

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143579.D
 Acq On : 22 Aug 2025 18:22
 Operator : RC/JU
 Sample : Q2915-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-WESTMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/25/2025
 Supervised By :Jagrut Upadhyay 08/25/2025

Quant Time: Aug 25 02:38:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	98365	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	400039	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	229784	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	366253	20.000	ng	0.00
76) Chrysene-d12	14.098	240	208460	20.000	ng	0.00
86) Perylene-d12	15.592	264	198742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	552391	98.060	ng	0.00
7) Phenol-d6	6.563	99	713268	102.571	ng	-0.01
23) Nitrobenzene-d5	7.487	82	498361	72.697	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	220708	103.185	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	942698	67.802	ng	0.00
79) Terphenyl-d14	13.033	244	831102	69.572	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	94344	36.153	ng	94
3) Pyridine	3.575	79	257473	37.044	ng	92
4) n-Nitrosodimethylamine	3.528	42	164620	52.686	ng	84
6) Aniline	6.587	93	311602	33.524	ng	# 52
8) 2-Chlorophenol	6.716	128	286644	46.070	ng	97
9) Benzaldehyde	6.475	77	154118	27.374	ng	94
10) Phenol	6.581	94	363466	45.371	ng	92
11) bis(2-Chloroethyl)ether	6.657	93	268338	44.824	ng	99
12) 1,3-Dichlorobenzene	6.869	146	314126	44.934	ng	98
13) 1,4-Dichlorobenzene	6.945	146	319850	45.610	ng	99
14) 1,2-Dichlorobenzene	7.098	146	307187	46.267	ng	99
15) Benzyl Alcohol	7.069	79	281646	54.097	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.198	45	449047	46.886	ng	95
17) 2-Methylphenol	7.187	107	239304	47.921	ng	95
18) Hexachloroethane	7.440	117	110997	46.554	ng	97
19) n-Nitroso-di-n-propyla...	7.340	70	220206	51.809	ng	97
20) 3+4-Methylphenols	7.334	107	298864	50.134	ng	94
22) Acetophenone	7.334	105	406341	47.016	ng	96
24) Nitrobenzene	7.504	77	333630	47.286	ng	96
25) Isophorone	7.745	82	612646	48.753	ng	99
26) 2-Nitrophenol	7.822	139	163042	47.174	ng	90
27) 2,4-Dimethylphenol	7.863	122	261019	48.448	ng	94
28) bis(2-Chloroethoxy)met...	7.951	93	351389	45.500	ng	99
29) 2,4-Dichlorophenol	8.069	162	261918	45.519	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	273417	46.217	ng	98
31) Naphthalene	8.228	128	841304	43.804	ng	100
32) Benzoic acid	7.998	122	136363	44.966	ng	95
33) 4-Chloroaniline	8.275	127	108742	15.952	ng	97
34) Hexachlorobutadiene	8.345	225	177538	45.998	ng	99
35) Caprolactam	8.657	113	81396m	58.951	ng	
36) 4-Chloro-3-methylphenol	8.769	107	293228	50.851	ng	95
37) 2-Methylnaphthalene	8.922	142	530661	41.370	ng	100
38) 1-Methylnaphthalene	9.022	142	548941	44.739	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	280020	42.604	ng	98
41) Hexachlorocyclopentadiene	9.081	237	246914	95.340	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	188421	46.589	ng	99

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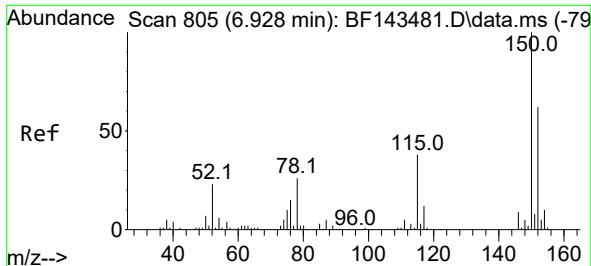
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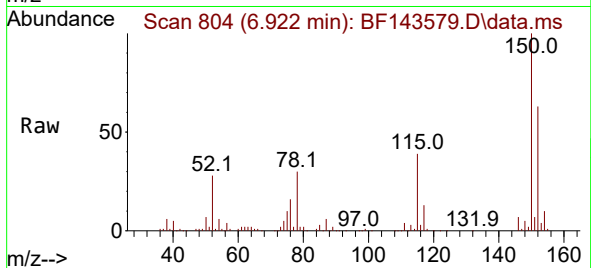
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	193636	43.831	ng	96
46) 1,1'-Biphenyl	9.387	154	729342	44.719	ng	98
47) 2-Chloronaphthalene	9.410	162	557060	43.531	ng	97
48) 2-Nitroaniline	9.504	65	192465	51.390	ng	93
49) Acenaphthylene	9.828	152	926701	50.575	ng	100
50) Dimethylphthalate	9.686	163	714787	51.649	ng	100
51) 2,6-Dinitrotoluene	9.745	165	150227	52.376	ng	88
52) Acenaphthene	9.998	154	603241	48.489	ng	98
53) 3-Nitroaniline	9.916	138	90182	29.097	ng	93
54) 2,4-Dinitrophenol	10.028	184	122086	79.619	ng	# 87
55) Dibenzofuran	10.175	168	804977	45.384	ng	96
56) 4-Nitrophenol	10.092	139	177782	96.405	ng	84
57) 2,4-Dinitrotoluene	10.157	165	202940	52.989	ng	# 89
58) Fluorene	10.516	166	643251	47.120	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	172675	52.611	ng	96
60) Diethylphthalate	10.386	149	699900	56.408	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	316688	46.386	ng	96
62) 4-Nitroaniline	10.539	138	145334	51.052	ng	90
63) Azobenzene	10.663	77	716785	55.714	ng	97
65) 4,6-Dinitro-2-methylph...	10.569	198	98247	47.575	ng	95
66) n-Nitrosodiphenylamine	10.622	169	553044	46.921	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	198085	45.329	ng	# 92
68) Hexachlorobenzene	11.069	284	211737	44.950	ng	97
69) Atrazine	11.151	200	177824	58.445	ng	97
70) Pentachlorophenol	11.263	266	196906	91.273	ng	99
71) Phenanthrene	11.480	178	879241	44.829	ng	100
72) Anthracene	11.533	178	901658	45.379	ng	100
73) Carbazole	11.686	167	726553	44.627	ng	99
74) Di-n-butylphthalate	12.010	149	984344	64.810	ng	99
75) Fluoranthene	12.669	202	784080	44.552	ng	98
77) Benzidine	12.786	184	263354	51.864	ng	99
78) Pyrene	12.898	202	762473	44.466	ng	99
80) Butylbenzylphthalate	13.504	149	319109	68.122	ng	95
81) Benzo(a)anthracene	14.086	228	621166	46.284	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	116559	30.327	ng	99
83) Chrysene	14.121	228	571525	47.387	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	442139	61.971	ng	98
85) Di-n-octyl phthalate	14.680	149	665557	50.356	ng	99
87) Indeno(1,2,3-cd)pyrene	17.127	276	525418	36.790	ng	99
88) Benzo(b)fluoranthene	15.157	252	573567	51.919	ng	99
89) Benzo(k)fluoranthene	15.186	252	517420	48.918	ng	99
90) Benzo(a)pyrene	15.533	252	520783	50.787	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	428430	37.457	ng	99
92) Benzo(g,h,i)perylene	17.586	276	395515	34.776	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

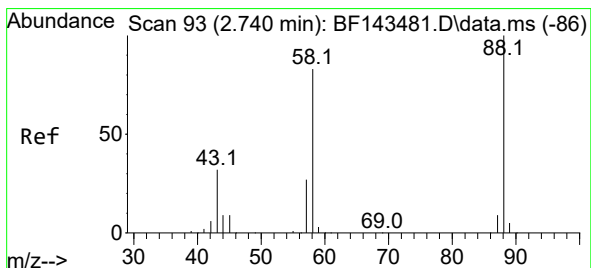
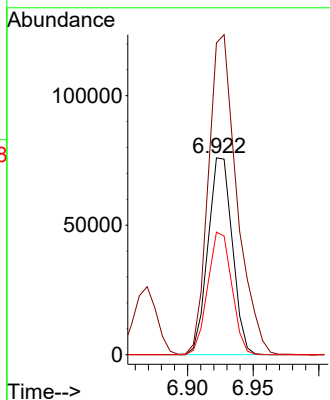
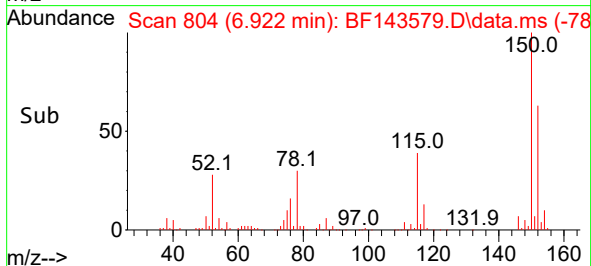
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 152 Resp: 9836
Ion Ratio Lower Upper
152 100
150 158.4 128.9 193.3
115 62.2 49.2 73.8

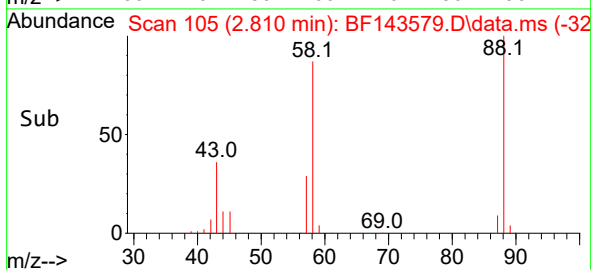
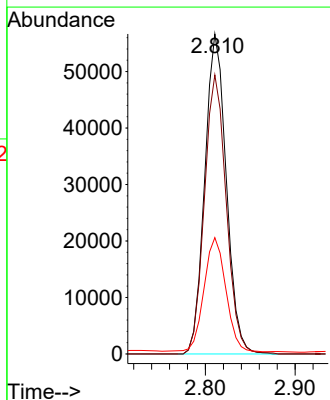
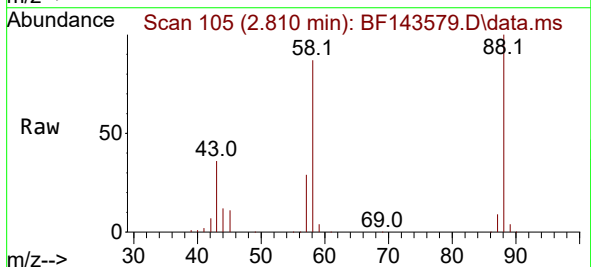
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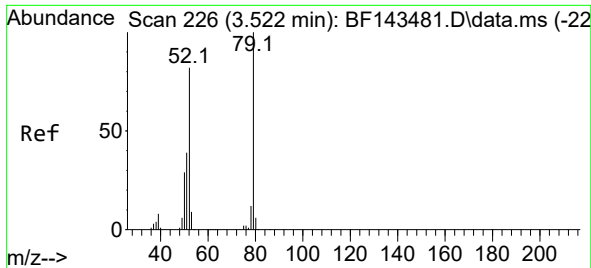
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#2
1,4-Dioxane
Concen: 36.153 ng
RT: 2.810 min Scan# 105
Delta R.T. 0.077 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

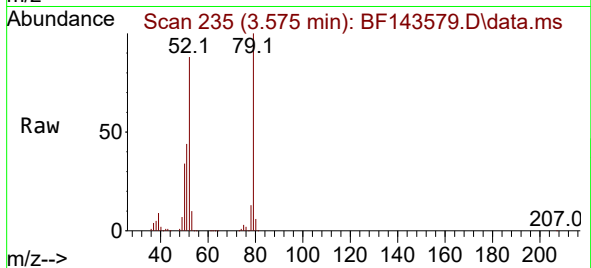
Tgt Ion: 88 Resp: 94344
Ion Ratio Lower Upper
88 100
58 88.6 66.7 100.1
43 36.2 25.8 38.8





#3
Pyridine
Concen: 37.044 ng
RT: 3.575 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

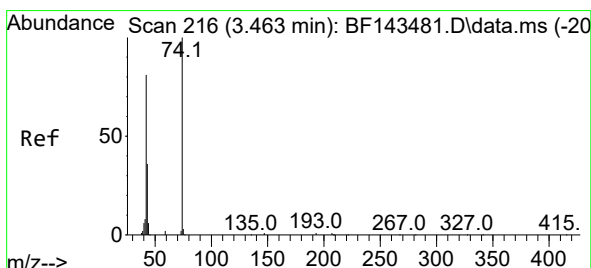
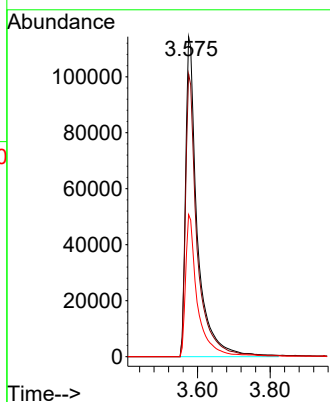
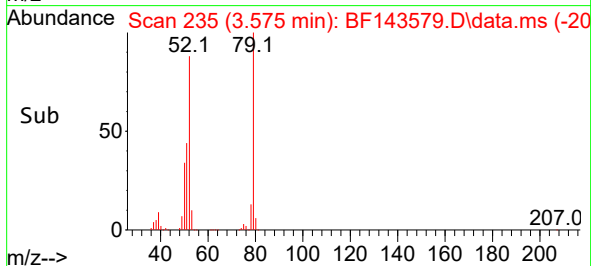
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



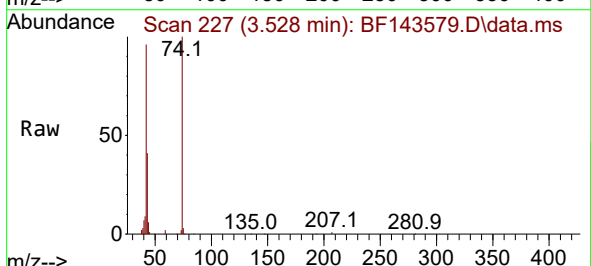
Tgt Ion: 79 Resp: 25747
Ion Ratio Lower Upper
79 100
52 88.4 65.6 98.4
51 44.4 31.2 46.8

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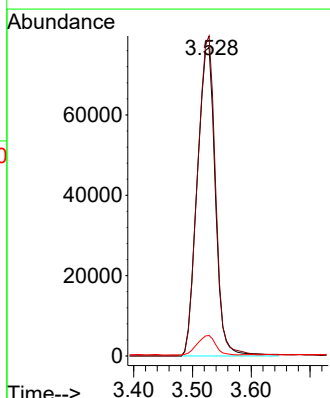
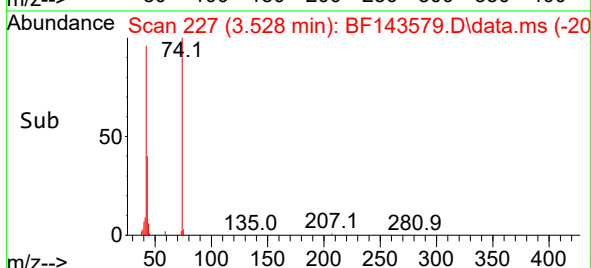
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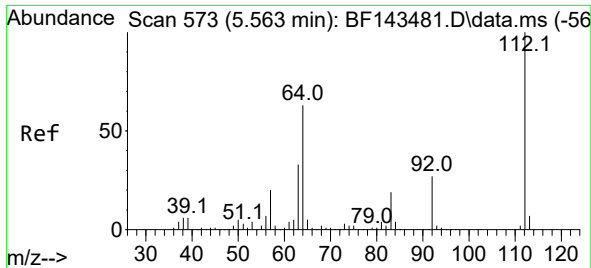


#4
n-Nitrosodimethylamine
Concen: 52.686 ng
RT: 3.528 min Scan# 227
Delta R.T. 0.053 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



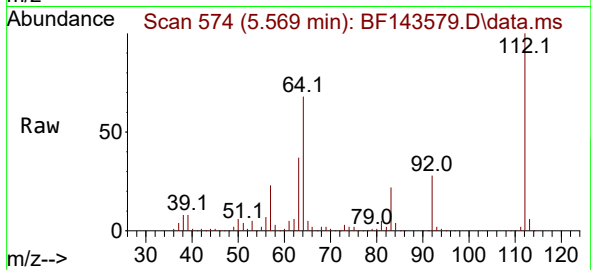
Tgt Ion: 42 Resp: 164620
Ion Ratio Lower Upper
42 100
74 103.7 98.6 148.0
44 6.6 5.8 8.8





#5
2-Fluorophenol
Concen: 98.060 ng
RT: 5.569 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

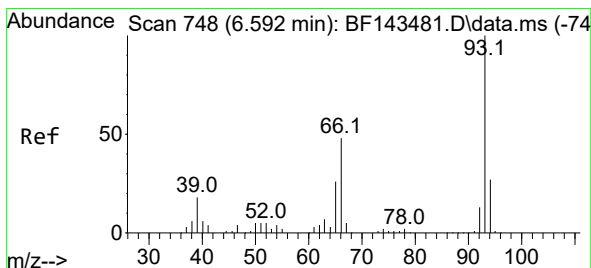
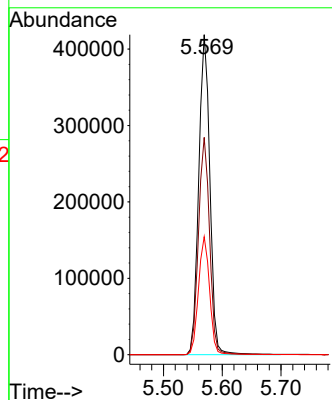
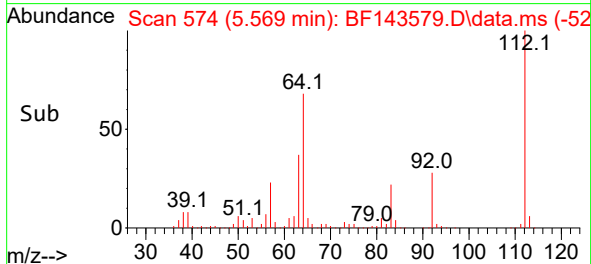
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Tgt Ion:112 Resp: 55239
Ion Ratio Lower Upper
112 100
64 67.9 50.4 75.6
63 36.9 26.4 39.6

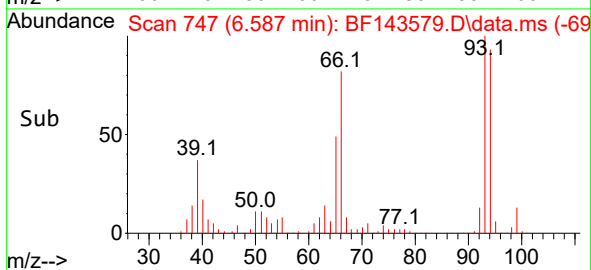
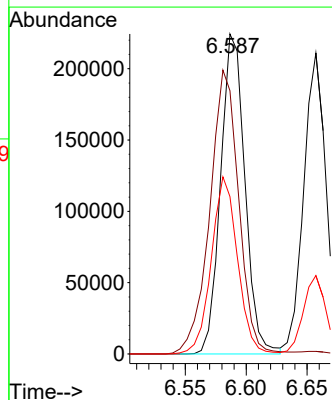
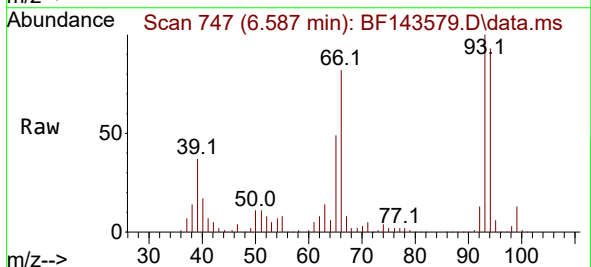
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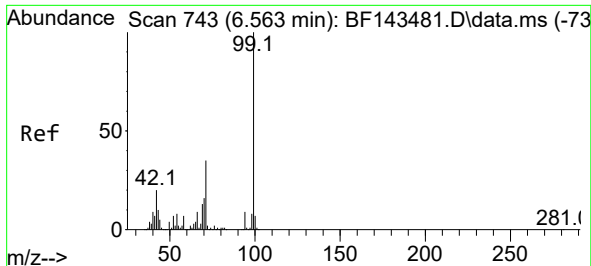
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#6
Aniline
Concen: 33.524 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

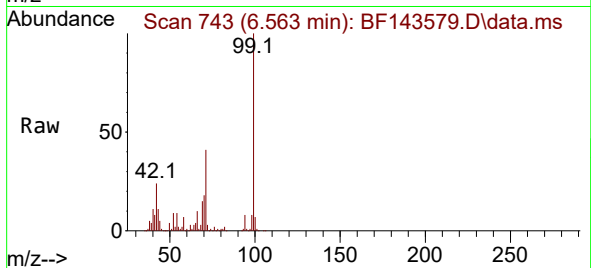
Tgt Ion: 93 Resp: 311602
Ion Ratio Lower Upper
93 100
66 82.3 38.9 58.3#
65 49.2 20.6 30.8#





#7
Phenol-d6
Concen: 102.571 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

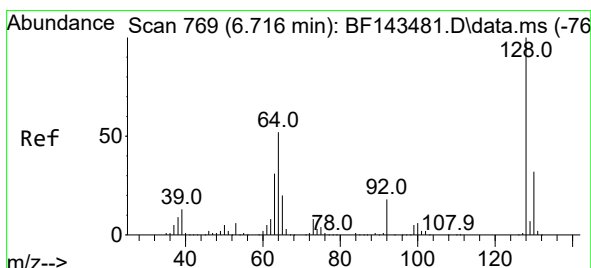
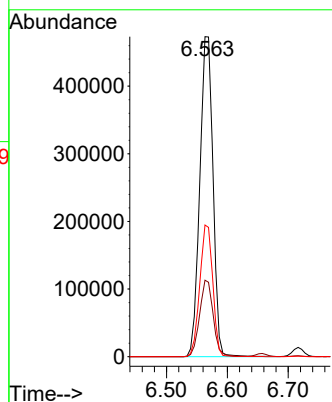
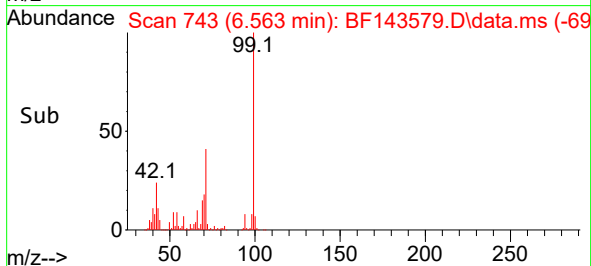
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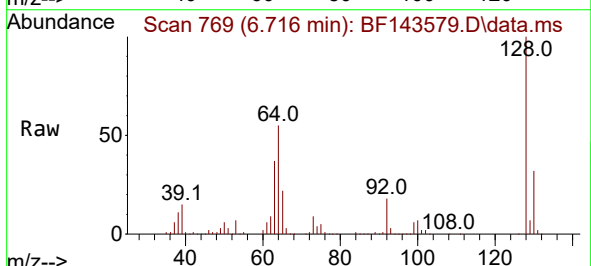
Tgt Ion: 99 Resp: 713268
Ion Ratio Lower Upper
99 100
42 23.9 16.3 24.5
71 41.2 28.2 42.2

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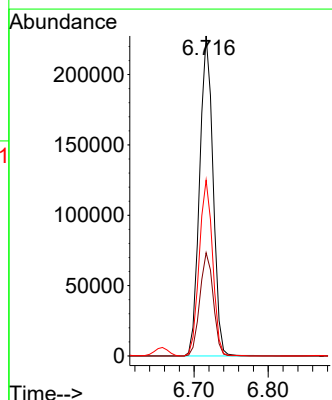
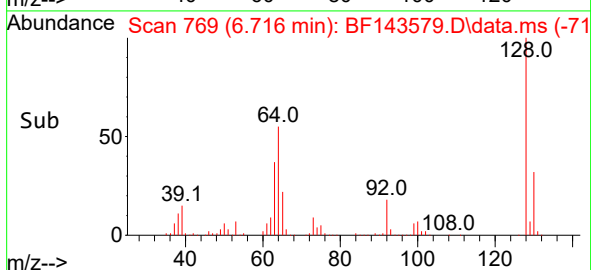
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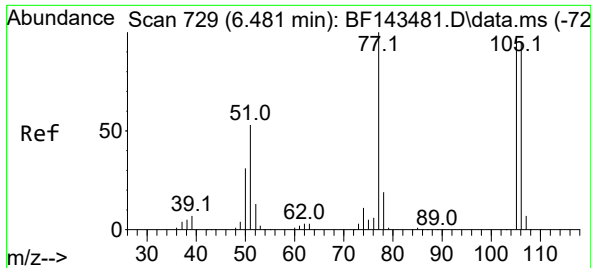


#8
2-Chlorophenol
Concen: 46.070 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



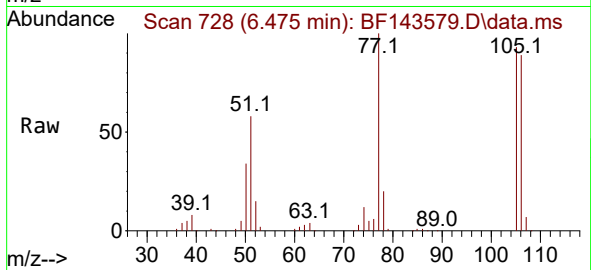
Tgt Ion:128 Resp: 286644
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 55.0 31.6 71.6





#9
Benzaldehyde
Concen: 27.374 ng
RT: 6.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

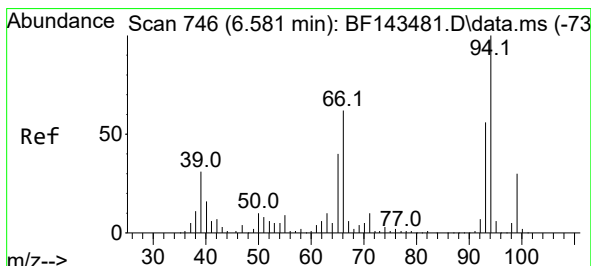
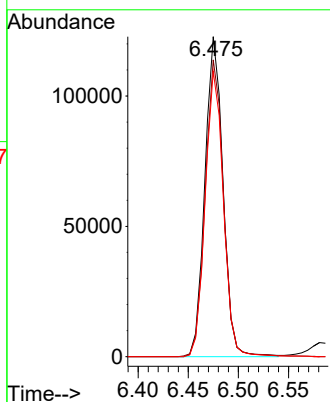
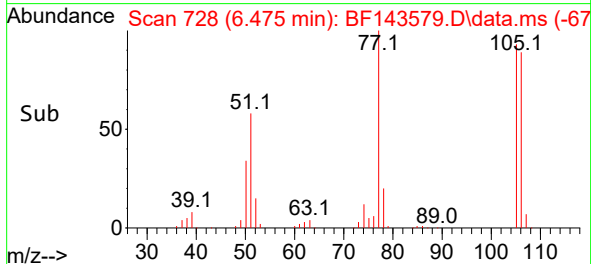
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion: 77 Resp: 154118
Ion Ratio Lower Upper
77 100
105 92.7 78.1 118.1
106 89.2 74.9 114.9

