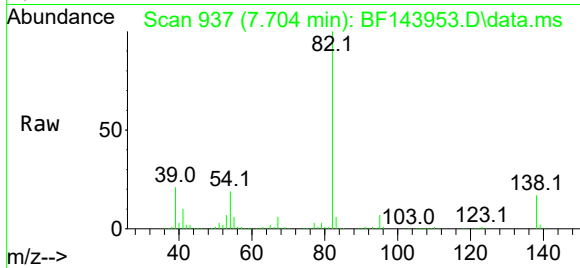
Tgt Ion: 77 Resp: 414210
Ion Ratio Lower Upper
77 100
123 42.3 34.2 51.4
65 14.1 11.0 16.6





#25
Isophorone
Concen: 46.51 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

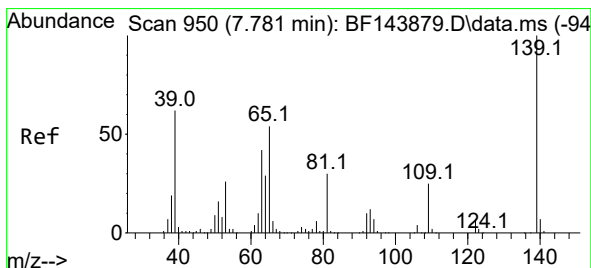
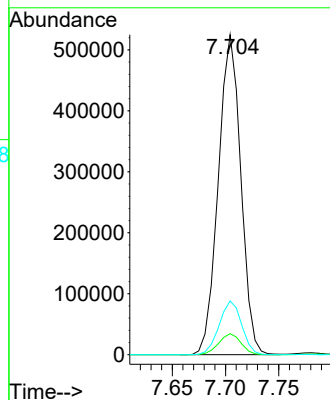
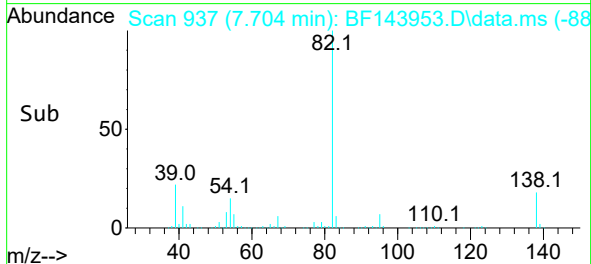
Instrument :
BNA_F
ClientSampleId :
PB170101BS



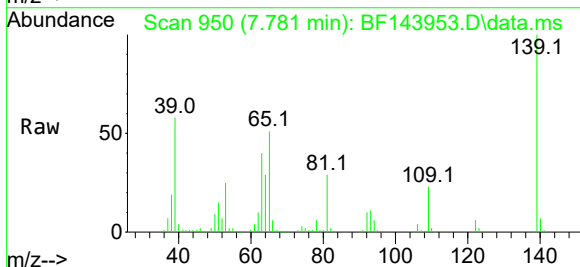
Tgt Ion: 82 Resp: 770350
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 16.8 12.9 19.3

Manual Integrations
APPROVED

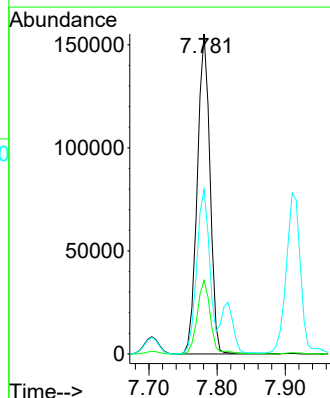
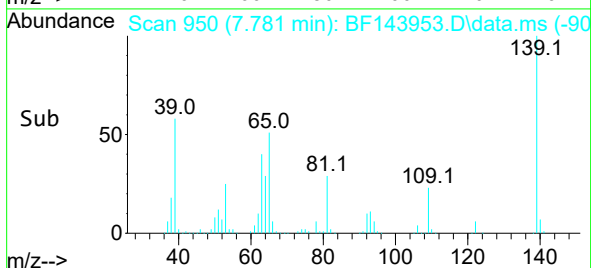
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

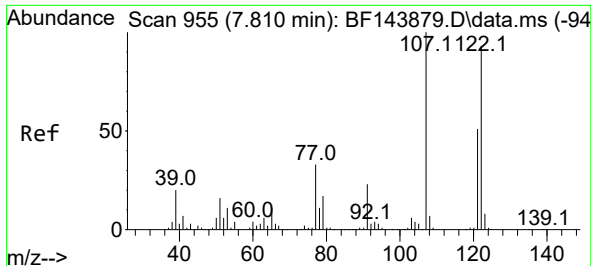


#26
2-Nitrophenol
Concen: 53.82 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:139 Resp: 201282
Ion Ratio Lower Upper
139 100
109 23.0 19.8 29.6
65 51.4 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 50.32 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

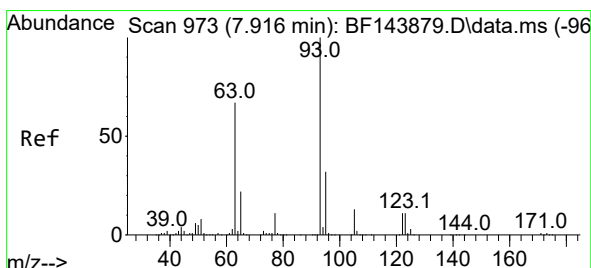
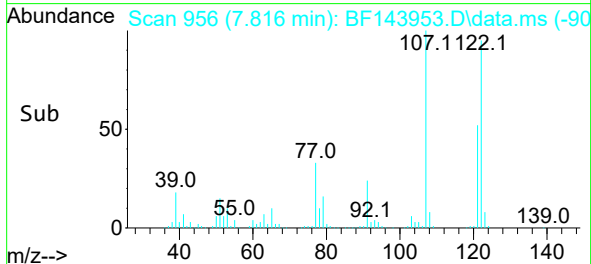
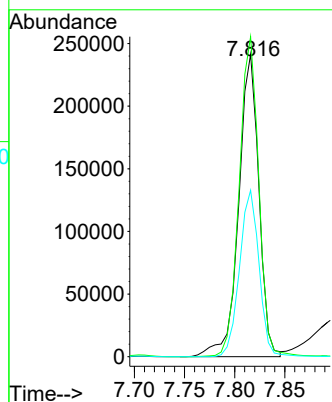
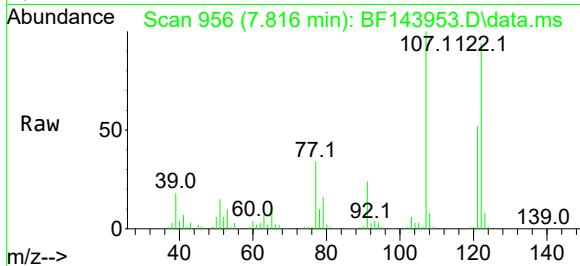
ClientSampleId :

PB170101BS

Tgt Ion:122 Resp: 338524
Ion Ratio Lower Upper
122 100
107 105.8 86.1 129.1
121 55.0 43.8 65.6

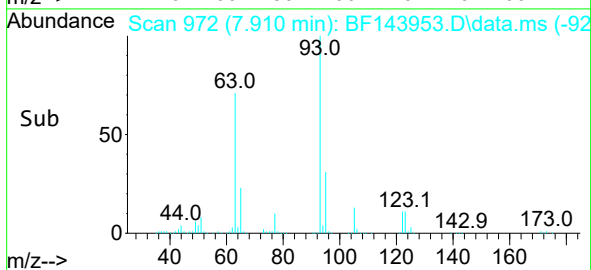
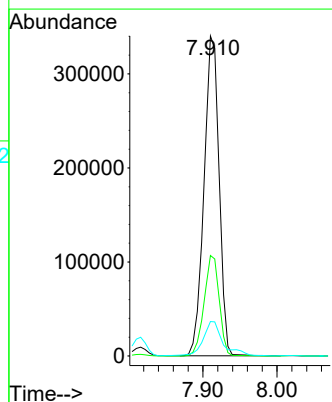
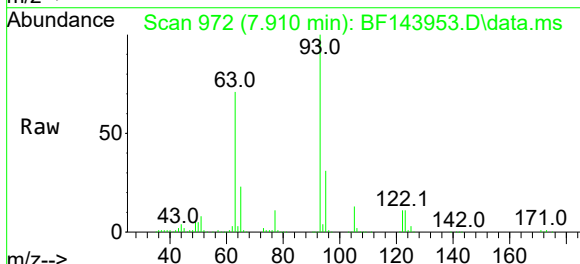
Manual Integrations
APPROVED

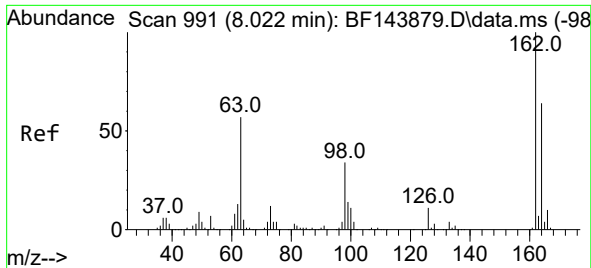
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.07 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Tgt Ion: 93 Resp: 482017
Ion Ratio Lower Upper
93 100
95 31.4 25.9 38.9
123 10.8 9.4 14.0





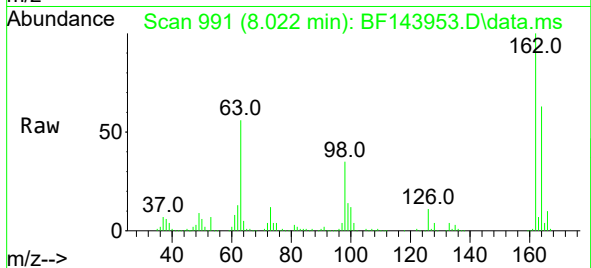
#29
2,4-Dichlorophenol
Concen: 45.96 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



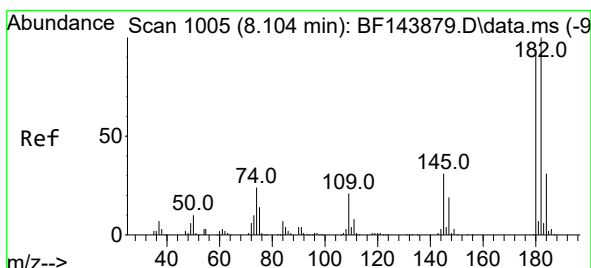
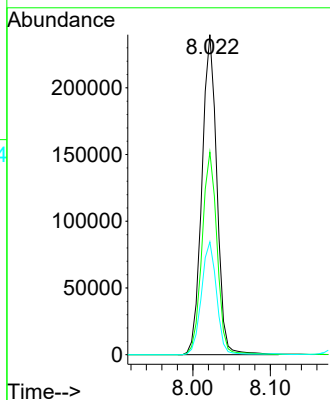
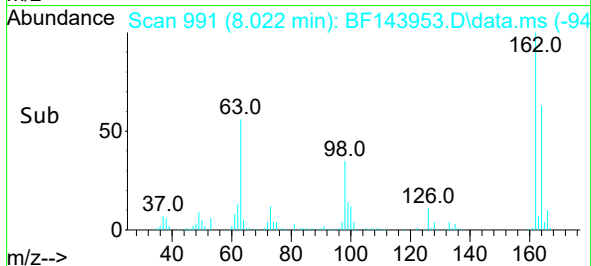
Tgt Ion:162 Resp: 322070
Ion Ratio Lower Upper
162 100
164 63.3 43.9 83.9
98 35.3 14.4 54.4

Manual Integrations

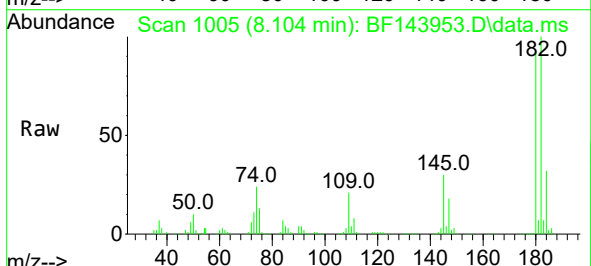
APPROVED

Reviewed By :Rahul Chavli 10/16/2025

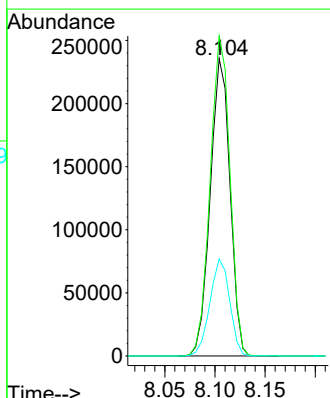
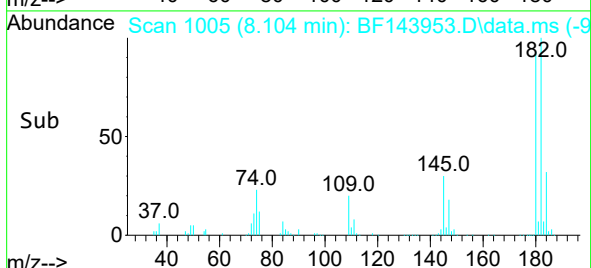
Supervised By :Jagrut Upadhyay 10/16/2025

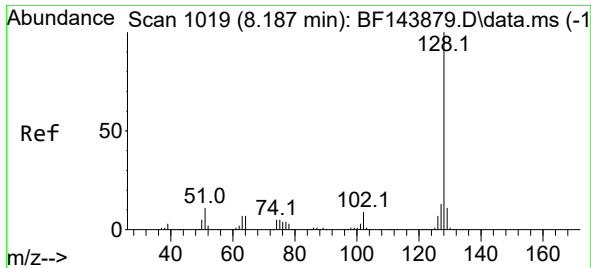


#30
1,2,4-Trichlorobenzene
Concen: 46.77 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:180 Resp: 322337
Ion Ratio Lower Upper
180 100
182 107.6 85.4 128.0
145 32.6 26.3 39.5





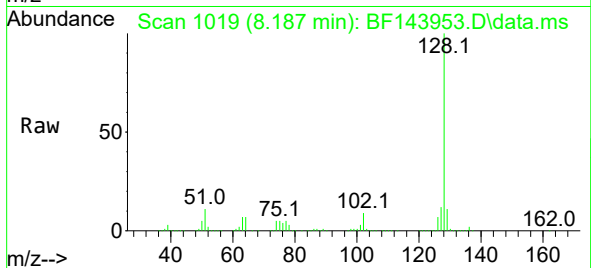
#31
Naphthalene
Concen: 44.52 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



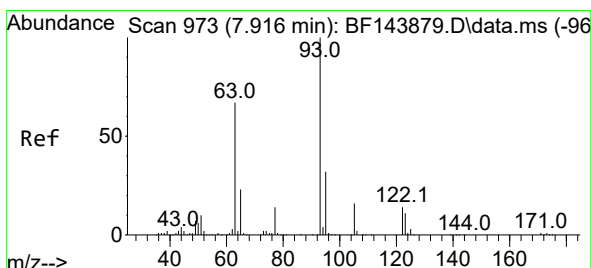
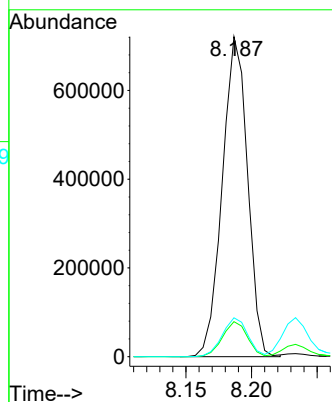
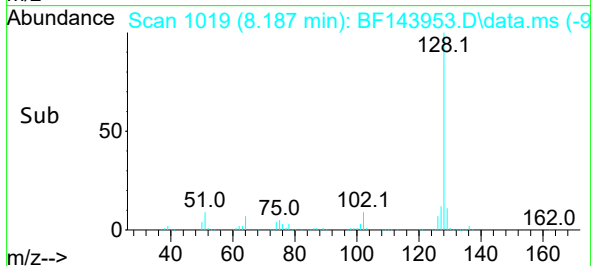
Tgt Ion:128 Resp: 96661
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.2 10.0 15.0

Manual Integrations

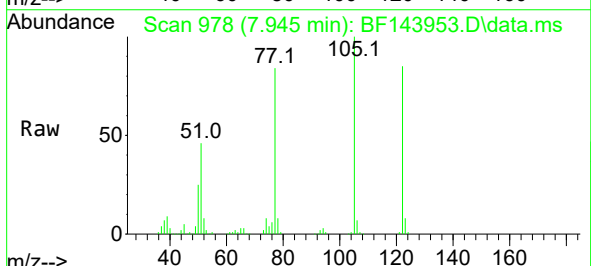
APPROVED

Reviewed By :Rahul Chavli 10/16/2025

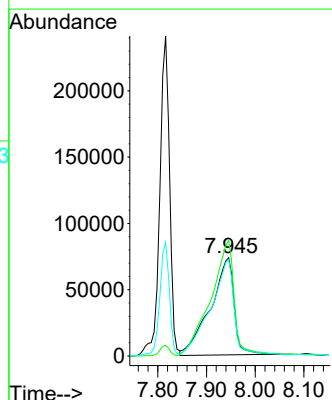
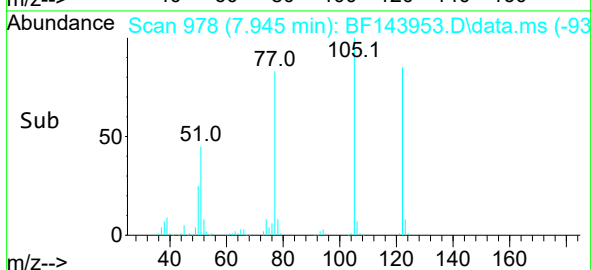
Supervised By :Jagrut Upadhyay 10/16/2025

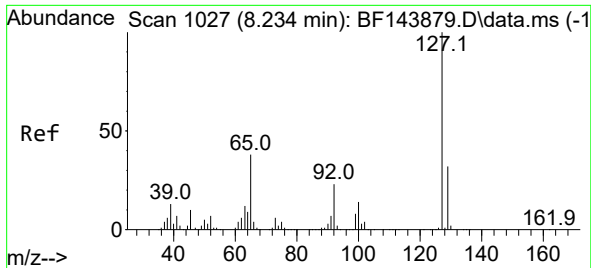


#32
Benzoic acid
Concen: 53.26 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.018 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:122 Resp: 247985
Ion Ratio Lower Upper
122 100
105 117.3 93.5 133.5
77 98.2 76.3 116.3





#33
4-Chloroaniline
Concen: 15.79 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS

