

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143897.D
 Acq On : 08 Oct 2025 16:09
 Operator : RC/JU
 Sample : Q3303-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL-WESTMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/09/2025
 Supervised By :Jagrut Upadhyay 10/09/2025

Quant Time: Oct 08 16:30:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	104977	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	414079	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	230955	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	411834	20.000	ng	0.00
76) Chrysene-d12	14.063	240	249185	20.000	ng	0.00
86) Perylene-d12	15.539	264	296275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	586227	88.679	ng	0.00
7) Phenol-d6	6.504	99	726044	92.142	ng	-0.01
23) Nitrobenzene-d5	7.439	82	409871	60.137	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	210519	91.516	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	777296	53.403	ng	-0.01
79) Terphenyl-d14	13.004	244	907922	62.271	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	142615	46.620	ng	99
3) Pyridine	3.440	79	406085	45.600	ng	99
4) n-Nitrosodimethylamine	3.393	42	251160	53.612	ng	99
6) Aniline	6.545	93	439695	37.238	ng	99
8) 2-Chlorophenol	6.663	128	330312	51.117	ng	98
9) Benzaldehyde	6.434	77	200501	32.986	ng	99
10) Phenol	6.516	94	491177	52.140	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	360197	49.498	ng	98
12) 1,3-Dichlorobenzene	6.822	146	389590	50.367	ng	99
13) 1,4-Dichlorobenzene	6.898	146	387346	50.766	ng	99
14) 1,2-Dichlorobenzene	7.051	146	375725	51.411	ng	100
15) Benzyl Alcohol	7.022	79	317661	53.805	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	842961	50.891	ng	100
17) 2-Methylphenol	7.128	107	270788	50.706	ng	98
18) Hexachloroethane	7.398	117	129059	50.719	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	263410	48.837	ng	99
20) 3+4-Methylphenols	7.281	107	312761	50.531	ng	# 88
22) Acetophenone	7.292	105	462199	52.790	ng	98
24) Nitrobenzene	7.463	77	388361	51.311	ng	98
25) Isophorone	7.704	82	710657	49.451	ng	99
26) 2-Nitrophenol	7.781	139	183382	56.513	ng	98
27) 2,4-Dimethylphenol	7.810	122	327606	56.123	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	442496	48.744	ng	99
29) 2,4-Dichlorophenol	8.016	162	299378	49.237	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	306837	51.312	ng	99
31) Naphthalene	8.186	128	915469	48.602	ng	99
32) Benzoic acid	7.928	122	248384	61.484	ng	96
33) 4-Chloroaniline	8.234	127	158601	22.450	ng	98
34) Hexachlorobutadiene	8.304	225	199956	48.120	ng	98
35) Caprolactam	8.598	113	108060m	55.895	ng	
36) 4-Chloro-3-methylphenol	8.710	107	296553	50.775	ng	99
37) 2-Methylnaphthalene	8.881	142	565794	45.093	ng	99
38) 1-Methylnaphthalene	8.981	142	570133	46.846	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	328286	51.429	ng	97
41) Hexachlorocyclopentadiene	9.033	237	324817	122.658	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	237523	50.927	ng	95

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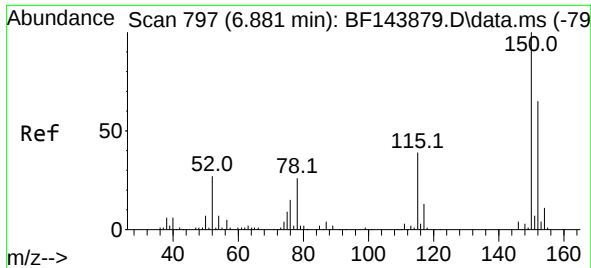
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	246975	50.109	ng	98
46) 1,1'-Biphenyl	9.345	154	802287	52.467	ng	99
47) 2-Chloronaphthalene	9.369	162	619852	48.619	ng	98
48) 2-Nitroaniline	9.463	65	223250	55.387	ng	98
49) Acenaphthylene	9.786	152	986871	55.060	ng	99
50) Dimethylphthalate	9.645	163	742221	50.606	ng	100
51) 2,6-Dinitrotoluene	9.704	165	161271	59.299	ng	99
52) Acenaphthene	9.957	154	605597	51.564	ng	99
53) 3-Nitroaniline	9.875	138	123200	36.996	ng	99
54) 2,4-Dinitrophenol	9.980	184	151792	89.574	ng	96
55) Dibenzofuran	10.133	168	823986	49.701	ng	99
56) 4-Nitrophenol	10.033	139	279884	111.003	ng	97
57) 2,4-Dinitrotoluene	10.110	165	223089	60.287	ng	99
58) Fluorene	10.475	166	623639	49.852	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	187732	53.808	ng	99
60) Diethylphthalate	10.345	149	694553	50.975	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	316810	47.901	ng	96
62) 4-Nitroaniline	10.492	138	178740	55.817	ng	98
63) Azobenzene	10.628	77	804430	56.489	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	116089	56.093	ng	96
66) n-Nitrosodiphenylamine	10.586	169	635321	49.131	ng	97
67) 4-Bromophenyl-phenylether	10.957	248	215388	47.323	ng	98
68) Hexachlorobenzene	11.022	284	252307	47.883	ng	98
69) Atrazine	11.110	200	210679	53.753	ng	99
70) Pentachlorophenol	11.216	266	303883	100.416	ng	98
71) Phenanthrene	11.439	178	980285	49.098	ng	99
72) Anthracene	11.492	178	1014637	50.304	ng	100
73) Carbazole	11.645	167	920583	51.533	ng	99
74) Di-n-butylphthalate	11.974	149	1108092	53.521	ng	100
75) Fluoranthene	12.633	202	1098785	53.279	ng	98
77) Benzidine	12.751	184	499277	57.704	ng	98
78) Pyrene	12.863	202	1081251	52.048	ng	99
80) Butylbenzylphthalate	13.480	149	422920	62.685	ng	98
81) Benzo(a)anthracene	14.051	228	845739	51.864	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	150568	30.299	ng	97
83) Chrysene	14.092	228	817672	54.178	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	499120	61.370	ng	100
85) Di-n-octyl phthalate	14.657	149	832020	62.287	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	942712	51.928	ng	99
88) Benzo(b)fluoranthene	15.110	252	807663	47.457	ng	99
89) Benzo(k)fluoranthene	15.139	252	834181	52.971	ng	98
90) Benzo(a)pyrene	15.480	252	806435	54.647	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	741799	50.806	ng	98
92) Benzo(g,h,i)perylene	17.498	276	723686	49.565	ng	99

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



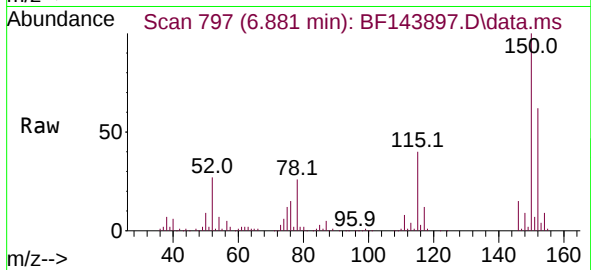
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143897.D
 Acq: 08 Oct 2025 16:09

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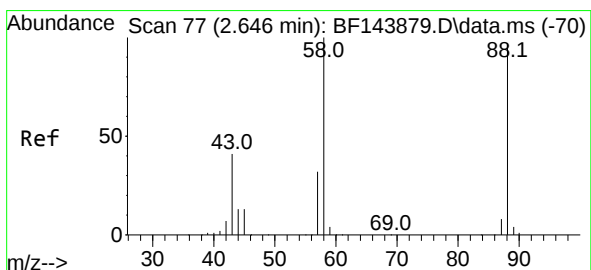
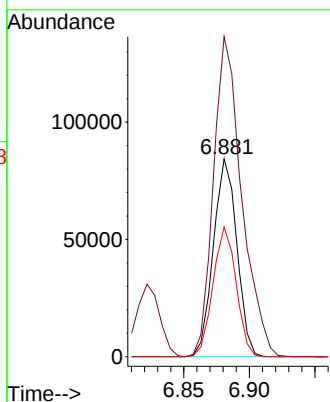
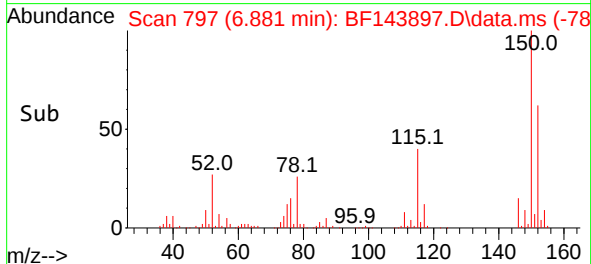
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 Ion Ratio Lower Upper
 152 100
 150 161.7 124.4 186.6
 115 65.4 48.1 72.1

Manual Integrations

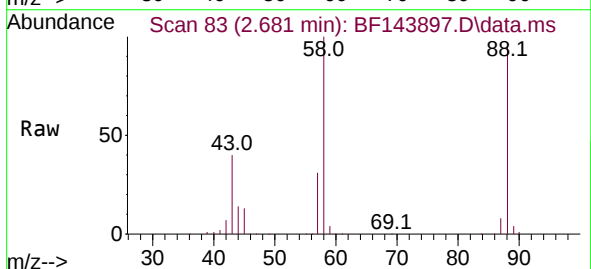
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Reviewed By :Rahul Chavli 10/09/2025

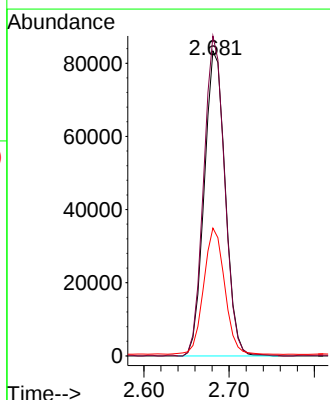
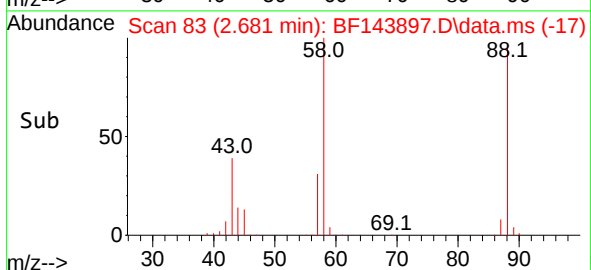
Supervised By :Jagrut Upadhyay 10/09/2025

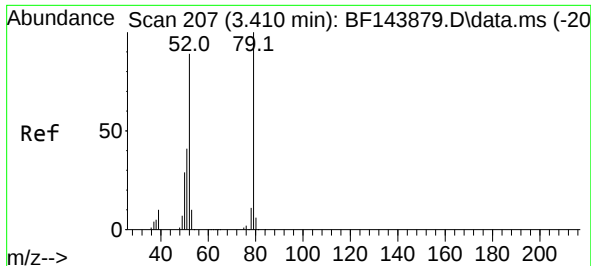


#2
 1,4-Dioxane
 Concen: 46.620 ng
 RT: 2.681 min Scan# 83
 Delta R.T. 0.035 min
 Lab File: BF143897.D
 Acq: 08 Oct 2025 16:09



Tgt Ion: 88 Resp: 142615
 Ion Ratio Lower Upper
 88 100
 58 104.5 83.0 124.6
 43 41.3 33.9 50.9