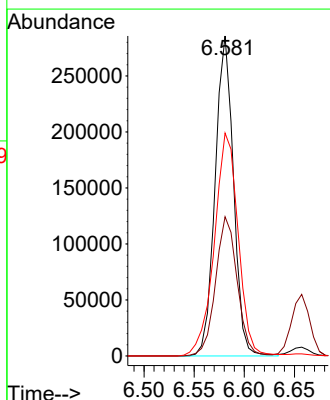
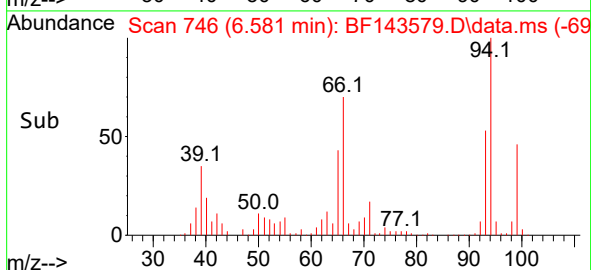
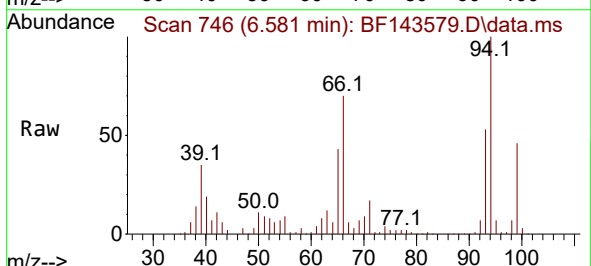
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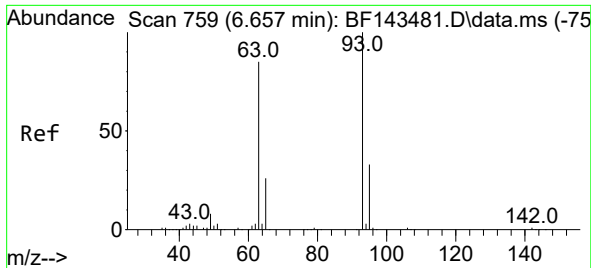
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#10
Phenol
Concen: 45.371 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

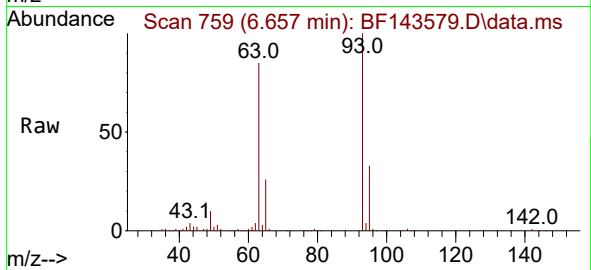
Tgt Ion: 94 Resp: 363466
Ion Ratio Lower Upper
94 100
65 43.5 19.5 59.5
66 69.7 42.5 82.5





#11
bis(2-Chloroethyl)ether
Concen: 44.824 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

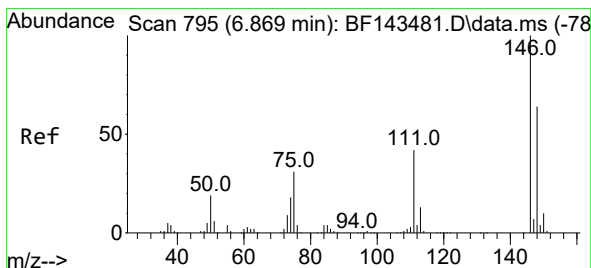
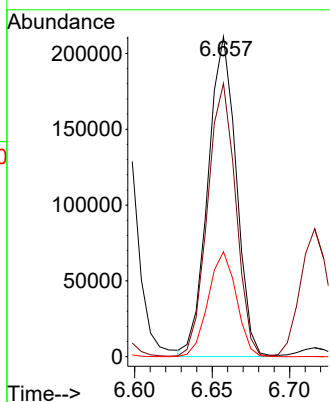
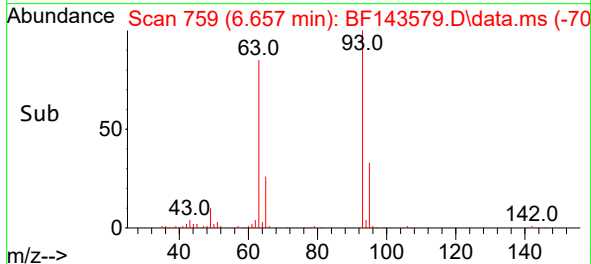
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



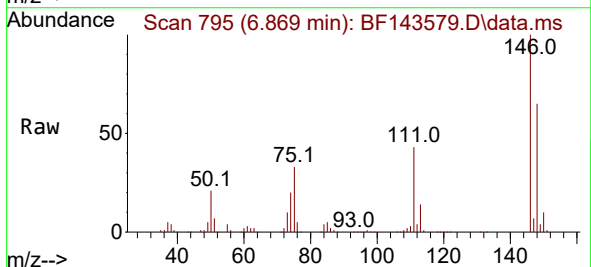
Tgt Ion: 93 Resp: 268338
Ion Ratio Lower Upper
93 100
63 85.4 63.6 103.6
95 32.8 12.8 52.8

Manual Integrations
APPROVED

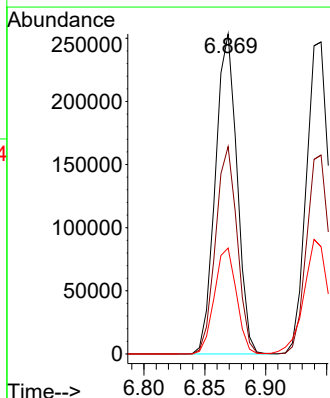
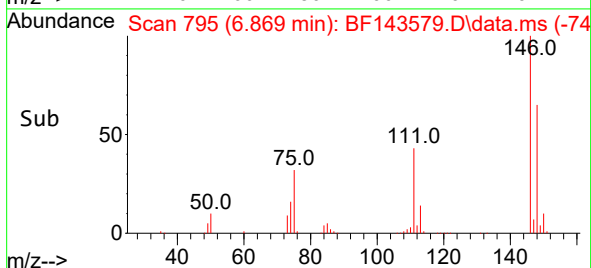
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

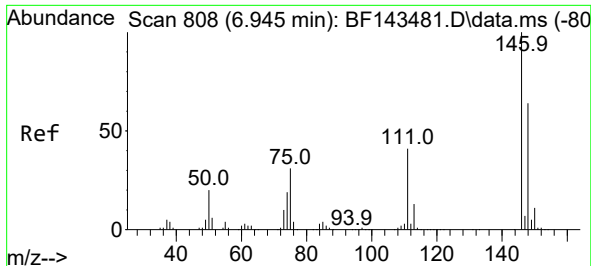


#12
1,3-Dichlorobenzene
Concen: 44.934 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



Tgt Ion:146 Resp: 314126
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
75 33.1 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 45.610 ng

RT: 6.945 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

Instrument :

BNA_F

ClientSampleId :

BRIDGE-WESTMSD

Tgt Ion:146 Resp: 319850

Ion Ratio Lower Upper

146 100

148 63.8 51.5 77.3

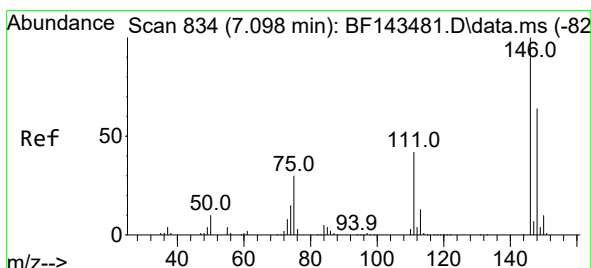
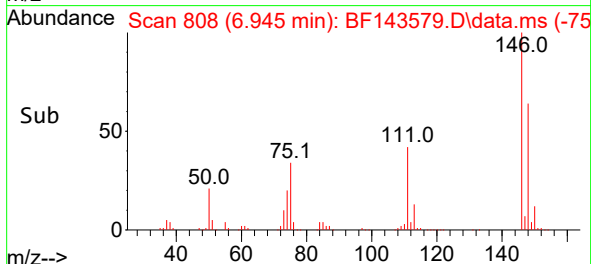
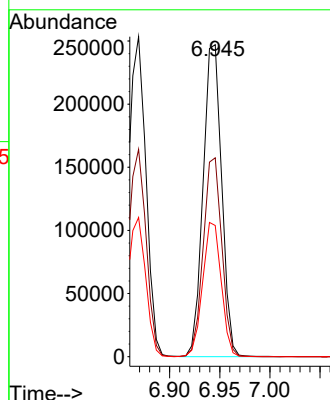
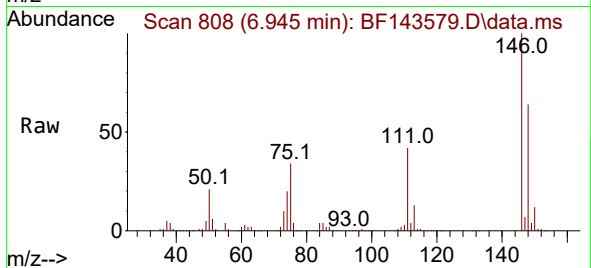
111 42.0 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#14

1,2-Dichlorobenzene

Concen: 46.267 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

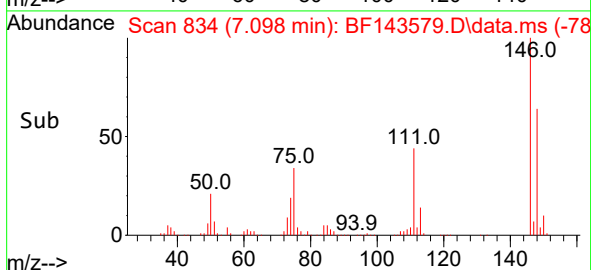
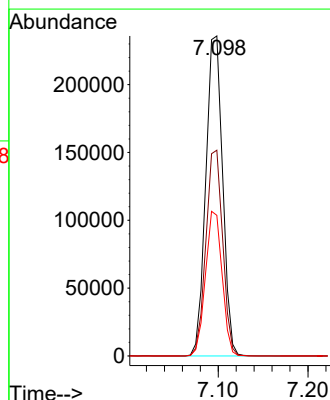
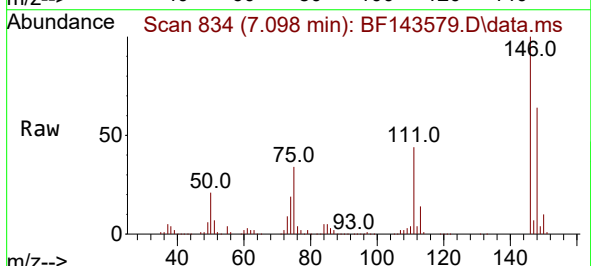
Tgt Ion:146 Resp: 307187

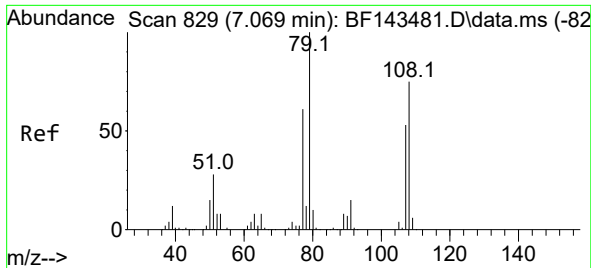
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

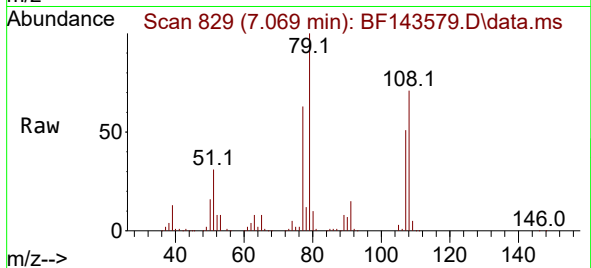
111 43.9 34.0 51.0





#15
Benzyl Alcohol
Concen: 54.097 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

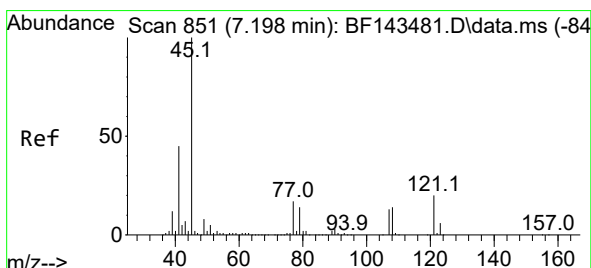
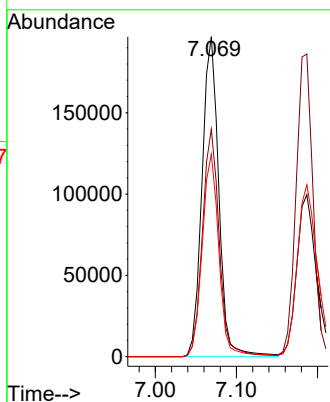
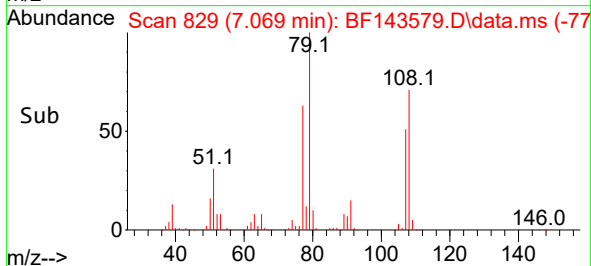
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion: 79 Resp: 281640
Ion Ratio Lower Upper
79 100
108 71.1 59.8 89.6
77 63.3 49.0 73.4

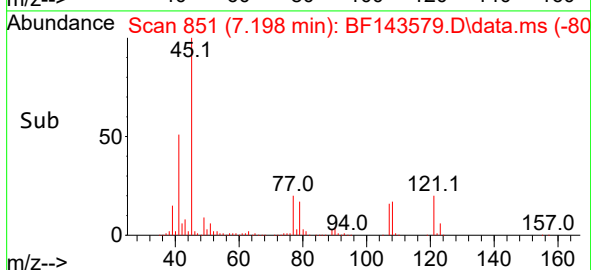
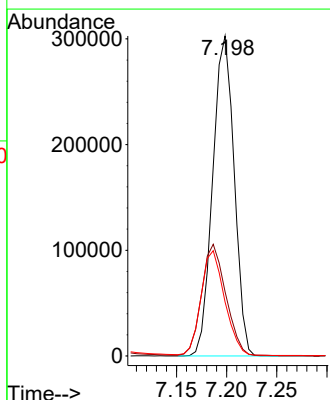
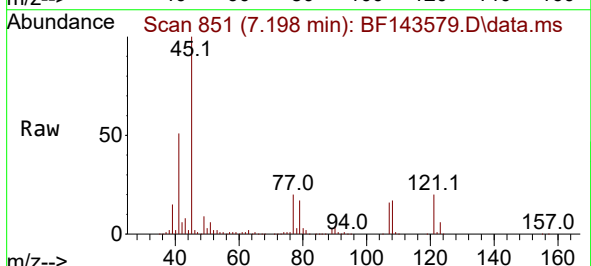
Manual Integrations
APPROVED

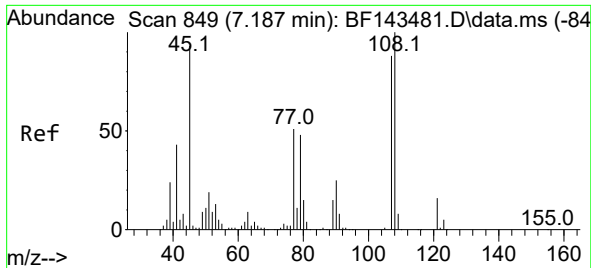
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.886 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

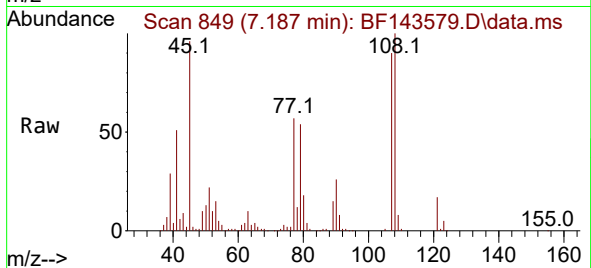
Tgt Ion: 45 Resp: 449047
Ion Ratio Lower Upper
45 100
77 20.1 0.0 37.9
79 16.9 0.0 34.7





#17
2-Methylphenol
Concen: 47.921 ng
RT: 7.187 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

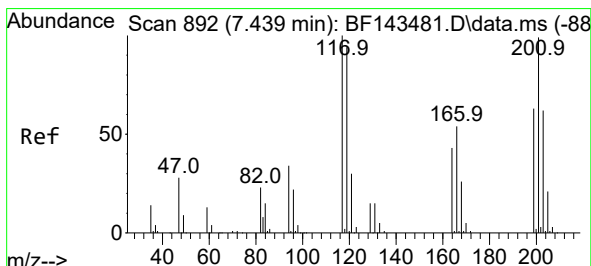
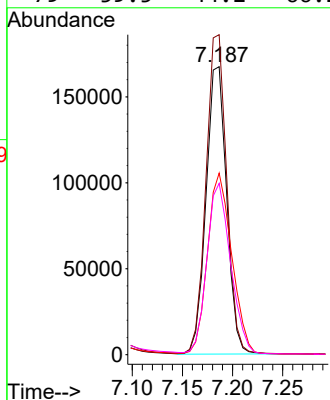
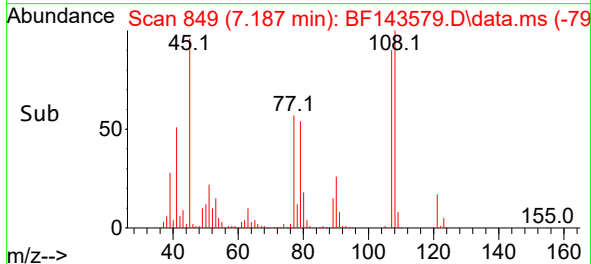
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



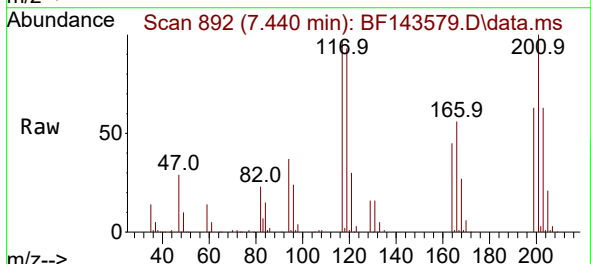
Tgt Ion:107 Resp: 239304
Ion Ratio Lower Upper
107 100
108 111.1 91.1 136.7
77 63.1 46.2 69.4
79 59.5 44.2 66.2

Manual Integrations
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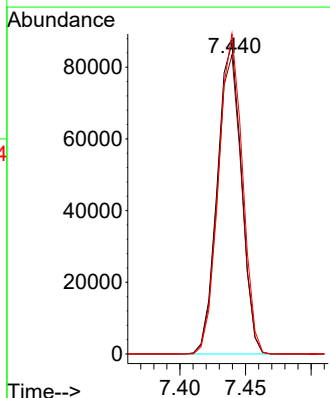
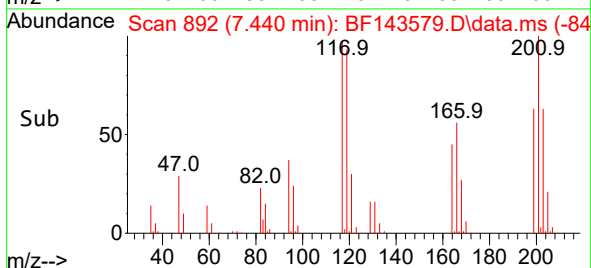
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

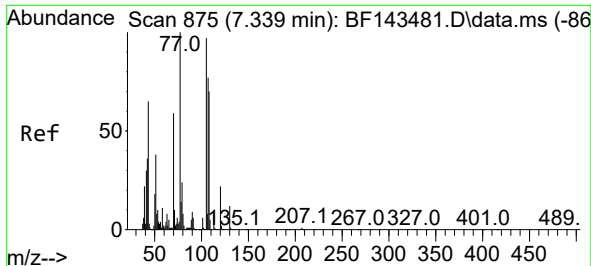


#18
Hexachloroethane
Concen: 46.554 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



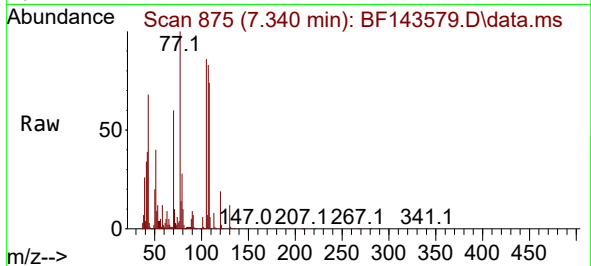
Tgt Ion:117 Resp: 110997
Ion Ratio Lower Upper
117 100
119 96.3 75.4 113.0
201 103.0 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 51.809 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

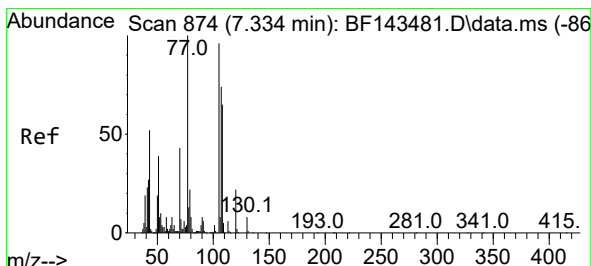
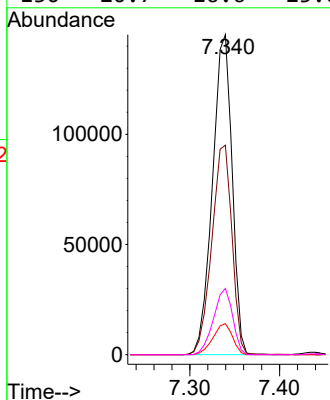
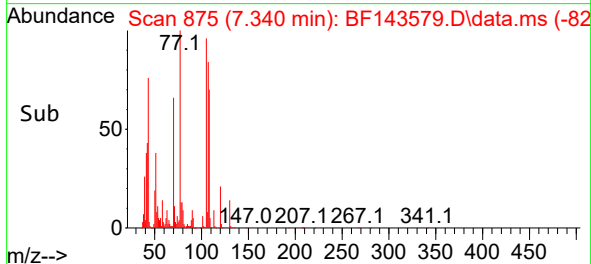
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



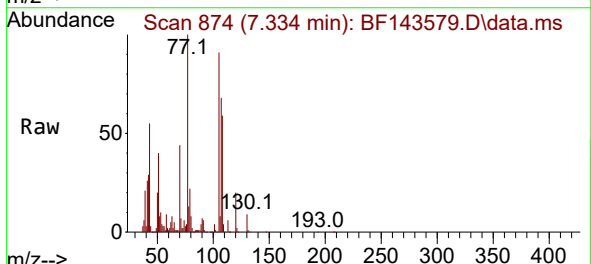
Tgt Ion: 70 Resp: 220200
Ion Ratio Lower Upper
70 100
42 65.5 49.3 73.9
101 9.7 7.8 11.8
130 20.7 16.6 25.0

Manual Integrations
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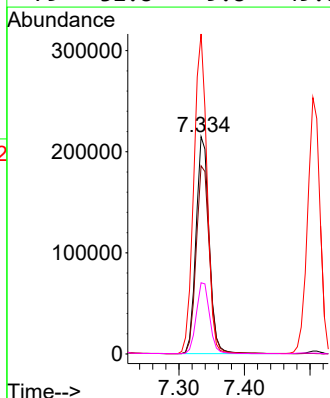
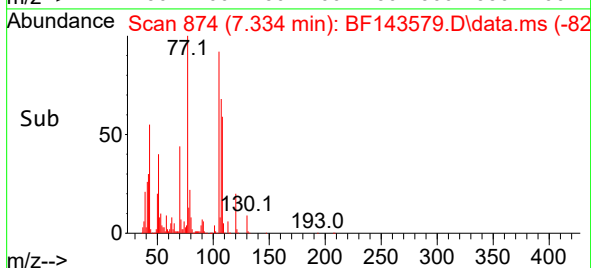
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

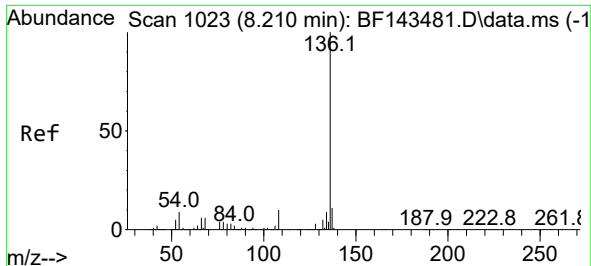


#20
3+4-Methylphenols
Concen: 50.134 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



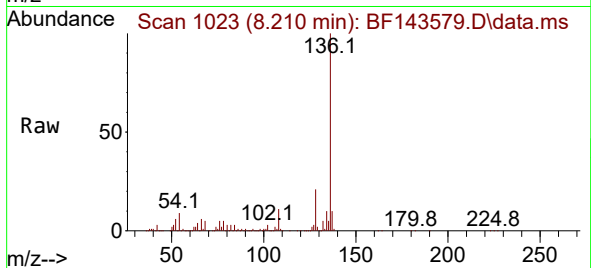
Tgt Ion:107 Resp: 298864
Ion Ratio Lower Upper
107 100
108 86.6 68.4 108.4
77 147.3 116.1 156.1
79 32.8 9.8 49.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