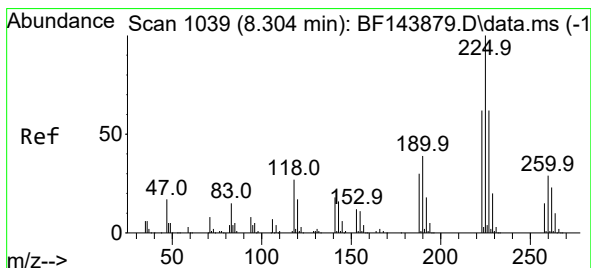
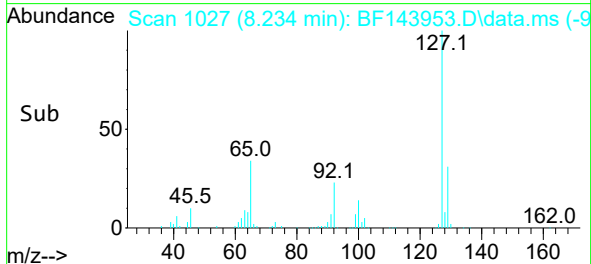
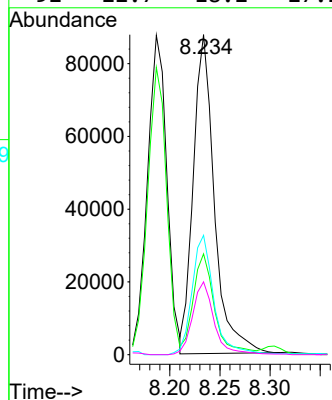
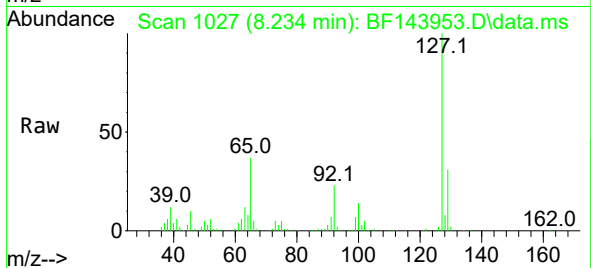
Tgt Ion:127 Resp: 128530
Ion Ratio Lower Upper
127 100
129 31.5 25.8 38.8
65 37.3 30.0 45.0
92 22.7 18.2 27.2

Manual Integrations

APPROVED

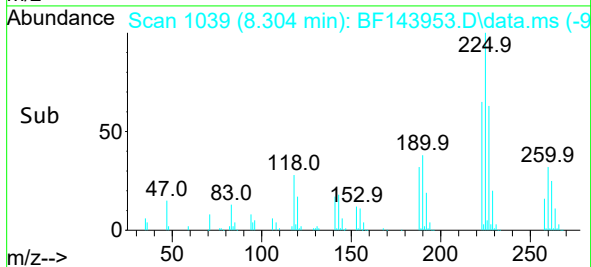
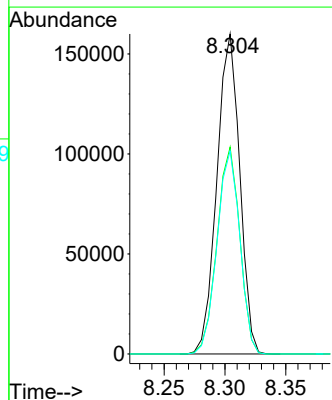
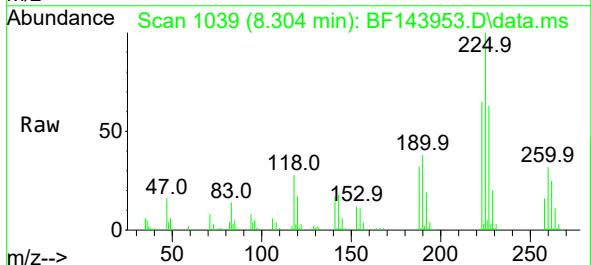
Reviewed By :Rahul Chavli 10/16/2025

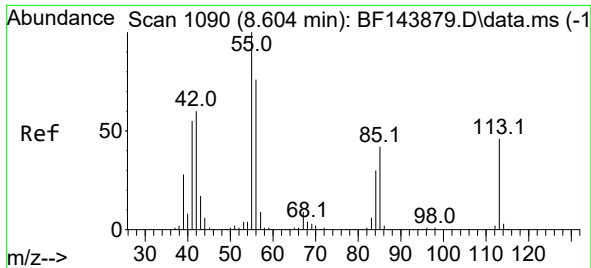
Supervised By :Jagrut Upadhyay 10/16/2025



#34
Hexachlorobutadiene
Concen: 43.67 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

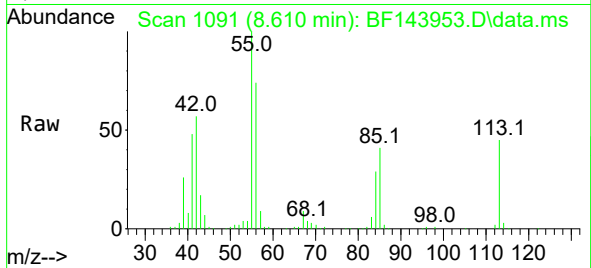
Tgt Ion:225 Resp: 209163
Ion Ratio Lower Upper
225 100
223 64.6 49.4 74.2
227 63.5 49.7 74.5





#35
Caprolactam
Concen: 49.49 ng m
RT: 8.610 min Scan# 1109
Delta R.T. -0.035 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

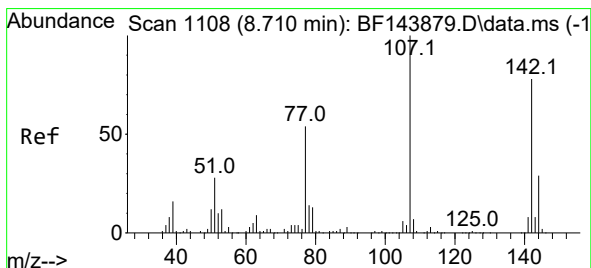
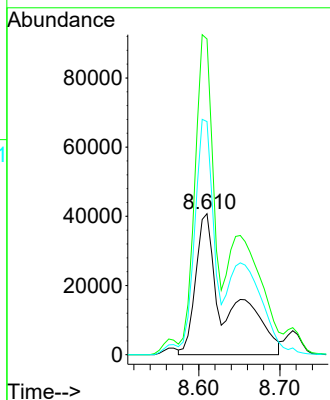
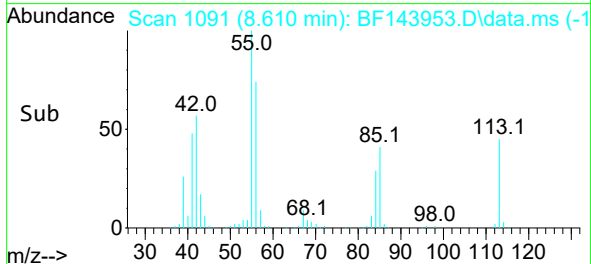
Instrument :
BNA_F
ClientSampleId :
PB170101BS



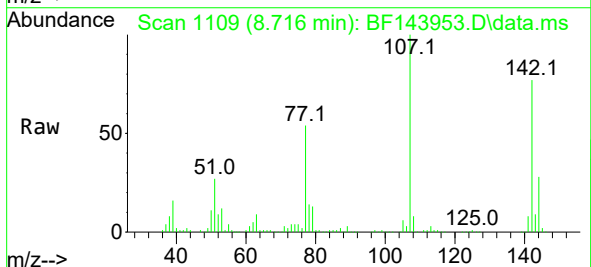
Tgt Ion:113 Resp: 110278
Ion Ratio Lower Upper
113 100
55 224.0 199.6 239.6
56 165.4 146.0 186.0

Manual Integrations
APPROVED

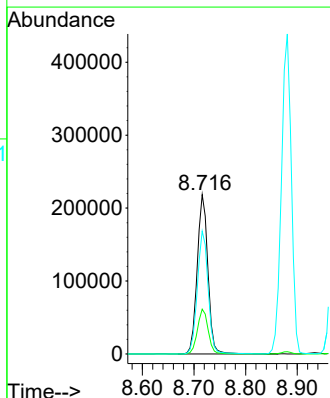
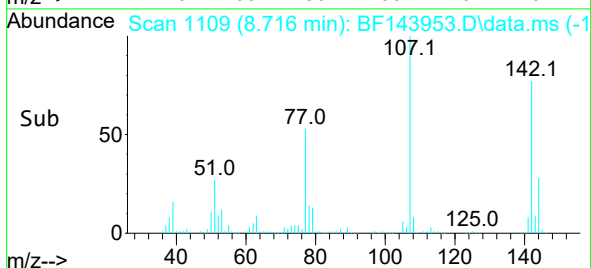
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

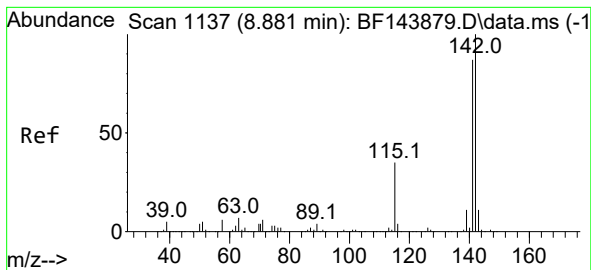


#36
4-Chloro-3-methylphenol
Concen: 46.82 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



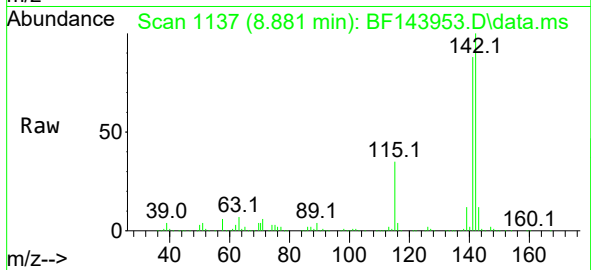
Tgt Ion:107 Resp: 315186
Ion Ratio Lower Upper
107 100
144 28.1 23.1 34.7
142 77.1 62.6 94.0





#37
2-Methylnaphthalene
Concen: 40.35 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

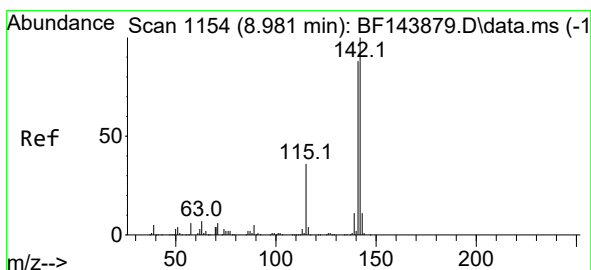
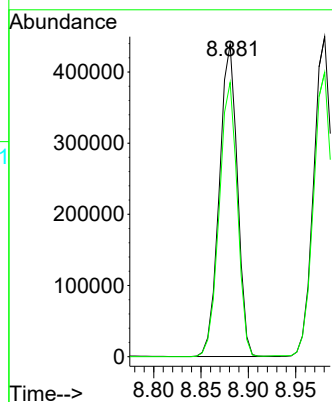
Instrument :
BNA_F
ClientSampleId :
PB170101BS



Tgt Ion:142 Resp: 583509
Ion Ratio Lower Upper
142 100
141 87.8 69.2 103.8

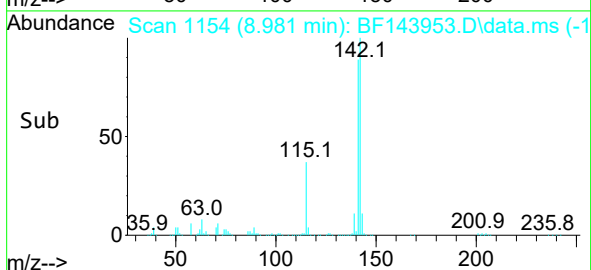
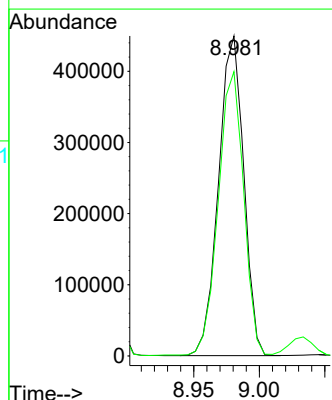
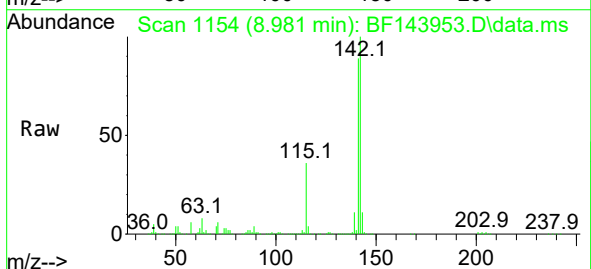
Manual Integrations
APPROVED

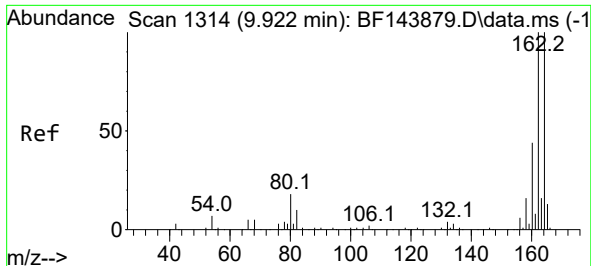
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#38
1-Methylnaphthalene
Concen: 42.78 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Tgt Ion:142 Resp: 600054
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.928 min Scan# 1115

Delta R.T. 0.001 min

Lab File: BF143953.D

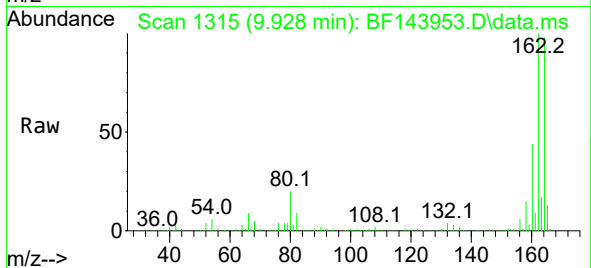
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



Tgt Ion:164 Resp: 26104

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

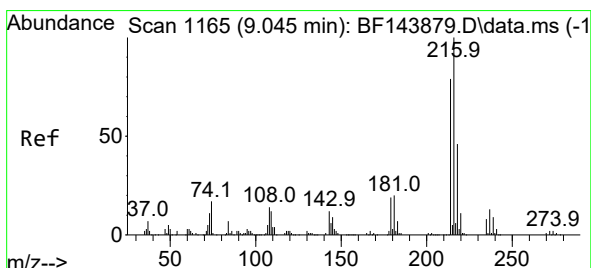
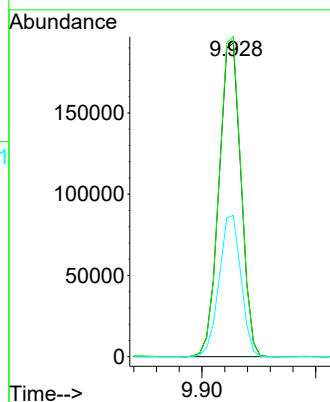
160 45.1 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/16/2025

Supervised By :Jagrut Upadhyay 10/16/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.56 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143953.D

Acq: 15 Oct 2025 15:31

Tgt Ion:216 Resp: 350344

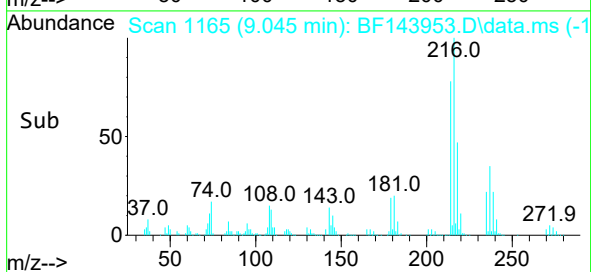
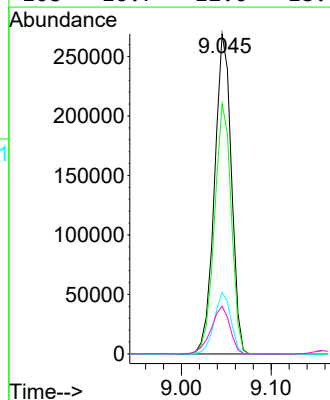
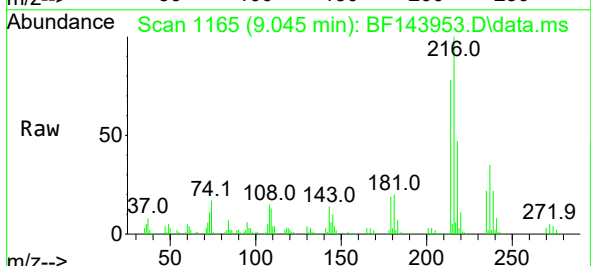
Ion Ratio Lower Upper

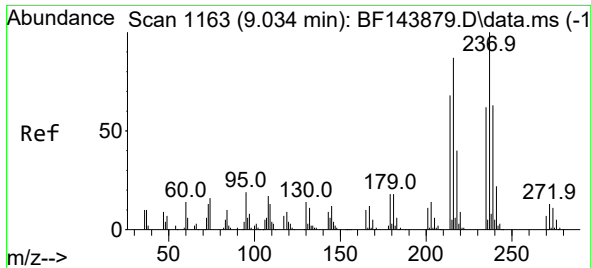
216 100

214 77.9 62.6 94.0

179 18.9 15.4 23.0

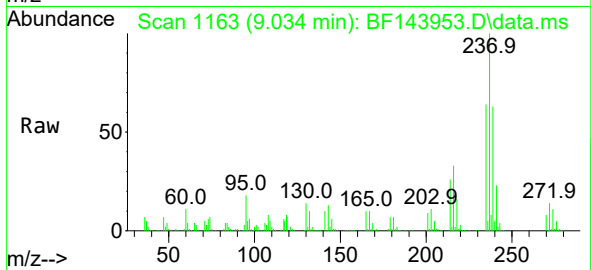
108 16.7 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 114.84 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

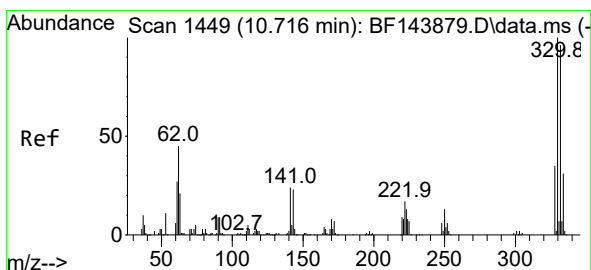
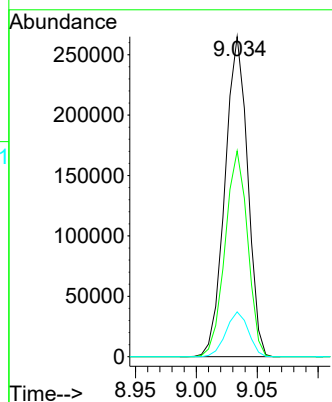
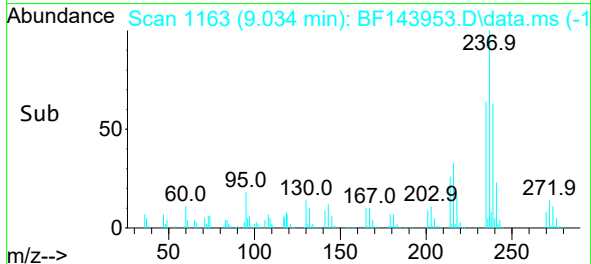
Instrument :
BNA_F
ClientSampleId :
PB170101BS