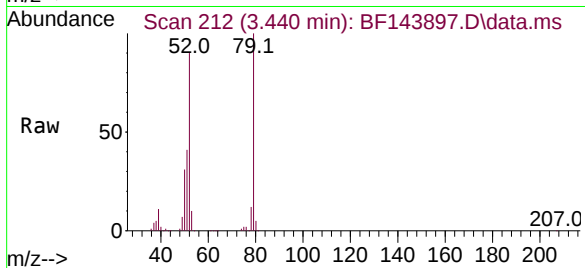
#3
Pyridine
Concen: 45.600 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

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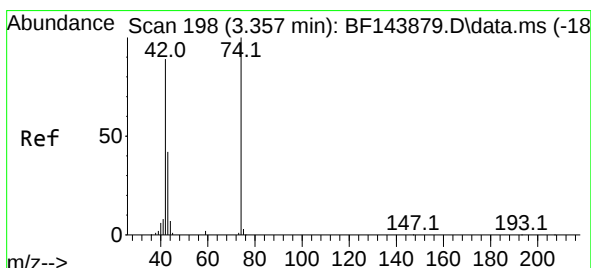
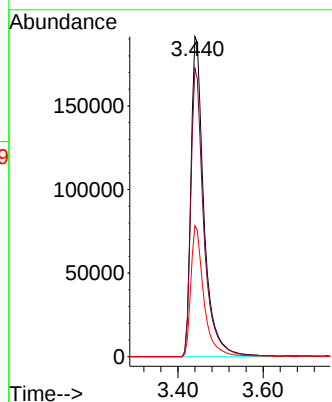
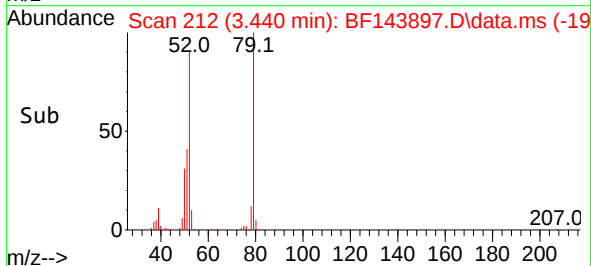
Tgt Ion: 79 Resp: 406085
Ion Ratio Lower Upper
79 100
52 90.1 71.5 107.3
51 40.9 32.9 49.3

Manual Integrations

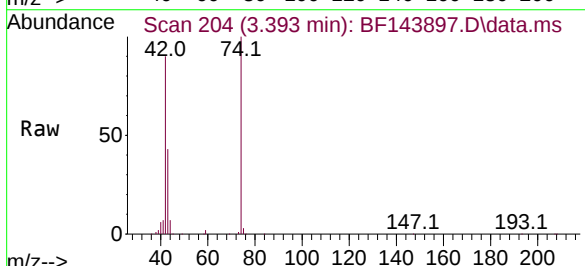
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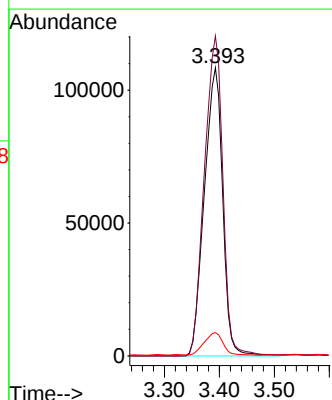
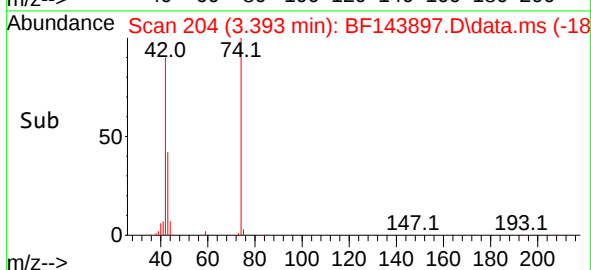
Supervised By :Jagrut Upadhyay 10/09/2025

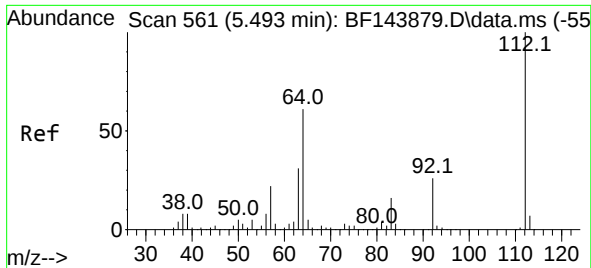


#4
n-Nitrosodimethylamine
Concen: 53.612 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



Tgt Ion: 42 Resp: 251160
Ion Ratio Lower Upper
42 100
74 111.1 90.0 135.0
44 8.1 6.2 9.2





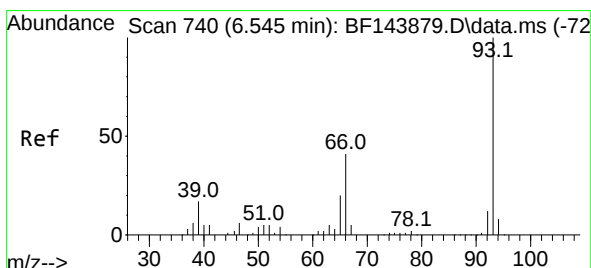
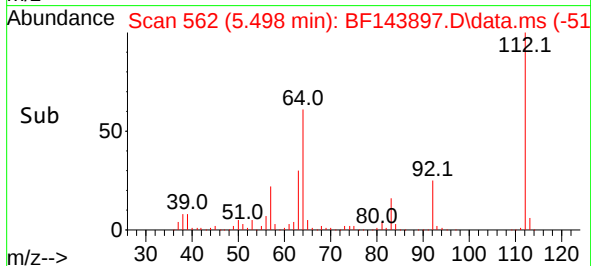
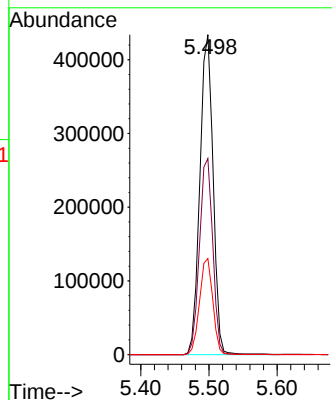
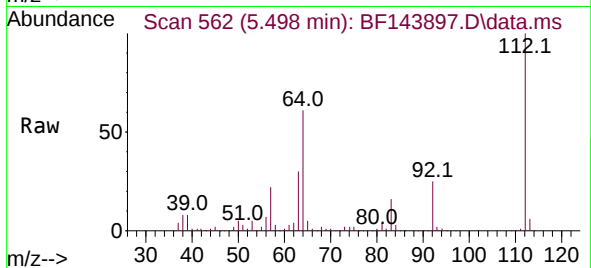
#5
2-Fluorophenol
Concen: 88.679 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 586227
Ion Ratio Lower Upper
112 100
64 61.3 49.1 73.7
63 30.0 24.5 36.7

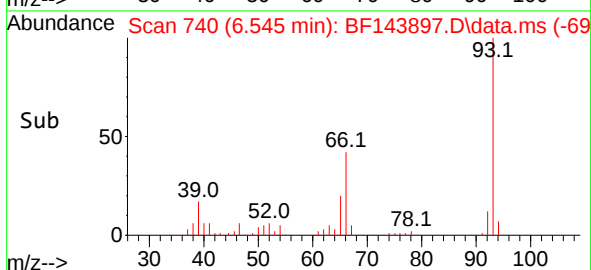
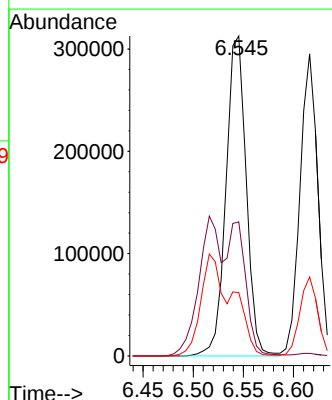
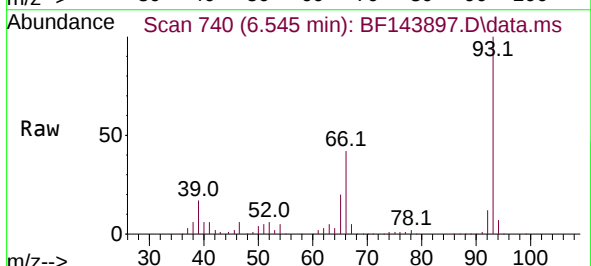
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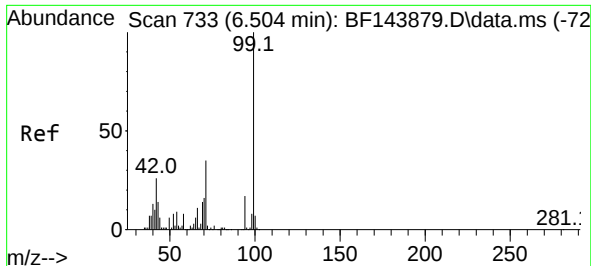
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#6
Aniline
Concen: 37.238 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

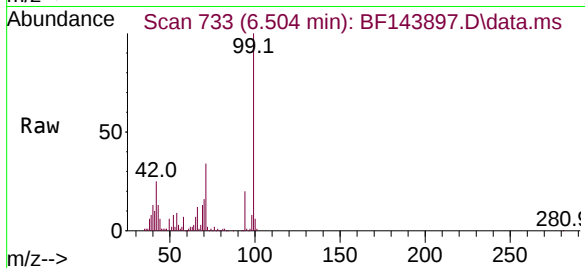
Tgt Ion: 93 Resp: 439695
Ion Ratio Lower Upper
93 100
66 41.9 33.0 49.6
65 19.8 15.8 23.8





#7
Phenol-d6
Concen: 92.142 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

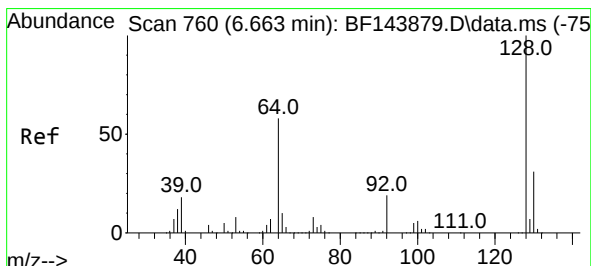
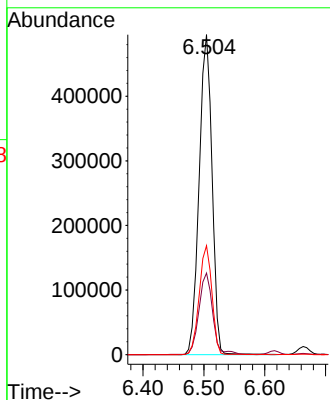
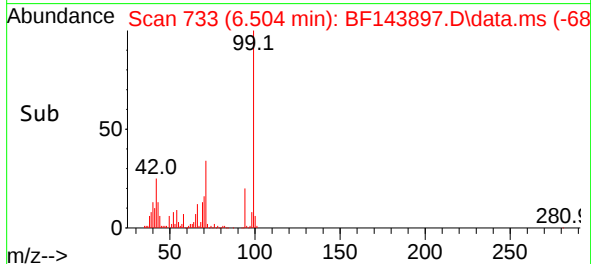
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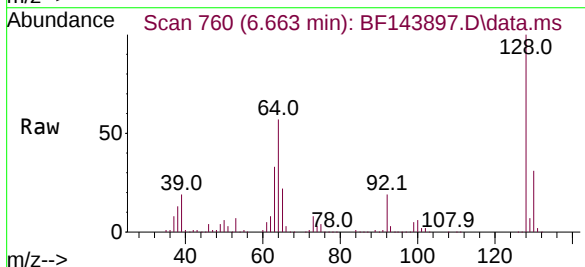
Tgt Ion: 99 Resp: 726044
Ion Ratio Lower Upper
99 100
42 25.5 21.0 31.4
71 34.0 27.8 41.8