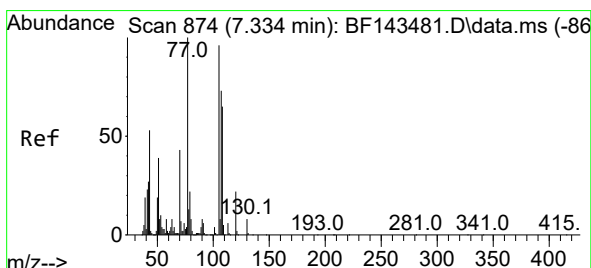
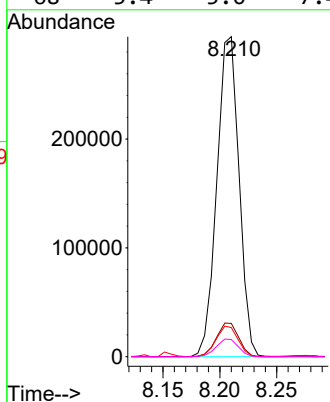
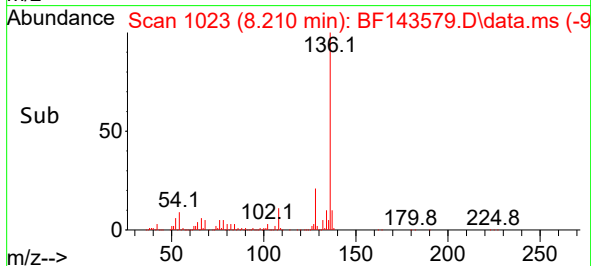
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:136 Resp: 400039
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 9.1 7.4 11.2
68 5.4 5.0 7.4

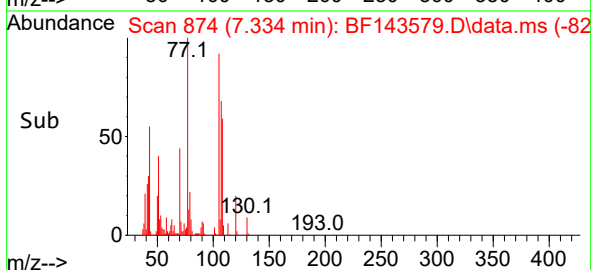
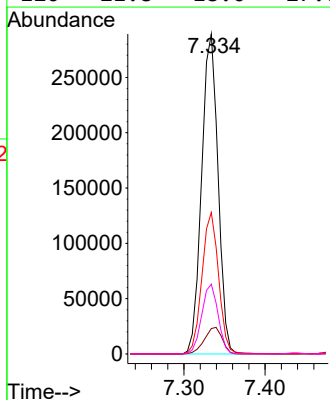
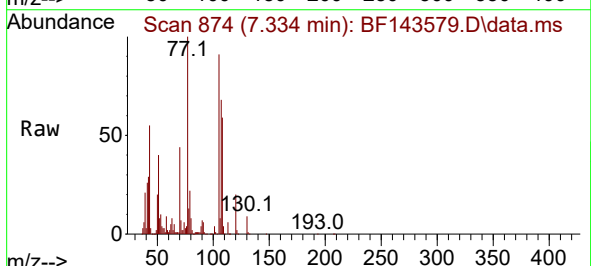
Manual Integrations
APPROVED

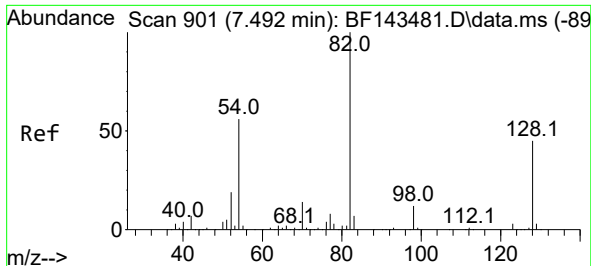
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#22
Acetophenone
Concen: 47.016 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

Tgt Ion:105 Resp: 406341
Ion Ratio Lower Upper
105 100
71 8.0 5.9 8.9
51 44.2 32.5 48.7
120 21.8 18.0 27.0





#23

Nitrobenzene-d5

Concen: 72.697 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

Instrument :

BNA_F

ClientSampleId :

BRIDGE-WESTMSD

Tgt Ion: 82 Resp: 49836

Ion Ratio Lower Upper

82 100

128 41.3 35.5 53.3

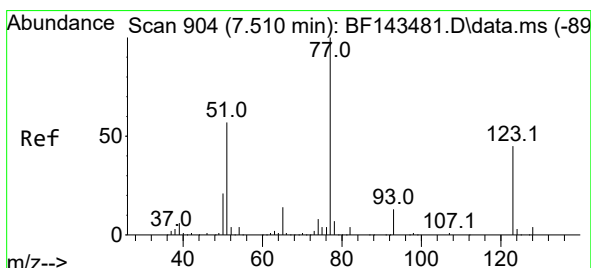
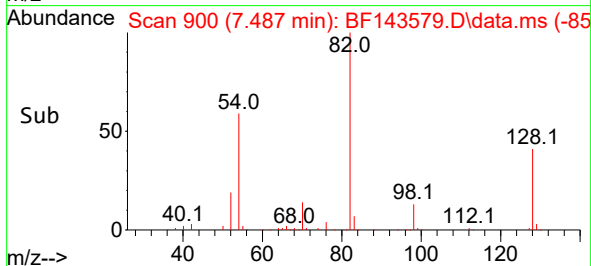
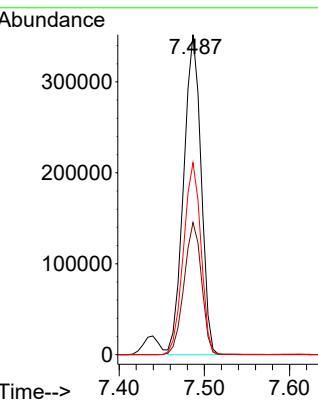
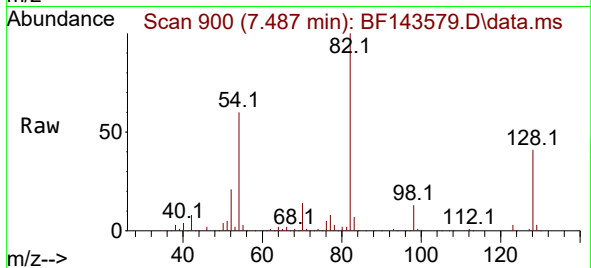
54 60.0 44.3 66.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#24

Nitrobenzene

Concen: 47.286 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

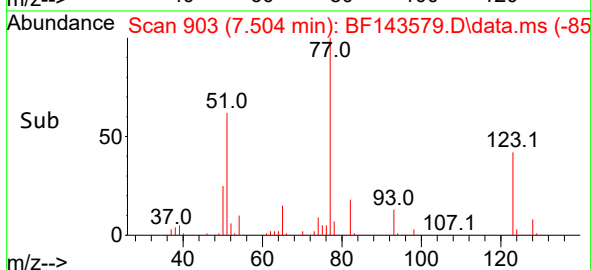
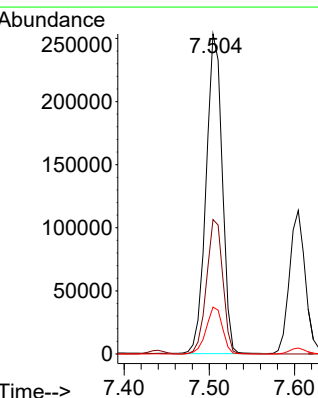
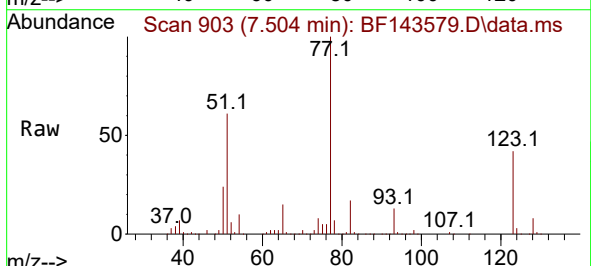
Tgt Ion: 77 Resp: 333630

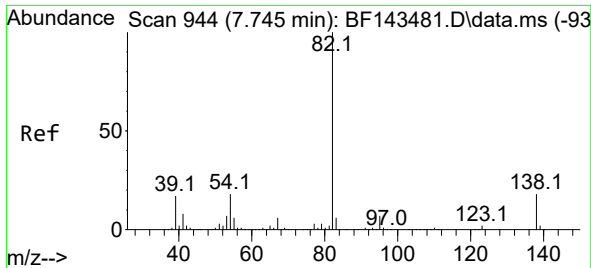
Ion Ratio Lower Upper

77 100

123 42.0 36.1 54.1

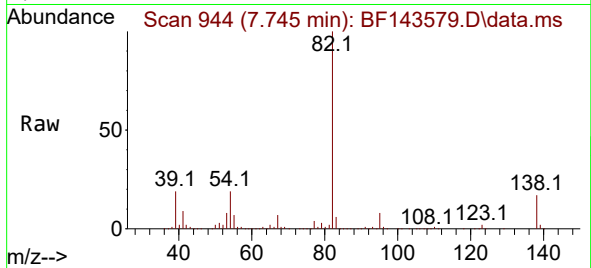
65 14.7 11.0 16.6





#25
Isophorone
Concen: 48.753 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

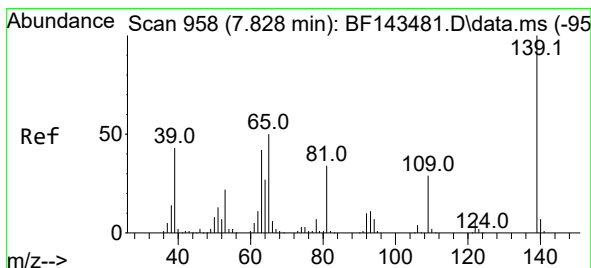
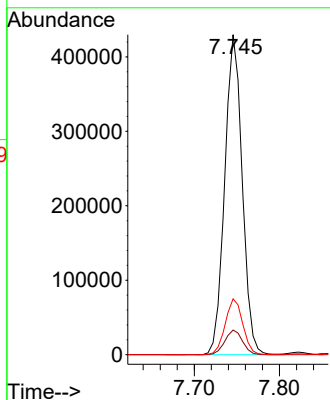
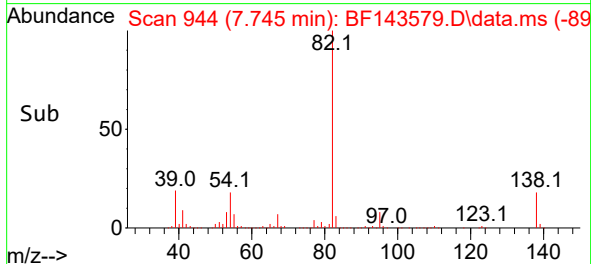
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



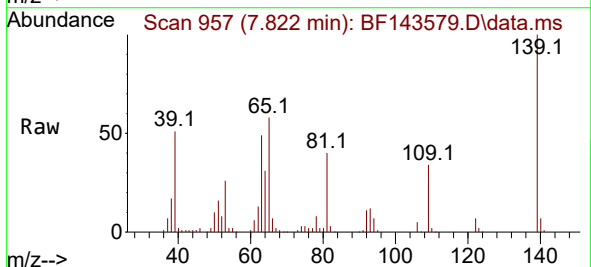
Tgt Ion: 82 Resp: 612640
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 17.4 14.2 21.4

Manual Integrations
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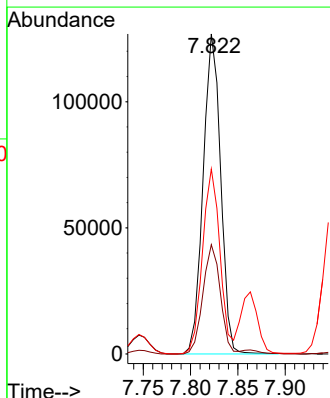
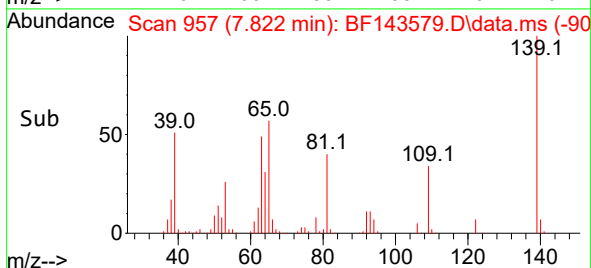
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

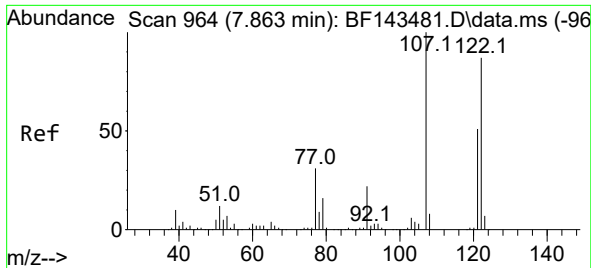


#26
2-Nitrophenol
Concen: 47.174 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



Tgt Ion:139 Resp: 163042
Ion Ratio Lower Upper
139 100
109 34.1 23.0 34.6
65 57.8 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 48.448 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

Instrument :

BNA_F

ClientSampleId :

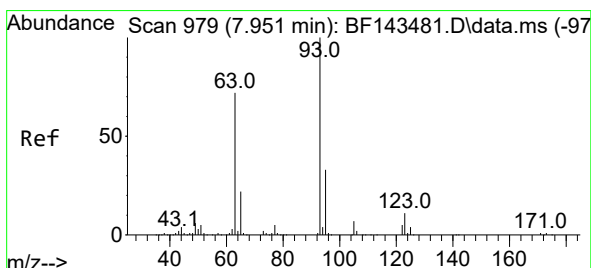
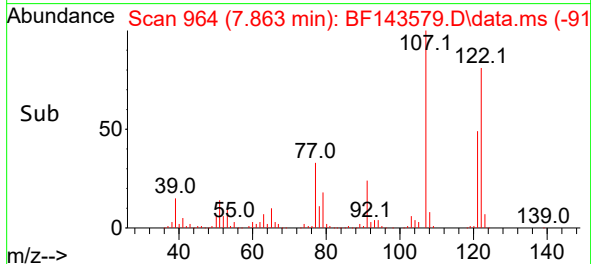
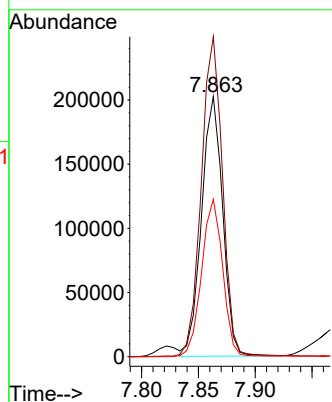
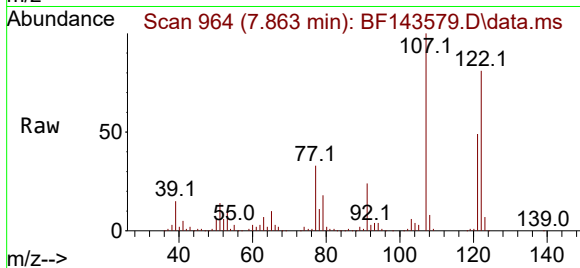
BRIDGE-WESTMSD

Tgt Ion:122 Resp: 261019
Ion Ratio Lower Upper
122 100
107 123.0 91.5 137.3
121 60.5 47.0 70.4

Manual Integrations

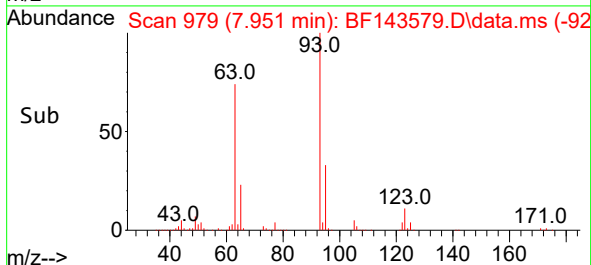
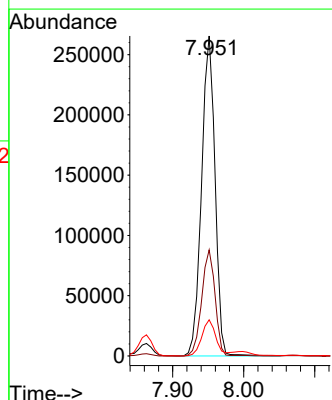
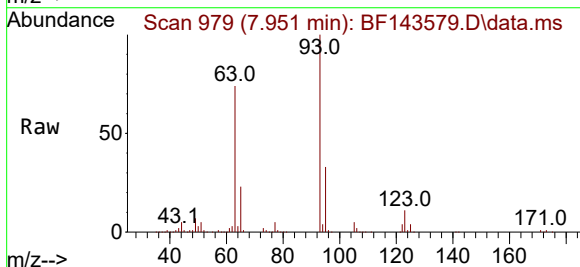
APPROVED

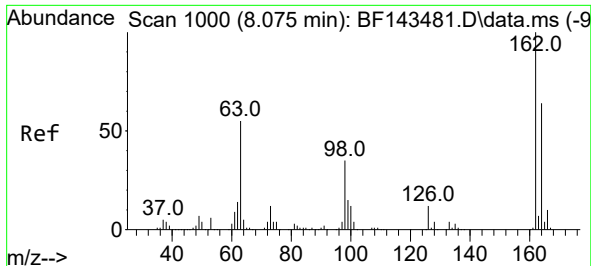
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.500 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

Tgt Ion: 93 Resp: 351389
Ion Ratio Lower Upper
93 100
95 33.2 26.0 39.0
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.519 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143579.D

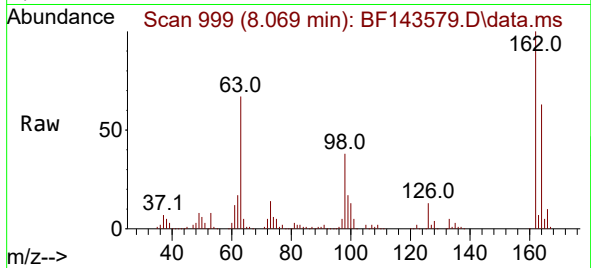
Acq: 22 Aug 2025 18:22

Instrument :

BNA_F

ClientSampleId :

BRIDGE-WESTMSD



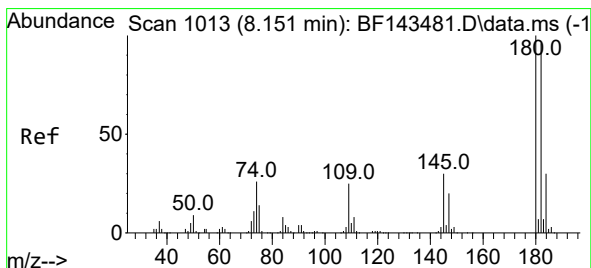
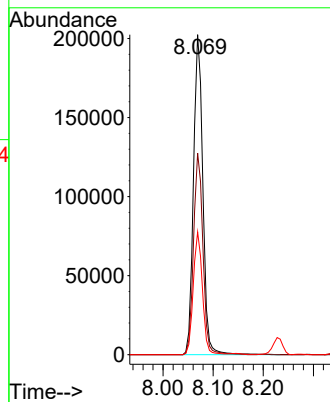
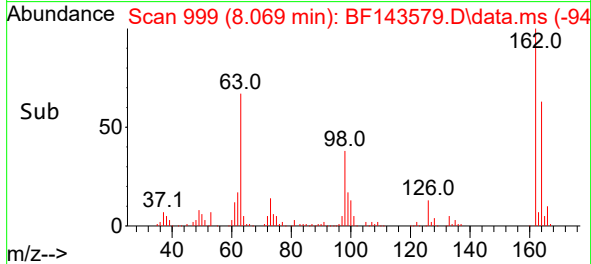
Tgt Ion:162	Resp: 261918
Ion Ratio	Lower Upper
162 100	
164 63.0	43.5 83.5
98 38.4	15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#30

1,2,4-Trichlorobenzene

Concen: 46.217 ng

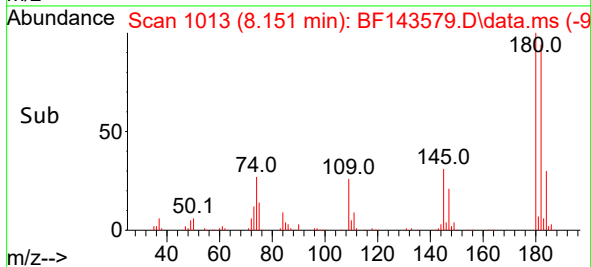
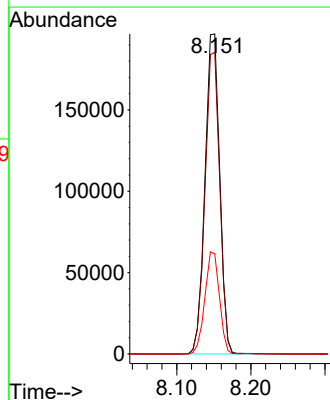
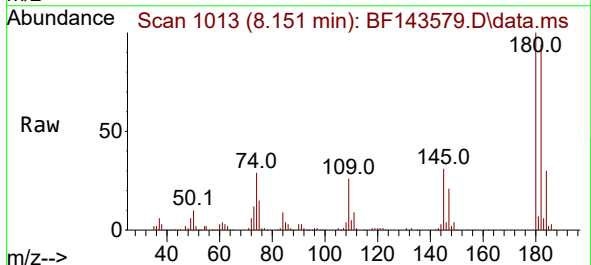
RT: 8.151 min Scan# 1013

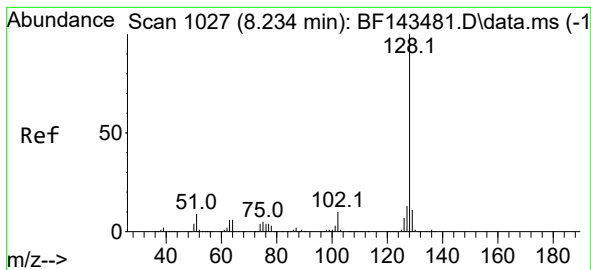
Delta R.T. 0.000 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

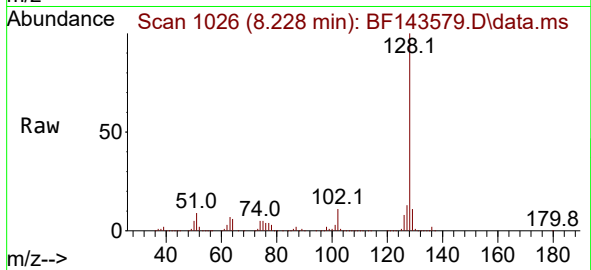
Tgt Ion:180	Resp: 273417
Ion Ratio	Lower Upper
180 100	
182 94.3	76.6 114.8
145 31.3	24.3 36.5





#31
Naphthalene
Concen: 43.804 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

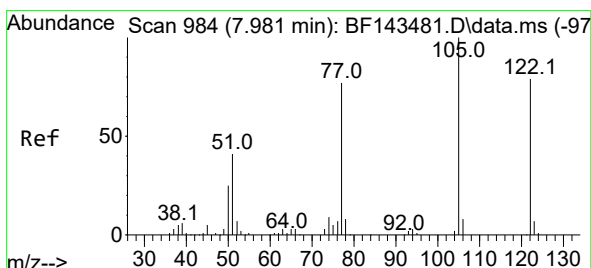
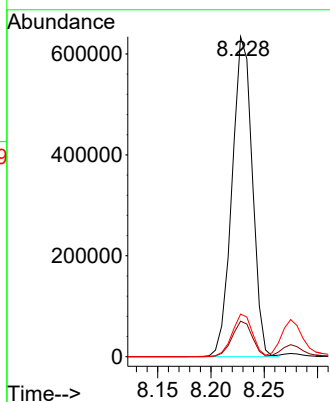
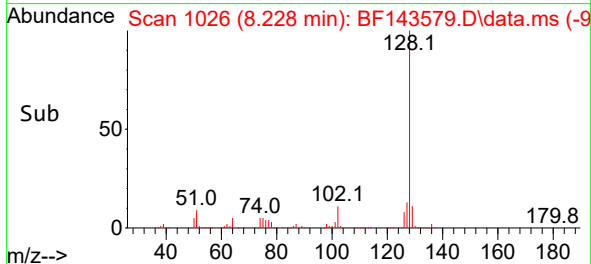
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:128 Resp: 841304
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.6 16.0

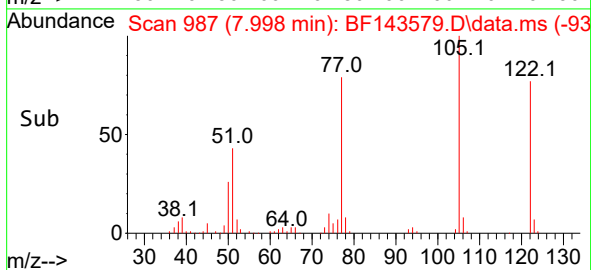
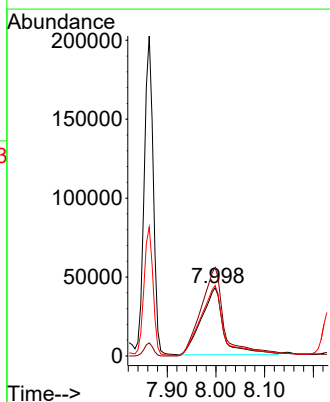
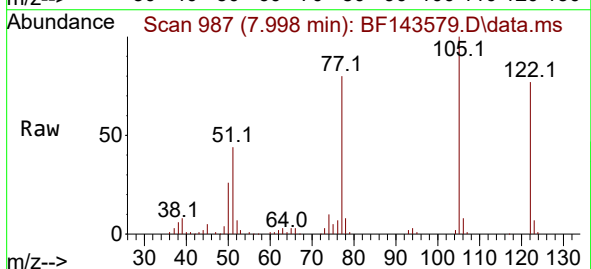
Manual Integrations
APPROVED

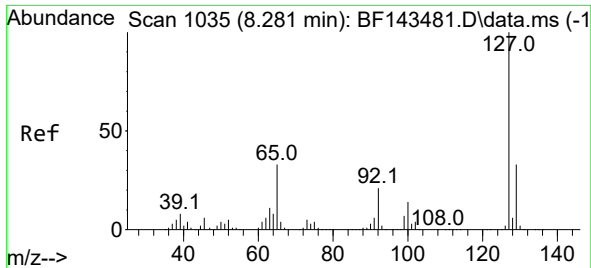
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#32
Benzoic acid
Concen: 44.966 ng
RT: 7.998 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

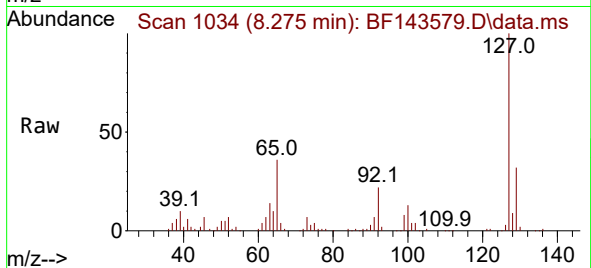
Tgt Ion:122 Resp: 136363
Ion Ratio Lower Upper
122 100
105 129.8 104.7 144.7
77 103.2 77.3 117.3





#33
4-Chloroaniline
Concen: 15.952 ng
RT: 8.275 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