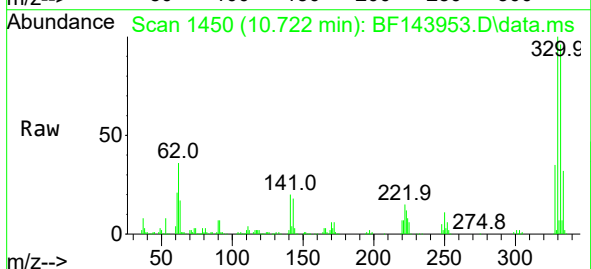
Tgt Ion:237 Resp: 34372
Ion Ratio Lower Upper
237 100
235 64.3 42.3 82.3
272 14.0 0.0 33.1

Manual Integrations
APPROVED

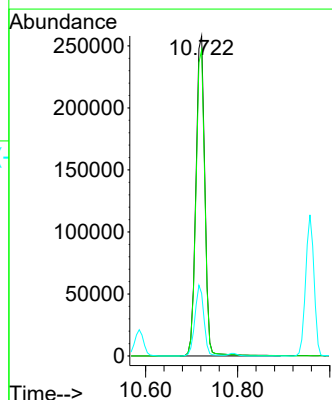
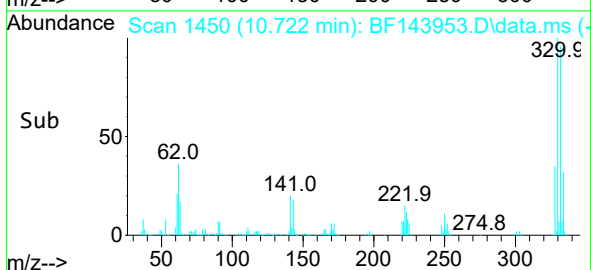
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

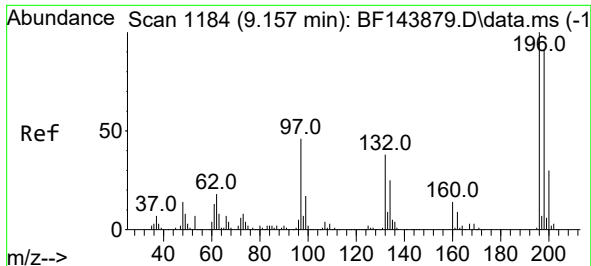


#42
2,4,6-Tribromophenol
Concen: 132.44 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:330 Resp: 344344
Ion Ratio Lower Upper
330 100
332 95.5 76.9 115.3
141 22.3 20.2 30.4





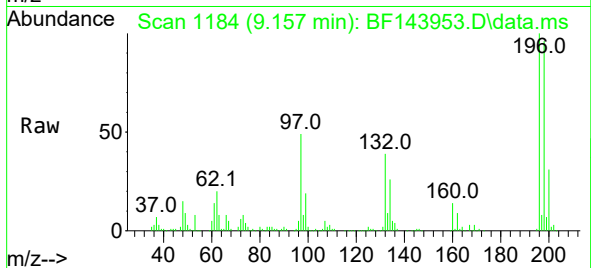
#43
2,4,6-Trichlorophenol
Concen: 44.98 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



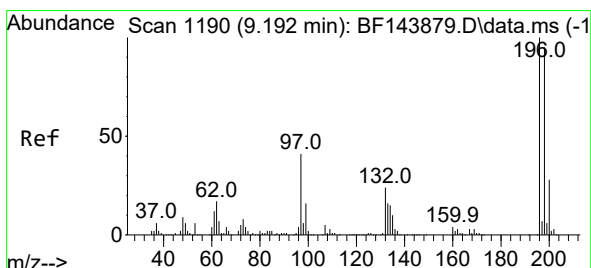
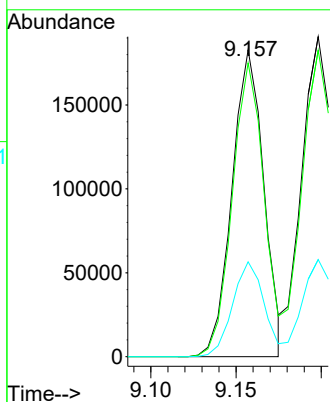
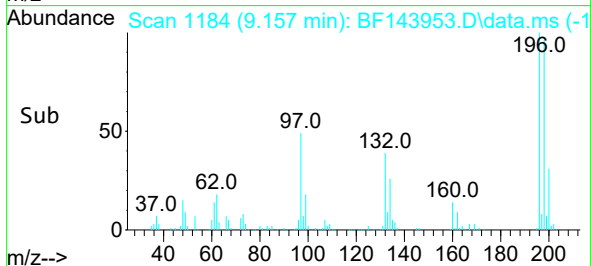
Tgt Ion:196 Resp: 237100
Ion Ratio Lower Upper
196 100
198 95.7 72.8 109.2
200 30.9 24.0 36.0

Manual Integrations

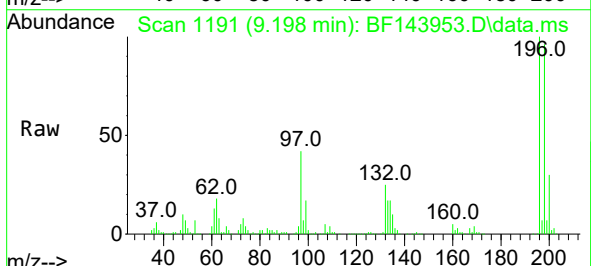
APPROVED

Reviewed By :Rahul Chavli 10/16/2025

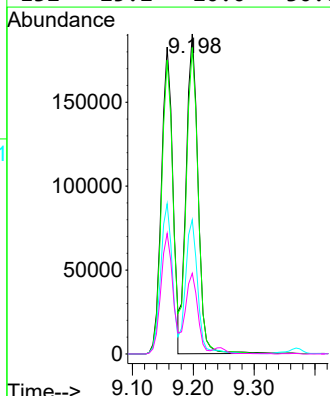
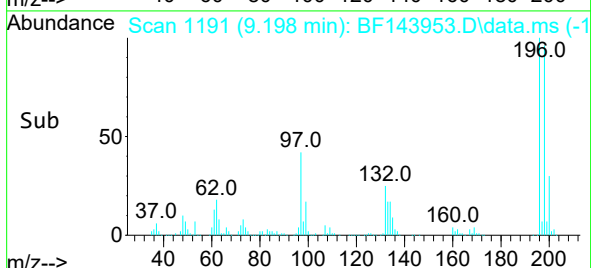
Supervised By :Jagrut Upadhyay 10/16/2025

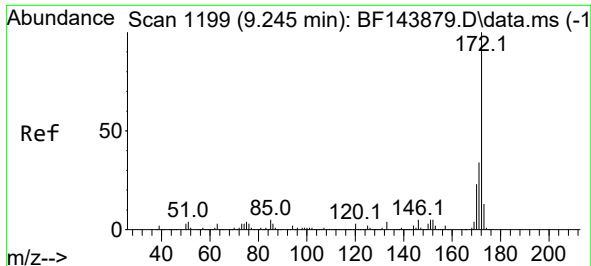


#44
2,4,5-Trichlorophenol
Concen: 46.31 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



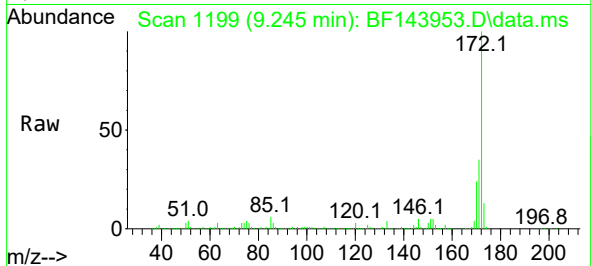
Tgt Ion:196 Resp: 257981
Ion Ratio Lower Upper
196 100
198 95.8 75.5 113.3
97 41.9 33.9 50.9
132 25.2 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 78.09 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

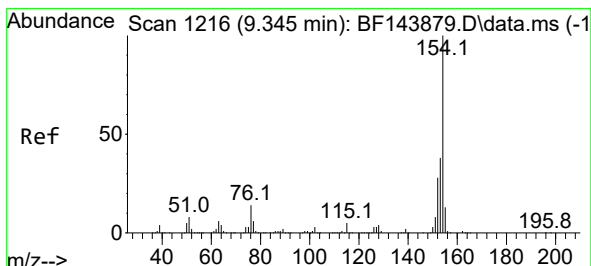
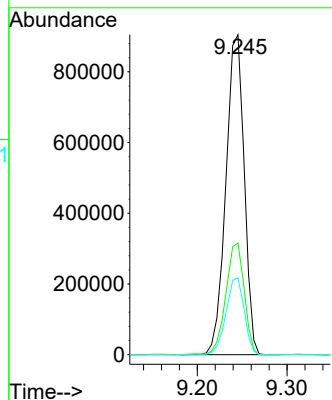
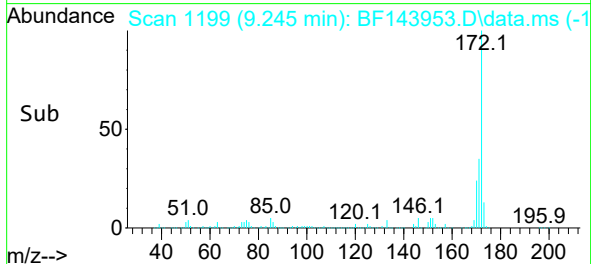
Instrument :
BNA_F
ClientSampleId :
PB170101BS



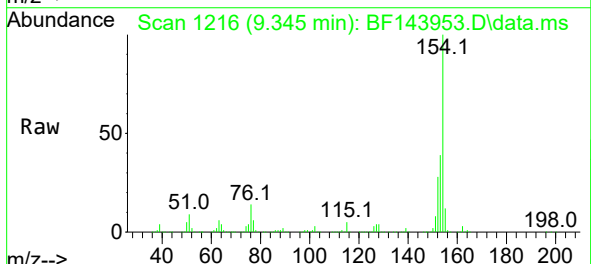
Tgt Ion:172 Resp: 128475
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.0
170 24.0 18.6 28.0

Manual Integrations
APPROVED

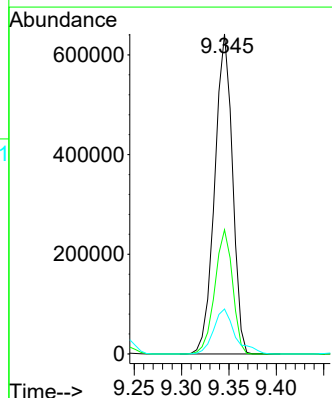
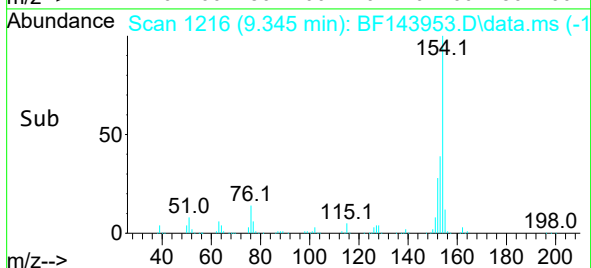
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

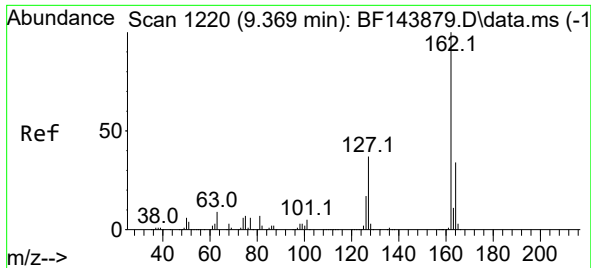


#46
1,1'-Biphenyl
Concen: 48.40 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:154 Resp: 836571
Ion Ratio Lower Upper
154 100
153 38.8 18.4 58.4
76 14.1 0.0 34.0





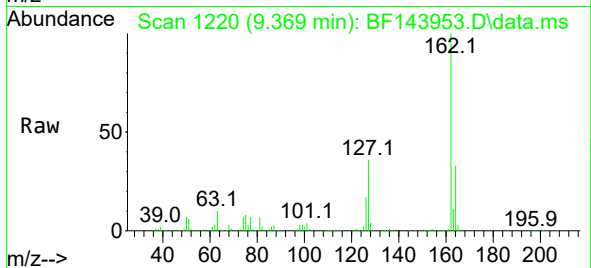
#47
2-Chloronaphthalene
Concen: 44.70 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



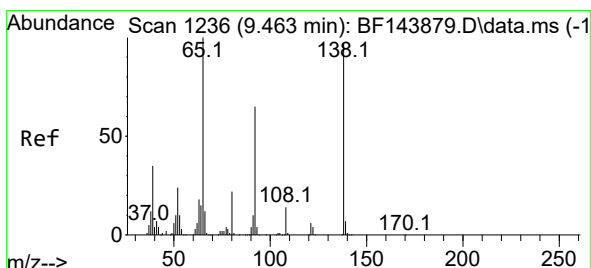
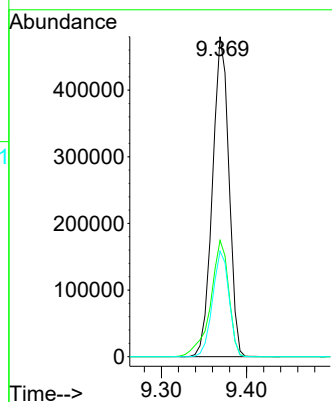
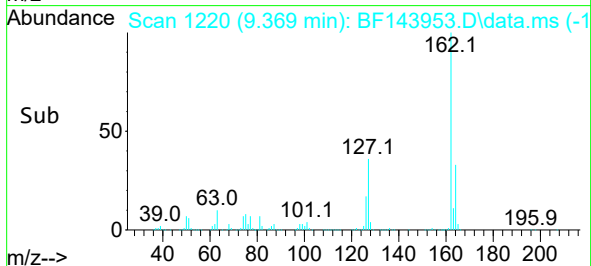
Tgt Ion:162 Resp: 64413
Ion Ratio Lower Upper
162 100
127 36.3 30.2 45.2
164 33.0 26.9 40.3

Manual Integrations

APPROVED

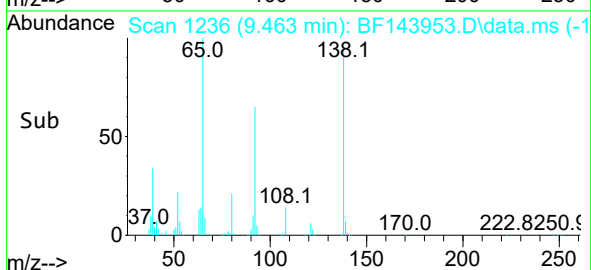
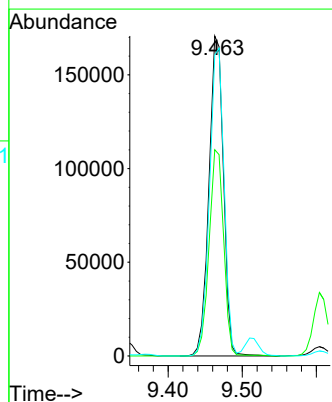
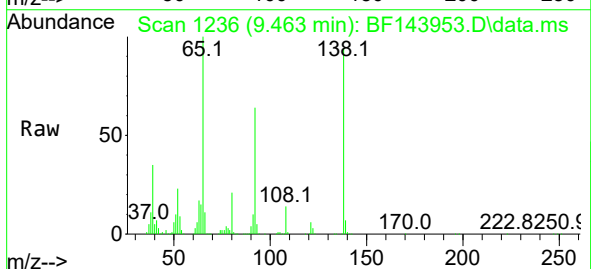
Reviewed By :Rahul Chavli 10/16/2025

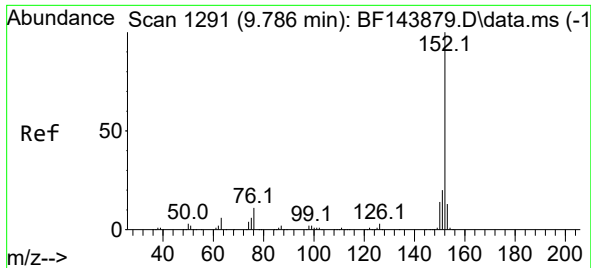
Supervised By :Jagrut Upadhyay 10/16/2025



#48
2-Nitroaniline
Concen: 51.06 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Tgt Ion: 65 Resp: 232602
Ion Ratio Lower Upper
65 100
92 64.4 52.1 78.1
138 94.0 77.4 116.2





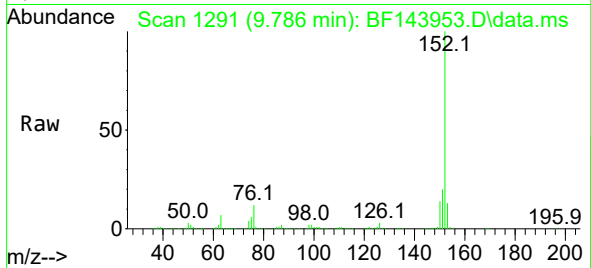
#49
Acenaphthylene
Concen: 49.90 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



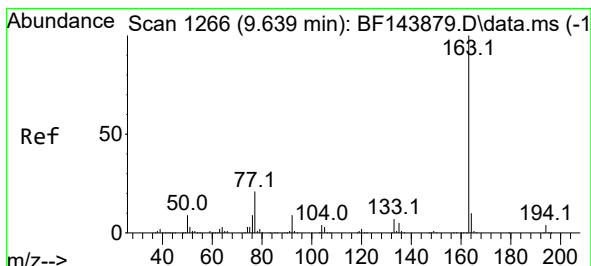
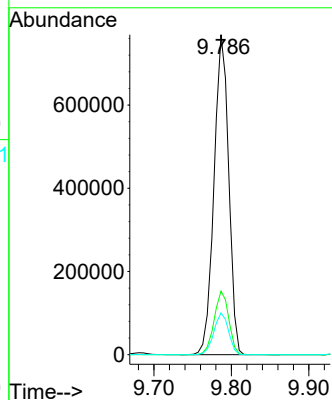
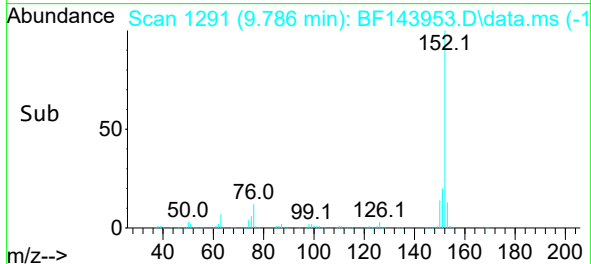
Tgt Ion:152 Resp: 1010929
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.1 10.5 15.7