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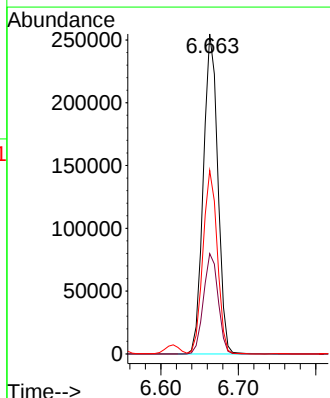
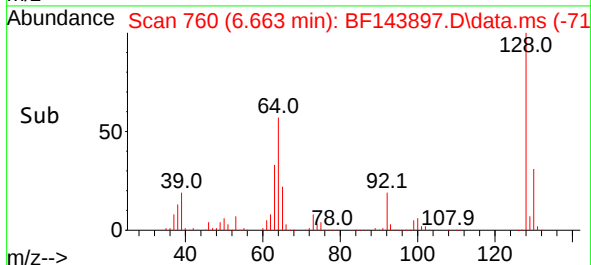
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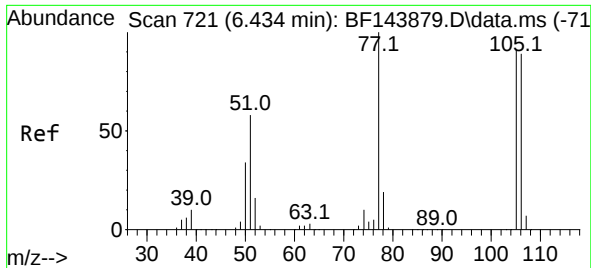


#8
2-Chlorophenol
Concen: 51.117 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



Tgt Ion:128 Resp: 330312
Ion Ratio Lower Upper
128 100
130 31.3 10.7 50.7
64 57.3 39.0 79.0





#9

Benzaldehyde

Concen: 32.986 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS

Tgt Ion: 77 Resp: 200501

Ion Ratio Lower Upper

77 100

105 92.0 70.9 110.9

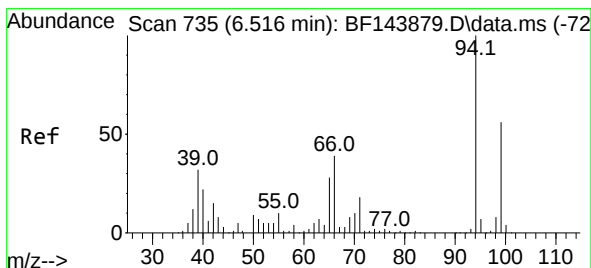
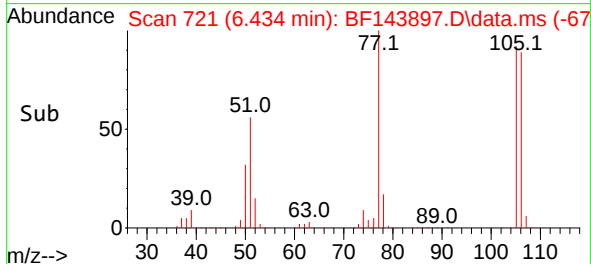
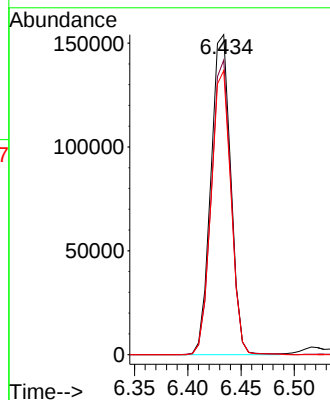
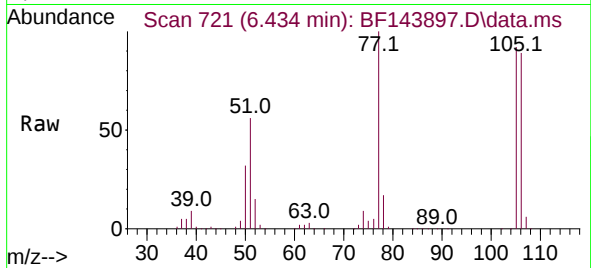
106 88.7 68.9 108.9

Manual Integrations

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#10

Phenol

Concen: 52.140 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.018 min

Lab File: BF143897.D

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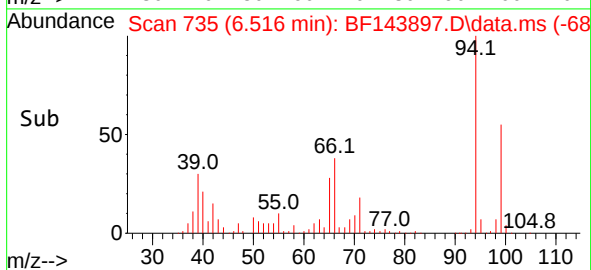
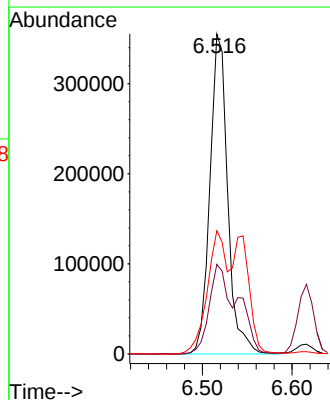
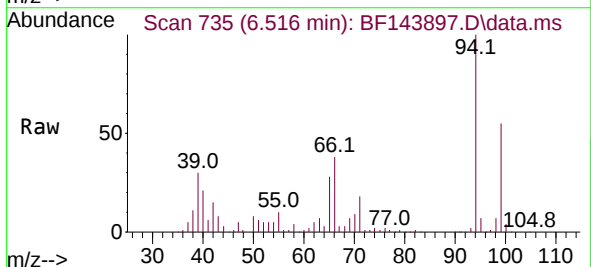
Tgt Ion: 94 Resp: 491177

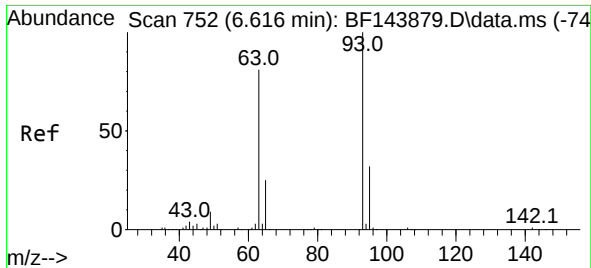
Ion Ratio Lower Upper

94 100

65 28.0 8.5 48.5

66 38.5 19.9 59.9





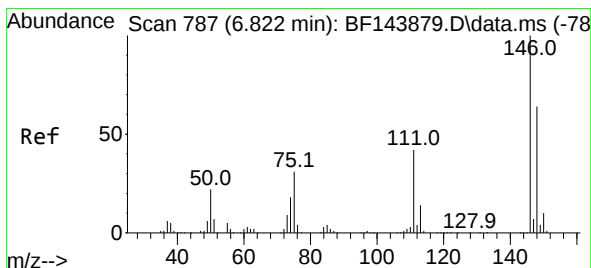
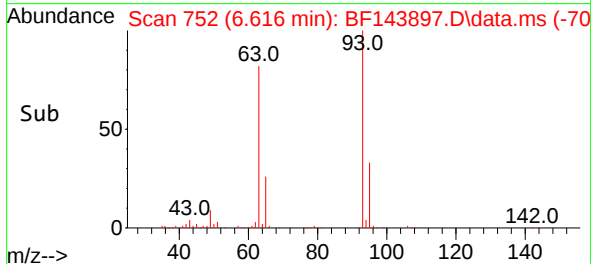
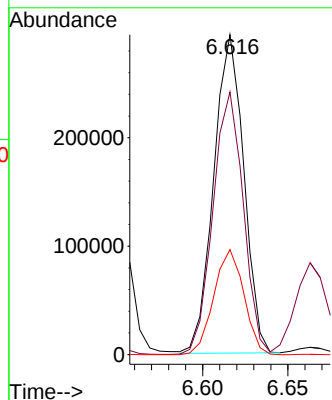
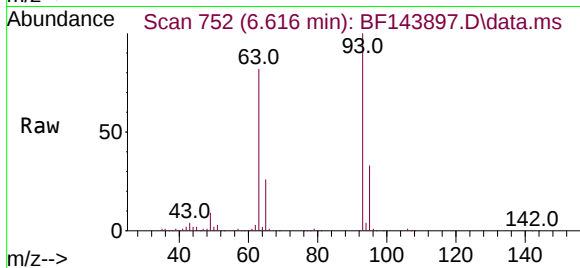
#11
bis(2-Chloroethyl)ether
Concen: 49.498 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :
BNA_F
ClientSampleId :
HL-WESTMS

Tgt Ion: 93 Resp: 360197
Ion Ratio Lower Upper
93 100
63 82.1 60.9 100.9
95 32.8 11.5 51.5

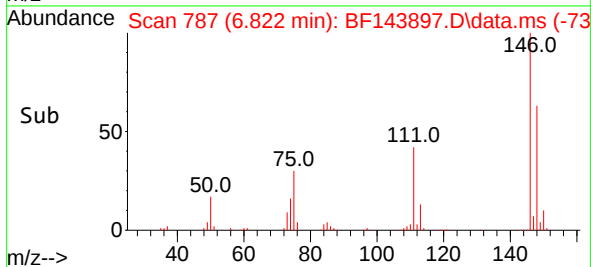
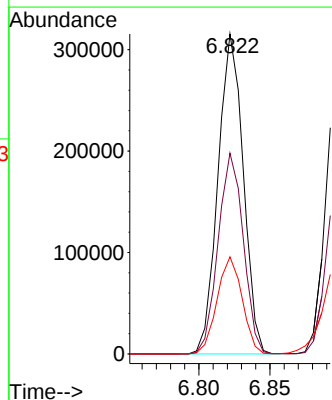
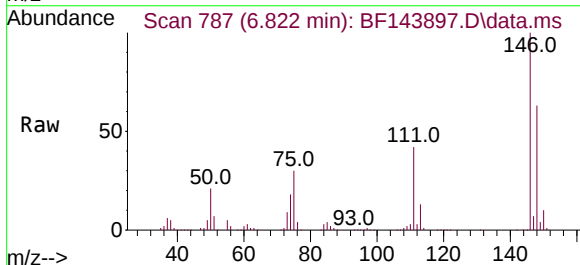
Manual Integrations
APPROVED

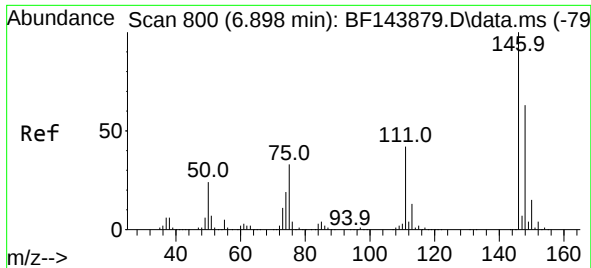
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#12
1,3-Dichlorobenzene
Concen: 50.367 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

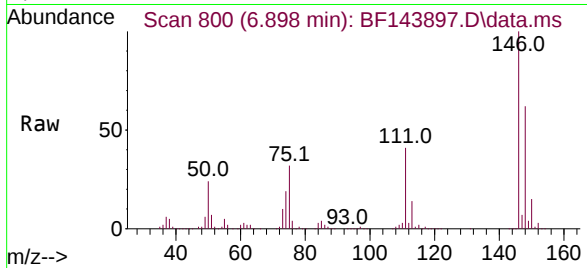
Tgt Ion:146 Resp: 389590
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.4
75 30.3 24.9 37.3