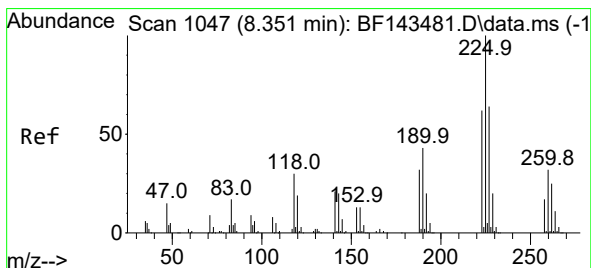
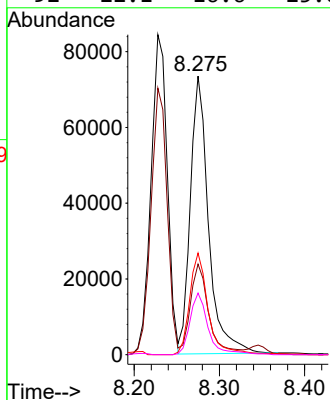
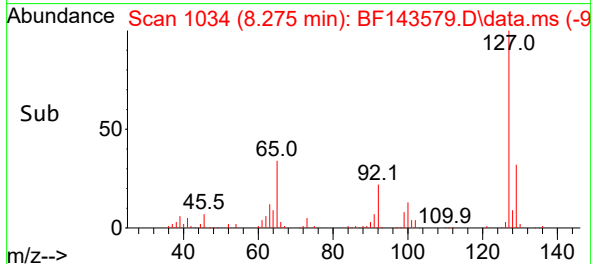
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:127 Resp: 10874
Ion Ratio Lower Upper
127 100
129 32.5 26.1 39.1
65 36.5 26.2 39.2
92 22.1 16.6 25.0

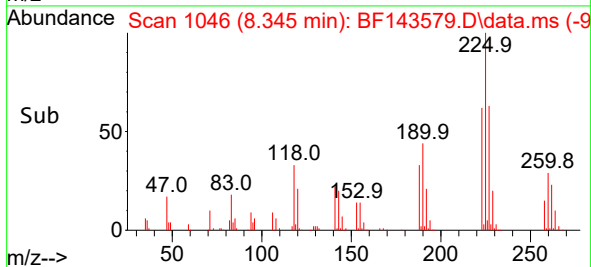
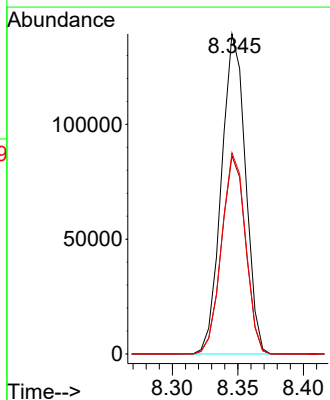
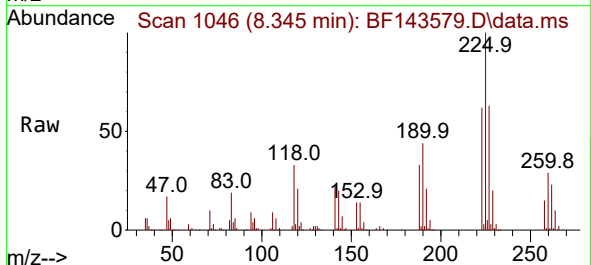
Manual Integrations
APPROVED

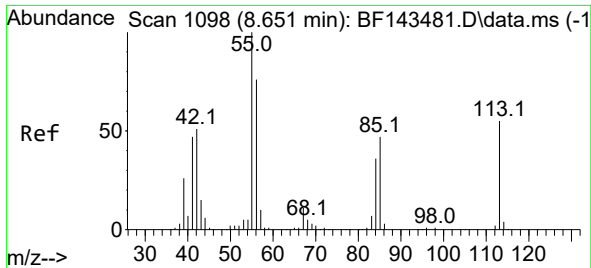
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#34
Hexachlorobutadiene
Concen: 45.998 ng
RT: 8.345 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

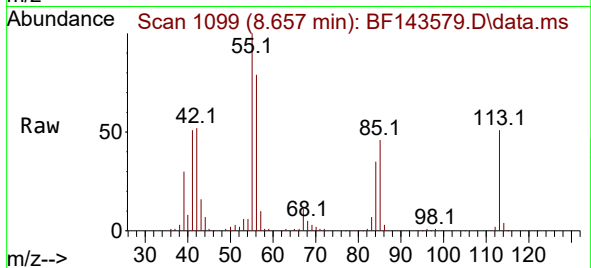
Tgt Ion:225 Resp: 177538
Ion Ratio Lower Upper
225 100
223 61.9 49.9 74.9
227 62.9 50.9 76.3





#35
Caprolactam
Concen: 58.951 ng m
RT: 8.657 min Scan# 1099
Delta R.T. -0.018 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

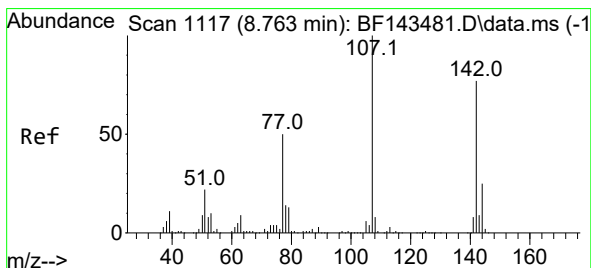
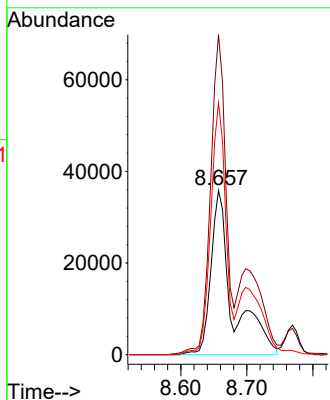
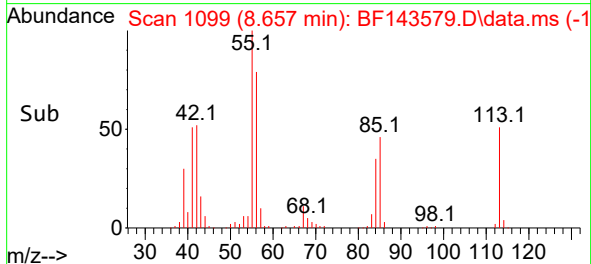
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:113 Resp: 81390
Ion Ratio Lower Upper
113 100
55 194.6 162.8 202.8
56 153.3 118.1 158.1

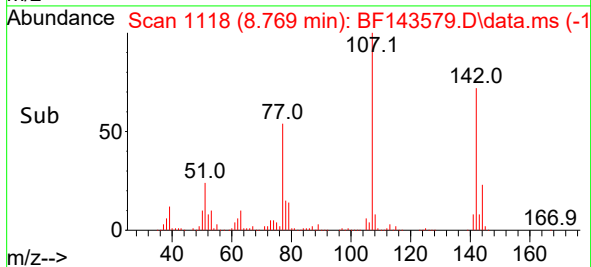
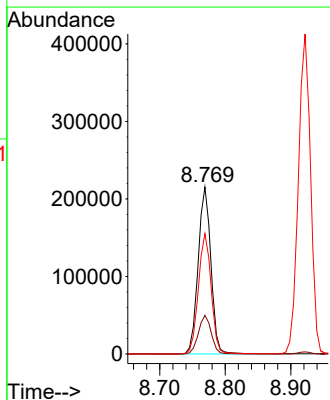
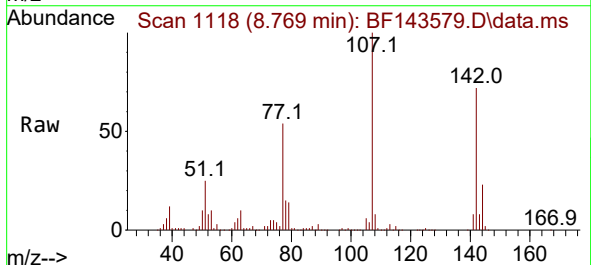
Manual Integrations
APPROVED

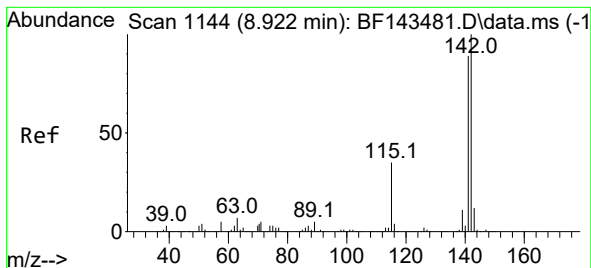
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#36
4-Chloro-3-methylphenol
Concen: 50.851 ng
RT: 8.769 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

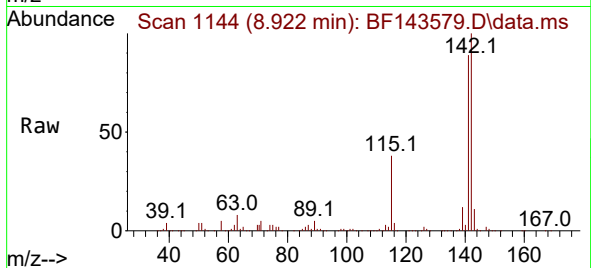
Tgt Ion:107 Resp: 293228
Ion Ratio Lower Upper
107 100
144 23.1 19.9 29.9
142 72.1 61.8 92.8





#37
2-Methylnaphthalene
Concen: 41.370 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

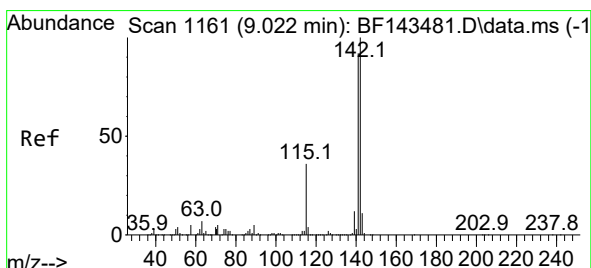
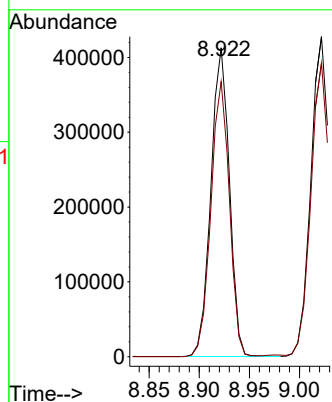
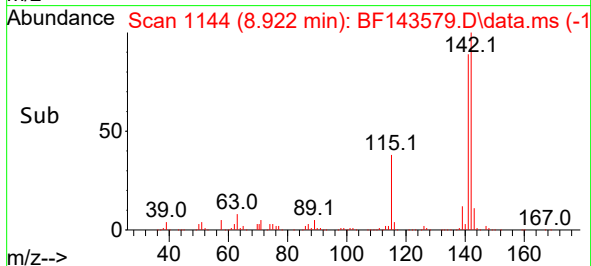
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:142 Resp: 53066
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4

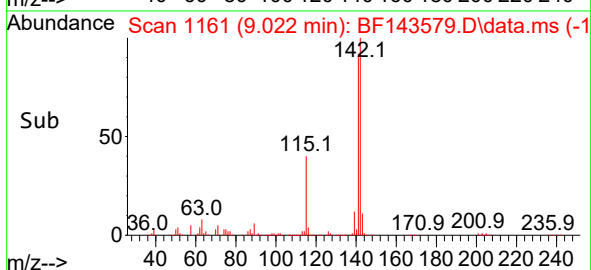
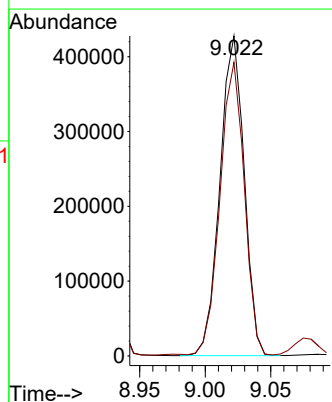
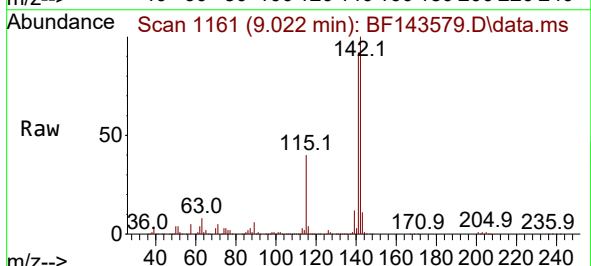
Manual Integrations
APPROVED

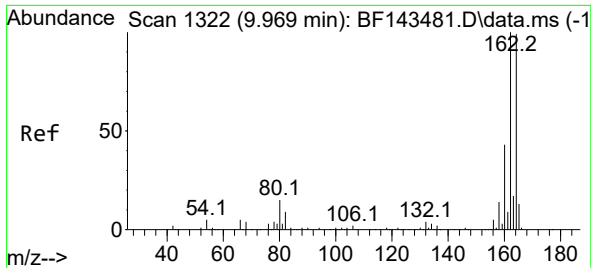
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#38
1-Methylnaphthalene
Concen: 44.739 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

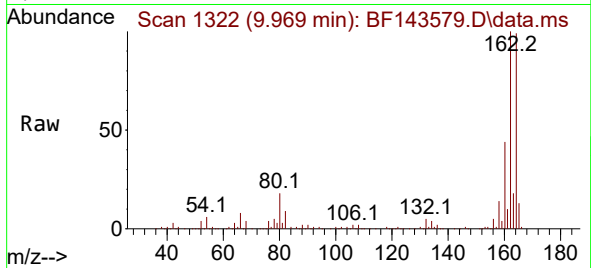
Tgt Ion:142 Resp: 548941
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

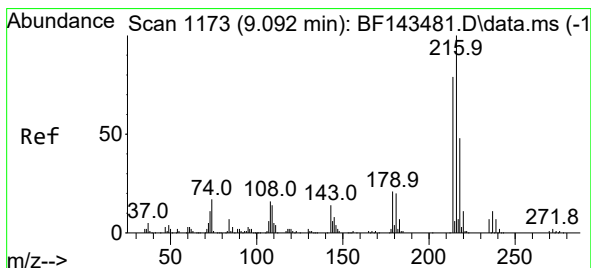
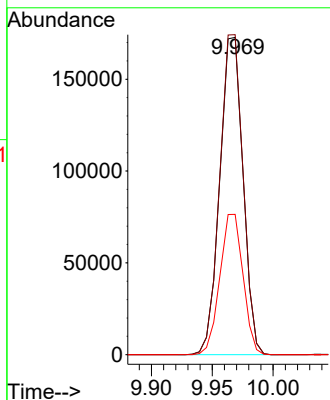
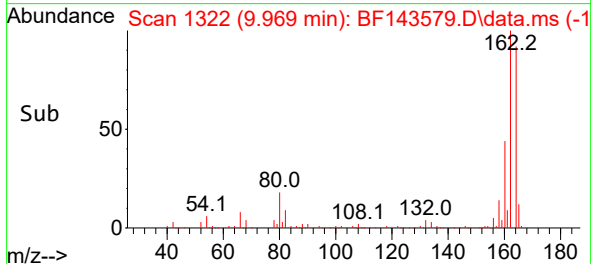
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:164 Resp: 229784
Ion Ratio Lower Upper
164 100
162 100.9 80.5 120.7
160 44.2 34.3 51.5

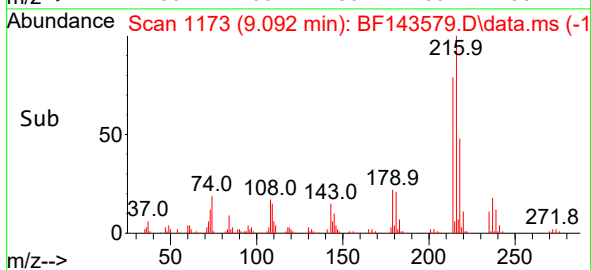
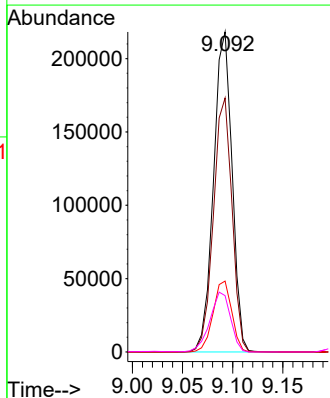
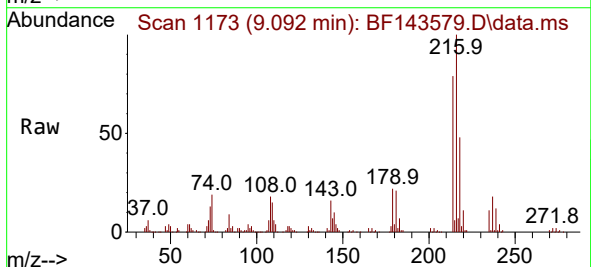
Manual Integrations
APPROVED

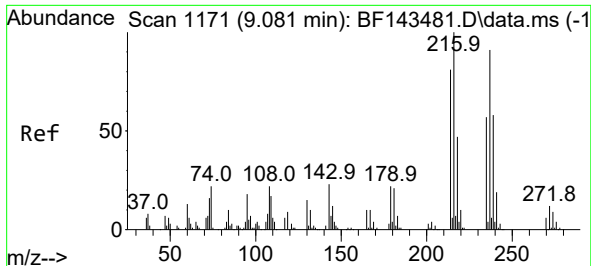
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.604 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

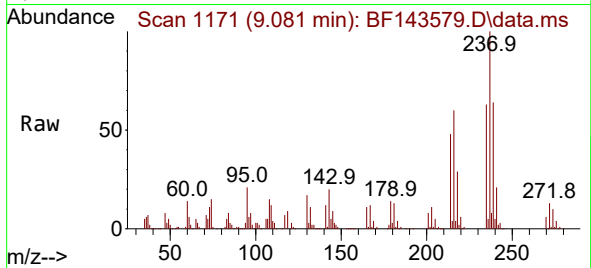
Tgt Ion:216 Resp: 280020
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.0
179 22.4 16.5 24.7
108 20.8 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 95.340 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

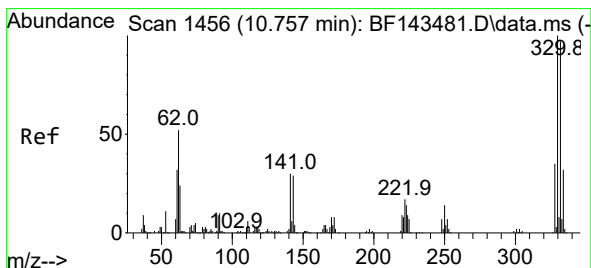
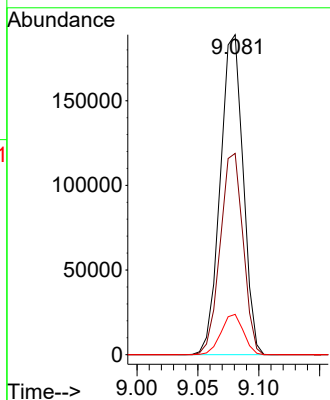
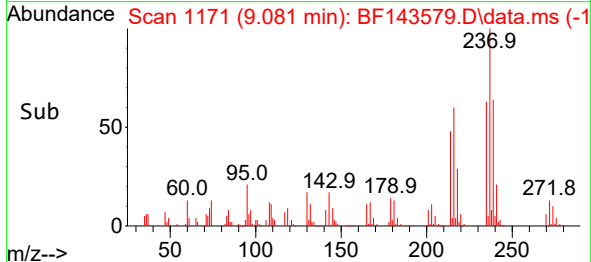
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:237 Resp: 246914
Ion Ratio Lower Upper
237 100
235 62.9 42.6 82.6
272 12.6 0.0 33.4

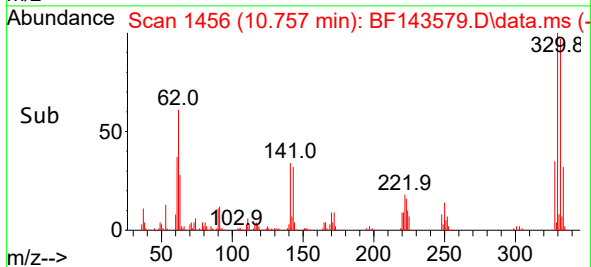
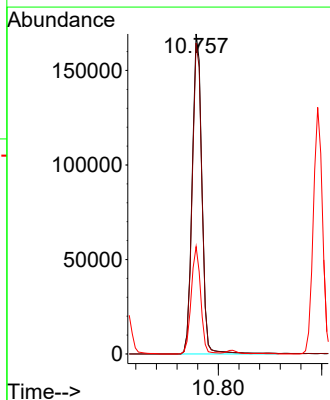
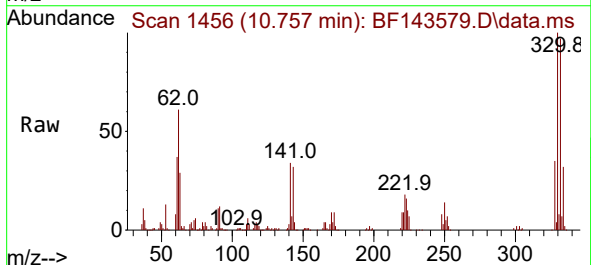
Manual Integrations
APPROVED

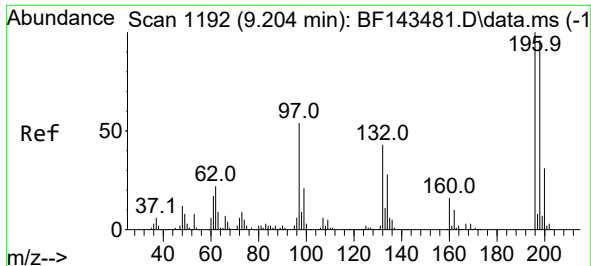
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#42
2,4,6-Tribromophenol
Concen: 103.185 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

Tgt Ion:330 Resp: 220708
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 32.7 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 46.589 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF143579.D

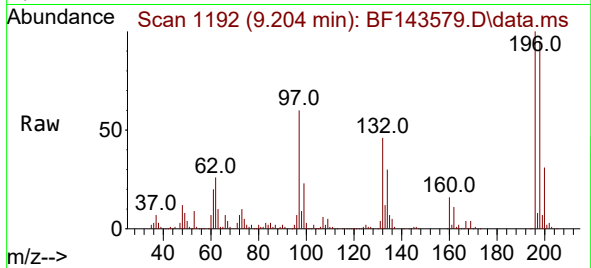
Acq: 22 Aug 2025 18:22

Instrument :

BNA_F

ClientSampleId :

BRIDGE-WESTMSD



Tgt Ion:196 Resp: 18842

Ion Ratio Lower Upper

196 100

198 95.5 77.0 115.4

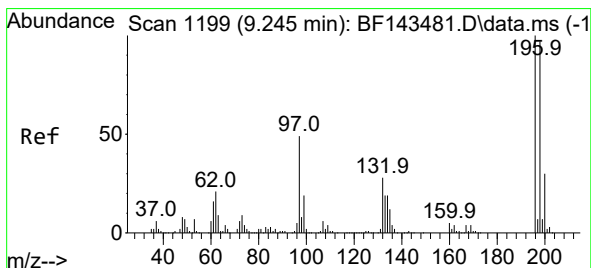
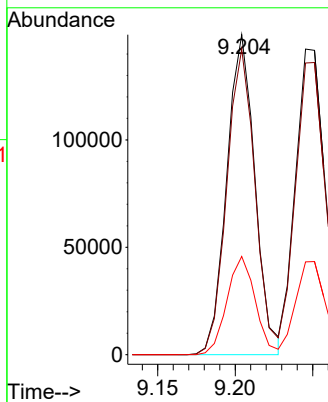
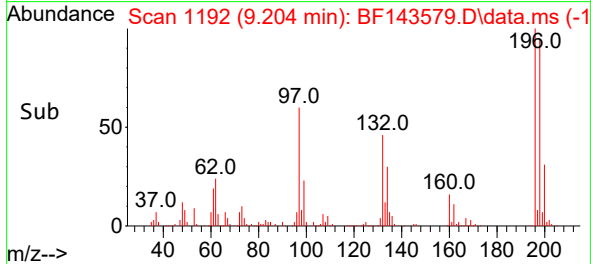
200 30.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#44

2,4,5-Trichlorophenol

Concen: 43.831 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

Tgt Ion:196 Resp: 193636

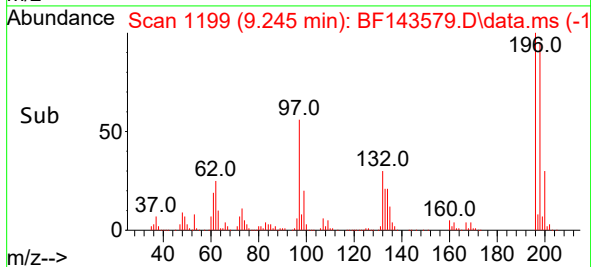
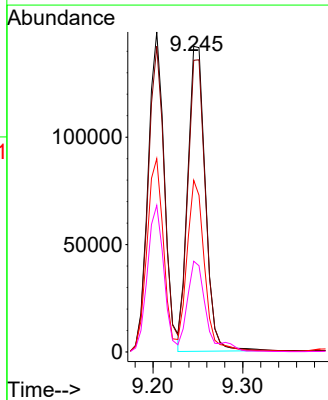
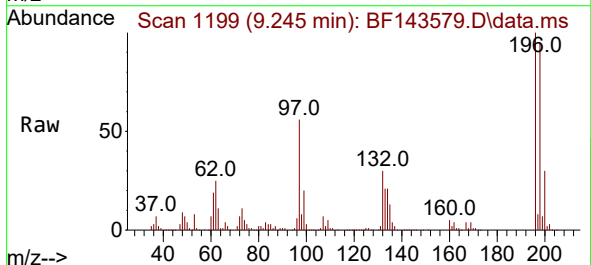
Ion Ratio Lower Upper

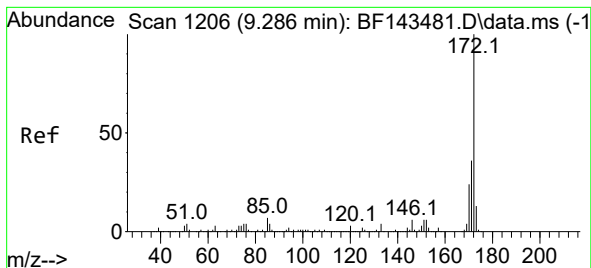
196 100

198 95.5 77.3 115.9

97 56.2 40.0 60.0

132 29.7 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 67.802 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

Instrument :

BNA_F

ClientSampleId :