Manual Integrations

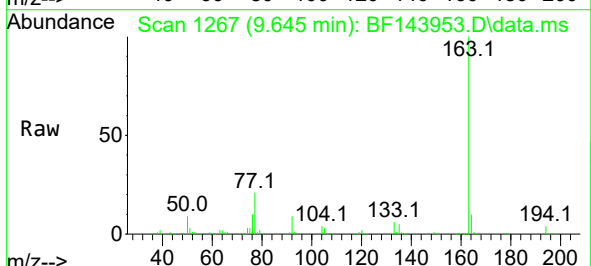
APPROVED

Reviewed By :Rahul Chavli 10/16/2025

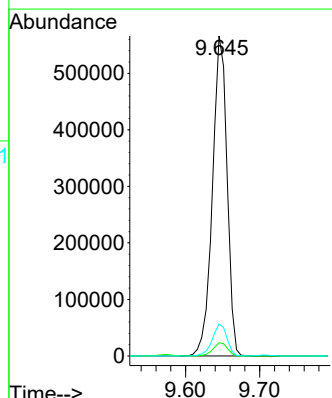
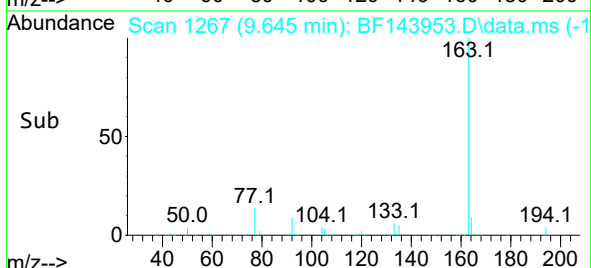
Supervised By :Jagrut Upadhyay 10/16/2025

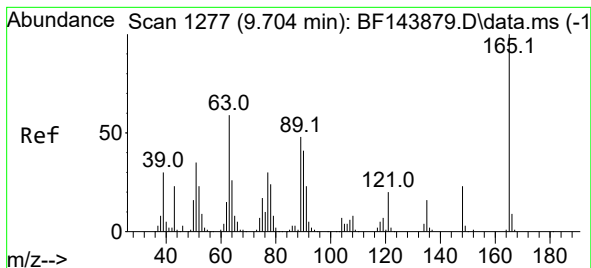


#50
Dimethylphthalate
Concen: 46.74 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:163 Resp: 774740
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 54.48 ng
RT: 9.710 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS

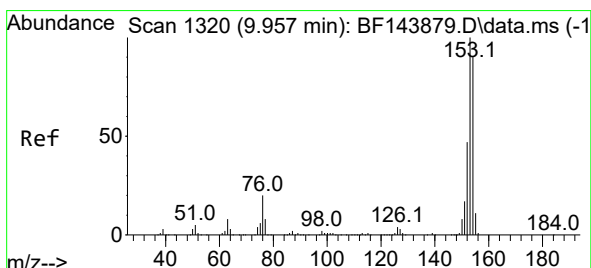
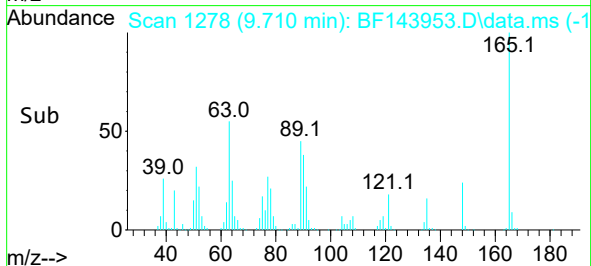
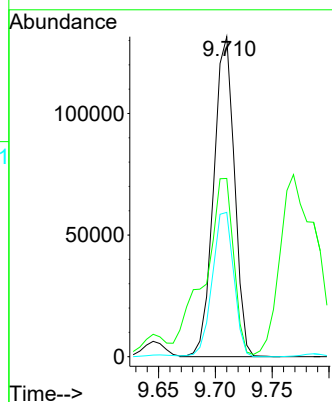
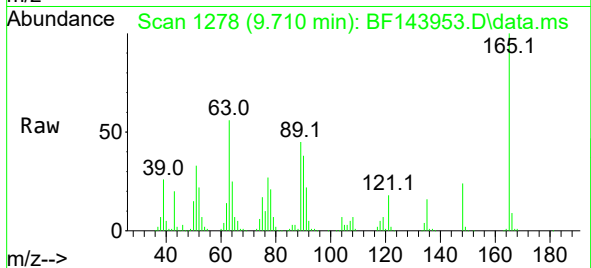
Tgt Ion:165 Resp: 167460
Ion Ratio Lower Upper
165 100
63 55.7 47.3 70.9
89 45.1 38.2 57.4

Manual Integrations

APPROVED

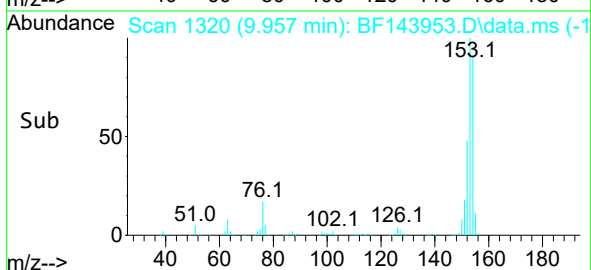
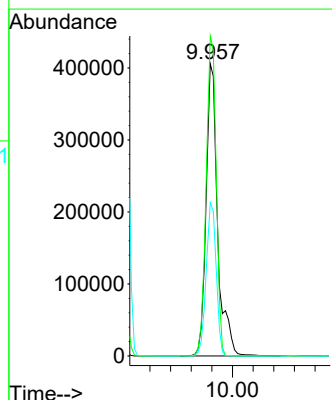
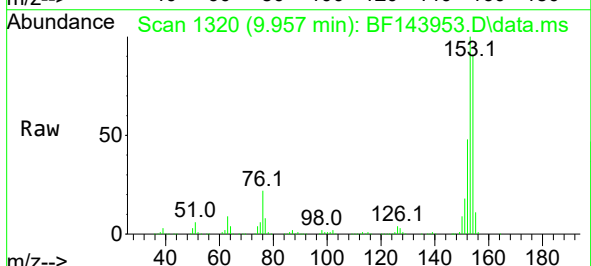
Reviewed By :Rahul Chavli 10/16/2025

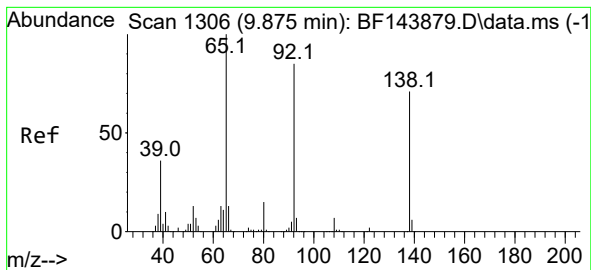
Supervised By :Jagrut Upadhyay 10/16/2025



#52
Acenaphthene
Concen: 47.65 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Tgt Ion:154 Resp: 632556
Ion Ratio Lower Upper
154 100
153 109.5 89.3 133.9
152 52.5 42.2 63.2





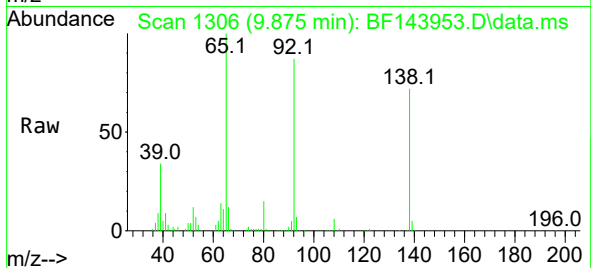
#53
3-Nitroaniline
Concen: 30.22 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



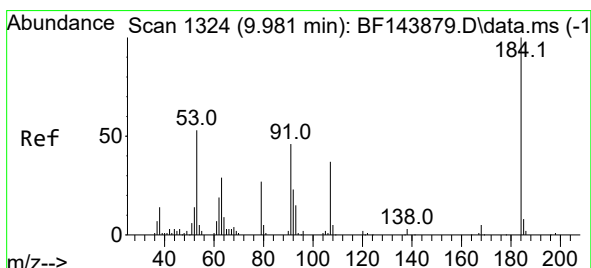
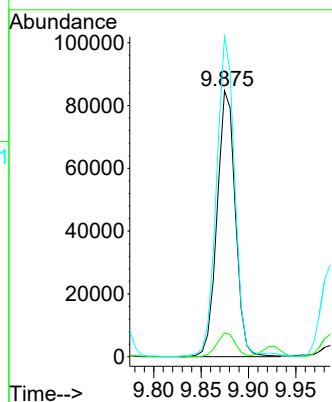
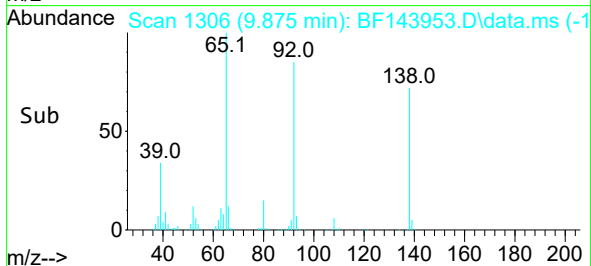
Tgt Ion:138 Resp: 11374
Ion Ratio Lower Upper
138 100
108 9.0 8.3 12.5
92 120.4 96.2 144.2

Manual Integrations

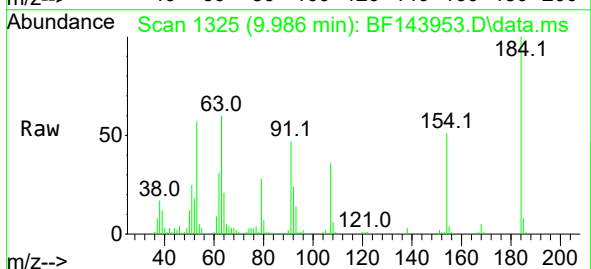
APPROVED

Reviewed By :Rahul Chavli 10/16/2025

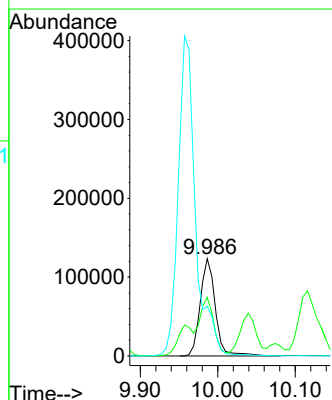
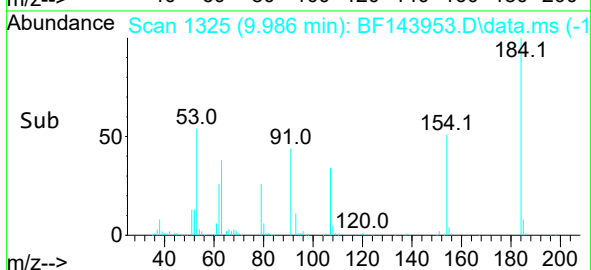
Supervised By :Jagrut Upadhyay 10/16/2025

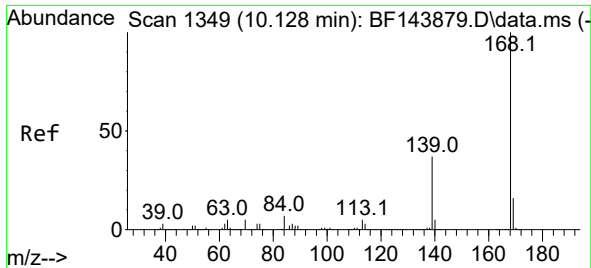


#54
2,4-Dinitrophenol
Concen: 87.63 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



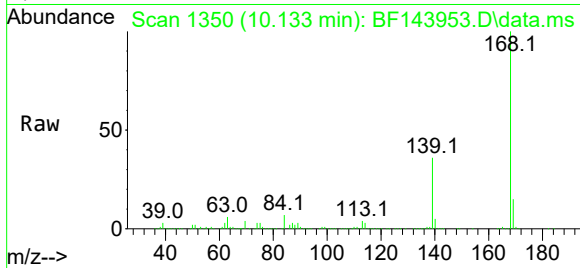
Tgt Ion:184 Resp: 167527
Ion Ratio Lower Upper
184 100
63 60.3 48.2 72.4
154 50.9 49.2 73.8





#55
Dibenzofuran
Concen: 45.10 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

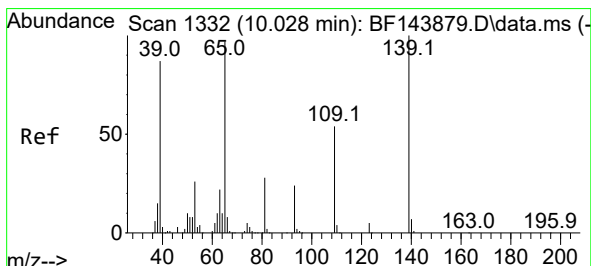
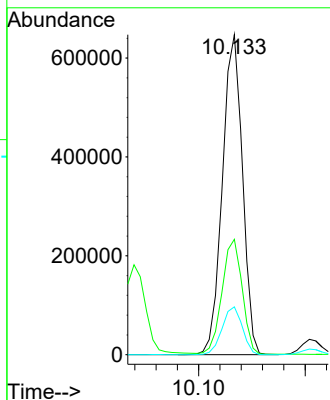
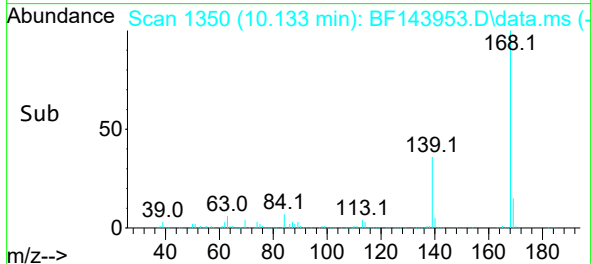
Instrument :
BNA_F
ClientSampleId :
PB170101BS



Tgt Ion:168 Resp: 84508
Ion Ratio Lower Upper
168 100
139 36.1 29.8 44.8
169 15.0 12.8 19.2

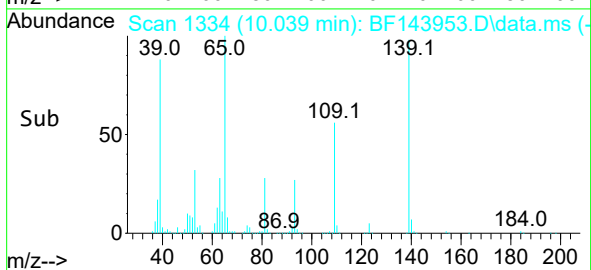
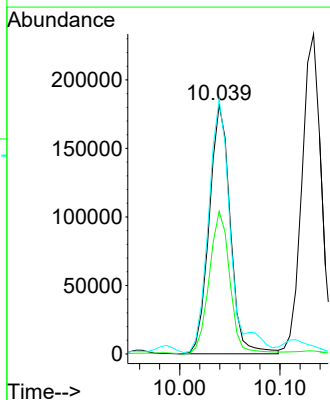
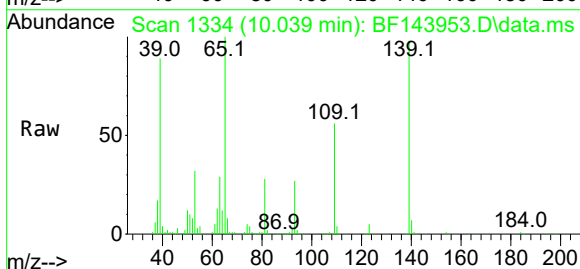
Manual Integrations
APPROVED

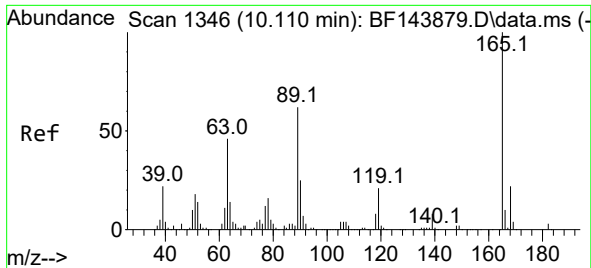
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#56
4-Nitrophenol
Concen: 92.79 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Tgt Ion:139 Resp: 264431
Ion Ratio Lower Upper
139 100
109 57.1 34.5 74.5
65 102.0 77.6 117.6





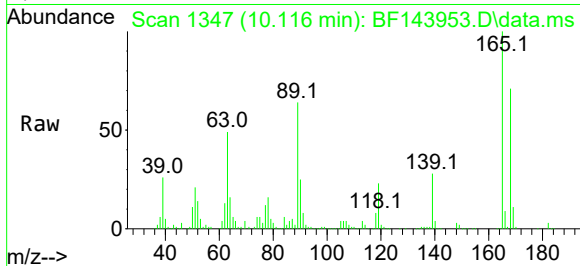
#57
2,4-Dinitrotoluene
Concen: 53.36 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



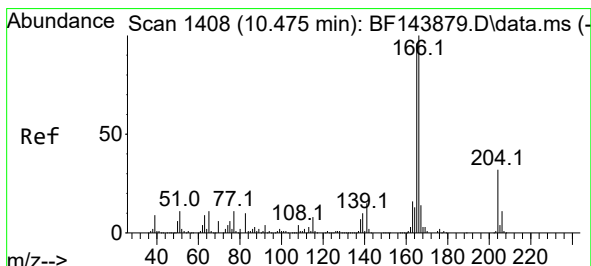
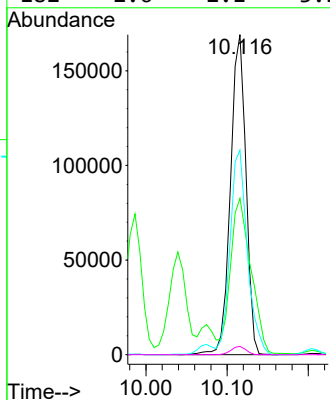
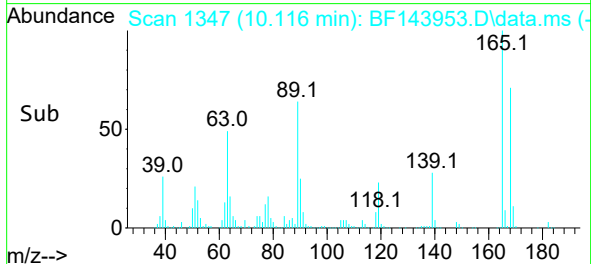
Tgt Ion:165 Resp: 223184
Ion Ratio Lower Upper
165 100
63 48.9 37.2 55.8
89 64.0 49.4 74.2
182 2.6 2.1 3.1