#13
1,4-Dichlorobenzene
Concen: 50.766 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

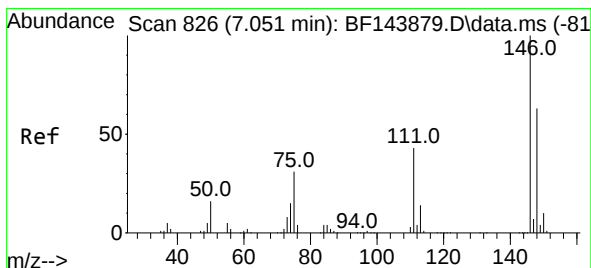
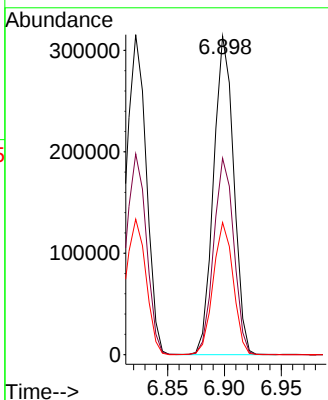
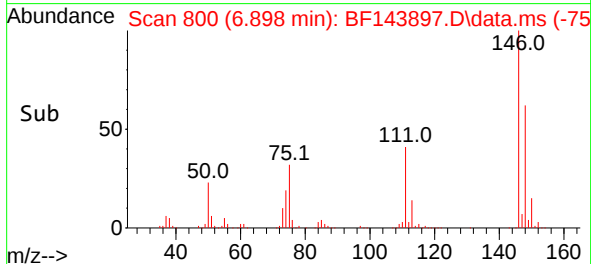
Instrument :
BNA_F
ClientSampleId :
HL-WESTMS



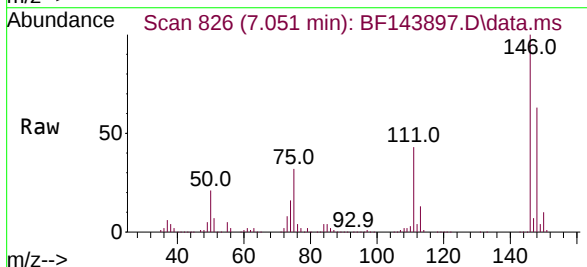
Tgt Ion:146 Resp: 387346
Ion Ratio Lower Upper
146 100
148 61.7 50.5 75.7
111 41.5 33.4 50.0

Manual Integrations
APPROVED

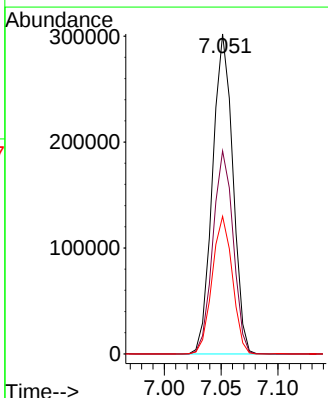
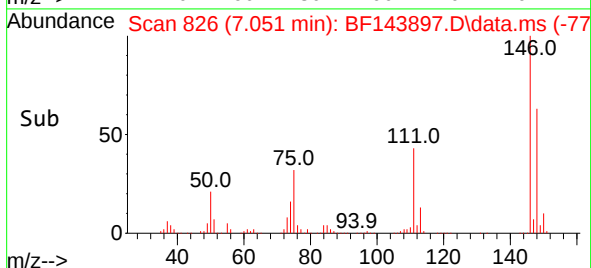
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

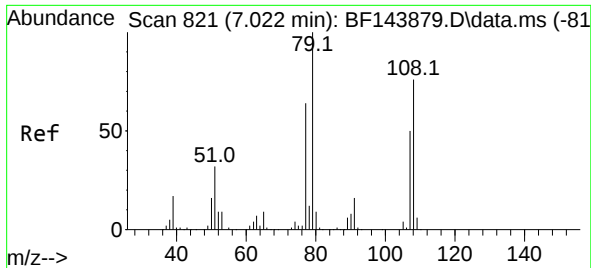


#14
1,2-Dichlorobenzene
Concen: 51.411 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



Tgt Ion:146 Resp: 375725
Ion Ratio Lower Upper
146 100
148 63.4 50.6 75.8
111 43.0 34.6 51.8





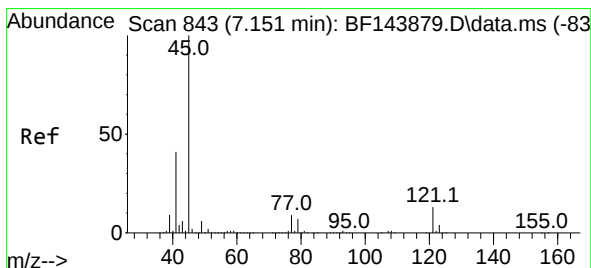
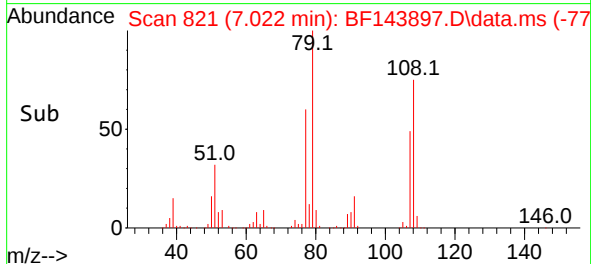
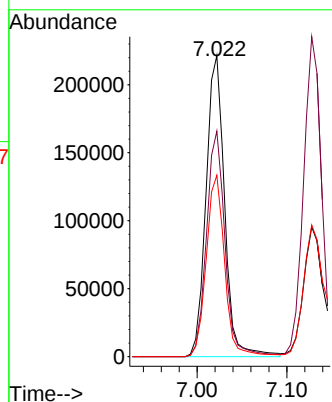
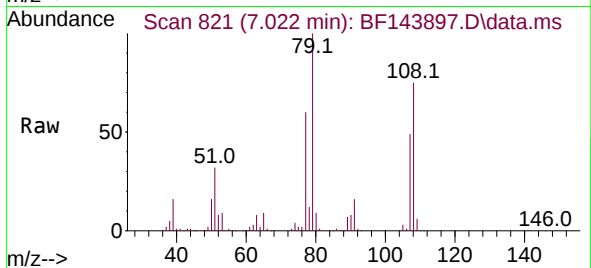
#15
Benzyl Alcohol
Concen: 53.805 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :
BNA_F
Client Sample Id :
HL-WESTMS

Tgt Ion: 79 Resp: 317661
Ion Ratio Lower Upper
79 100
108 74.9 60.8 91.2
77 60.3 51.0 76.6

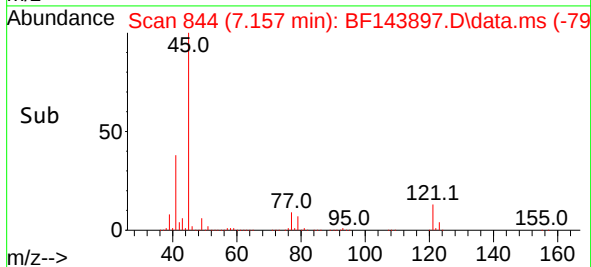
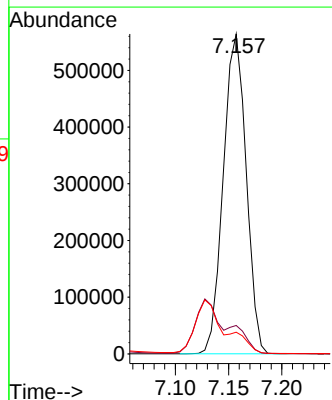
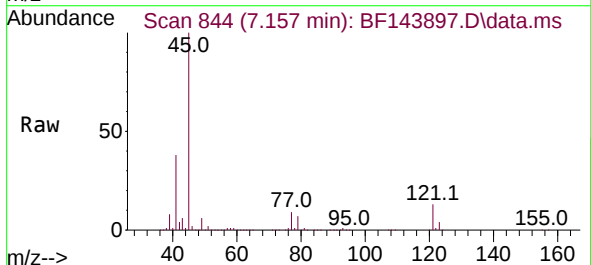
Manual Integrations
APPROVED

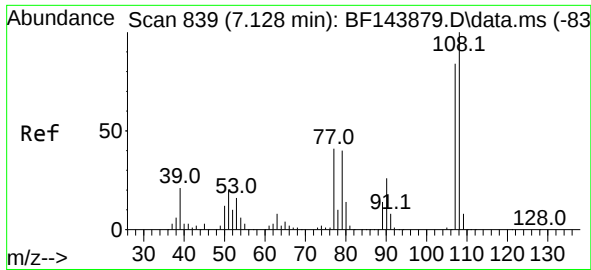
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.891 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

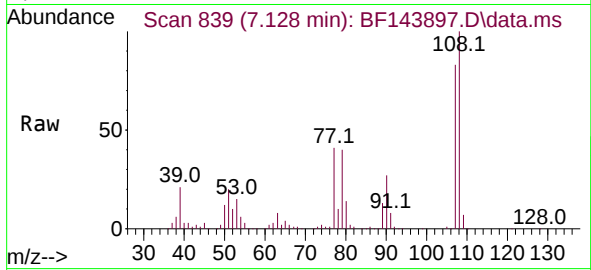
Tgt Ion: 45 Resp: 842961
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.0
79 6.8 0.0 26.8





#17
2-Methylphenol
Concen: 50.706 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

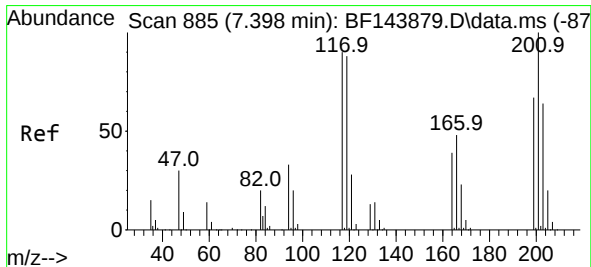
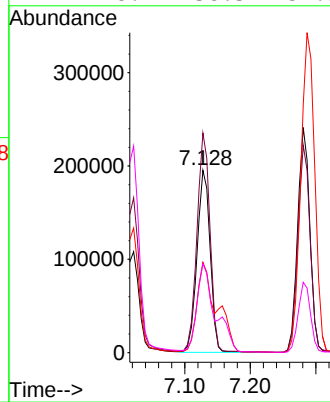
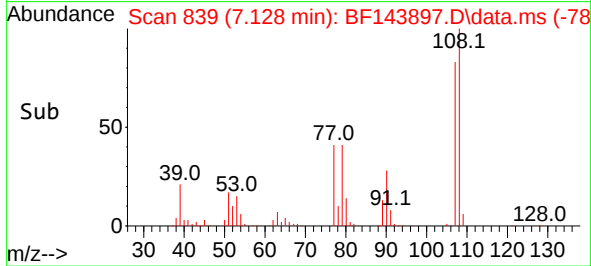
Instrument :
BNA_F
ClientSampleId :
HL-WESTMS