BRIDGE-WESTMSD

Tgt Ion:172 Resp: 942698

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

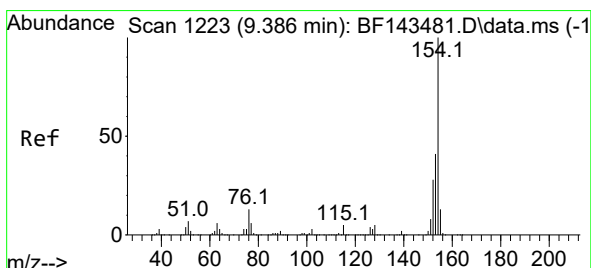
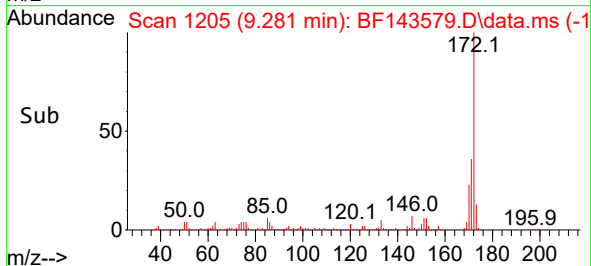
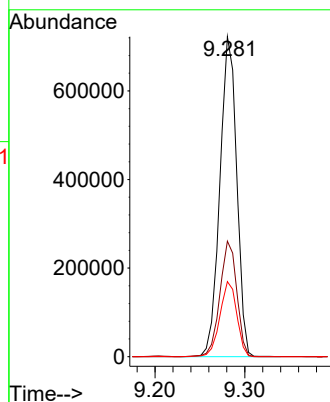
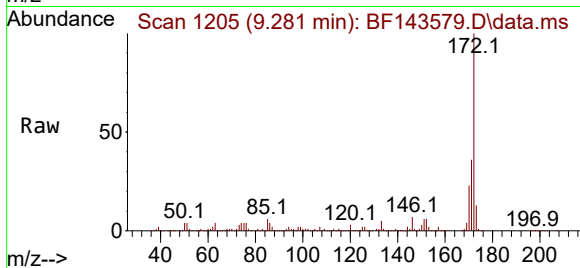
170 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#46

1,1'-Biphenyl

Concen: 44.719 ng

RT: 9.387 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

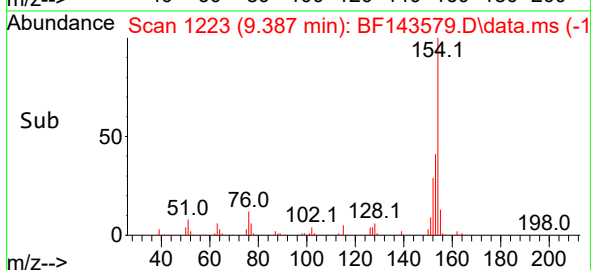
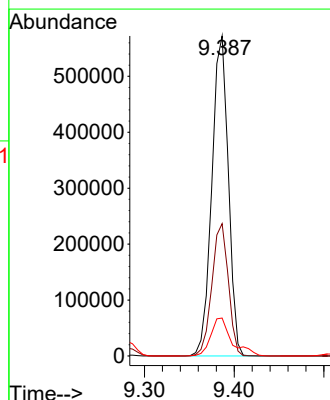
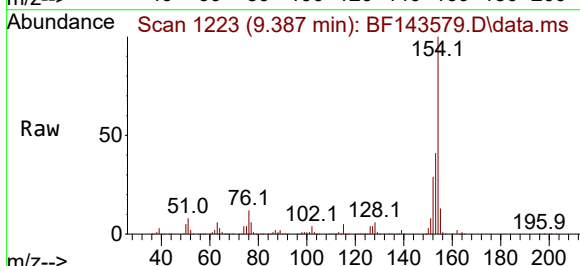
Tgt Ion:154 Resp: 729342

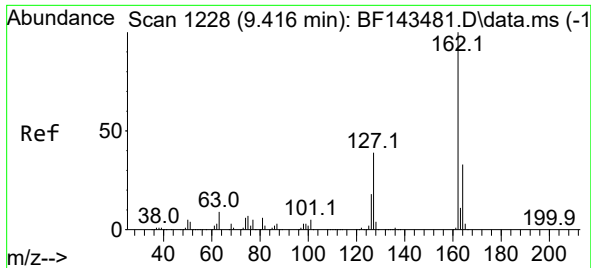
Ion Ratio Lower Upper

154 100

153 41.4 20.6 60.6

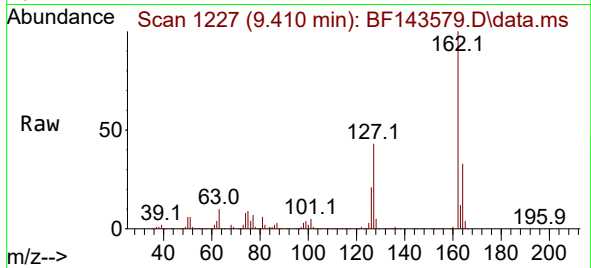
76 11.9 0.0 33.0





#47
2-Chloronaphthalene
Concen: 43.531 ng
RT: 9.410 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

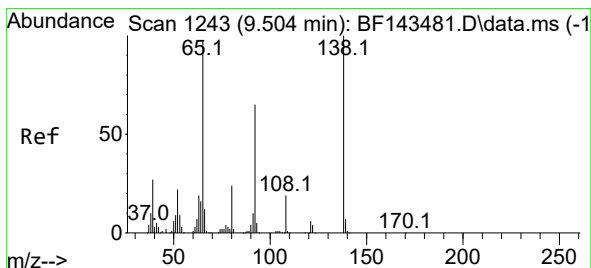
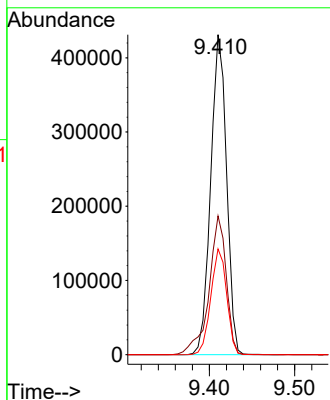
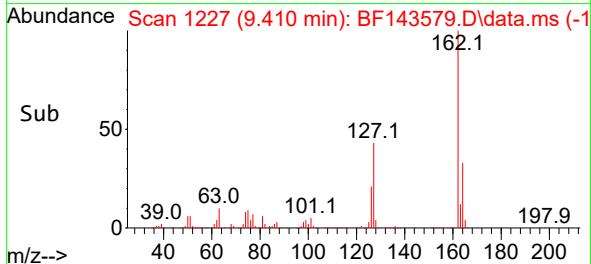
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:162 Resp: 557060
Ion Ratio Lower Upper
162 100
127 43.4 31.8 47.6
164 33.0 26.4 39.6

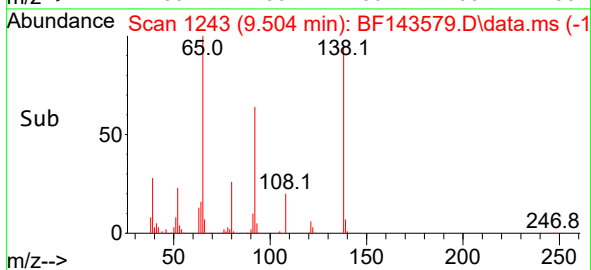
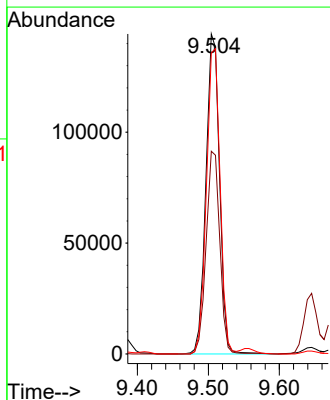
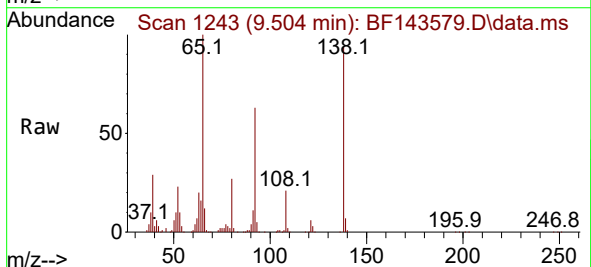
Manual Integrations
APPROVED

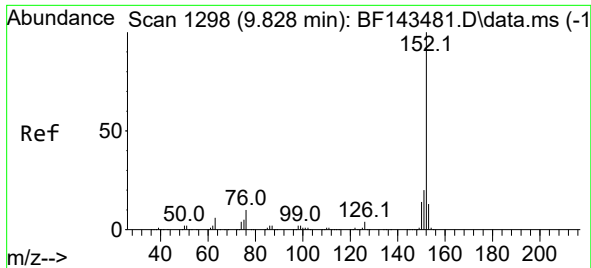
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#48
2-Nitroaniline
Concen: 51.390 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

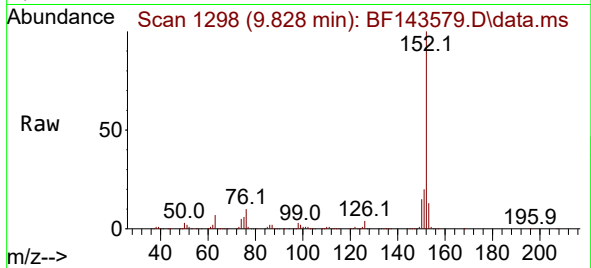
Tgt Ion: 65 Resp: 192465
Ion Ratio Lower Upper
65 100
92 63.4 53.8 80.6
138 94.1 82.4 123.6





#49
Acenaphthylene
Concen: 50.575 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

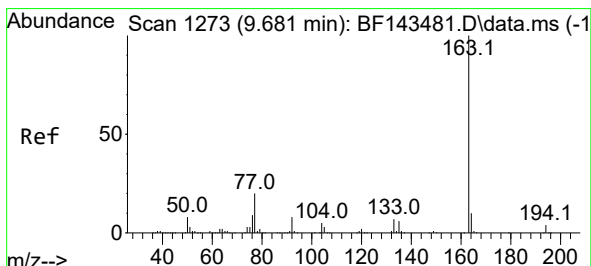
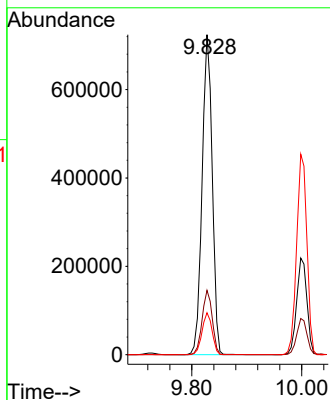
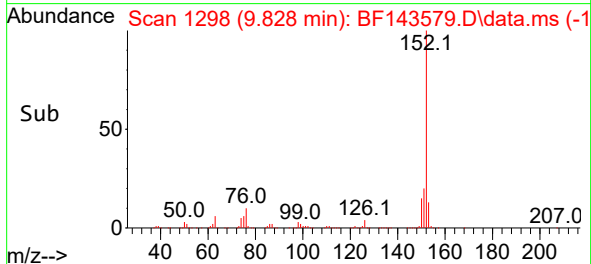
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



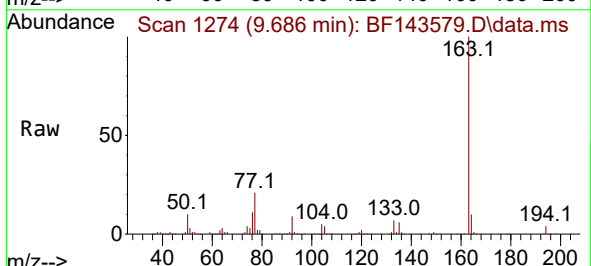
Tgt Ion:152 Resp: 92670
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.1 10.6 15.8

Manual Integrations
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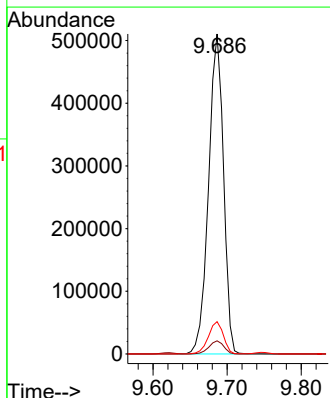
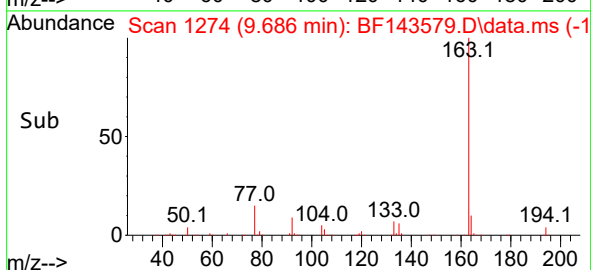
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

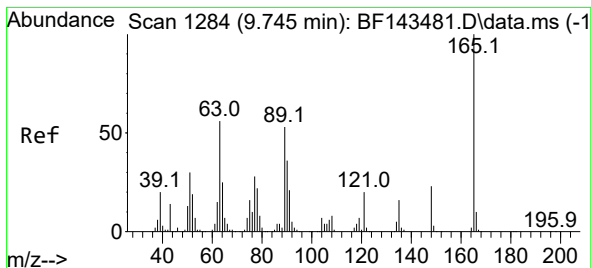


#50
Dimethylphthalate
Concen: 51.649 ng
RT: 9.686 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



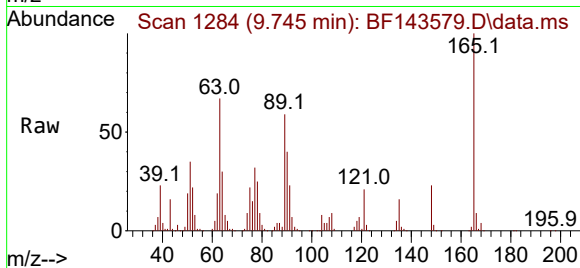
Tgt Ion:163 Resp: 714787
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.376 ng
RT: 9.745 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

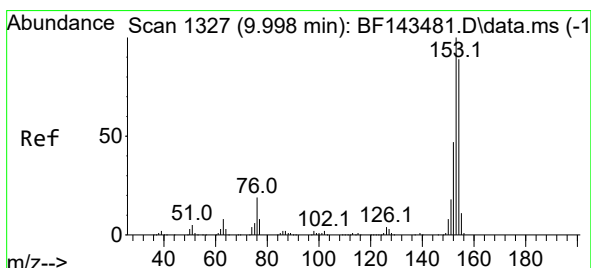
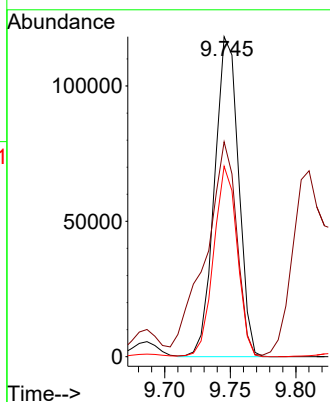
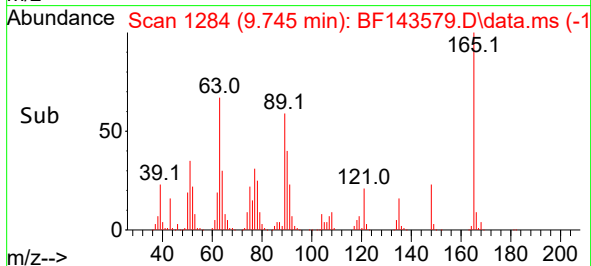
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:165 Resp: 150227
Ion Ratio Lower Upper
165 100
63 67.2 45.0 67.6
89 59.5 42.5 63.7

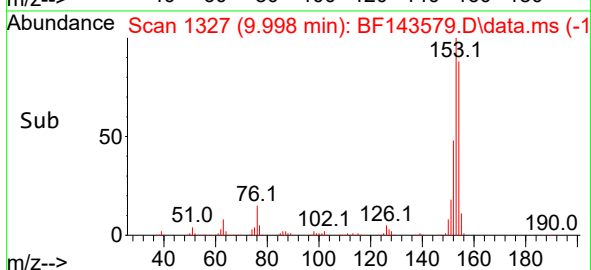
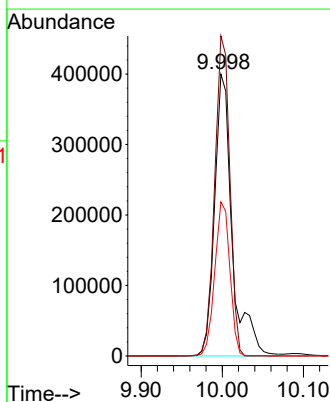
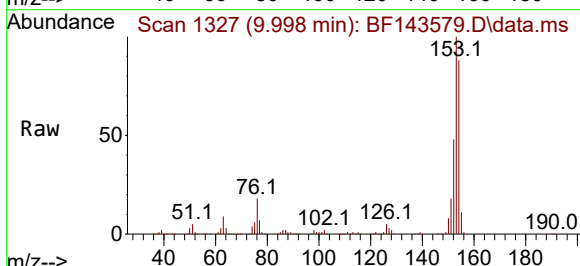
Manual Integrations
APPROVED

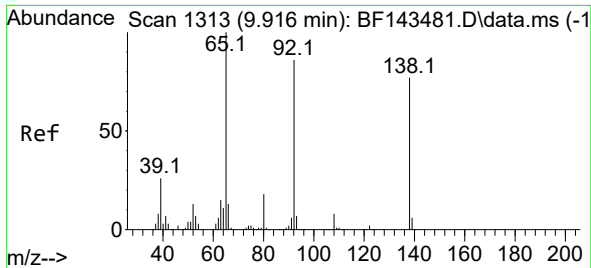
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#52
Acenaphthene
Concen: 48.489 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

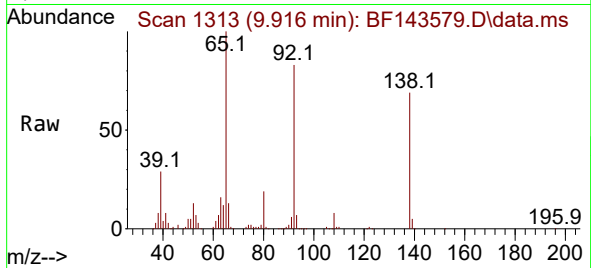
Tgt Ion:154 Resp: 603241
Ion Ratio Lower Upper
154 100
153 113.5 89.5 134.3
152 54.7 42.5 63.7





#53
3-Nitroaniline
Concen: 29.097 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

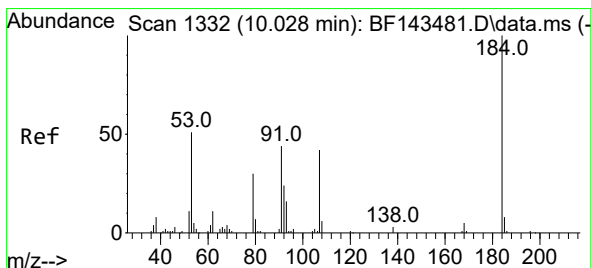
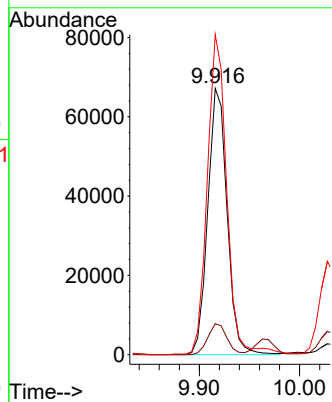
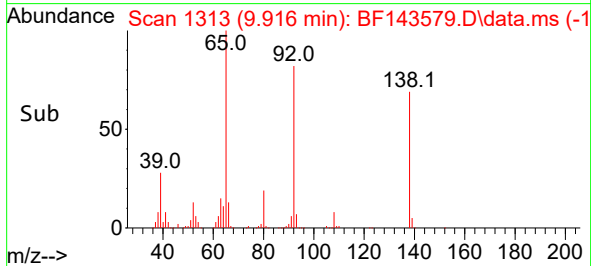
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



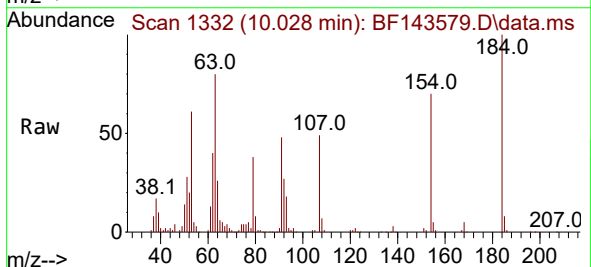
Tgt Ion:138 Resp: 9018
Ion Ratio Lower Upper
138 100
108 11.7 8.6 13.0
92 120.2 89.8 134.8

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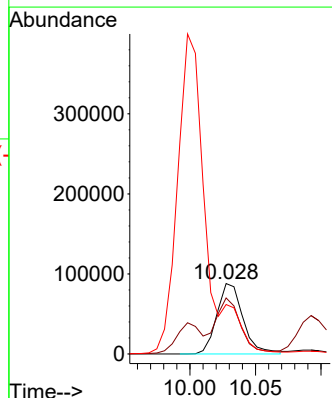
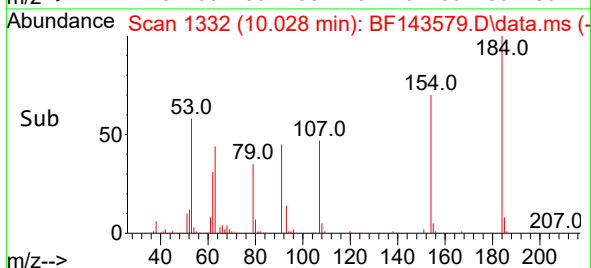
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

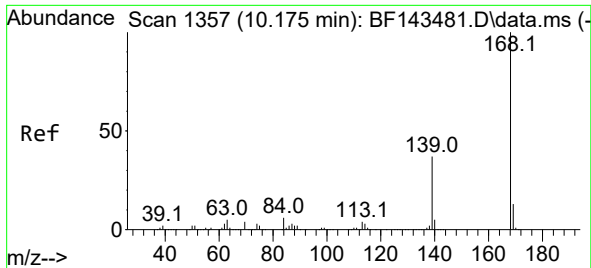


#54
2,4-Dinitrophenol
Concen: 79.619 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



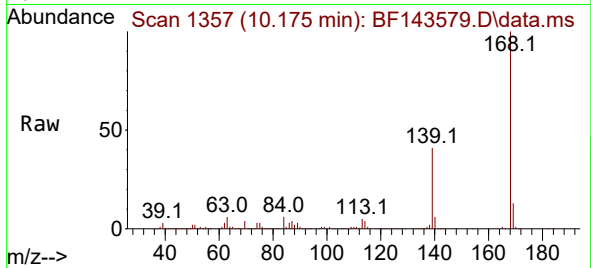
Tgt Ion:184 Resp: 122086
Ion Ratio Lower Upper
184 100
63 79.6 52.6 78.8#
154 70.2 51.0 76.4





#55
Dibenzenofuran
Concen: 45.384 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

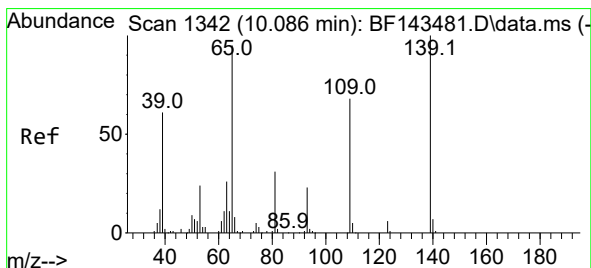
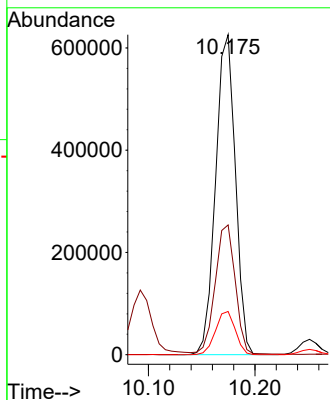
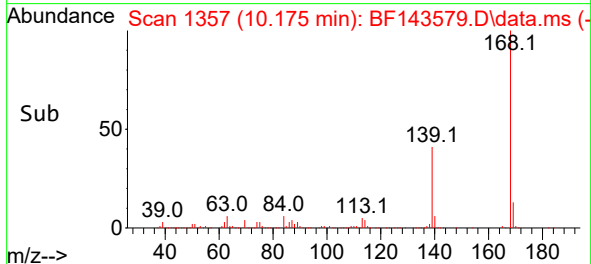
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:168 Resp: 804972
Ion Ratio Lower Upper
168 100
139 40.5 29.8 44.6
169 13.5 10.8 16.2

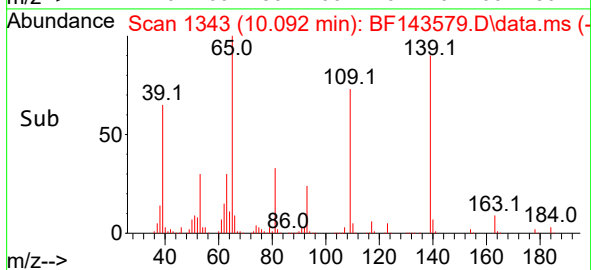
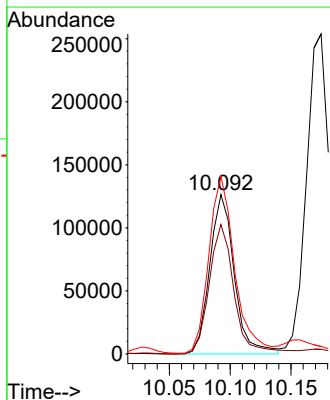
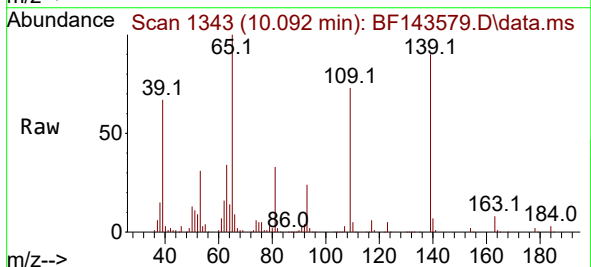
Manual Integrations
APPROVED

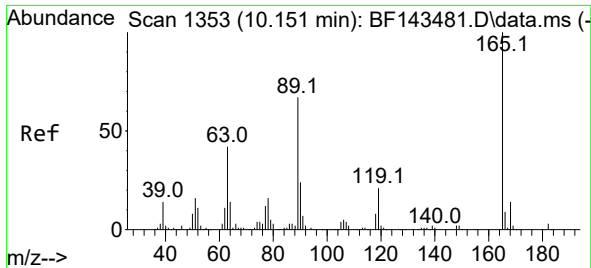
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#56
4-Nitrophenol
Concen: 96.405 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