Manual Integrations

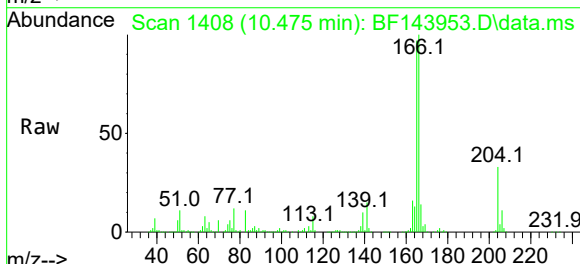
APPROVED

Reviewed By :Rahul Chavli 10/16/2025

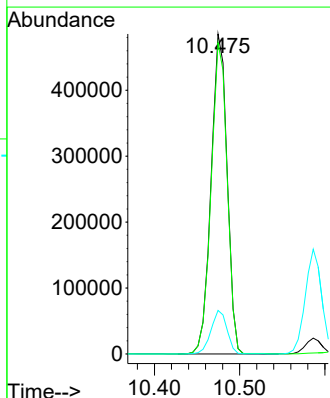
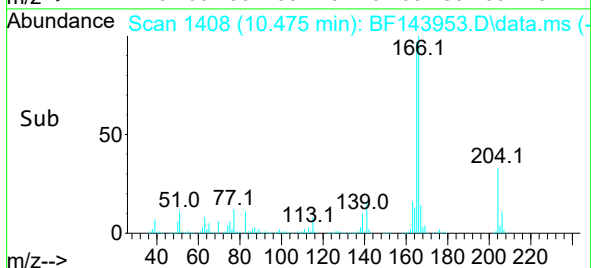
Supervised By :Jagrut Upadhyay 10/16/2025

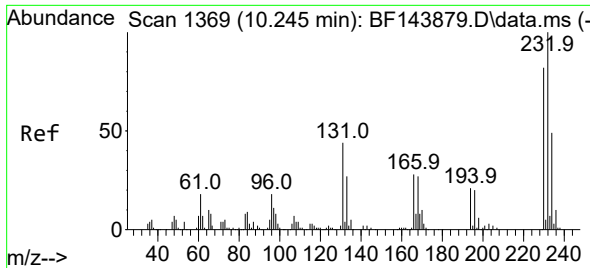


#58
Fluorene
Concen: 44.93 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



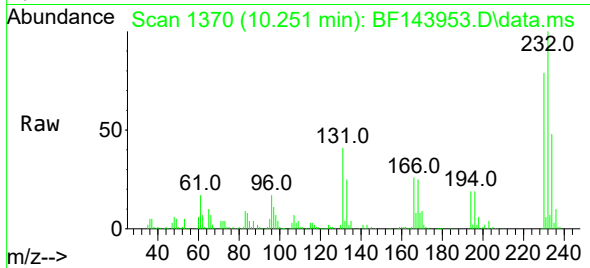
Tgt Ion:166 Resp: 635252
Ion Ratio Lower Upper
166 100
165 97.2 77.0 115.6
167 13.6 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.14 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

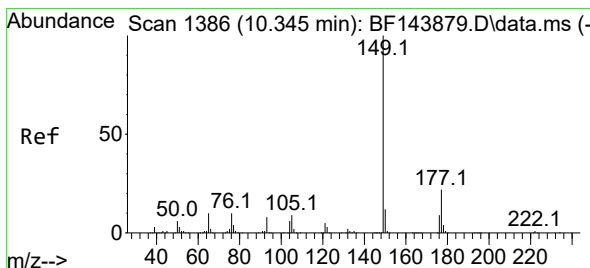
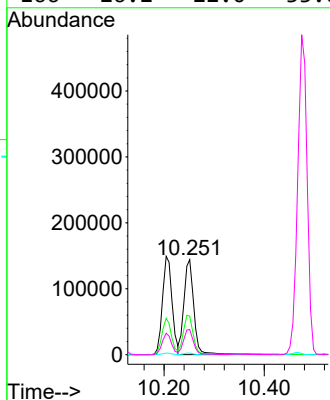
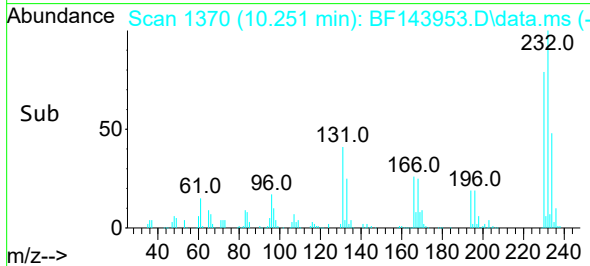
Instrument :
BNA_F
ClientSampleId :
PB170101BS



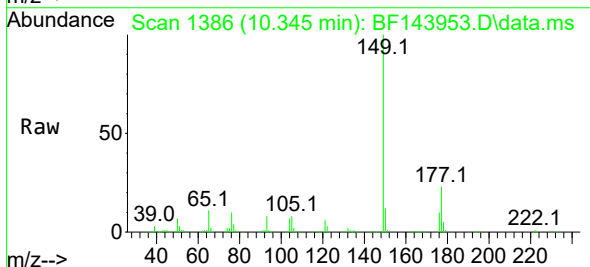
Tgt Ion:232 Resp: 197721
Ion Ratio Lower Upper
232 100
131 41.9 34.9 52.3
130 1.6 1.6 2.4
166 26.2 22.0 33.0

Manual Integrations
APPROVED

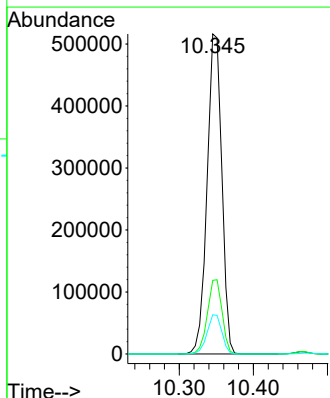
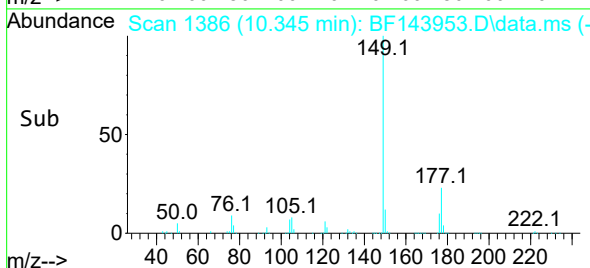
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

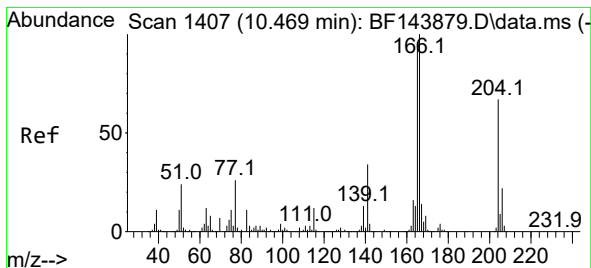


#60
Diethylphthalate
Concen: 46.17 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



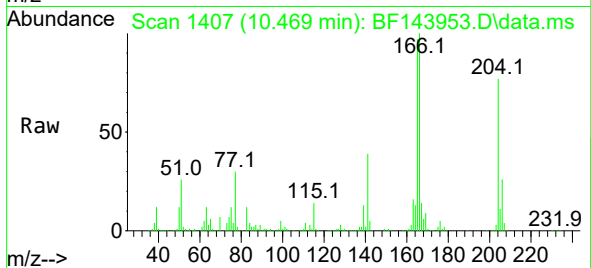
Tgt Ion:149 Resp: 710974
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.2 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 44.67 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

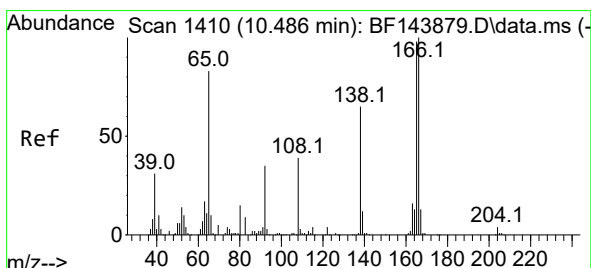
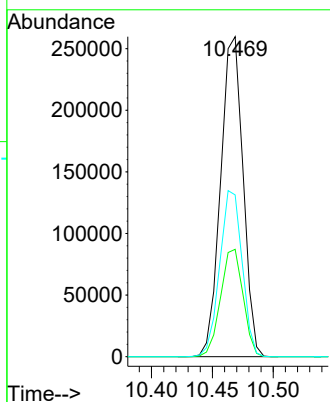
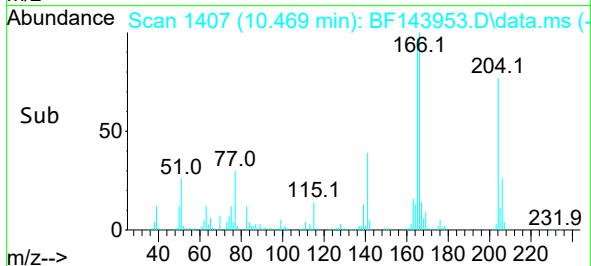
Instrument :
BNA_F
ClientSampleId :
PB170101BS



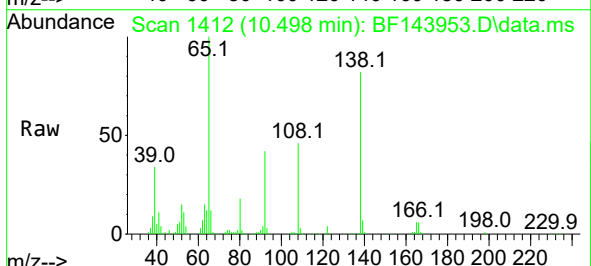
Tgt Ion:204 Resp: 333894
Ion Ratio Lower Upper
204 100
206 33.5 26.6 40.0
141 50.5 40.4 60.6

Manual Integrations
APPROVED

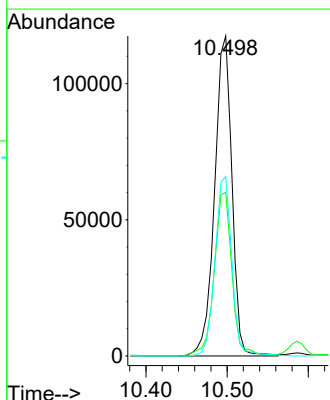
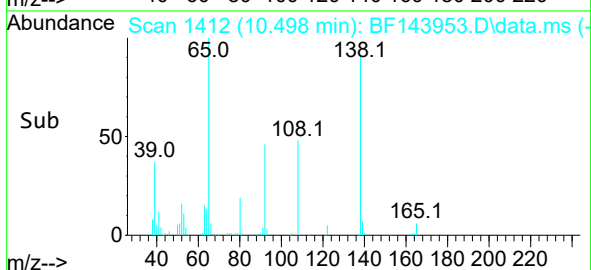
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

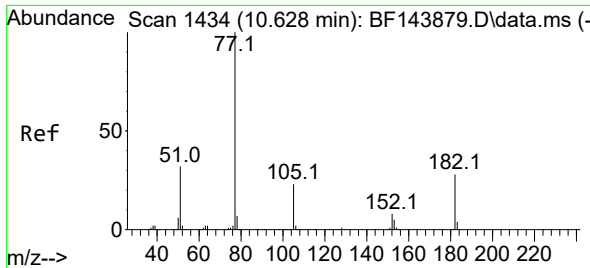


#62
4-Nitroaniline
Concen: 48.21 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:138 Resp: 174492
Ion Ratio Lower Upper
138 100
92 51.1 33.9 73.9
108 56.1 40.2 80.2





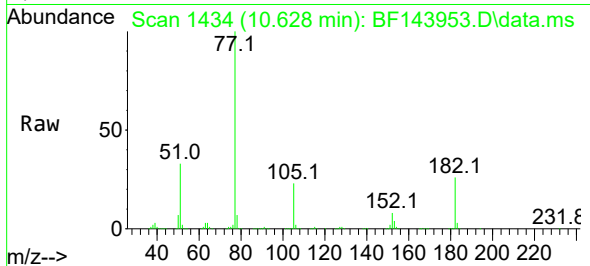
#63
Azobenzene
Concen: 47.83 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



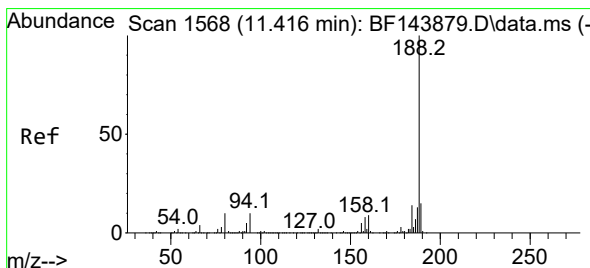
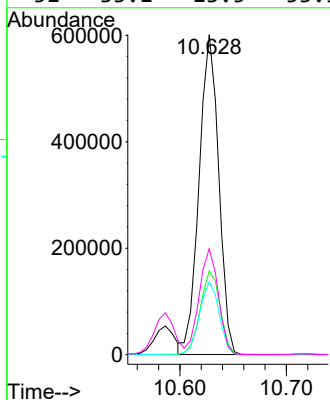
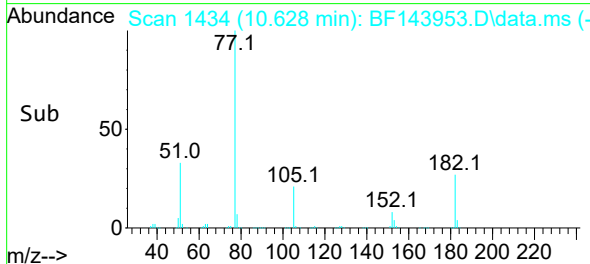
Tgt Ion: 77 Resp: 769864
Ion Ratio Lower Upper
77 100
182 26.2 7.3 47.3
105 22.7 3.0 43.0
51 33.1 13.5 53.5

Manual Integrations

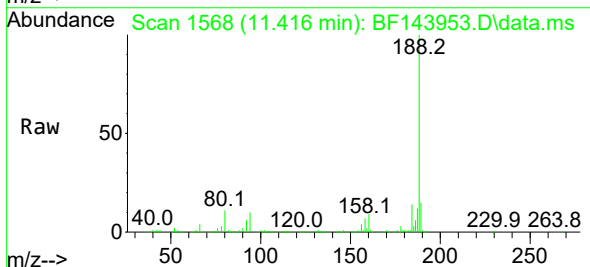
APPROVED

Reviewed By :Rahul Chavli 10/16/2025

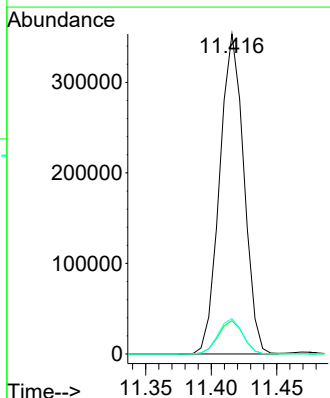
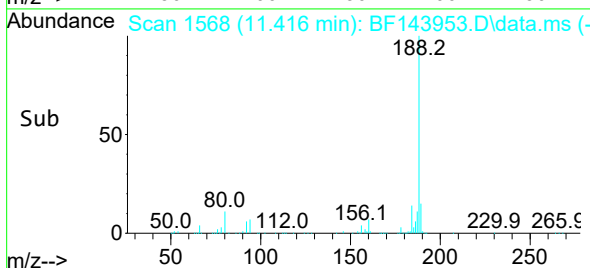
Supervised By :Jagrut Upadhyay 10/16/2025

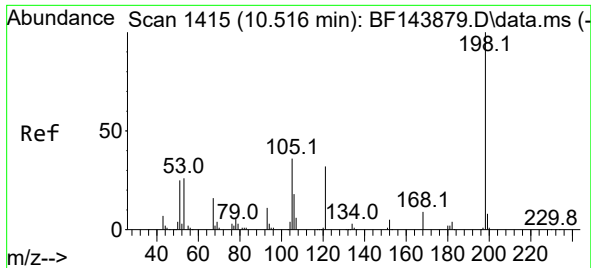


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



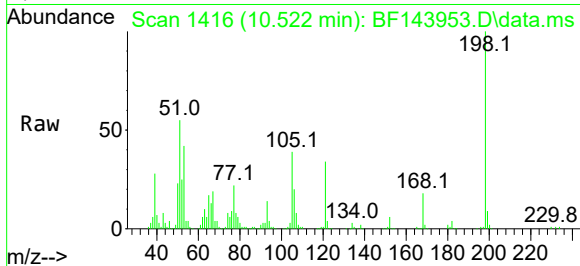
Tgt Ion:188 Resp: 454320
Ion Ratio Lower Upper
188 100
94 10.4 7.8 11.6
80 11.0 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 54.35 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

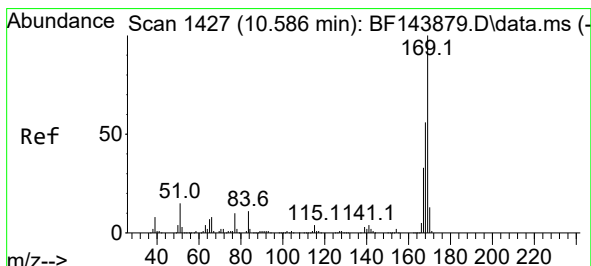
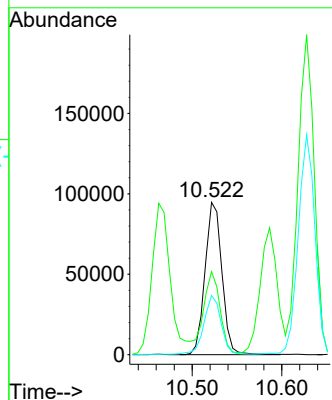
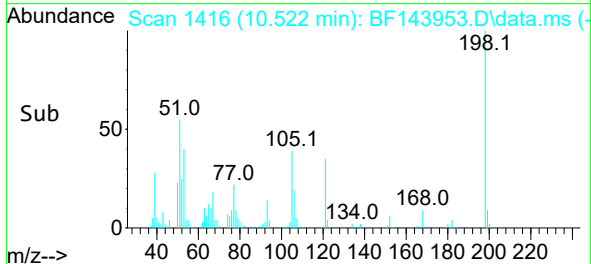
Instrument :
BNA_F
ClientSampleId :
PB170101BS



Tgt Ion:198 Resp: 124095
Ion Ratio Lower Upper
198 100
51 54.5 33.8 73.8
105 38.8 17.0 57.0

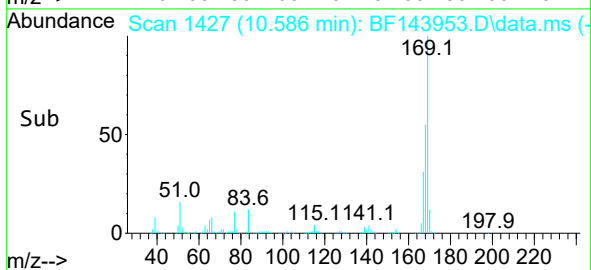
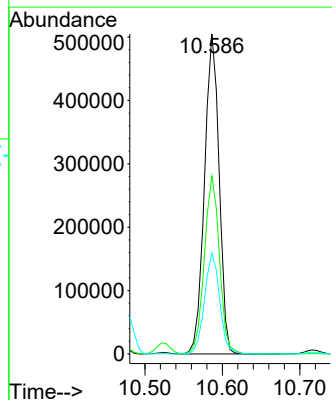
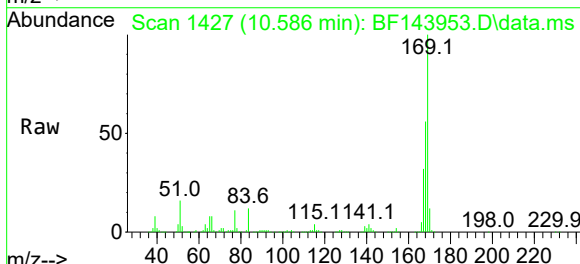
Manual Integrations
APPROVED