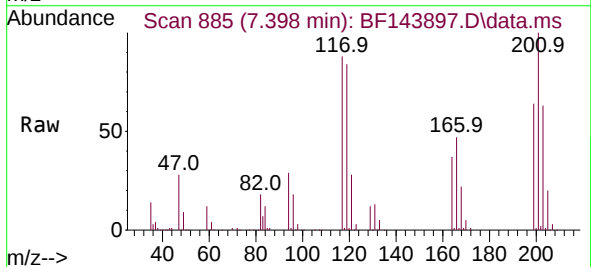
Tgt Ion:107 Resp: 270788
Ion Ratio Lower Upper
107 100
108 120.5 94.7 142.1
77 49.6 38.8 58.2
79 48.7 38.3 57.5

Manual Integrations
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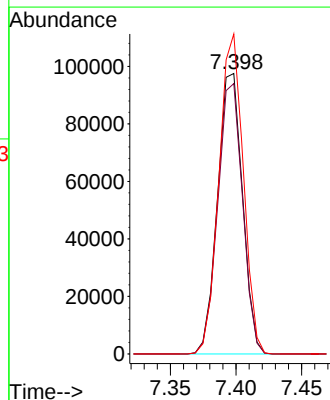
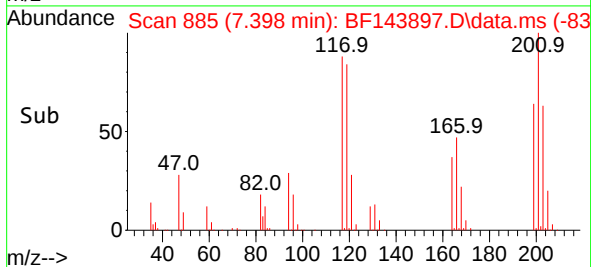
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

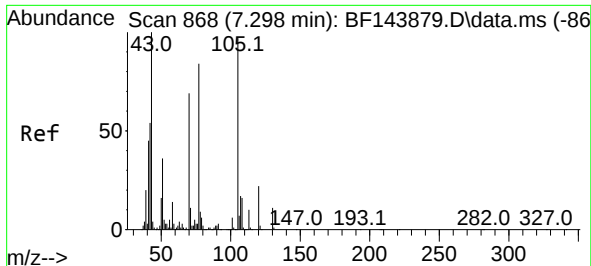


#18
Hexachloroethane
Concen: 50.719 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



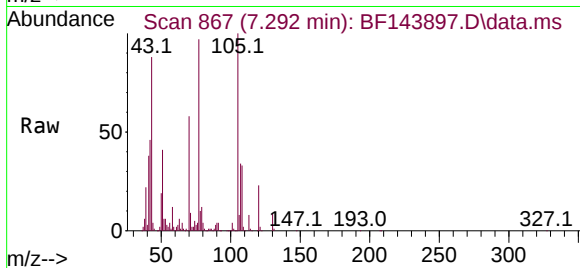
Tgt Ion:117 Resp: 129059
Ion Ratio Lower Upper
117 100
119 96.4 77.8 116.8
201 114.1 88.5 132.7





#19
n-Nitroso-di-n-propylamine
Concen: 48.837 ng
RT: 7.292 min Scan# 868
Delta R.T. -0.023 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

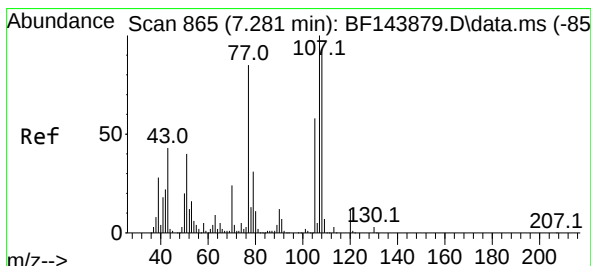
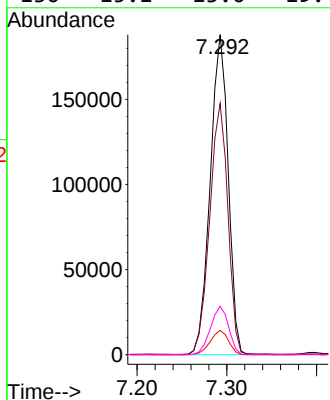
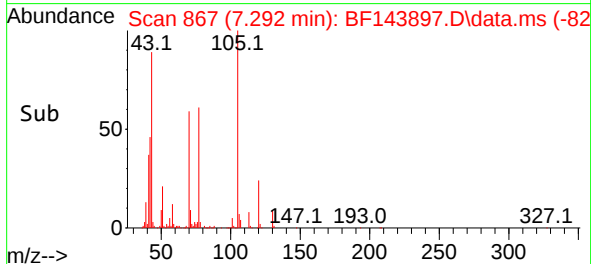
Instrument :
BNA_F
ClientSampleId :
HL-WESTMS



Tgt Ion: 70 Resp: 263410
Ion Ratio Lower Upper
70 100
42 78.5 62.8 94.2
101 7.6 6.7 10.1
130 15.1 13.0 19.4

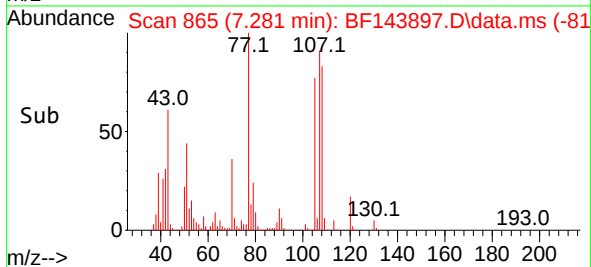
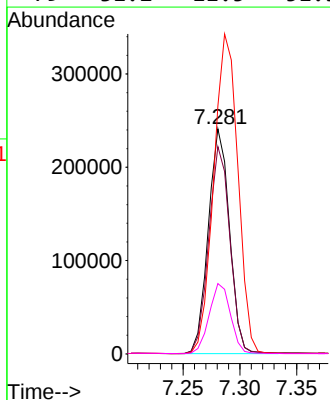
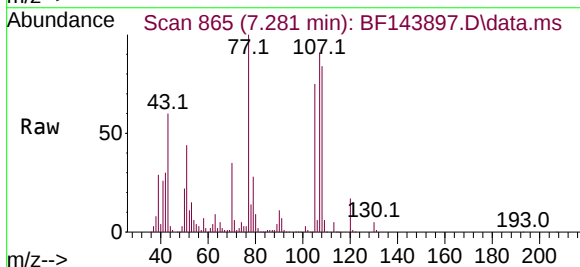
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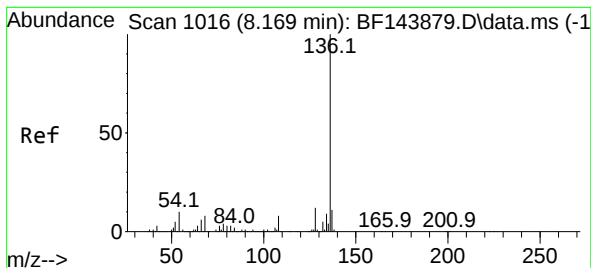
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#20
3+4-Methylphenols
Concen: 50.531 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Tgt Ion:107 Resp: 312761
Ion Ratio Lower Upper
107 100
108 92.1 73.0 113.0
77 110.1 64.6 104.6#
79 31.2 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS

Tgt Ion:136 Resp: 414079

Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 11.1 8.2 12.4

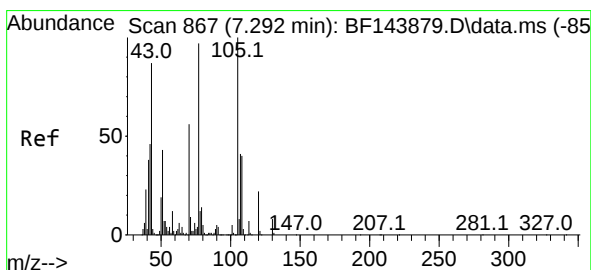
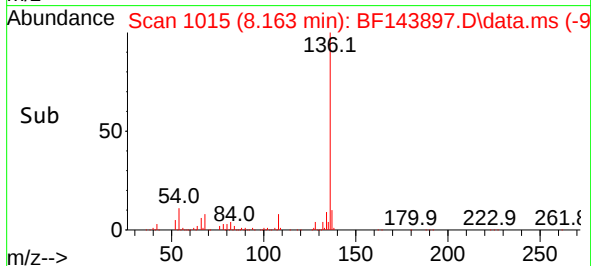
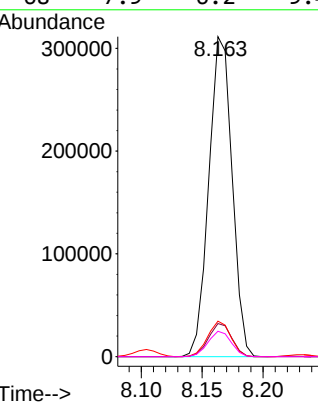
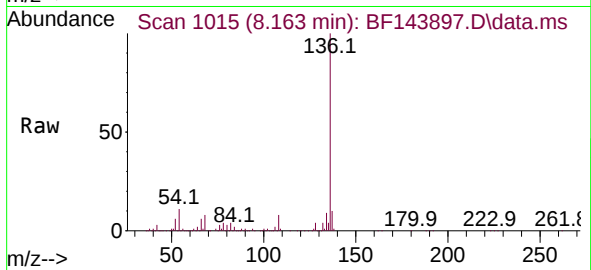
68 7.9 6.2 9.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#22

Acetophenone

Concen: 52.790 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Tgt Ion:105 Resp: 462199

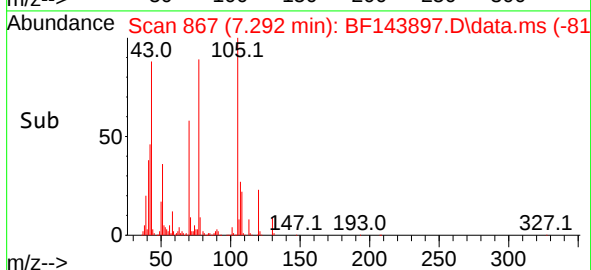
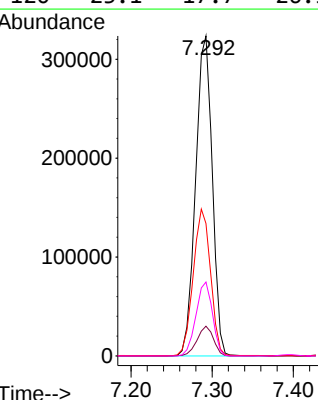
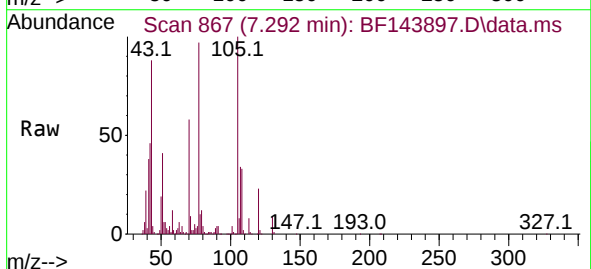
Ion Ratio Lower Upper

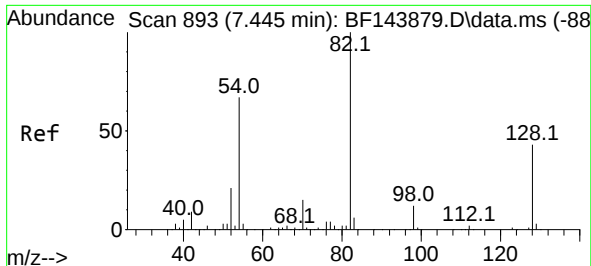
105 100

71 9.3 7.4 11.0

51 41.4 34.2 51.4

120 23.1 17.7 26.5





#23

Nitrobenzene-d5

Concen: 60.137 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.018 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS

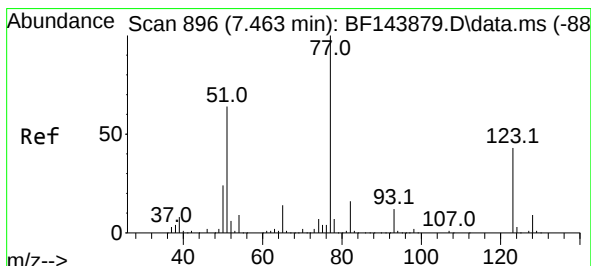
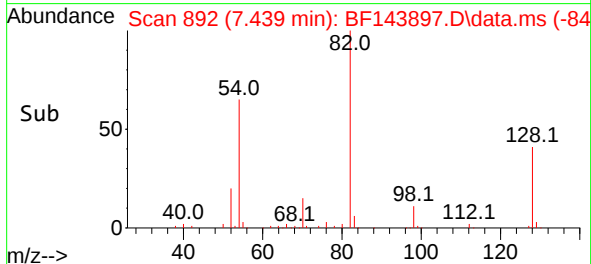
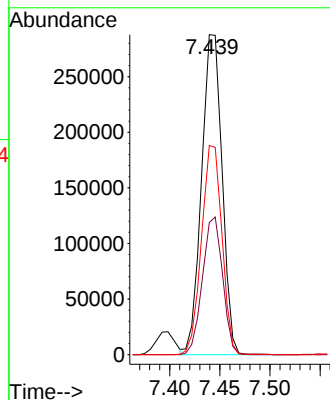
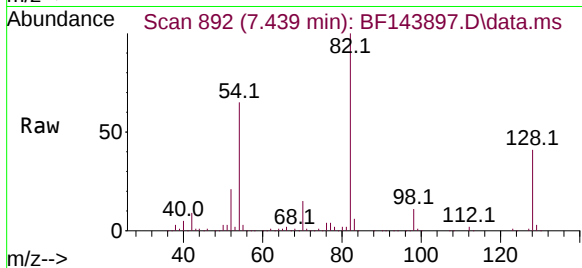
Tgt Ion: 82 Resp: 409872
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.0 51.0
 54 65.3 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#24

Nitrobenzene

Concen: 51.311 ng

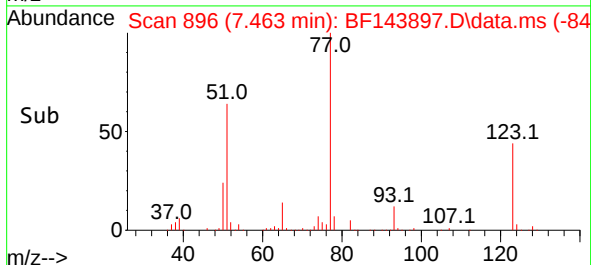
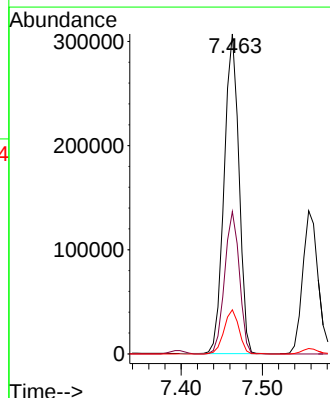
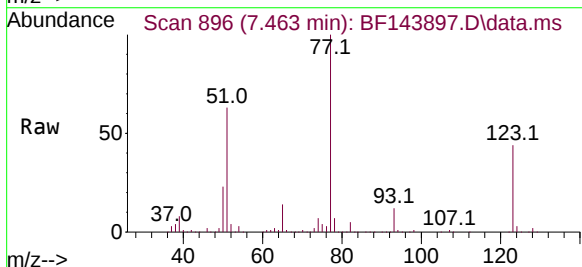
RT: 7.463 min Scan# 896

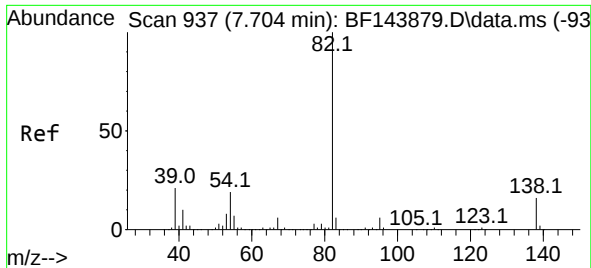
Delta R.T. -0.012 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Tgt Ion: 77 Resp: 388361
 Ion Ratio Lower Upper
 77 100
 123 44.5 34.2 51.4
 65 13.8 11.0 16.6





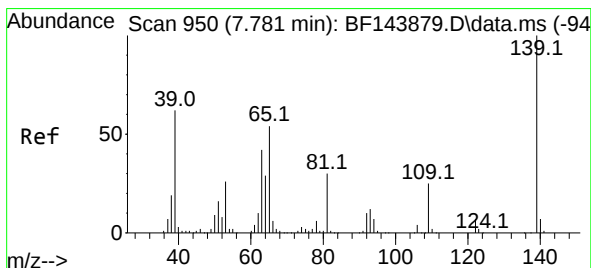
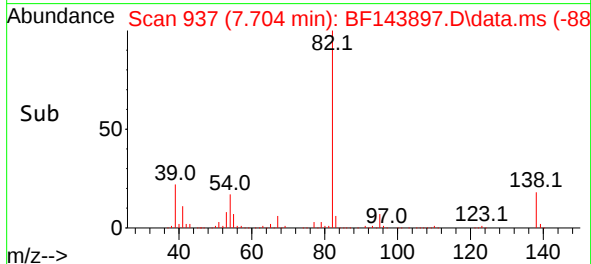
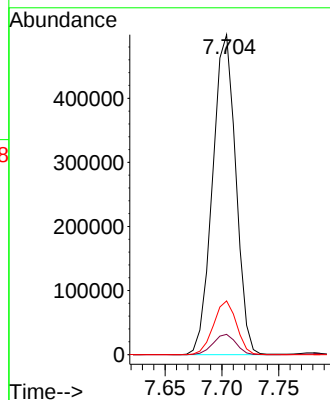
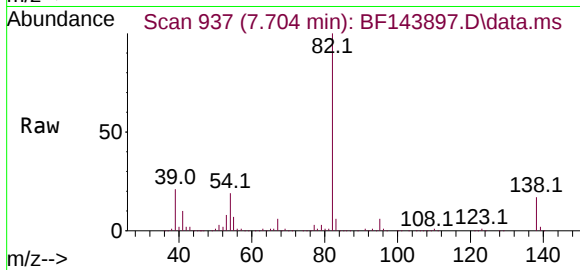
#25
Isophorone
Concen: 49.451 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.018 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :
BNA_F
Client SampleId :
HL-WESTMS

Tgt Ion: 82 Resp: 710652
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 16.8 12.9 19.3

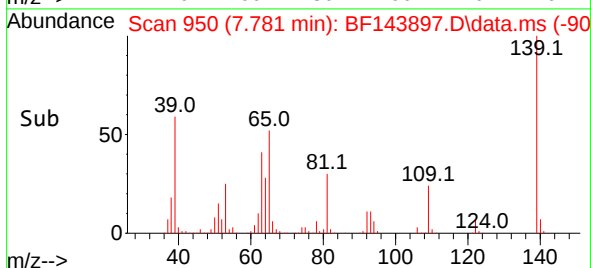
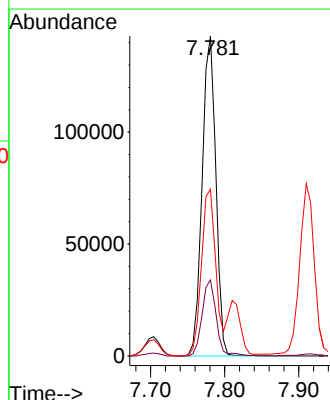
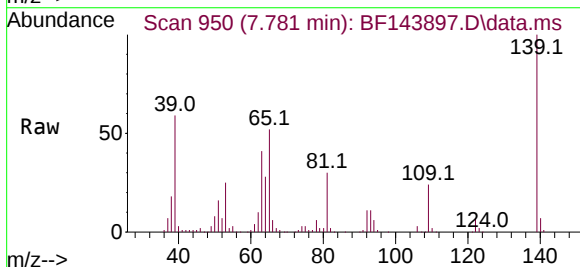
Manual Integrations
APPROVED

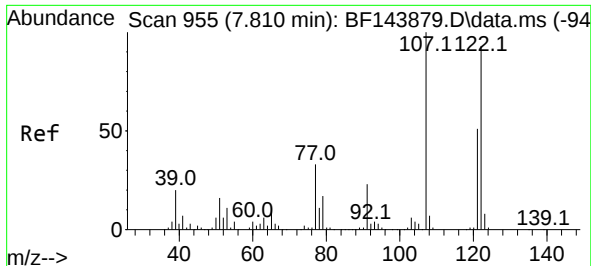
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#26
2-Nitrophenol
Concen: 56.513 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Tgt Ion:139 Resp: 183382
Ion Ratio Lower Upper
139 100
109 23.8 19.8 29.6
65 52.1 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 56.123 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

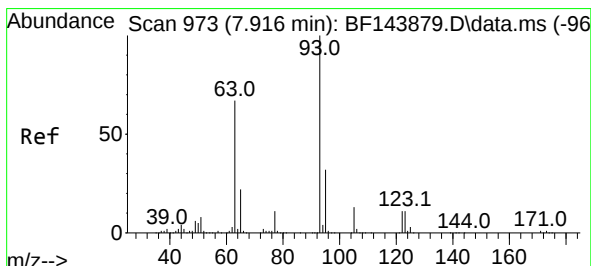
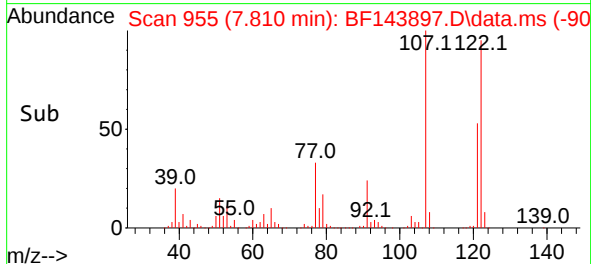
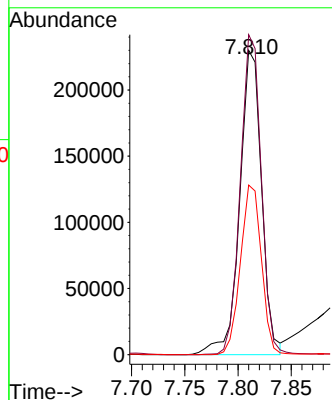
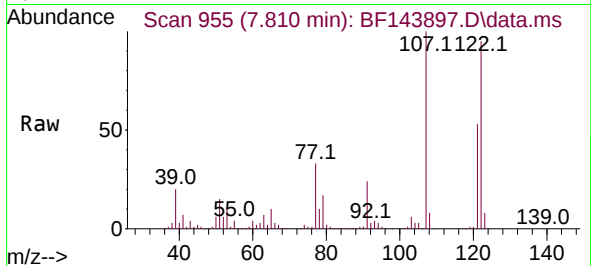
HL-WESTMS

Tgt Ion:122 Resp: 327606
Ion Ratio Lower Upper
122 100
107 105.2 86.1 129.1
121 55.7 43.8 65.6