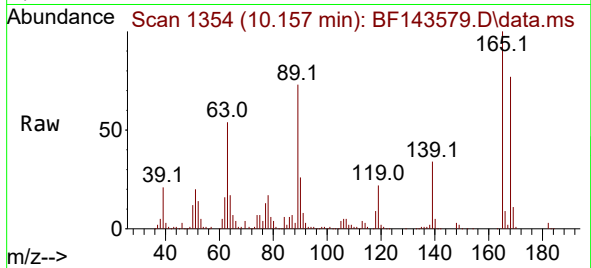
Tgt Ion:139 Resp: 177782
Ion Ratio Lower Upper
139 100
109 81.3 48.2 88.2
65 111.6 75.8 115.8





#57
2,4-Dinitrotoluene
Concen: 52.989 ng
RT: 10.157 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

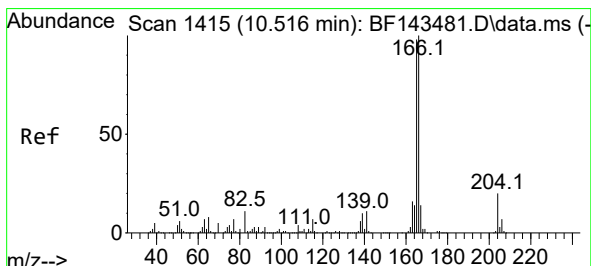
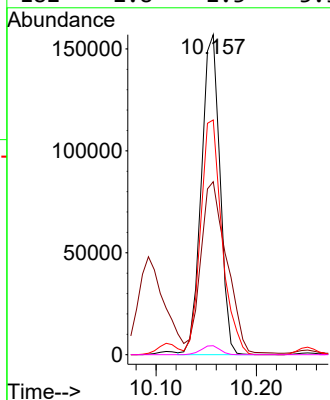
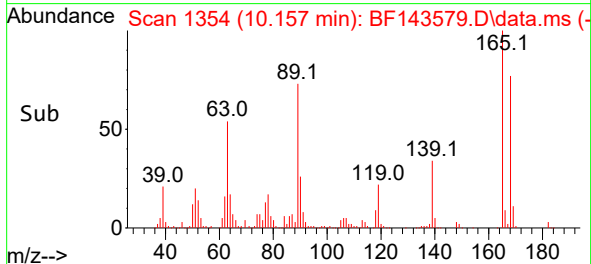
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:165 Resp: 202940
Ion Ratio Lower Upper
165 100
63 54.1 34.9 52.3
89 73.3 53.3 79.9
182 2.8 2.3 3.5

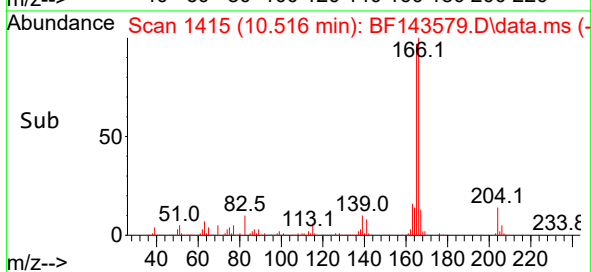
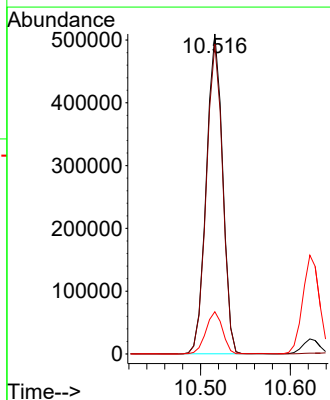
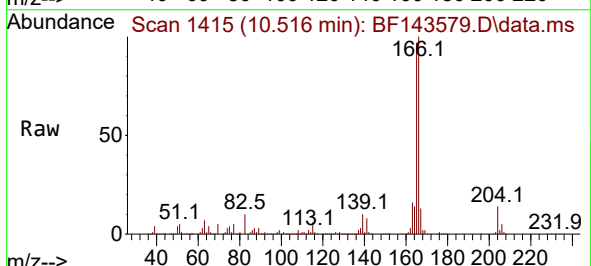
Manual Integrations
APPROVED

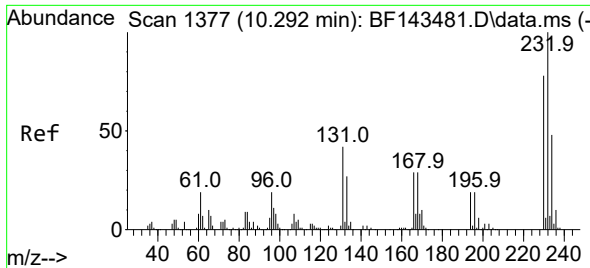
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#58
Fluorene
Concen: 47.120 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

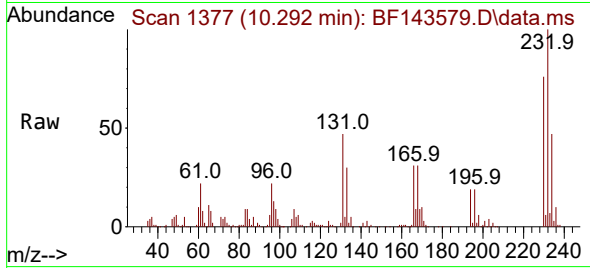
Tgt Ion:166 Resp: 643251
Ion Ratio Lower Upper
166 100
165 96.9 78.3 117.5
167 13.2 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.611 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

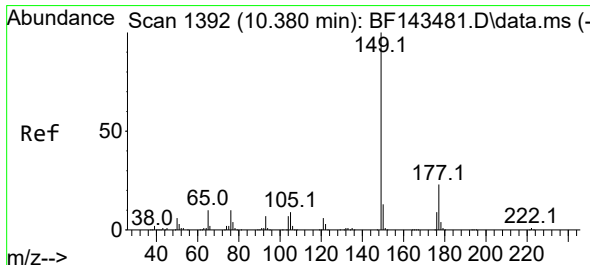
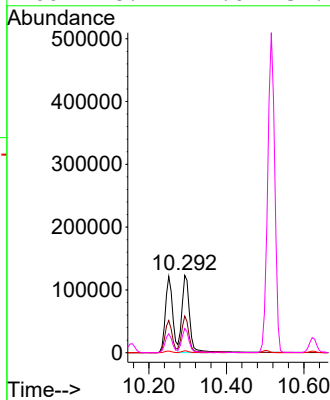
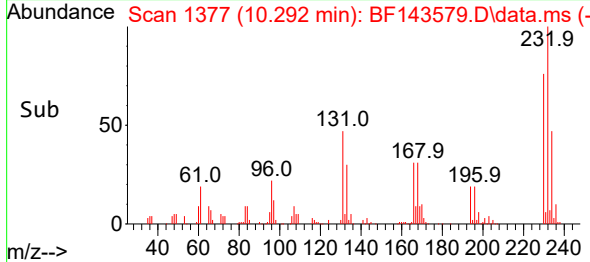
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



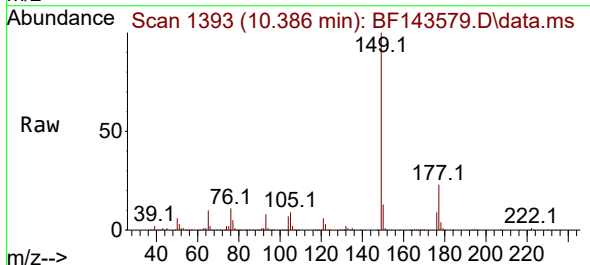
Tgt Ion:232 Resp: 172675
Ion Ratio Lower Upper
232 100
131 45.3 32.7 49.1
130 2.4 1.6 2.4
166 28.1 22.6 34.0

Manual Integrations
APPROVED

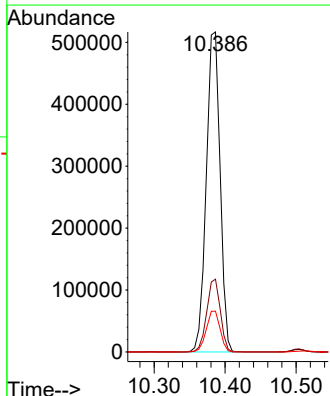
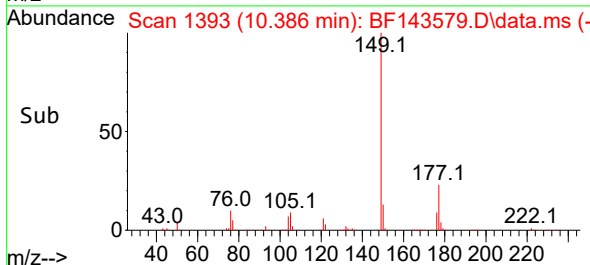
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

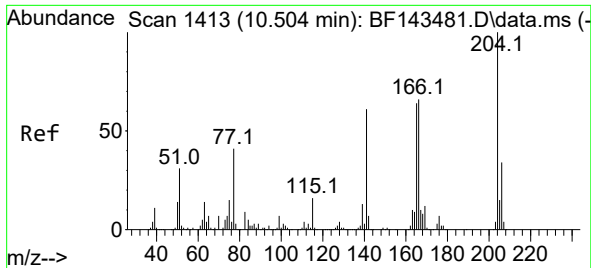


#60
Diethylphthalate
Concen: 56.408 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



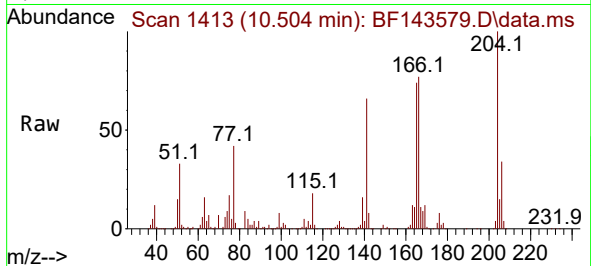
Tgt Ion:149 Resp: 699900
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.8 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 46.386 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

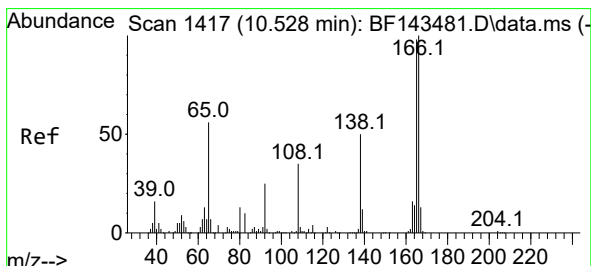
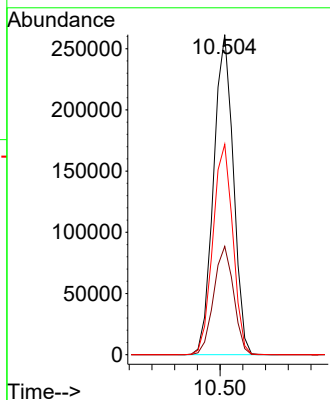
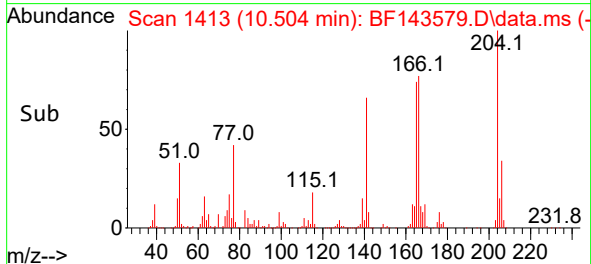
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



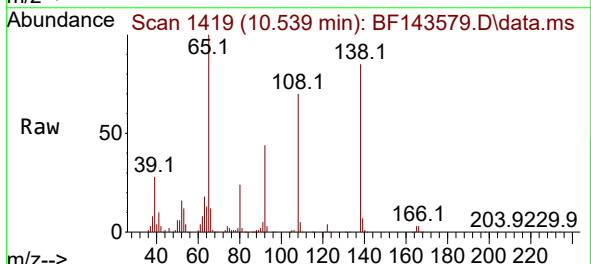
Tgt Ion:204 Resp: 31668
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 65.7 48.7 73.1

Manual Integrations
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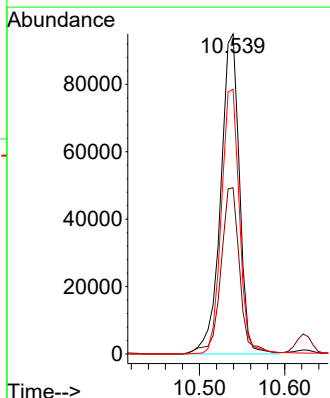
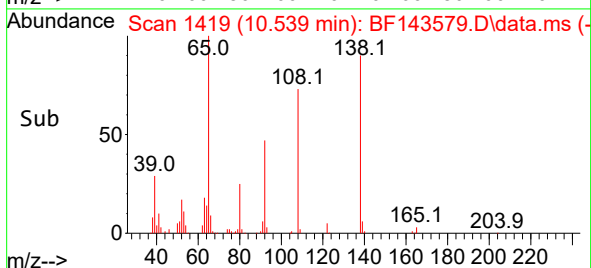
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

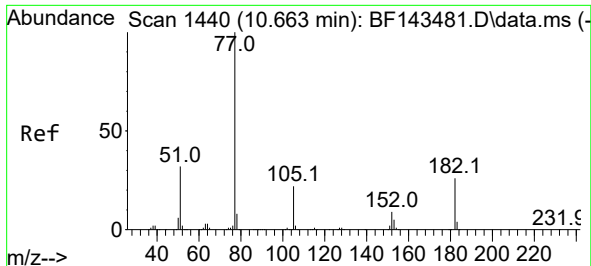


#62
4-Nitroaniline
Concen: 51.052 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



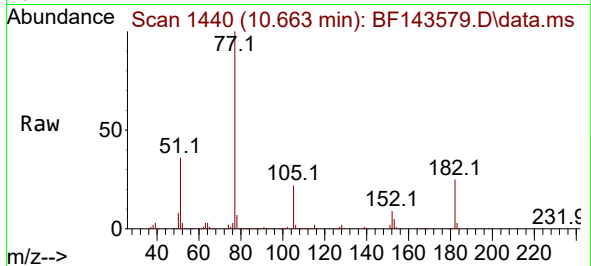
Tgt Ion:138 Resp: 145334
Ion Ratio Lower Upper
138 100
92 52.0 29.3 69.3
108 82.7 50.7 90.7





#63
Azobenzene
Concen: 55.714 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

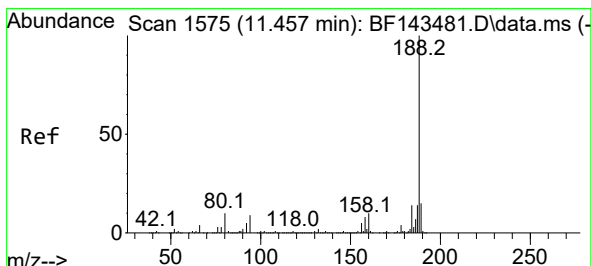
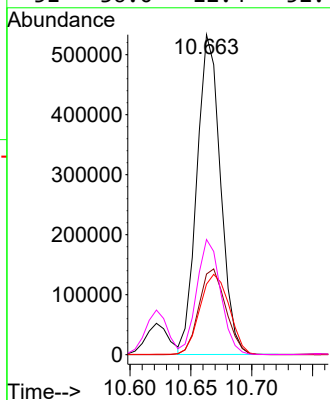
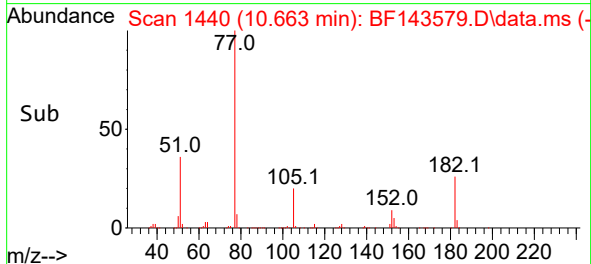
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



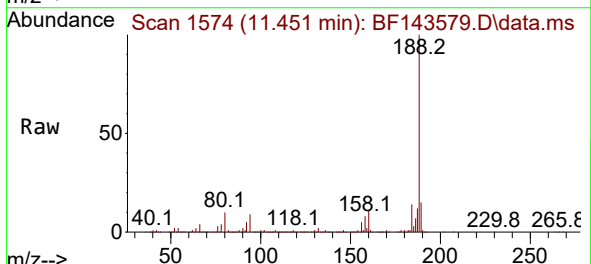
Tgt Ion: 77 Resp: 716785
Ion Ratio Lower Upper
77 100
182 25.2 6.2 46.2
105 22.1 2.2 42.2
51 36.0 12.4 52.4

Manual Integrations
APPROVED

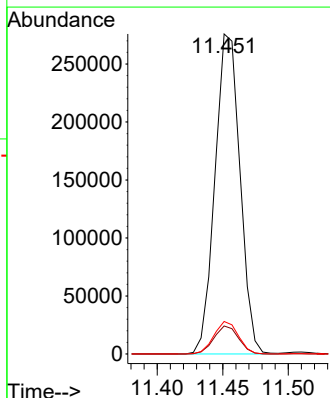
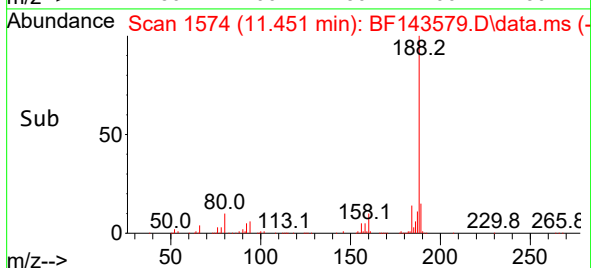
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

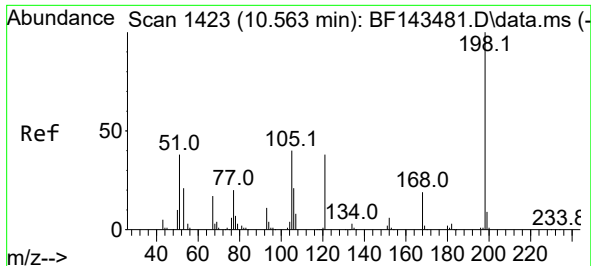


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



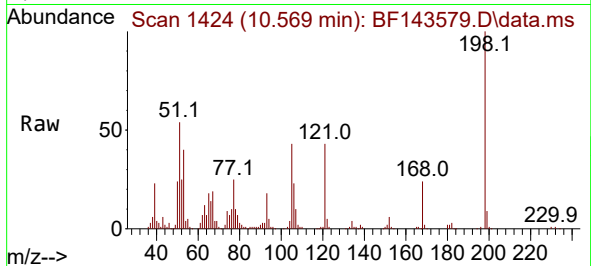
Tgt Ion:188 Resp: 366253
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 10.2 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 47.575 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

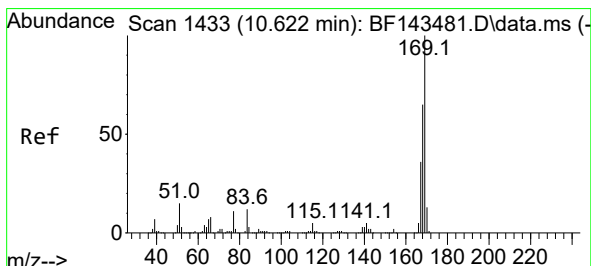
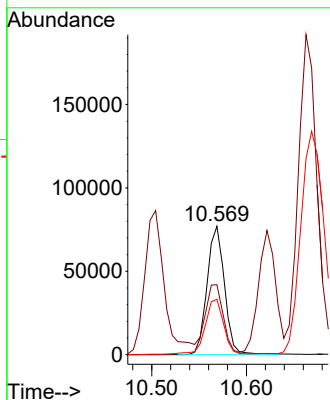
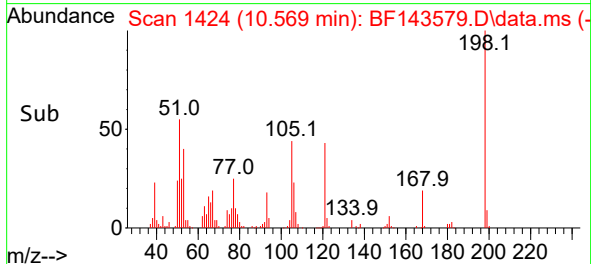
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:198 Resp: 9824
Ion Ratio Lower Upper
198 100
51 54.4 29.6 69.6
105 43.1 21.5 61.5

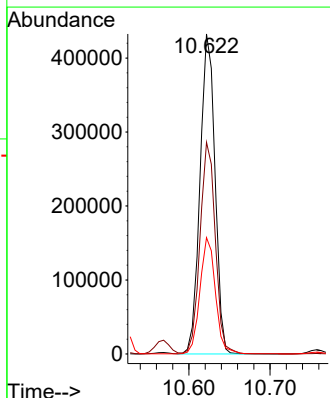
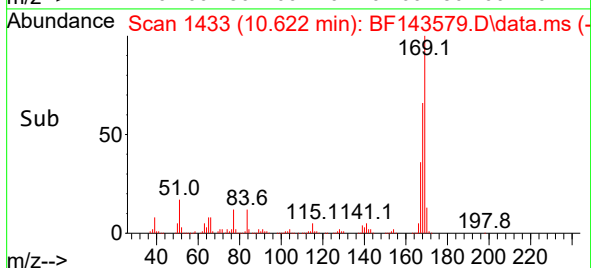
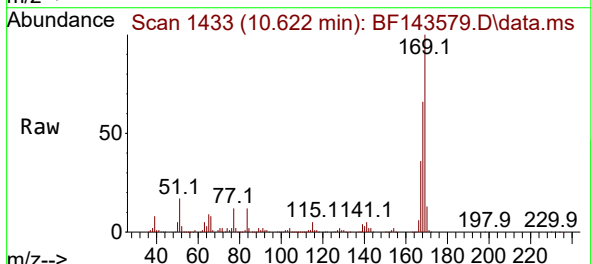
Manual Integrations
APPROVED

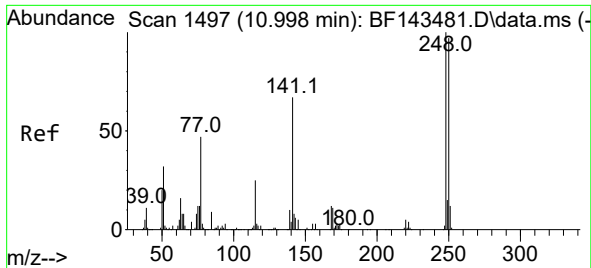
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#66
n-Nitrosodiphenylamine
Concen: 46.921 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

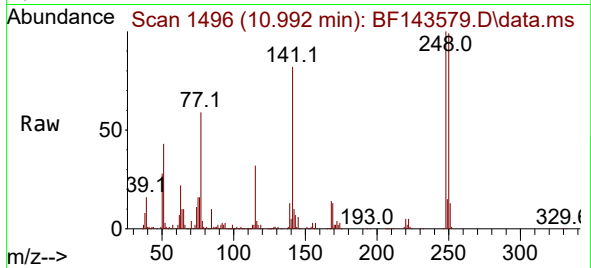
Tgt Ion:169 Resp: 553044
Ion Ratio Lower Upper
169 100
168 66.1 52.4 78.6
167 36.3 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 45.329 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

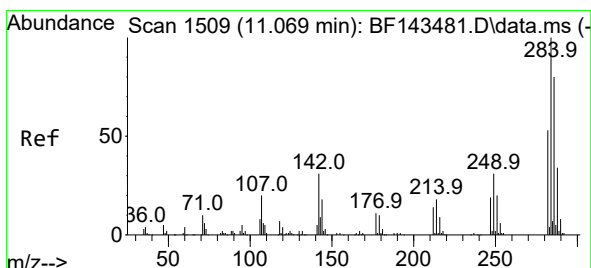
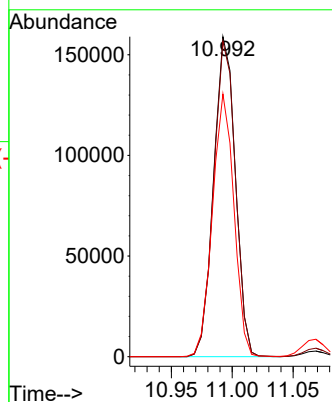
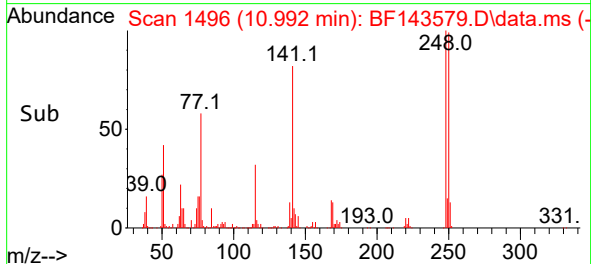
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



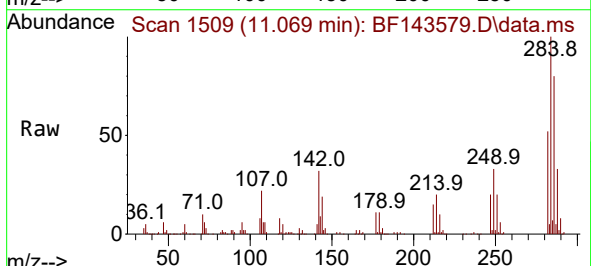
Tgt Ion:248 Resp: 198085
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.8
141 82.1 54.0 81.0

Manual Integrations
APPROVED

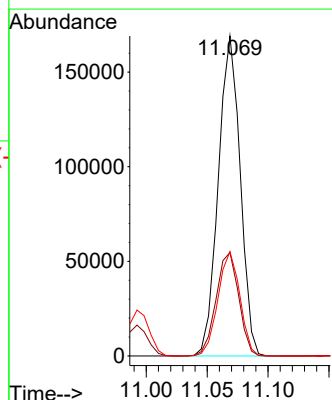
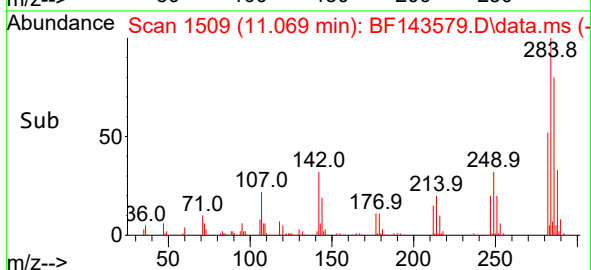
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

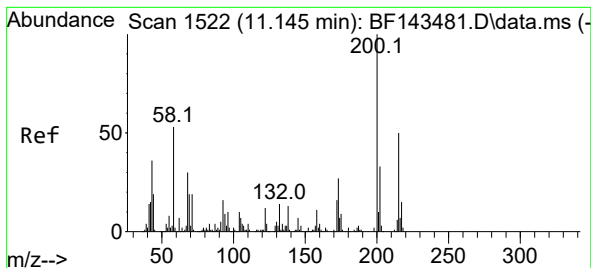


#68
Hexachlorobenzene
Concen: 44.950 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