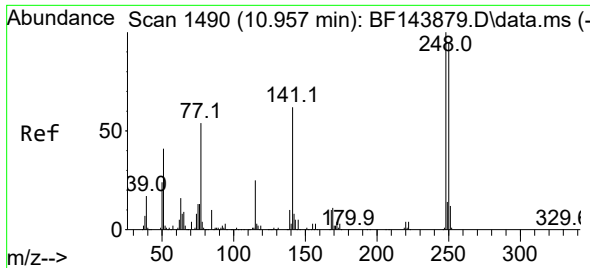
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#66
n-Nitrosodiphenylamine
Concen: 46.38 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

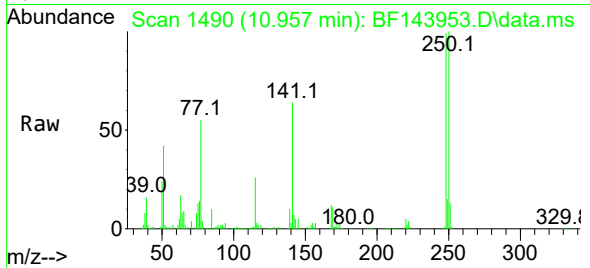
Tgt Ion:169 Resp: 661680
Ion Ratio Lower Upper
169 100
168 55.6 44.9 67.3
167 31.5 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 44.32 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

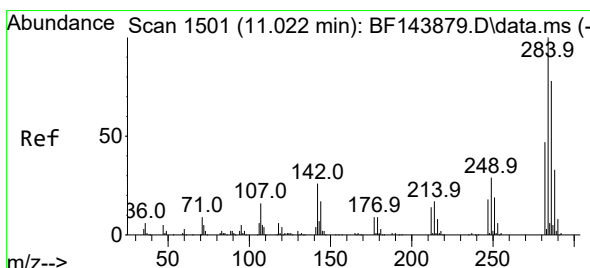
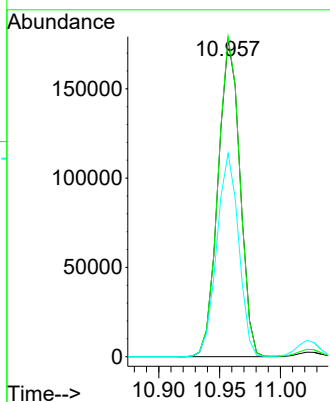
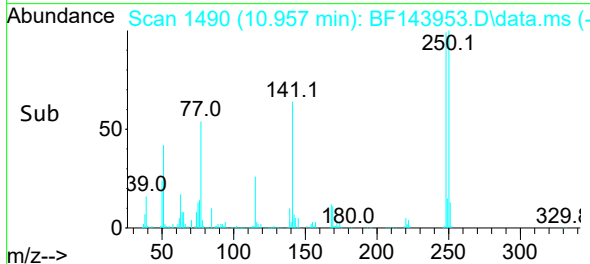
Instrument :
BNA_F
ClientSampleId :
PB170101BS



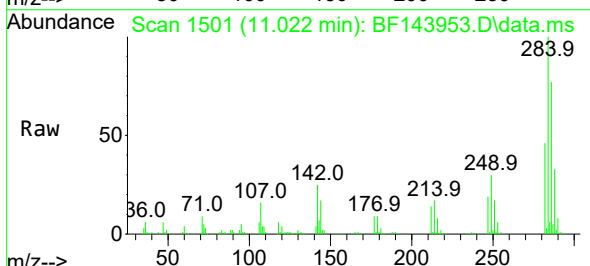
Tgt Ion:248 Resp: 222534
Ion Ratio Lower Upper
248 100
250 100.8 76.3 114.5
141 64.0 49.7 74.5

Manual Integrations
APPROVED

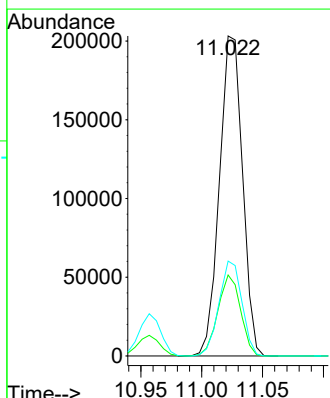
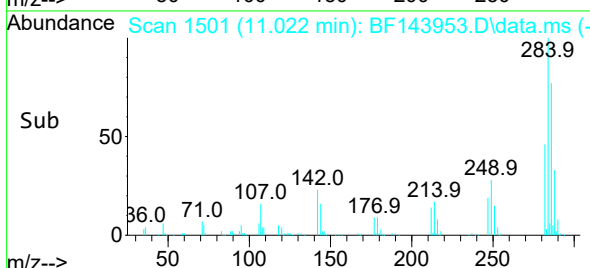
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

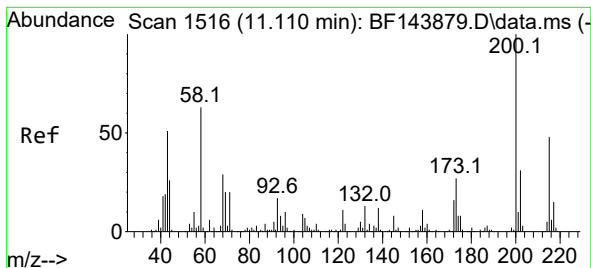


#68
Hexachlorobenzene
Concen: 46.16 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:284 Resp: 268320
Ion Ratio Lower Upper
284 100
142 25.3 20.6 30.8
249 29.6 23.2 34.8





#69

Atrazine

Concen: 48.49 ng

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143953.D

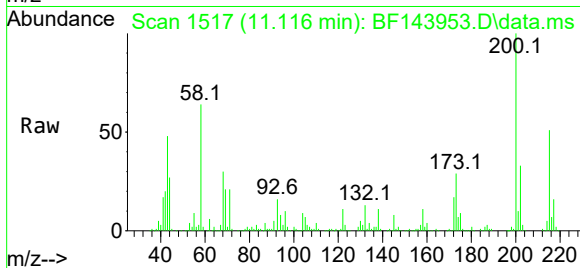
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



Tgt Ion:200 Resp: 20967

Ion Ratio Lower Upper

200 100

173 28.5 7.0 47.0

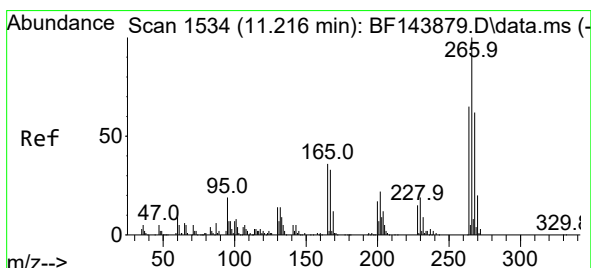
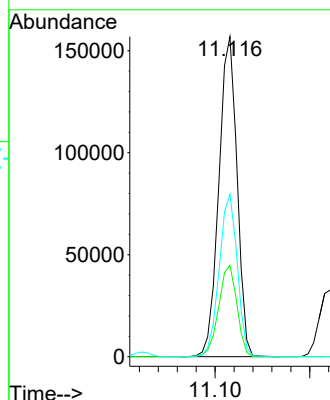
215 50.8 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/16/2025

Supervised By :Jagrut Upadhyay 10/16/2025



#70

Pentachlorophenol

Concen: 83.97 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143953.D

Acq: 15 Oct 2025 15:31

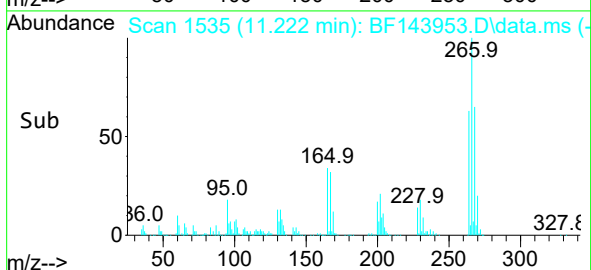
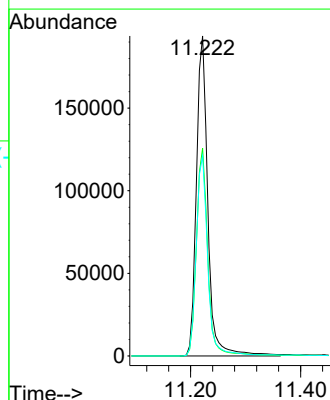
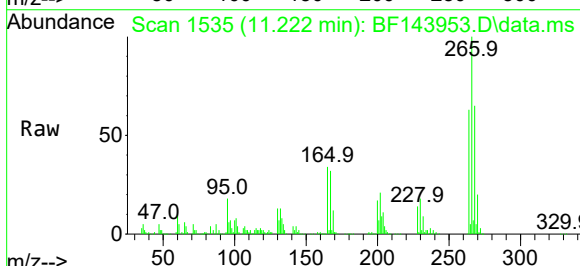
Tgt Ion:266 Resp: 280320

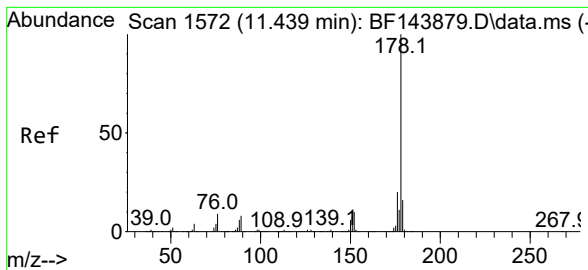
Ion Ratio Lower Upper

266 100

268 64.9 49.4 74.0

264 62.5 51.8 77.6





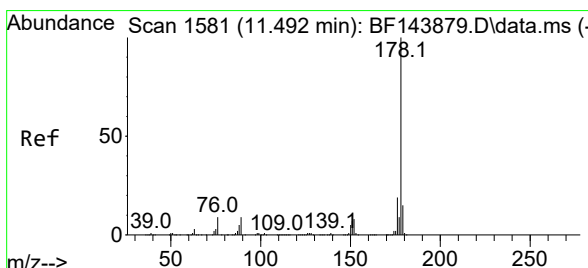
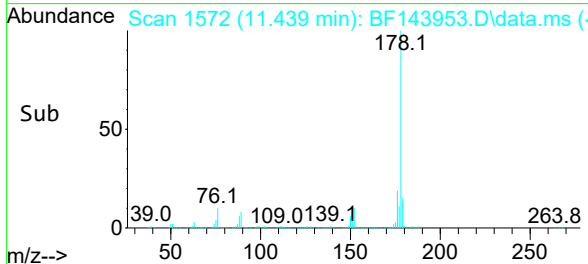
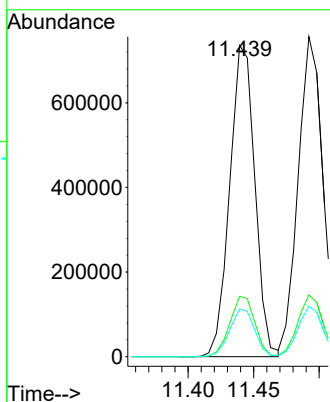
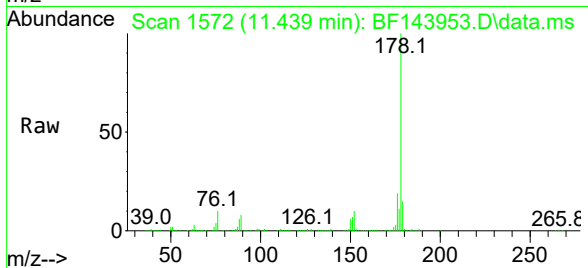
#71
Phenanthrene
Concen: 44.60 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :
BNA_F
ClientSampleId :
PB170101BS

Tgt Ion:178 Resp: 982380
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.4 12.4 18.6

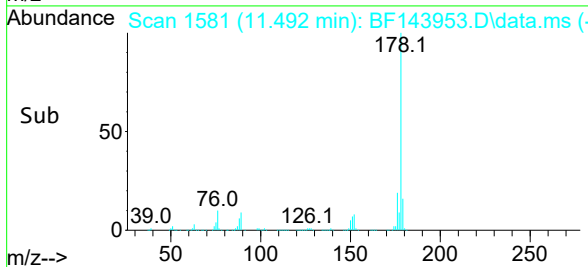
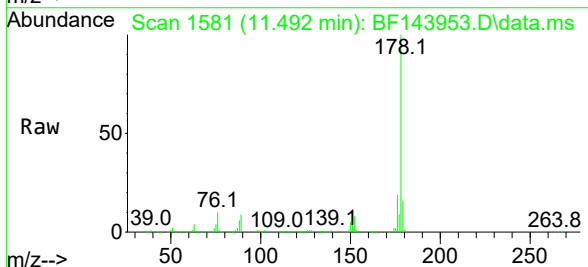
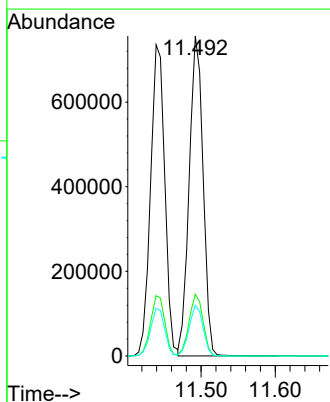
Manual Integrations
APPROVED

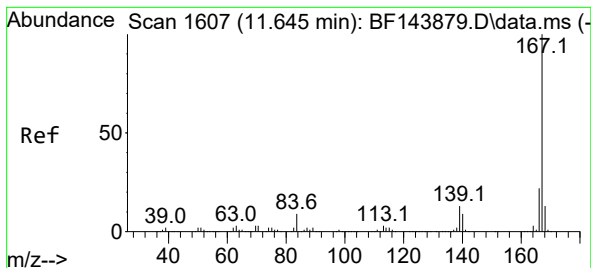
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#72
Anthracene
Concen: 44.20 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

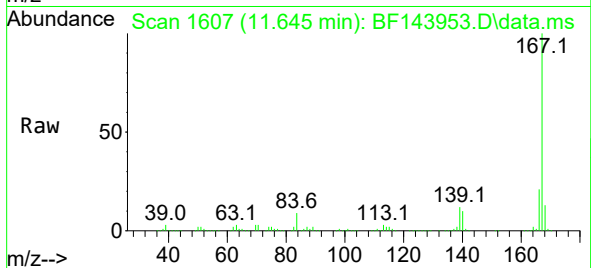
Tgt Ion:178 Resp: 983424
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 15.8 12.2 18.2





#73
 Carbazole
 Concen: 45.48 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143953.D
 Acq: 15 Oct 2025 15:31

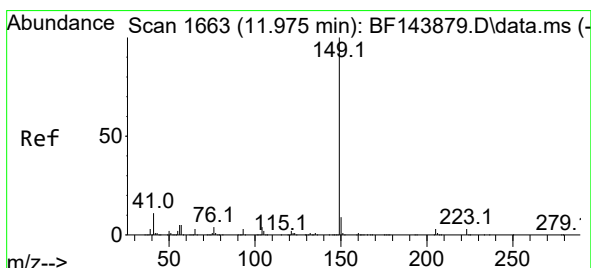
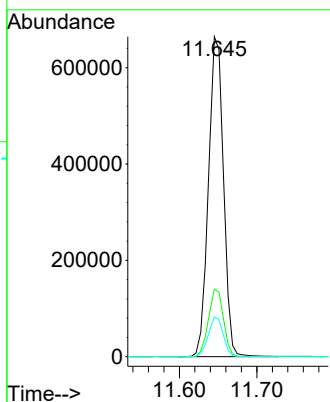
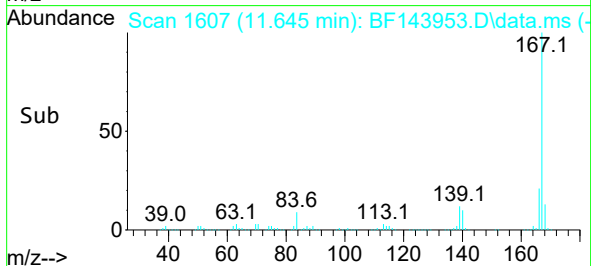
Instrument :
 BNA_F
 ClientSampleId :
 PB170101BS



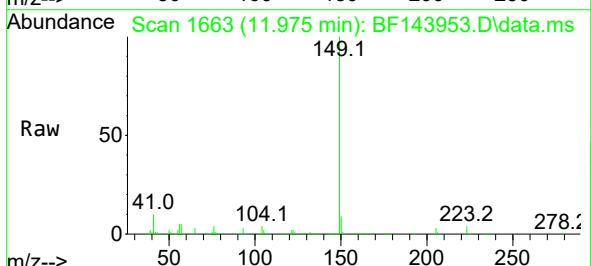
Tgt Ion:167 Resp: 89629
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.4 10.1 15.1

Manual Integrations
 APPROVED

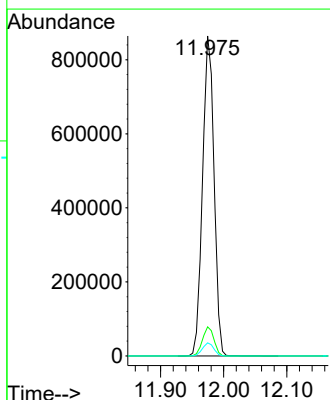
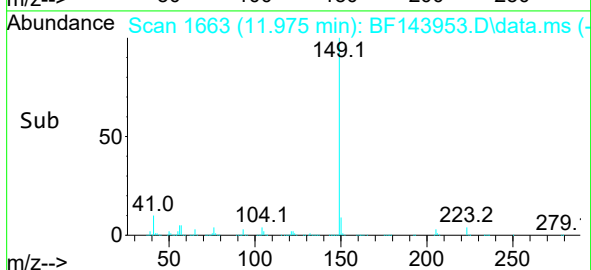
Reviewed By :Rahul Chavli 10/16/2025
 Supervised By :Jagrut Upadhyay 10/16/2025

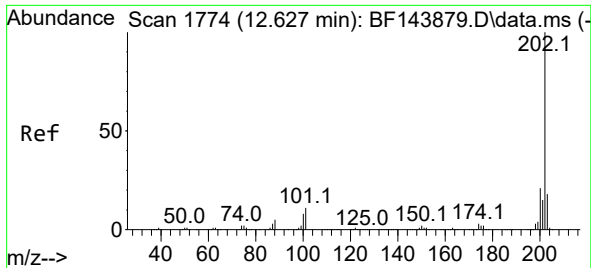


#74
 Di-n-butylphthalate
 Concen: 47.87 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143953.D
 Acq: 15 Oct 2025 15:31



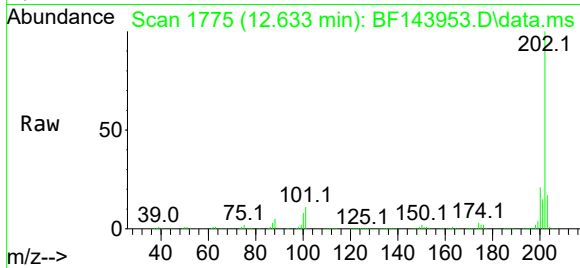
Tgt Ion:149 Resp: 1093404
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.1 3.4 5.2