Manual Integrations

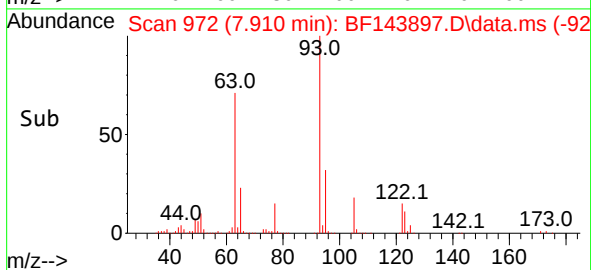
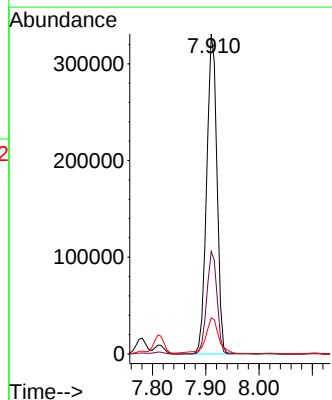
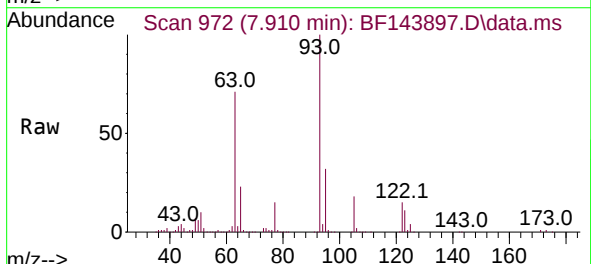
APPROVED

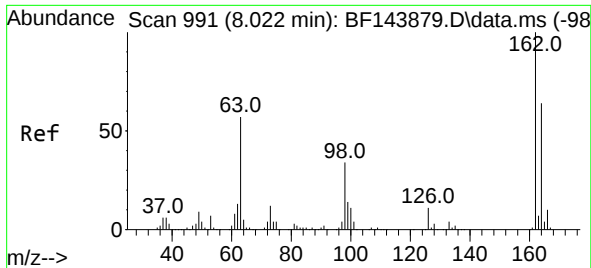
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#28
bis(2-Chloroethoxy)methane
Concen: 48.744 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Tgt Ion: 93 Resp: 442496
Ion Ratio Lower Upper
93 100
95 32.0 25.9 38.9
123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.237 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS

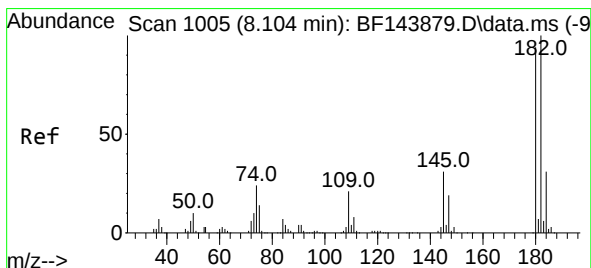
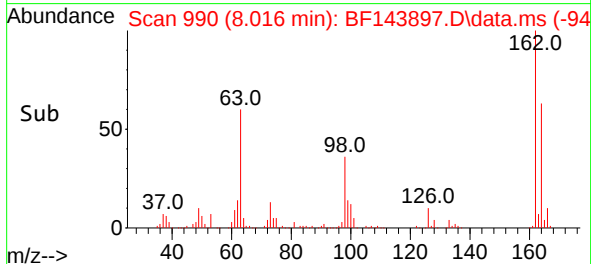
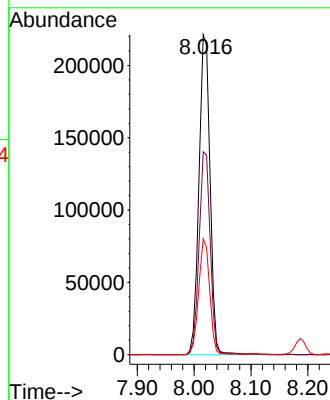
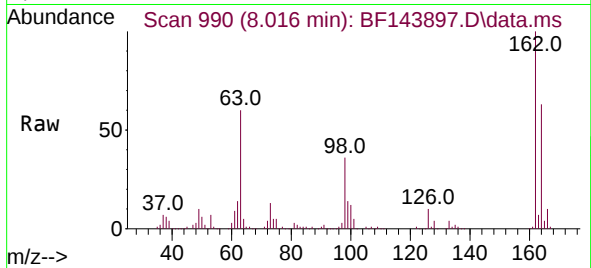
Tgt Ion:162	Resp: 299378
Ion Ratio	Lower Upper
162 100	
164 63.4	43.9 83.9
98 36.2	14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#30

1,2,4-Trichlorobenzene

Concen: 51.312 ng

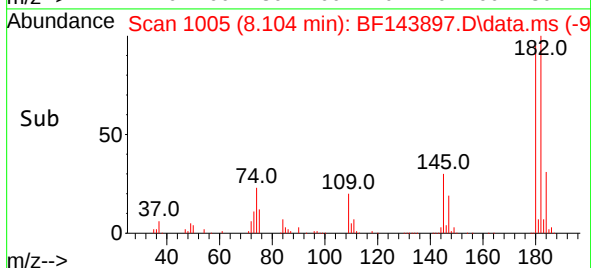
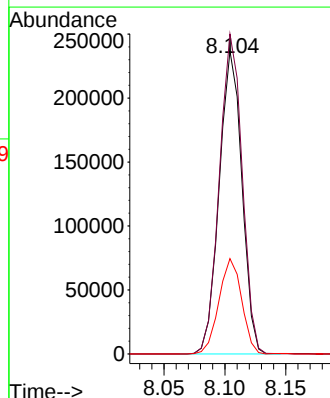
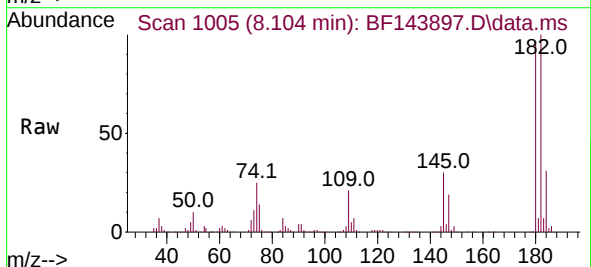
RT: 8.104 min Scan# 1005

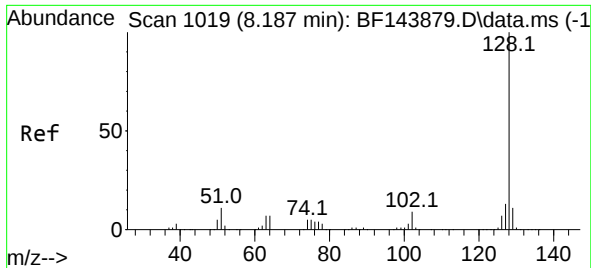
Delta R.T. -0.006 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Tgt Ion:180	Resp: 306837
Ion Ratio	Lower Upper
180 100	
182 105.6	85.4 128.0
145 31.5	26.3 39.5





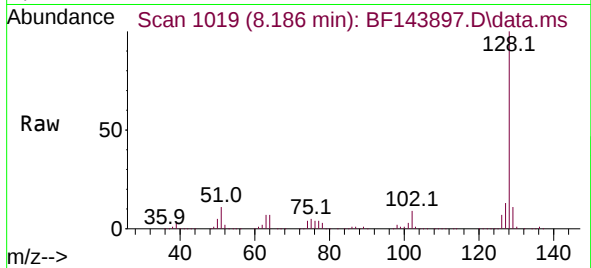
#31
Naphthalene
Concen: 48.602 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS



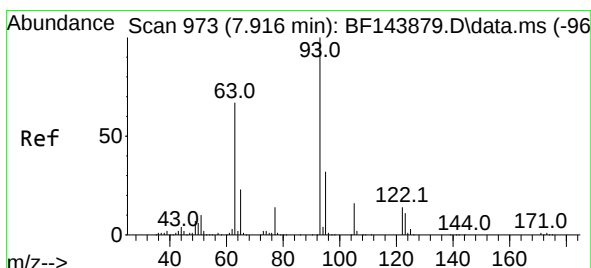
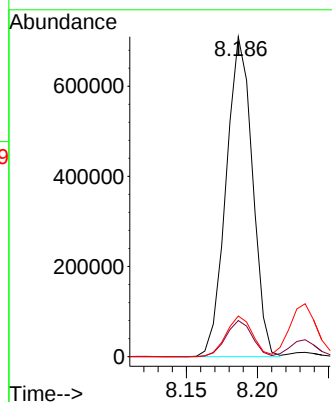
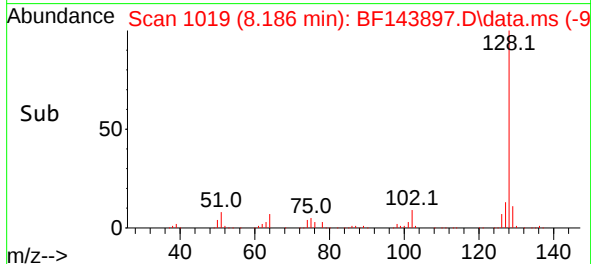
Tgt Ion:128 Resp: 915469
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 12.7 10.0 15.0

Manual Integrations

APPROVED

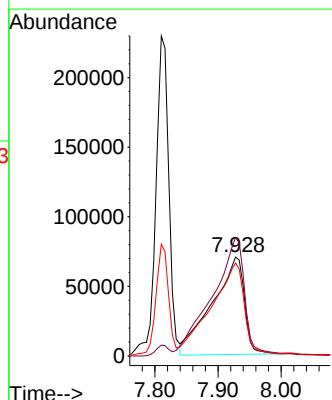
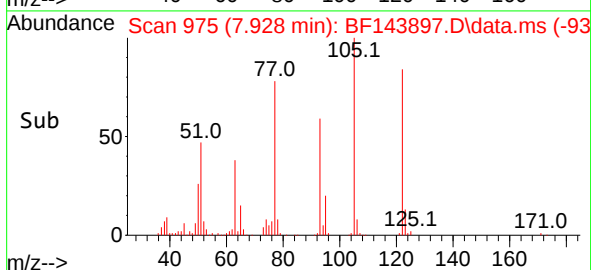
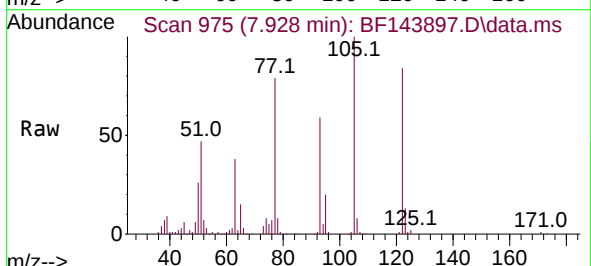
Reviewed By :Rahul Chavli 10/09/2025

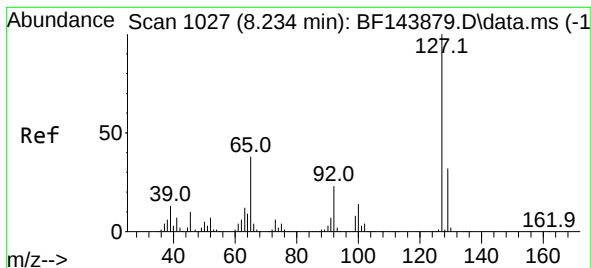
Supervised By :Jagrut Upadhyay 10/09/2025



#32
Benzoic acid
Concen: 61.484 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Tgt Ion:122 Resp: 248384
Ion Ratio Lower Upper
122 100
105 119.7 93.5 133.5
77 94.0 76.3 116.3





#33
4-Chloroaniline
Concen: 22.450 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