Tgt Ion:284 Resp: 211737
Ion Ratio Lower Upper
284 100
142 32.4 24.4 36.6
249 32.6 25.0 37.6





#69

Atrazine

Concen: 58.445 ng

RT: 11.151 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF143579.D

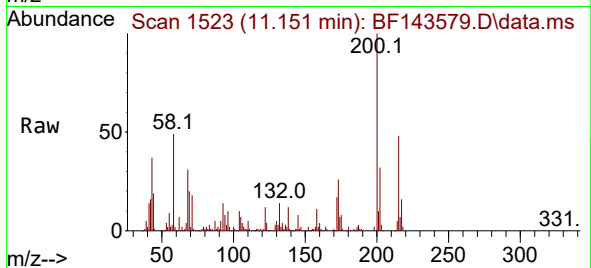
Acq: 22 Aug 2025 18:22

Instrument :

BNA_F

ClientSampleId :

BRIDGE-WESTMSD



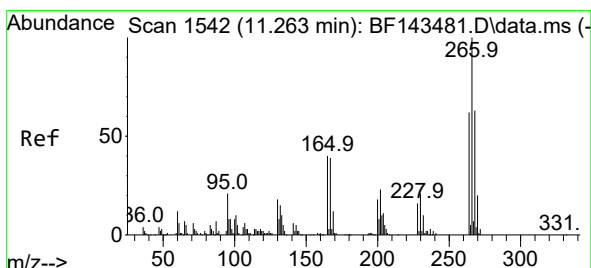
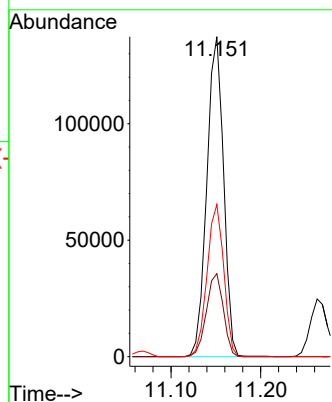
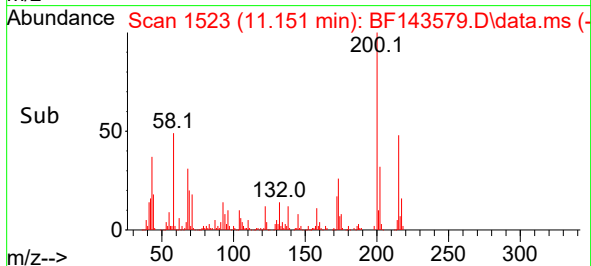
Tgt Ion:	200	Resp:	177824
Ion Ratio	Lower	Upper	
200	100		
173	25.9	6.9	46.9
215	47.5	30.0	70.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#70

Pentachlorophenol

Concen: 91.273 ng

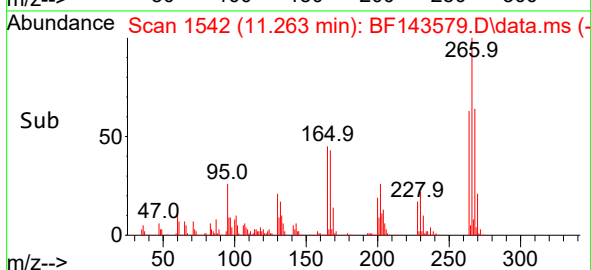
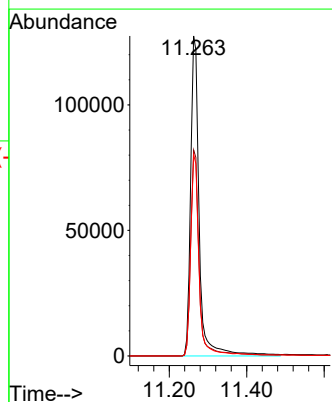
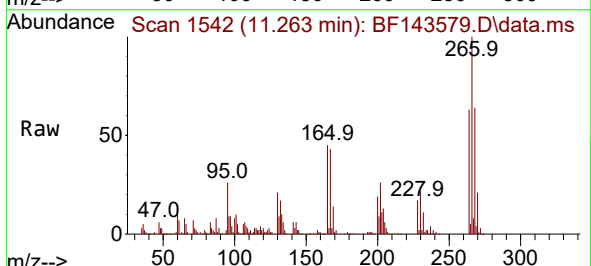
RT: 11.263 min Scan# 1542

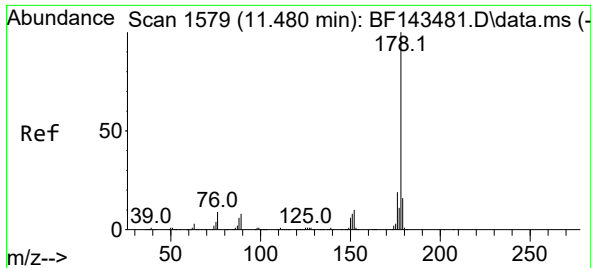
Delta R.T. -0.006 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

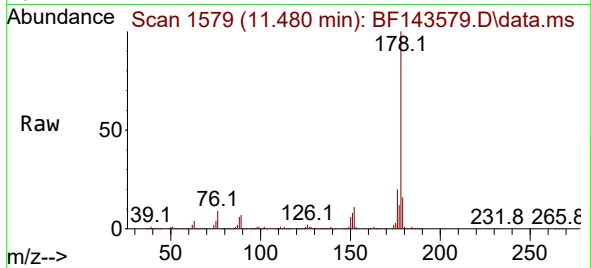
Tgt Ion:	266	Resp:	196906
Ion Ratio	Lower	Upper	
266	100		
268	64.3	50.5	75.7
264	62.9	49.8	74.8





#71
Phenanthrene
Concen: 44.829 ng
RT: 11.480 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

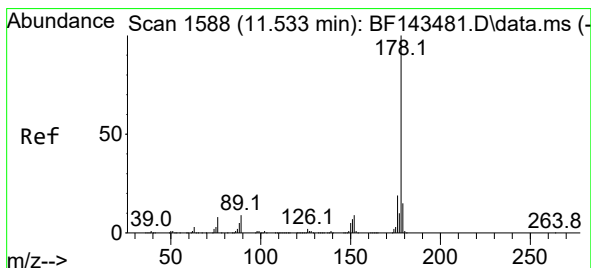
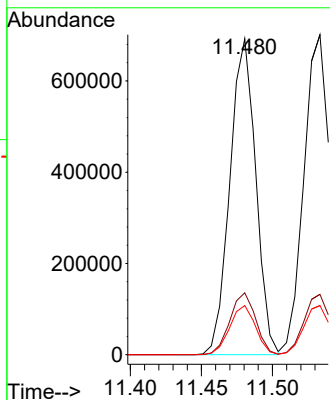
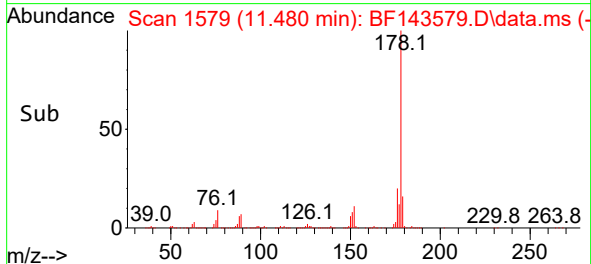
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



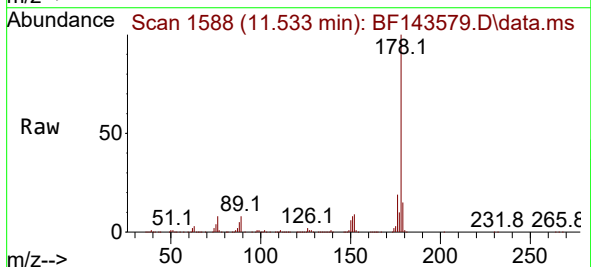
Tgt Ion:178 Resp: 87924
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.5 18.7

Manual Integrations
APPROVED

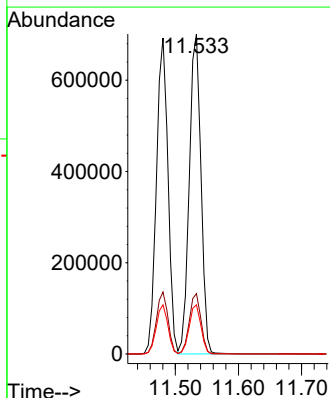
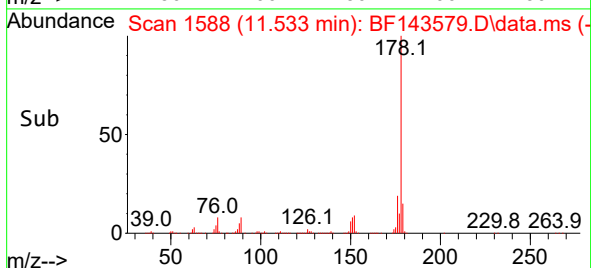
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

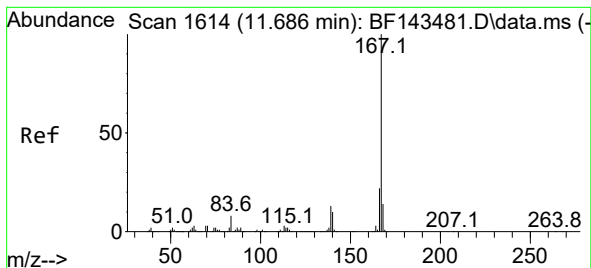


#72
Anthracene
Concen: 45.379 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



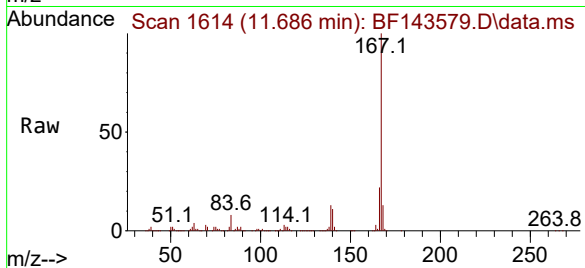
Tgt Ion:178 Resp: 901658
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.4 12.3 18.5





#73
 Carbazole
 Concen: 44.627 ng
 RT: 11.686 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: BF143579.D
 Acq: 22 Aug 2025 18:22

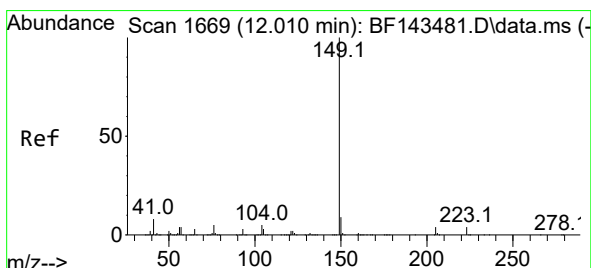
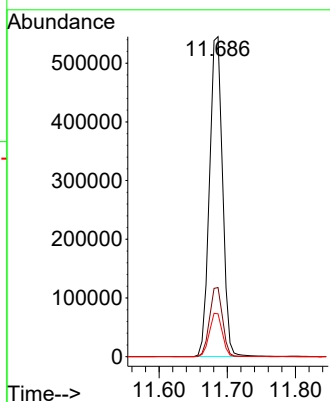
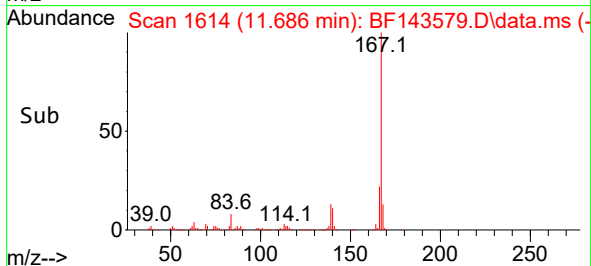
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-WESTMSD



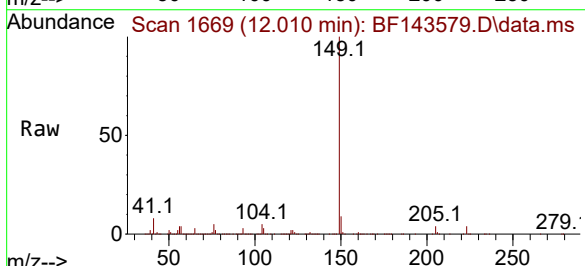
Tgt Ion:167 Resp: 72655
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 13.4 10.0 15.0

Manual Integrations
 APPROVED

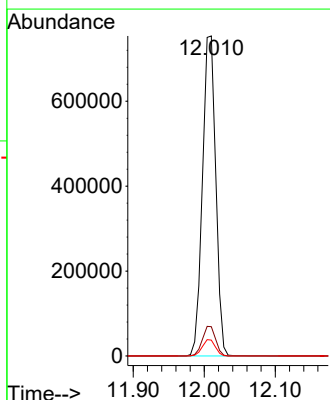
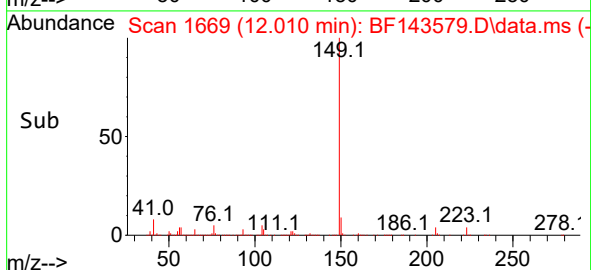
Reviewed By :Rahul Chavli 08/25/2025
 Supervised By :Jagrut Upadhyay 08/25/2025

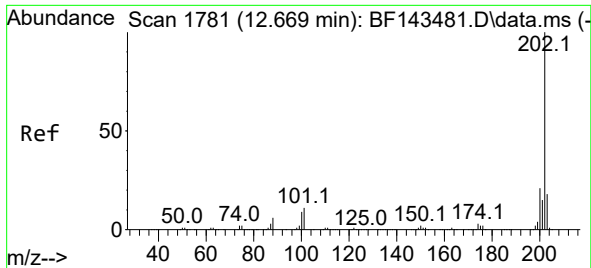


#74
 Di-n-butylphthalate
 Concen: 64.810 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF143579.D
 Acq: 22 Aug 2025 18:22



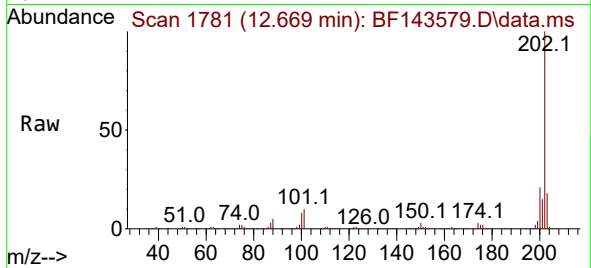
Tgt Ion:149 Resp: 984344
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.9 3.6 5.4





#75
Fluoranthene
Concen: 44.552 ng
RT: 12.669 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

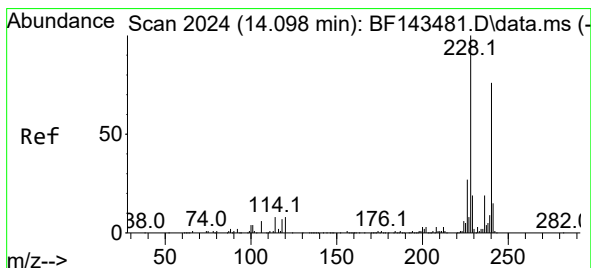
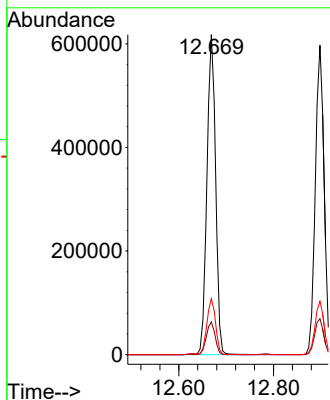
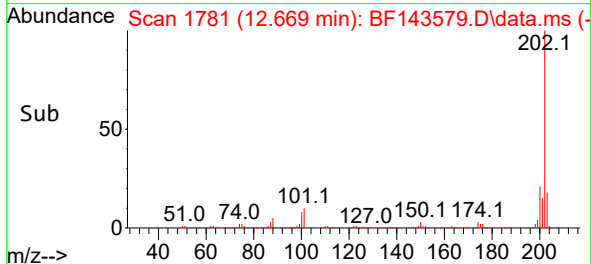
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



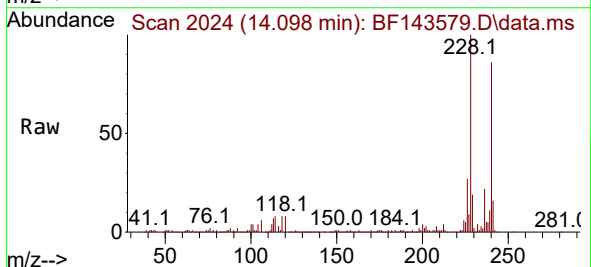
Tgt Ion:202 Resp: 784080
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.3
203 17.5 0.0 37.9

Manual Integrations
APPROVED

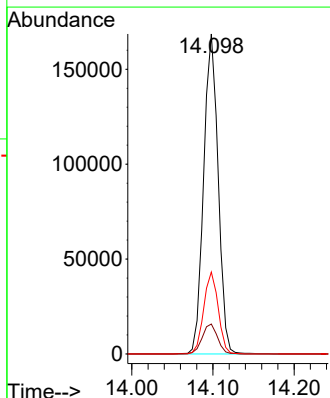
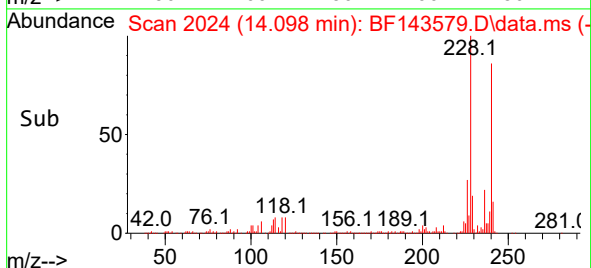
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

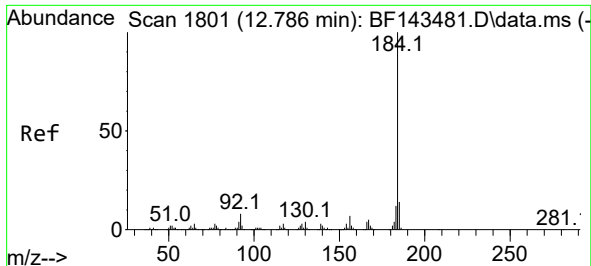


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



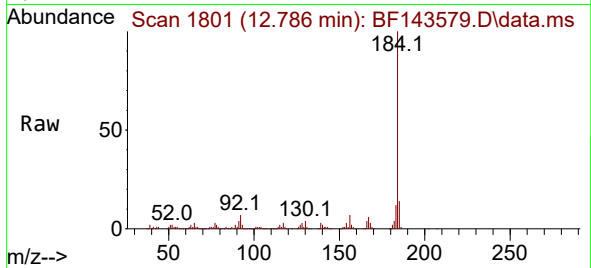
Tgt Ion:240 Resp: 208460
Ion Ratio Lower Upper
240 100
120 9.4 8.6 12.8
236 25.6 20.4 30.6





#77
Benzidine
Concen: 51.864 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

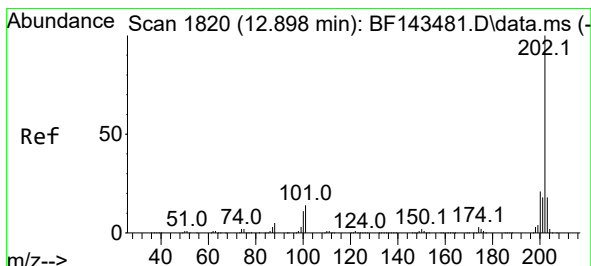
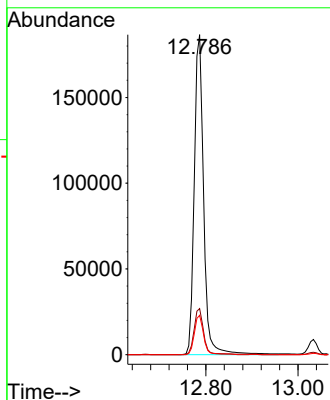
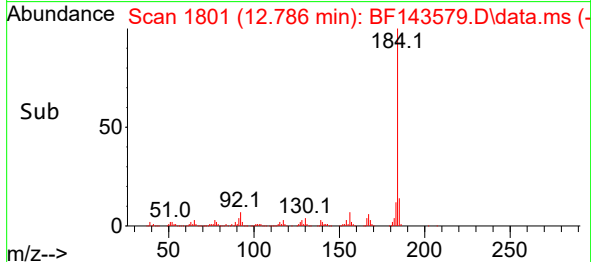
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



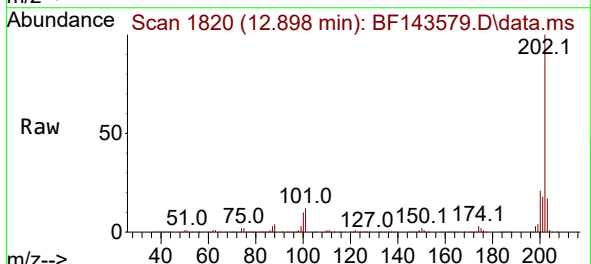
Tgt Ion:184 Resp: 263354
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 12.3 9.5 14.3

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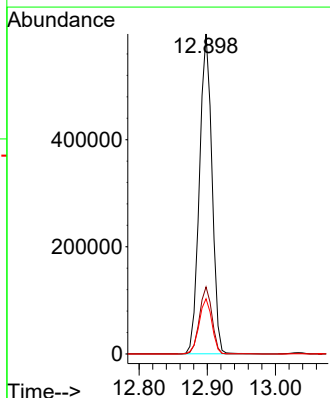
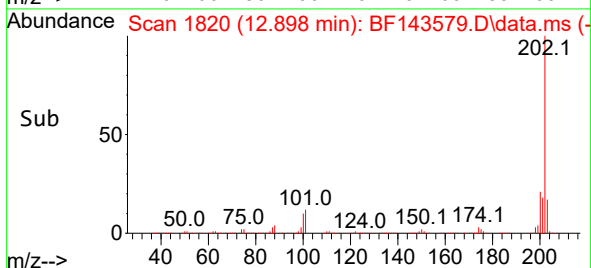
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

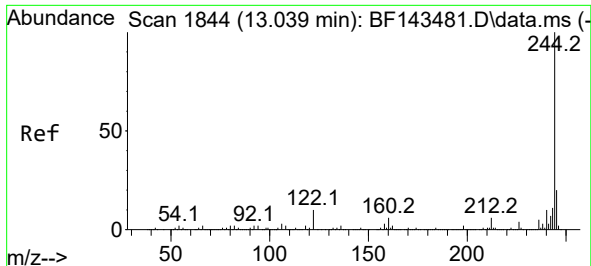


#78
Pyrene
Concen: 44.466 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



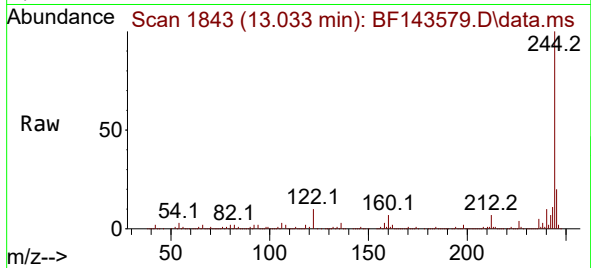
Tgt Ion:202 Resp: 762473
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.3 14.3 21.5





#79
 Terphenyl-d14
 Concen: 69.572 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143579.D
 Acq: 22 Aug 2025 18:22

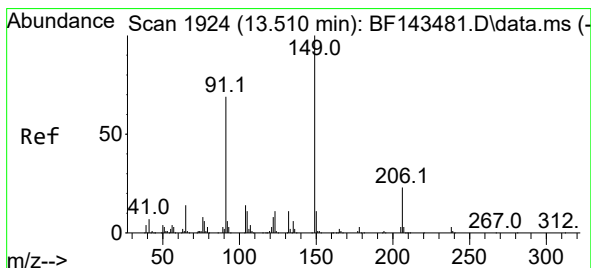
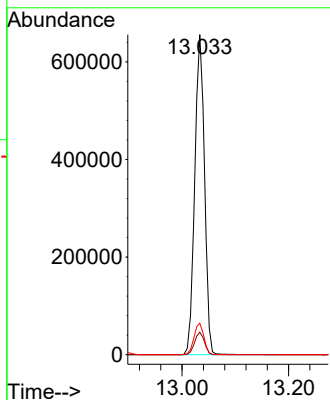
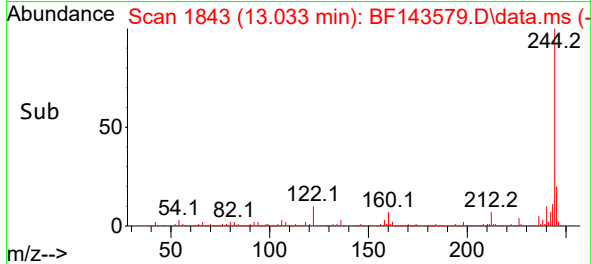
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-WESTMSD



Tgt Ion:244 Resp: 831102
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.2 7.8
 122 9.8 7.9 11.9

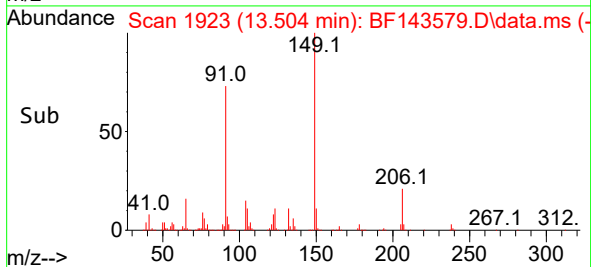
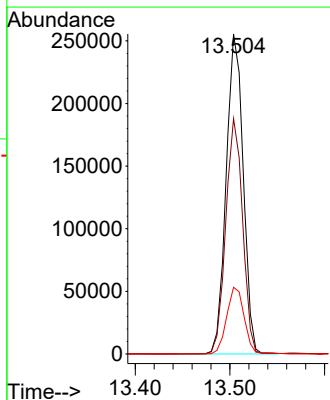
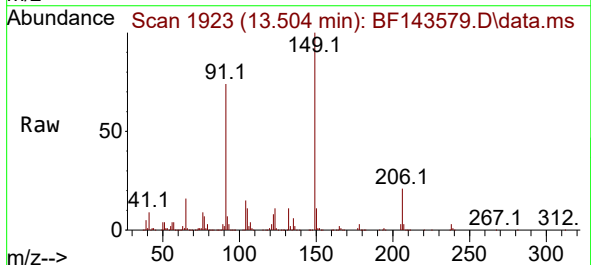
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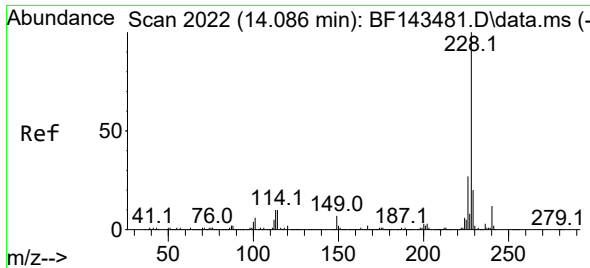
Reviewed By :Rahul Chavli 08/25/2025
 Supervised By :Jagrut Upadhyay 08/25/2025