#75
Fluoranthene
Concen: 45.75 ng
RT: 12.633 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

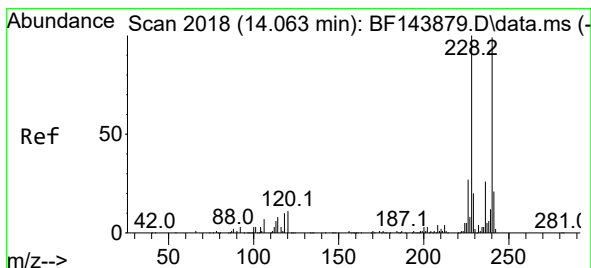
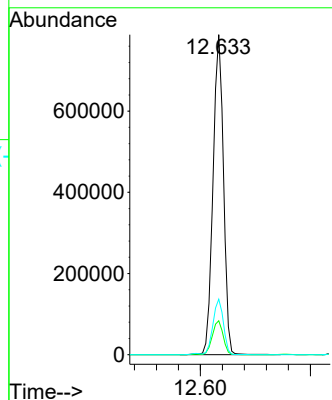
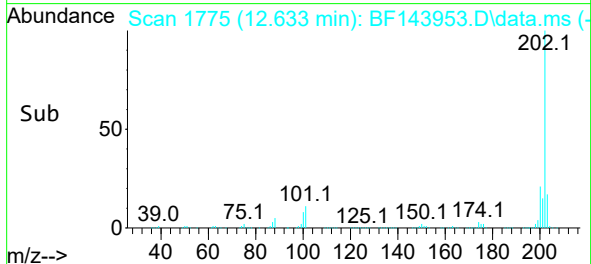
Instrument :
BNA_F
ClientSampleId :
PB170101BS



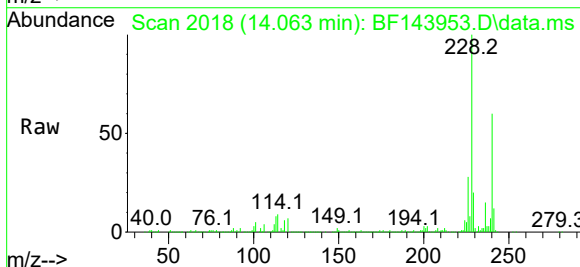
Tgt Ion:202 Resp: 104076
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 17.4 0.0 37.8

Manual Integrations
APPROVED

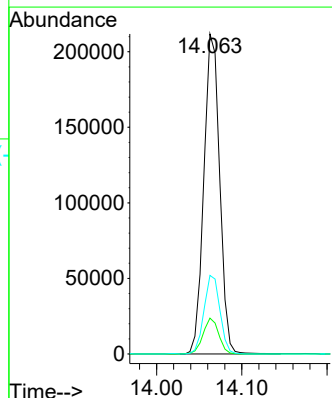
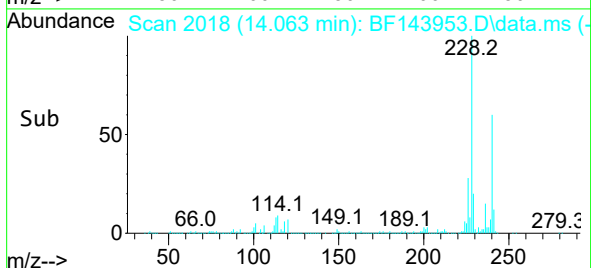
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

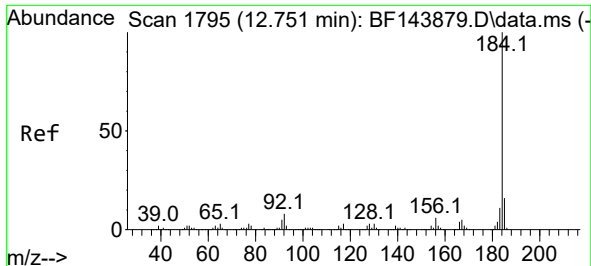


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:240 Resp: 273246
Ion Ratio Lower Upper
240 100
120 11.2 8.6 13.0
236 24.5 21.1 31.7





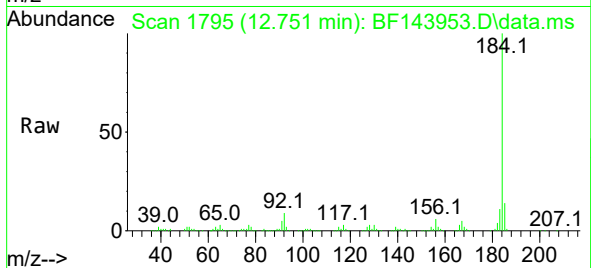
#77
Benzidine
Concen: 32.45 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



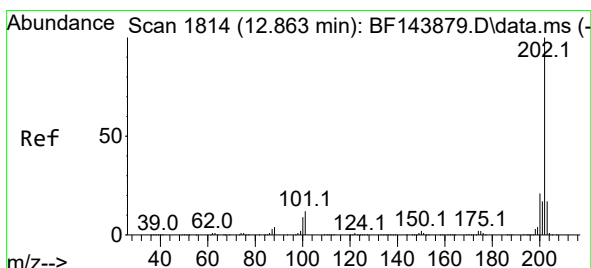
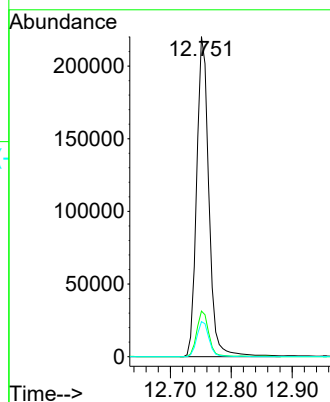
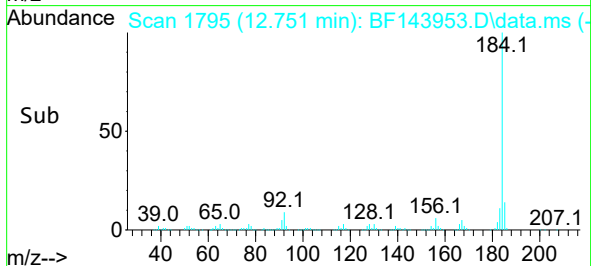
Tgt Ion:184 Resp: 307852
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 10.9 8.8 13.2

Manual Integrations

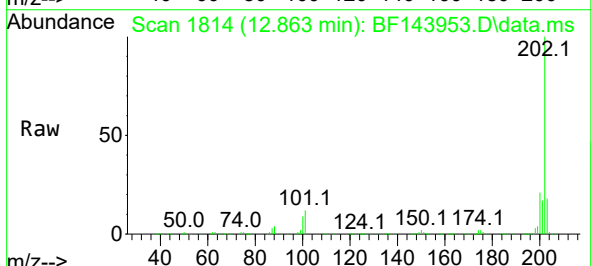
APPROVED

Reviewed By :Rahul Chavli 10/16/2025

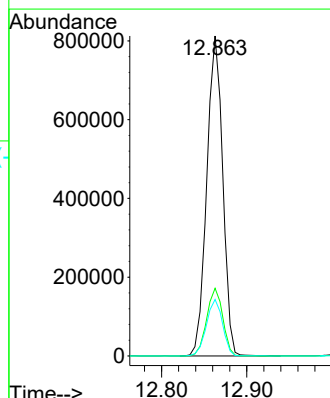
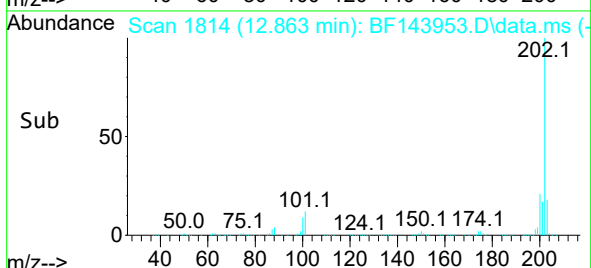
Supervised By :Jagrut Upadhyay 10/16/2025

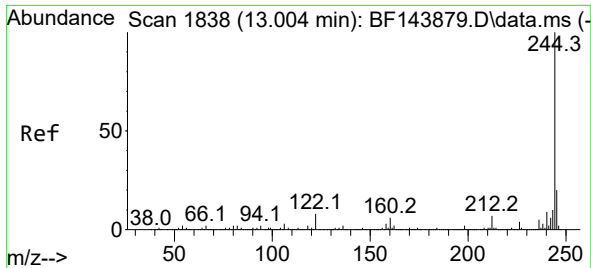


#78
Pyrene
Concen: 46.37 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:202 Resp: 1056299
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.6 13.8 20.6





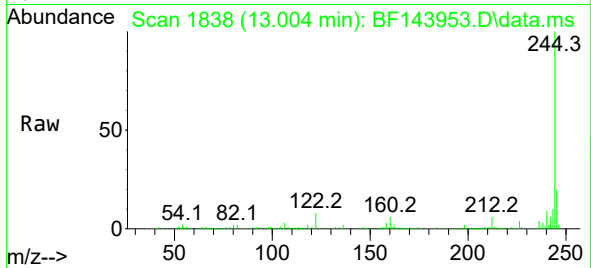
#79
 Terphenyl-d14
 Concen: 91.30 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143953.D
 Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



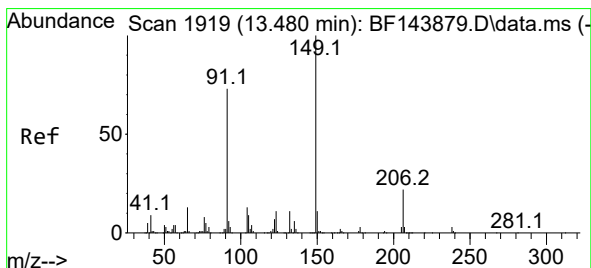
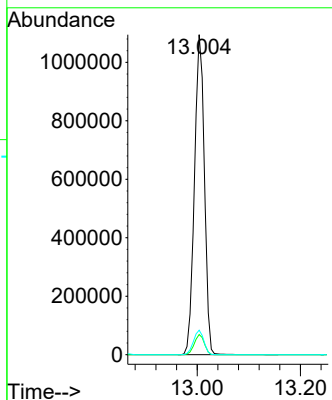
Tgt Ion:244 Resp: 1459694
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.6 6.4 9.6

Manual Integrations

APPROVED

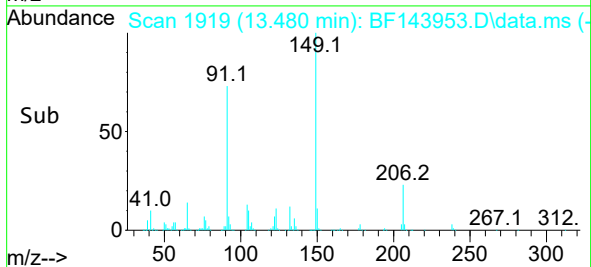
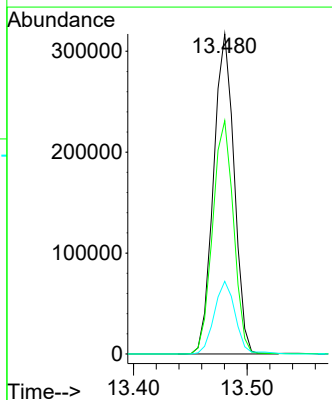
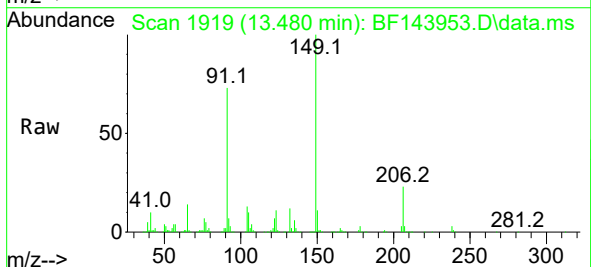
Reviewed By :Rahul Chavli 10/16/2025

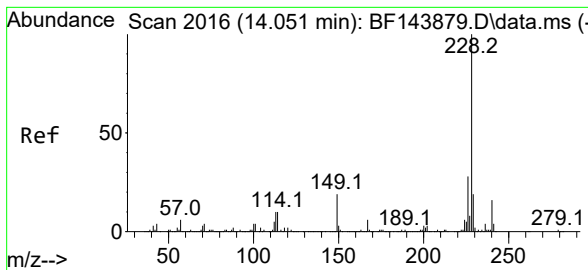
Supervised By :Jagrut Upadhyay 10/16/2025



#80
 Butylbenzylphthalate
 Concen: 54.21 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143953.D
 Acq: 15 Oct 2025 15:31

Tgt Ion:149 Resp: 401079
 Ion Ratio Lower Upper
 149 100
 91 72.9 58.2 87.2
 206 22.7 17.9 26.9





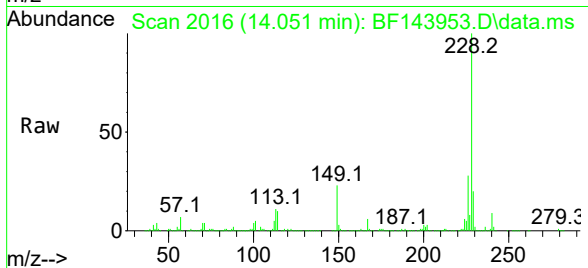
#81
Benzo(a)anthracene
Concen: 47.39 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS



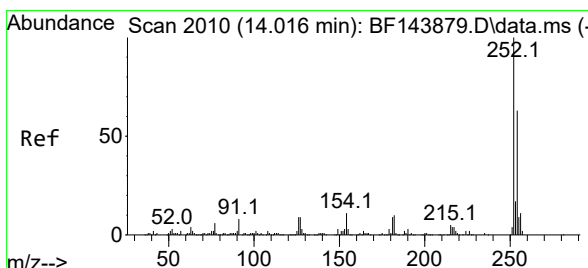
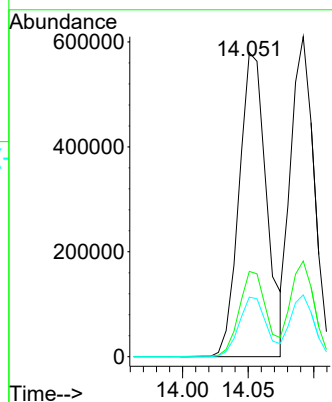
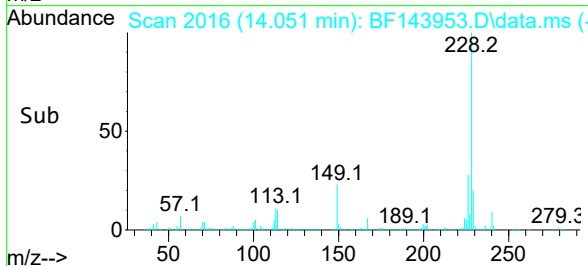
Tgt Ion:228 Resp: 84735
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.2
229 19.6 15.6 23.4

Manual Integrations

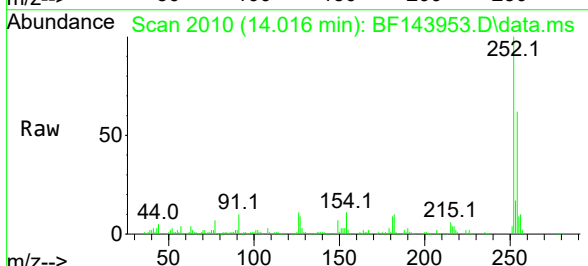
APPROVED

Reviewed By :Rahul Chavli 10/16/2025

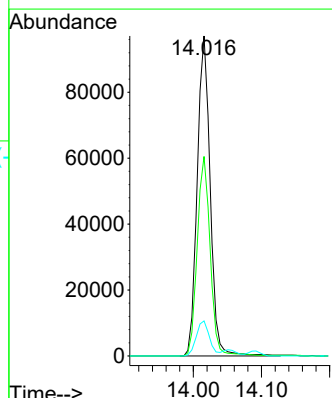
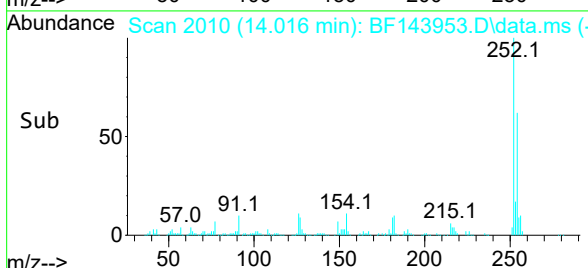
Supervised By :Jagrut Upadhyay 10/16/2025

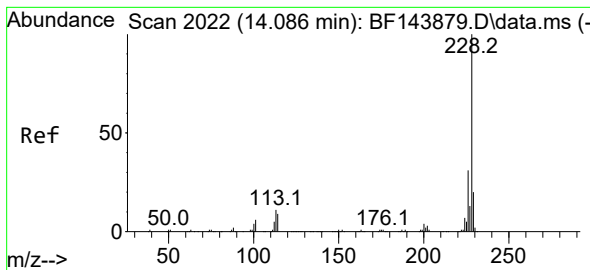


#82
3,3'-Dichlorobenzidine
Concen: 23.50 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:252 Resp: 128037
Ion Ratio Lower Upper
252 100
254 62.3 50.6 76.0
126 11.0 7.0 10.6





#83

Chrysene

Concen: 45.48 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143953.D

Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS

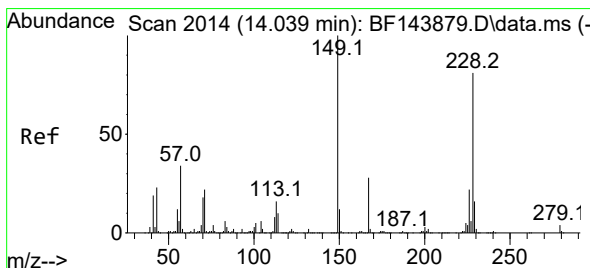
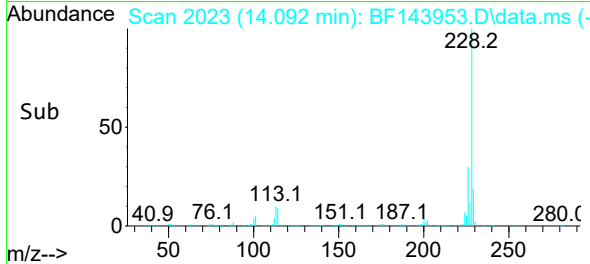
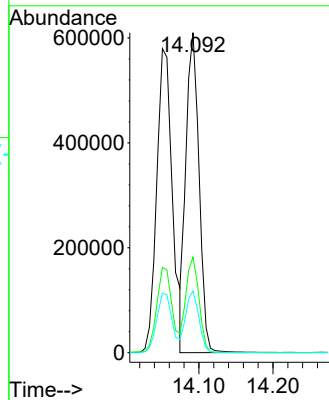
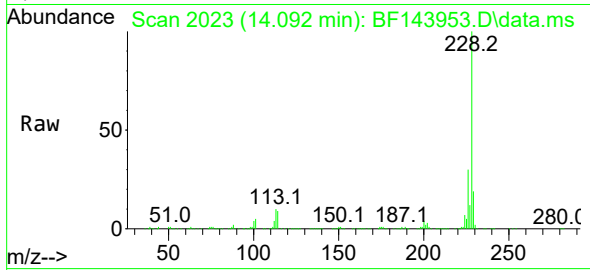
Tgt Ion:228 Resp: 752745
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.4 36.6
 229 19.3 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/16/2025

Supervised By :Jagrut Upadhyay 10/16/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.63 ng

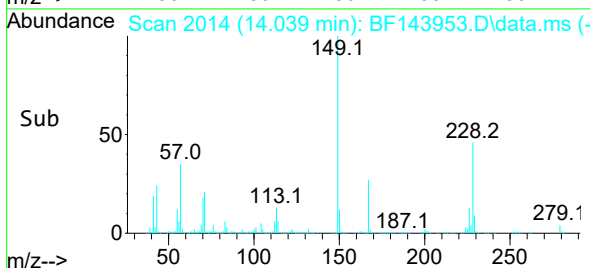
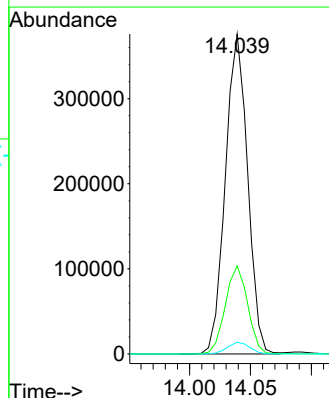
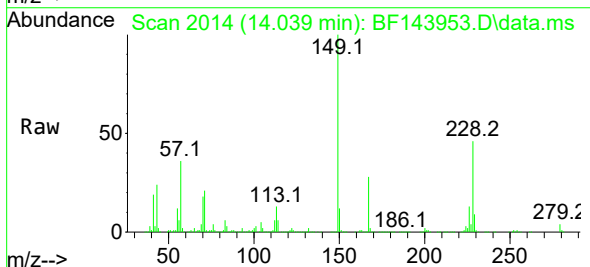
RT: 14.039 min Scan# 2014

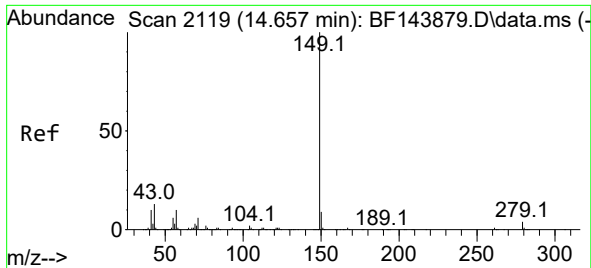
Delta R.T. 0.000 min

Lab File: BF143953.D

Acq: 15 Oct 2025 15:31

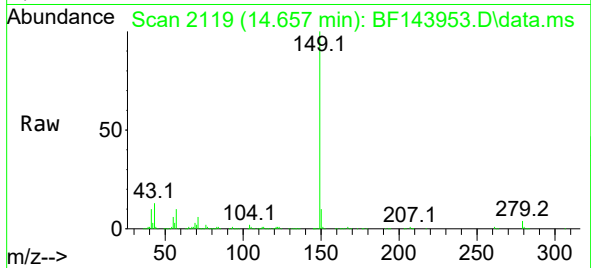
Tgt Ion:149 Resp: 478242
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.2 33.4
 279 3.7 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 49.29 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

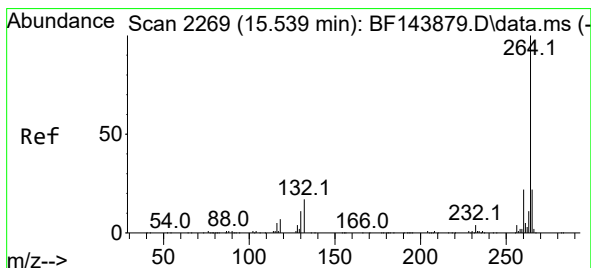
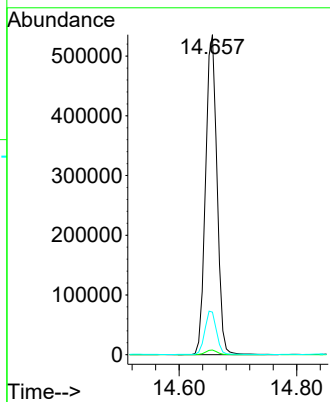
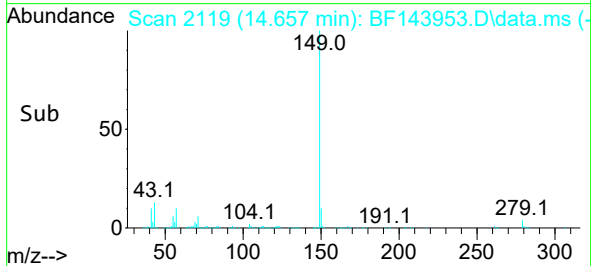
Instrument :
BNA_F
ClientSampleId :
PB170101BS



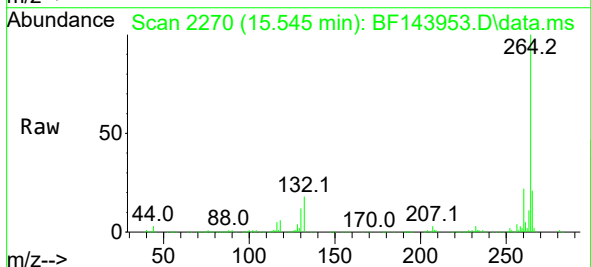
Tgt Ion:149 Resp: 721968
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.8 11.0 16.4

Manual Integrations
APPROVED

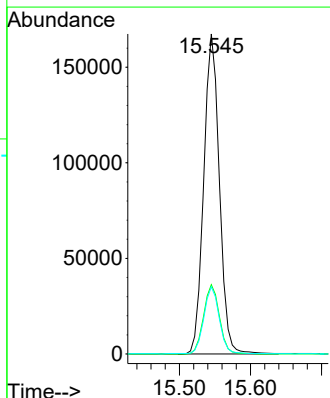
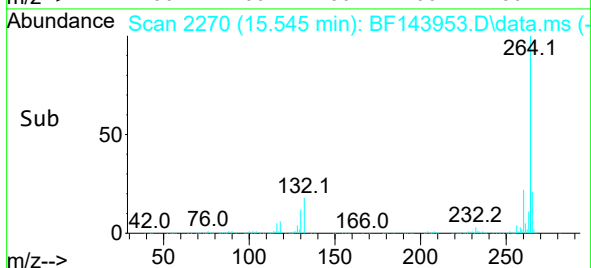
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

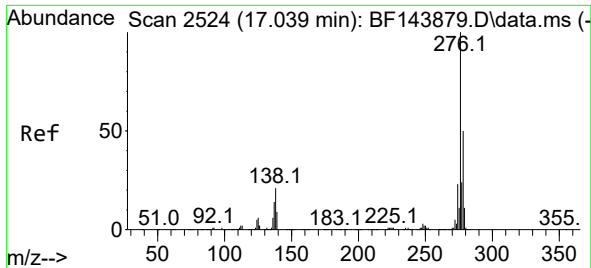


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31



Tgt Ion:264 Resp: 256781
Ion Ratio Lower Upper
264 100
260 21.7 17.8 26.8
265 21.0 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.94 ng
RT: 17.051 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

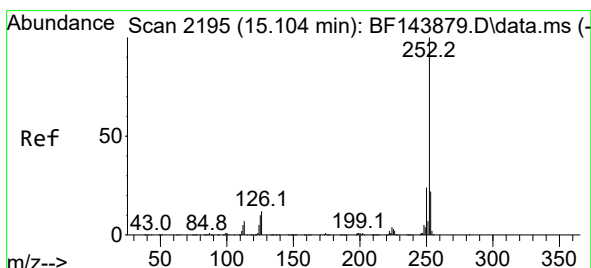
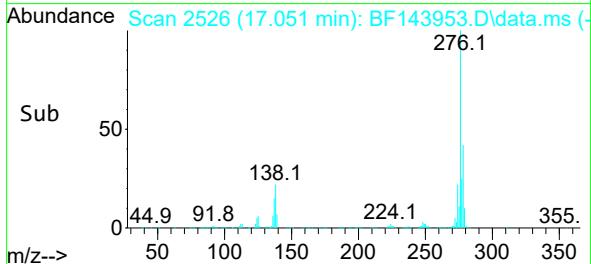
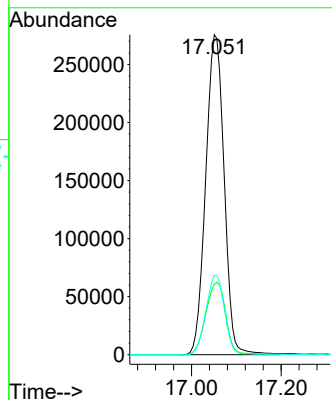
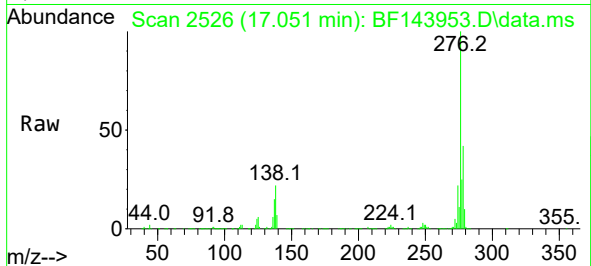
PB170101BS

Tgt Ion:276 Resp: 78580
Ion Ratio Lower Upper
276 100
138 24.5 18.2 27.2
277 25.1 19.8 29.6

Manual Integrations

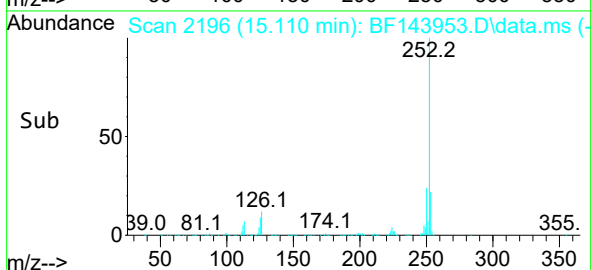
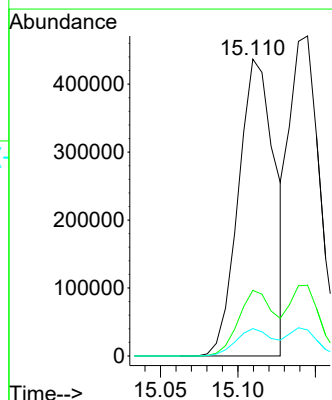
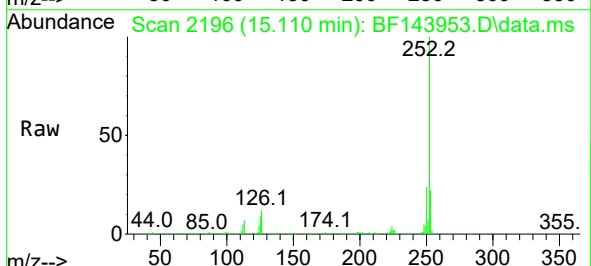
APPROVED

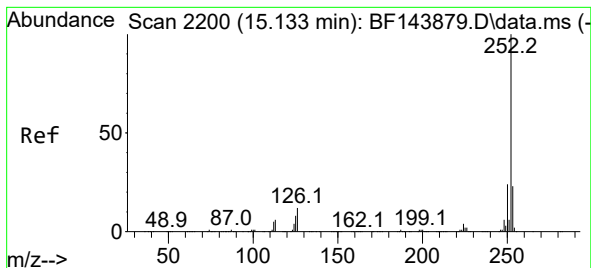
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#88
Benzo(b)fluoranthene
Concen: 48.33 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143953.D
Acq: 15 Oct 2025 15:31

Tgt Ion:252 Resp: 712934
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.2 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 46.88 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143953.D

Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS

Tgt Ion:252 Resp: 63991

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

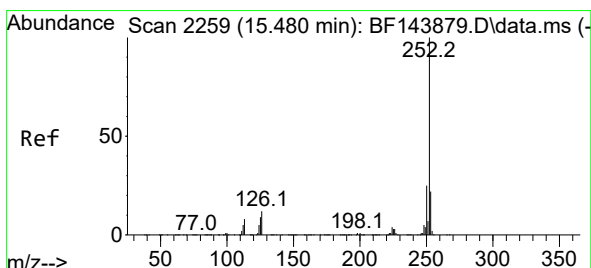
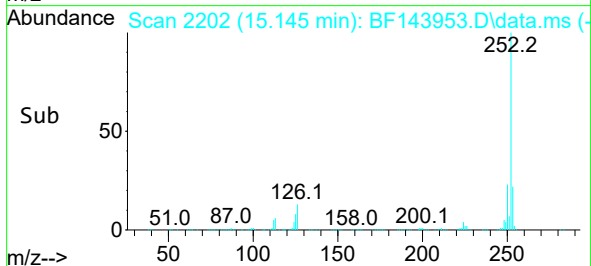
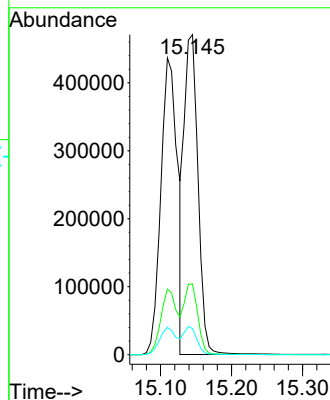
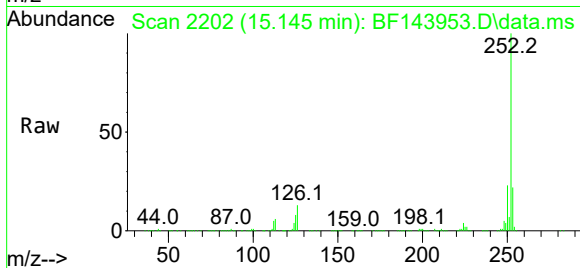
125 8.1 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/16/2025

Supervised By :Jagrut Upadhyay 10/16/2025



#90

Benzo(a)pyrene

Concen: 50.12 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143953.D

Acq: 15 Oct 2025 15:31

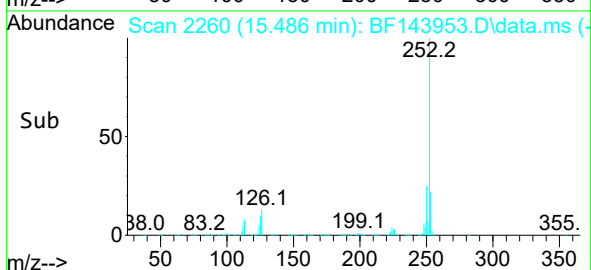
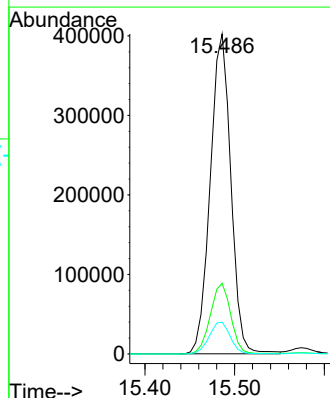
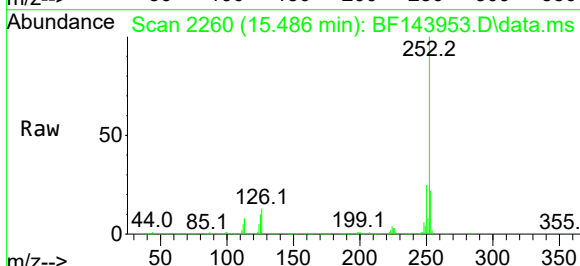
Tgt Ion:252 Resp: 641052

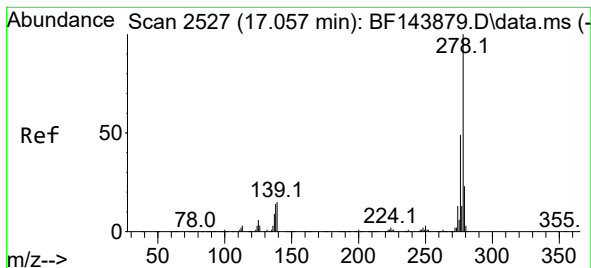
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.0 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 50.47 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143953.D

Acq: 15 Oct 2025 15:31

Instrument :

BNA_F

ClientSampleId :

PB170101BS

Tgt Ion:278 Resp: 63864

Ion Ratio Lower Upper

278 100

139 15.1 11.7 17.5

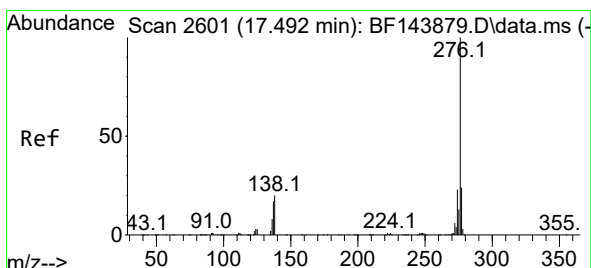
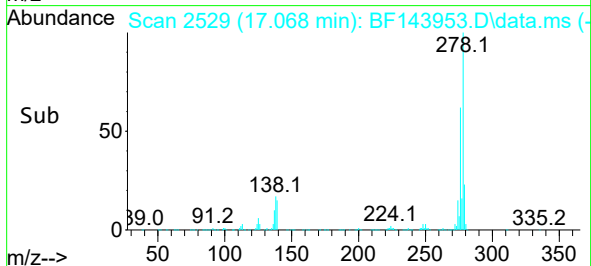
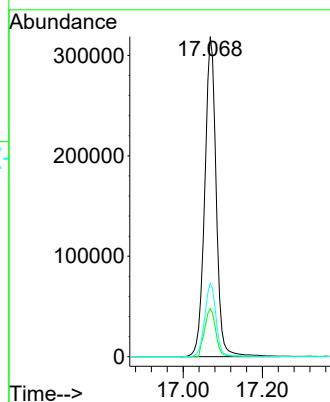
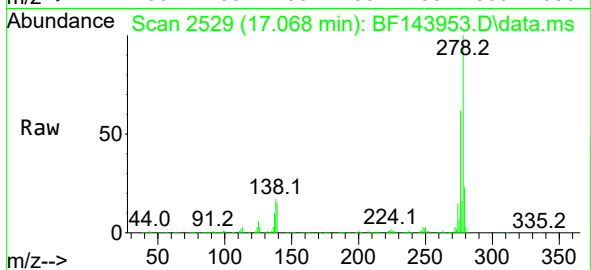
279 23.0 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/16/2025

Supervised By :Jagrut Upadhyay 10/16/2025



#92

Benzo(g,h,i)perylene

Concen: 51.11 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.006 min

Lab File: BF143953.D

Acq: 15 Oct 2025 15:31

Tgt Ion:276 Resp: 646781

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.6

138 20.9 16.1 24.1