#80
 Butylbenzylphthalate
 Concen: 68.122 ng
 RT: 13.504 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF143579.D
 Acq: 22 Aug 2025 18:22

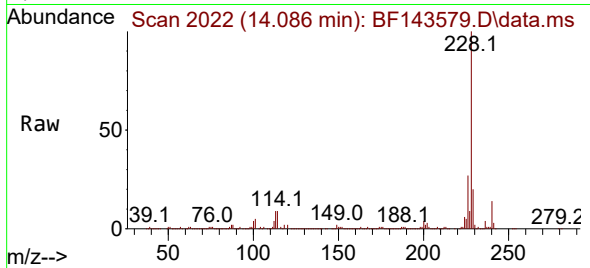
Tgt Ion:149 Resp: 319109
 Ion Ratio Lower Upper
 149 100
 91 73.5 55.3 82.9
 206 20.9 18.2 27.4





#81
Benzo(a)anthracene
Concen: 46.284 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

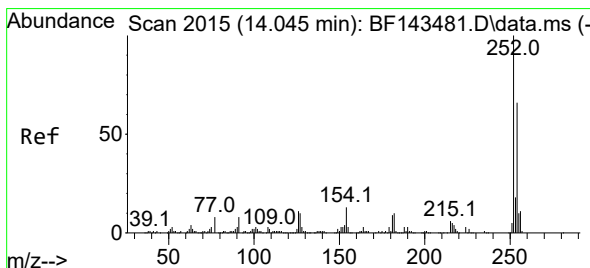
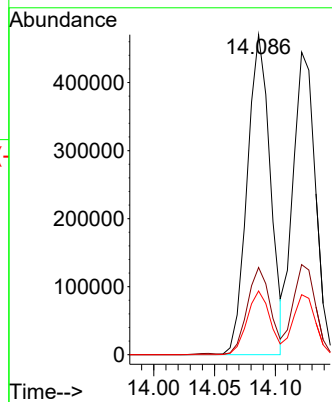
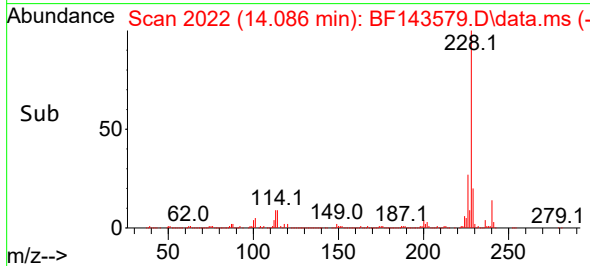
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:228 Resp: 621160
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.9 15.7 23.5

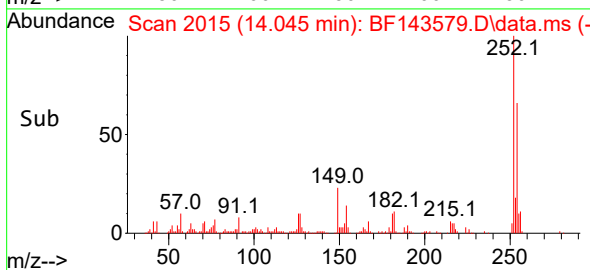
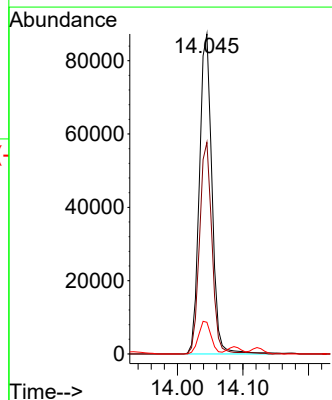
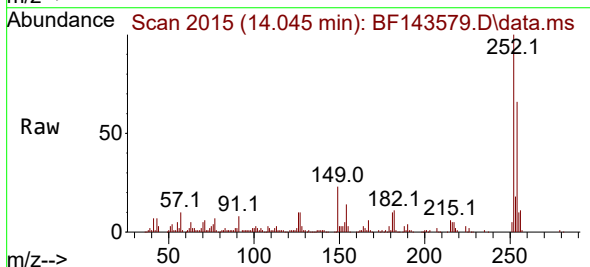
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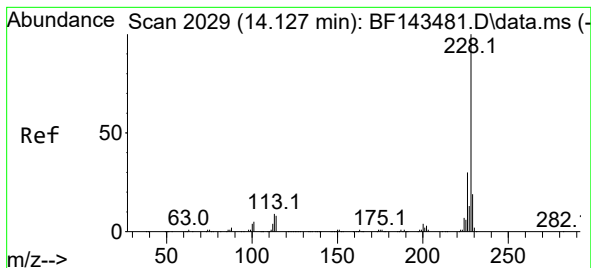
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#82
3,3'-Dichlorobenzidine
Concen: 30.327 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

Tgt Ion:252 Resp: 116559
Ion Ratio Lower Upper
252 100
254 66.1 52.6 79.0
126 9.9 8.7 13.1





#83

Chrysene

Concen: 47.387 ng

RT: 14.121 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

Instrument :

BNA_F

ClientSampleId :

BRIDGE-WESTMSD

Tgt Ion:228 Resp: 57152

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

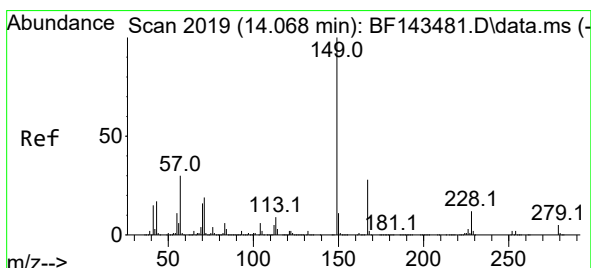
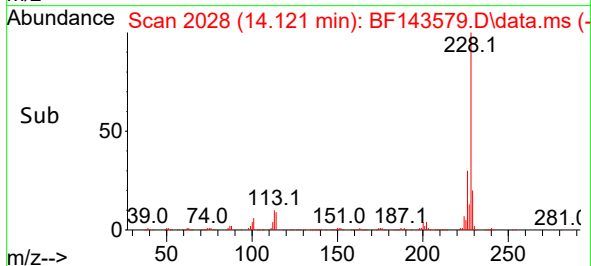
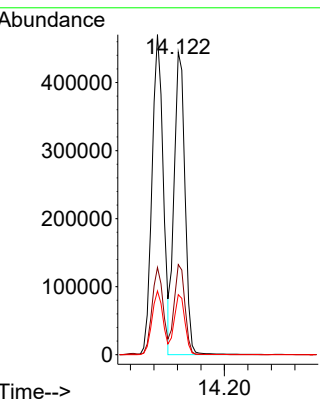
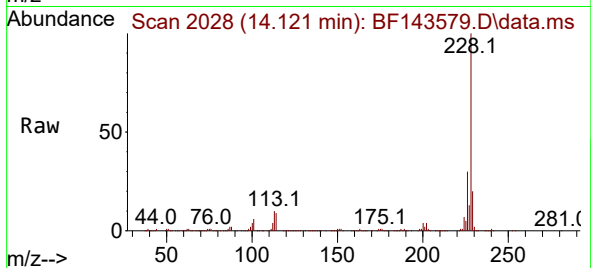
229 19.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.971 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

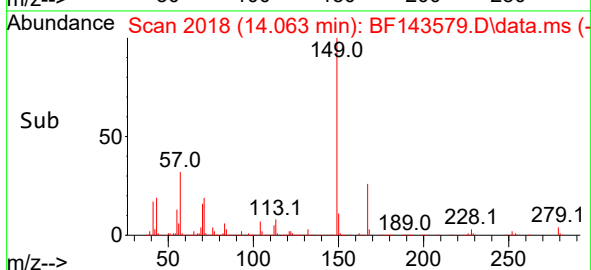
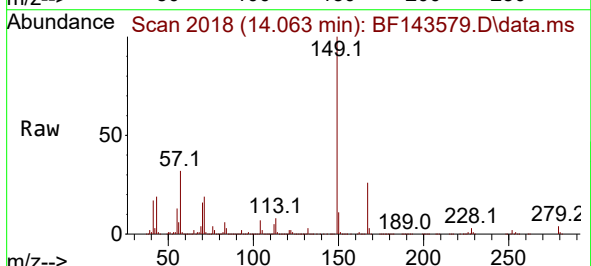
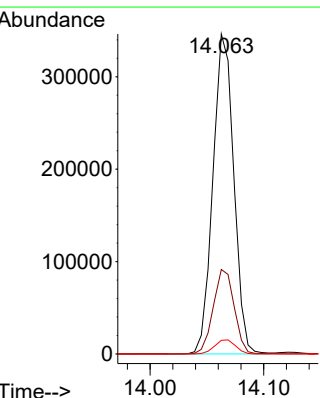
Tgt Ion:149 Resp: 442139

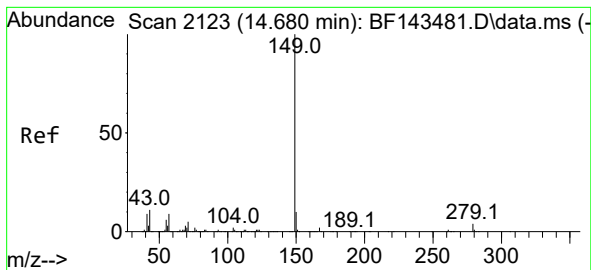
Ion Ratio Lower Upper

149 100

167 26.4 22.2 33.2

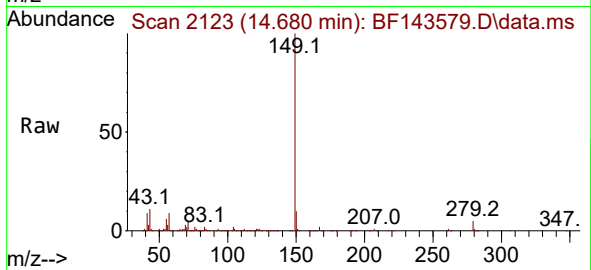
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 50.356 ng
RT: 14.680 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

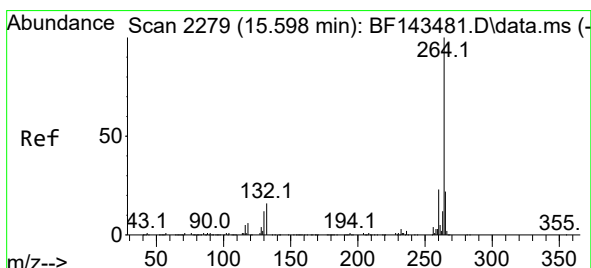
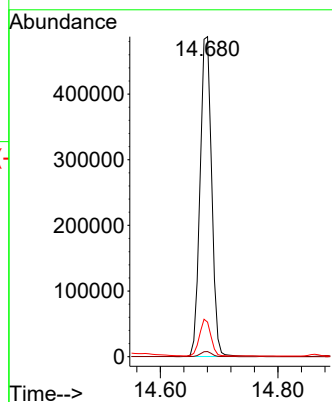
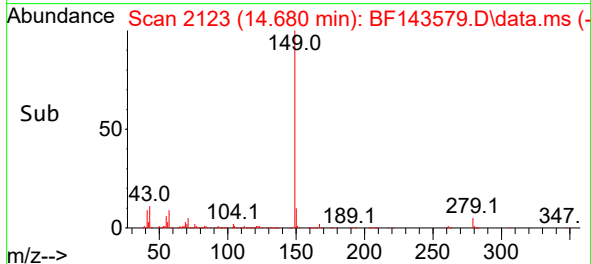
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



Tgt Ion:149 Resp: 66555
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.2 8.5 12.7

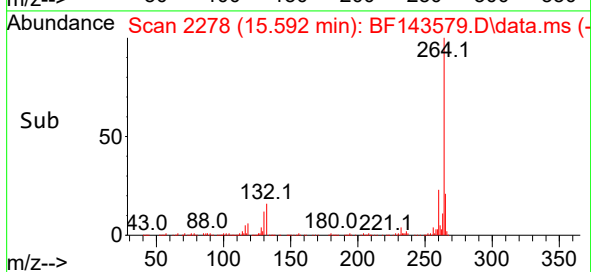
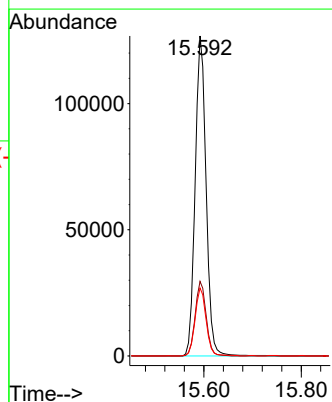
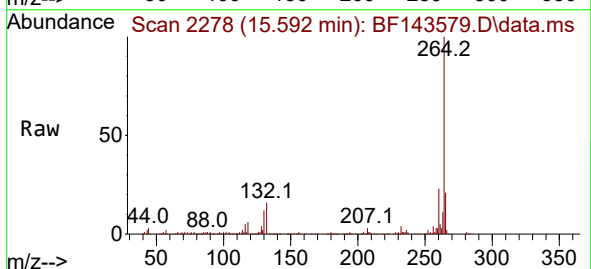
Manual Integrations
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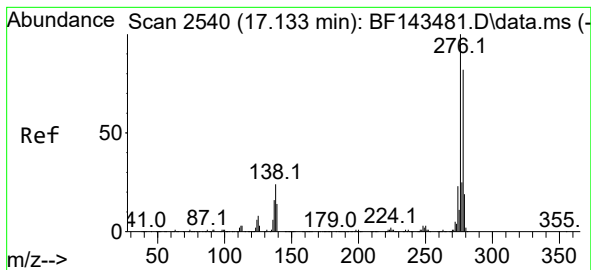
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

Tgt Ion:264 Resp: 198742
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.3 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.790 ng

RT: 17.127 min Scan# 2540

Delta R.T. -0.012 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

Instrument :

BNA_F

ClientSampleId :

BRIDGE-WESTMSD

Tgt Ion:276 Resp: 525418

Ion Ratio Lower Upper

276 100

138 22.8 19.2 28.8

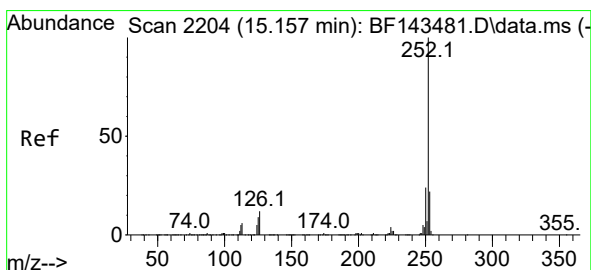
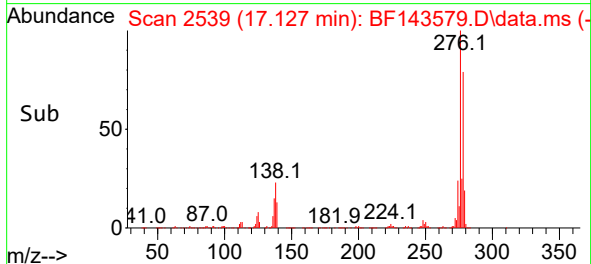
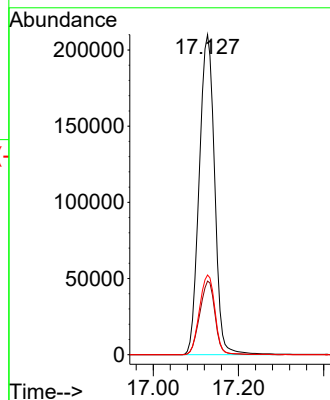
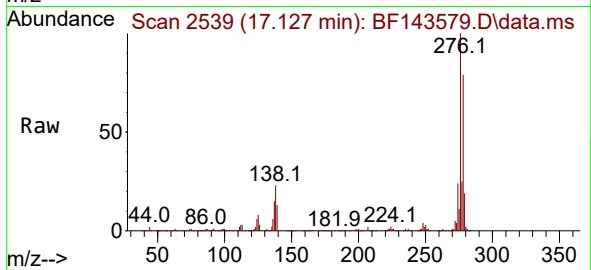
277 25.1 20.3 30.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#88

Benzo(b)fluoranthene

Concen: 51.919 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

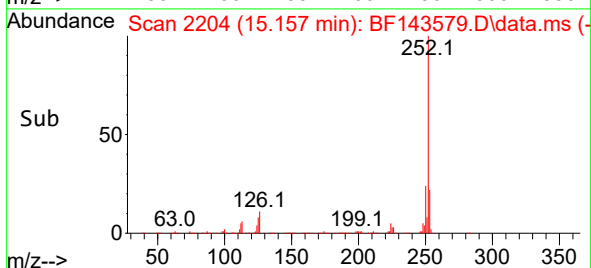
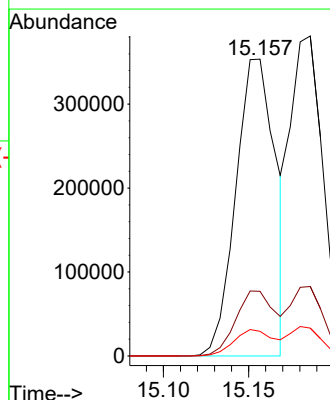
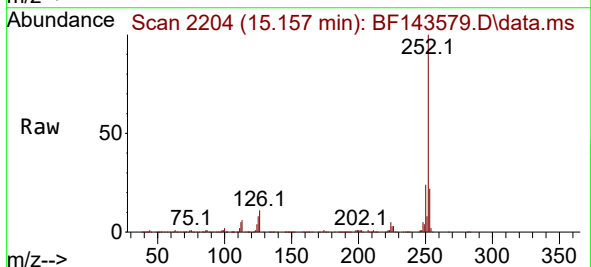
Tgt Ion:252 Resp: 573567

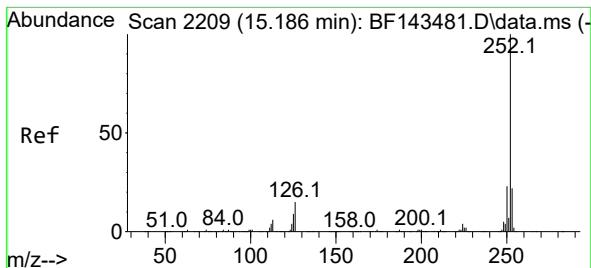
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 48.918 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

Instrument :

BNA_F

ClientSampleId :

BRIDGE-WESTMSD

Tgt Ion:252 Resp: 517420

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

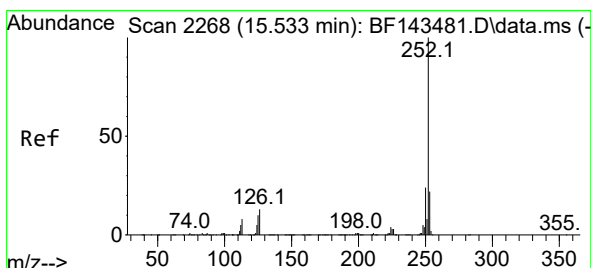
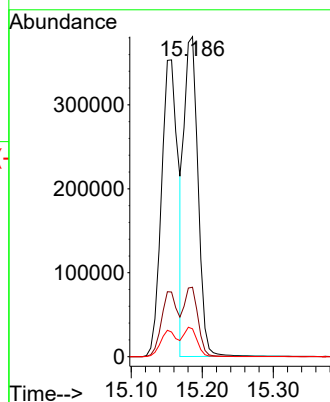
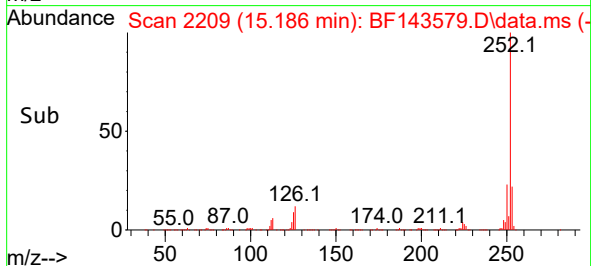
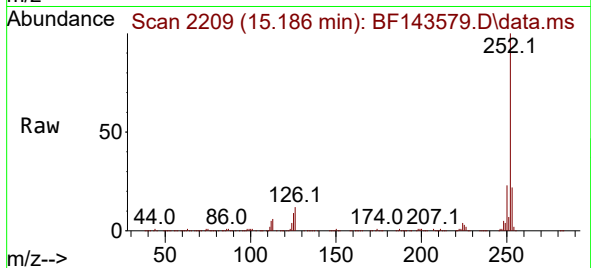
125 8.7 7.4 11.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#90

Benzo(a)pyrene

Concen: 50.787 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143579.D

Acq: 22 Aug 2025 18:22

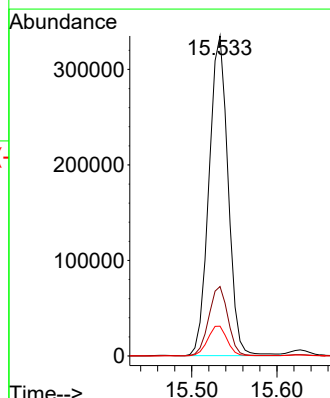
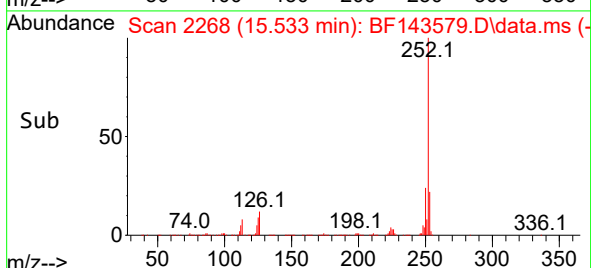
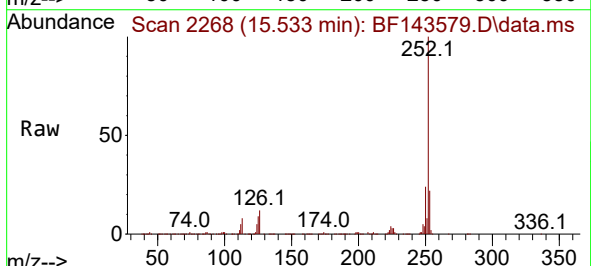
Tgt Ion:252 Resp: 520783

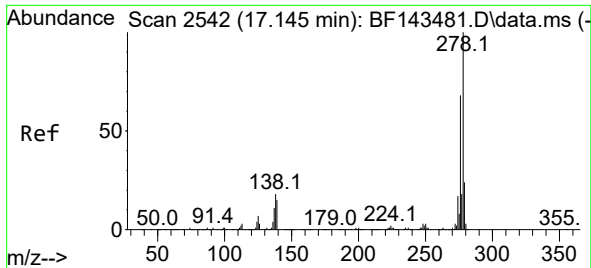
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

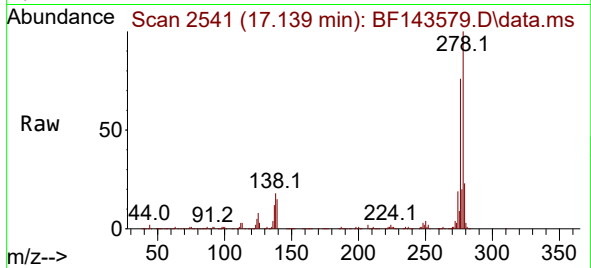
125 9.3 8.2 12.2





#91
Dibenzo(a,h)anthracene
Concen: 37.457 ng
RT: 17.139 min Scan# 2541
Delta R.T. -0.018 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22

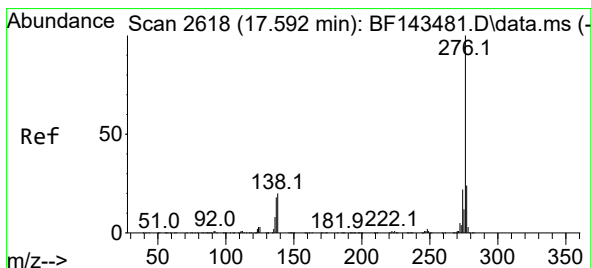
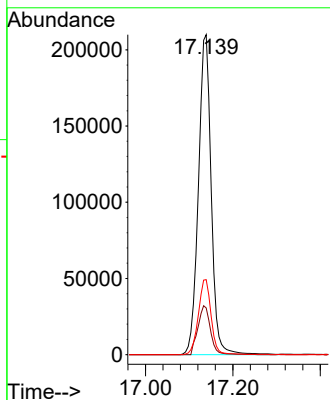
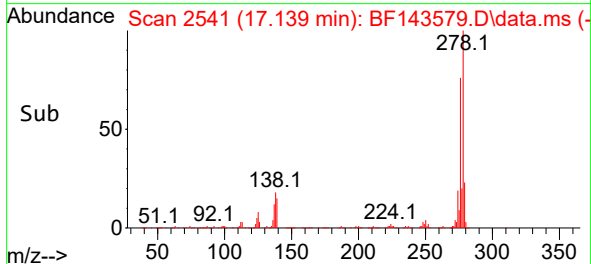
Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD



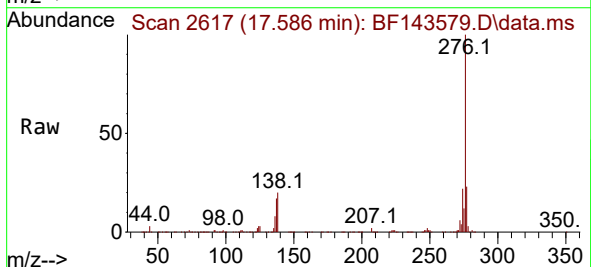
Tgt Ion:278 Resp: 428430
Ion Ratio Lower Upper
278 100
139 14.6 12.1 18.1
279 23.5 19.2 28.8

Manual Integrations
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Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#92
Benzo(g,h,i)perylene
Concen: 34.776 ng
RT: 17.586 min Scan# 2617
Delta R.T. -0.018 min
Lab File: BF143579.D
Acq: 22 Aug 2025 18:22



Tgt Ion:276 Resp: 395515
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 19.7 16.3 24.5