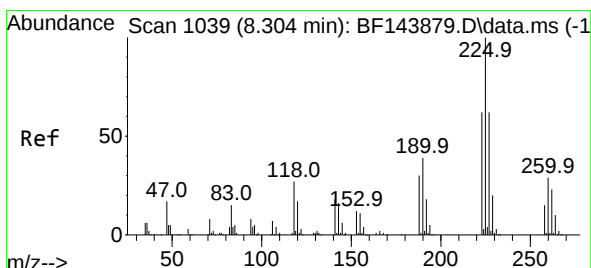
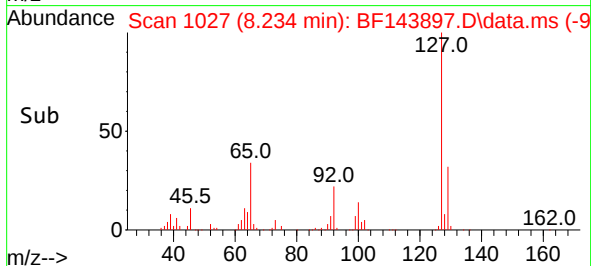
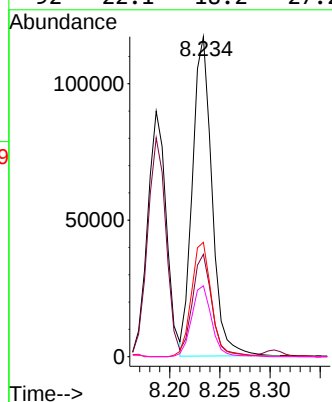
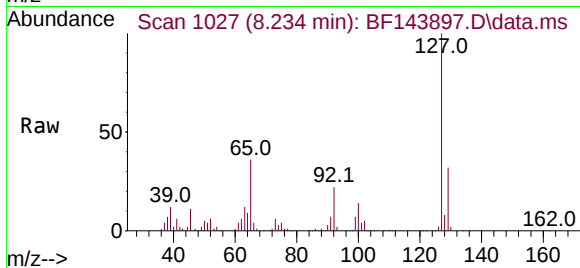
HL-WESTMS

Tgt Ion:127 Resp: 158601
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.8
65 35.7 30.0 45.0
92 22.1 18.2 27.2

Manual Integrations

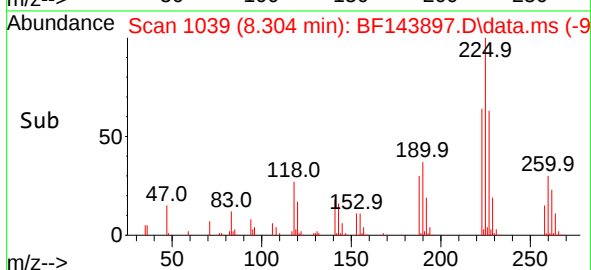
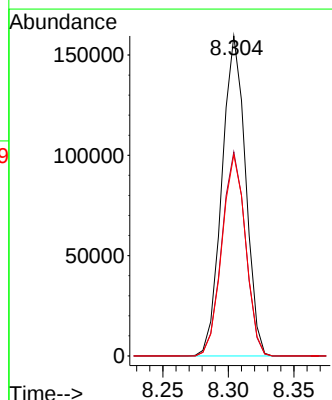
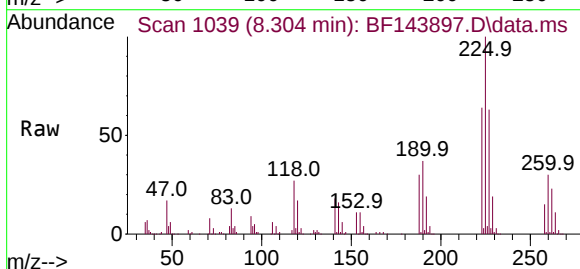
APPROVED

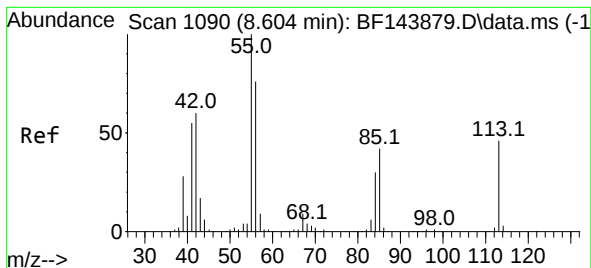
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#34
Hexachlorobutadiene
Concen: 48.120 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Tgt Ion:225 Resp: 199956
Ion Ratio Lower Upper
225 100
223 63.7 49.4 74.2
227 62.8 49.7 74.5





#35

Caprolactam

Concen: 55.895 ng m

RT: 8.598 min Scan# 1090

Delta R.T. -0.047 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS

Tgt Ion:113 Resp: 108060

Ion Ratio Lower Upper

113 100

55 230.9 199.6 239.6

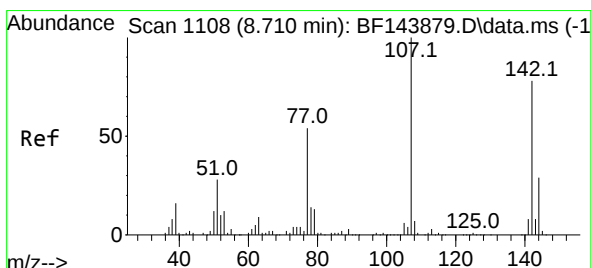
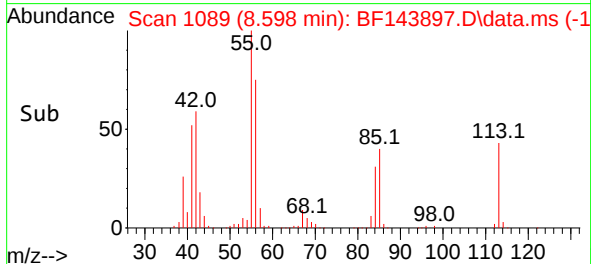
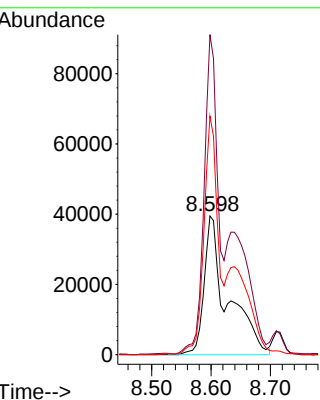
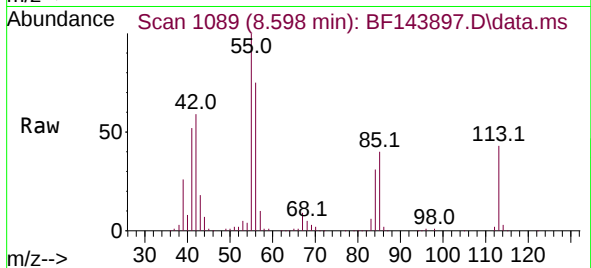
56 172.2 146.0 186.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#36

4-Chloro-3-methylphenol

Concen: 50.775 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.012 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

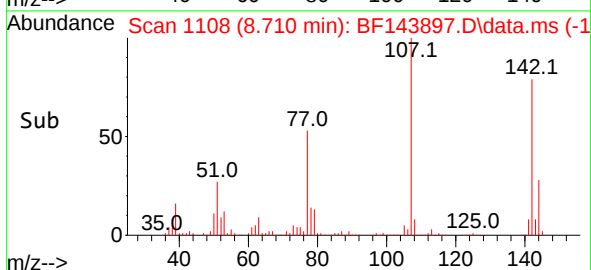
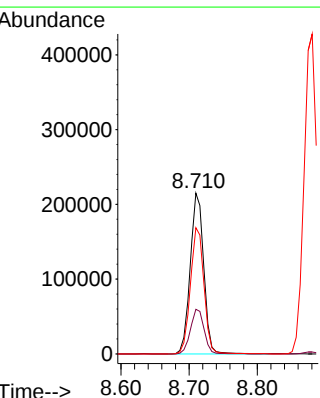
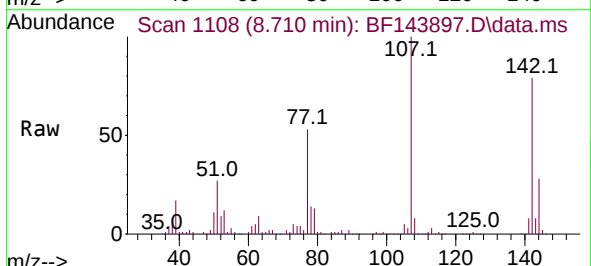
Tgt Ion:107 Resp: 296553

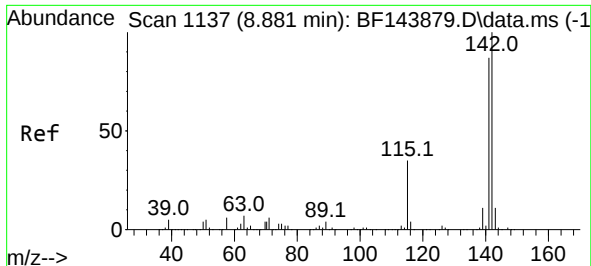
Ion Ratio Lower Upper

107 100

144 27.7 23.1 34.7

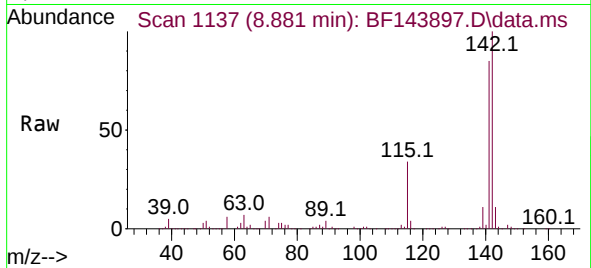
142 78.5 62.6 94.0





#37
2-Methylnaphthalene
Concen: 45.093 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

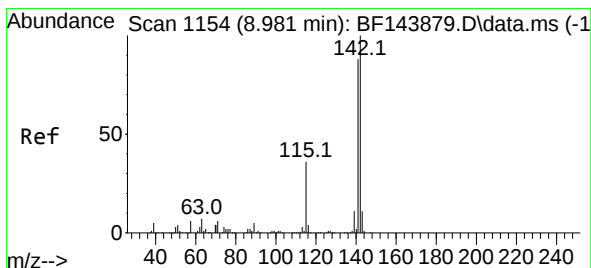
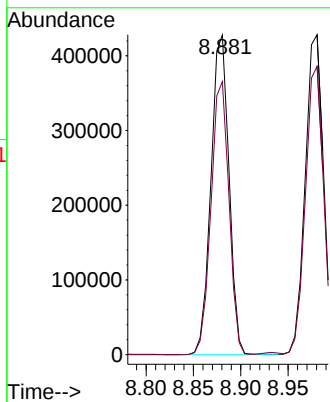
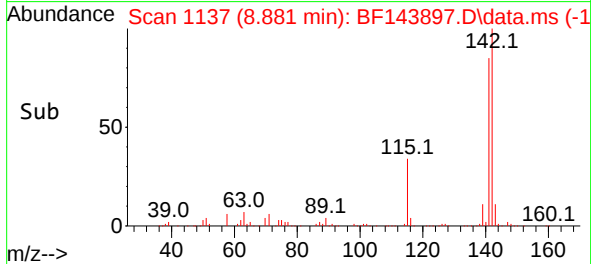
Instrument :
BNA_F
ClientSampleId :
HL-WESTMS



Tgt Ion:142 Resp: 565794
Ion Ratio Lower Upper
142 100
141 85.4 69.2 103.8

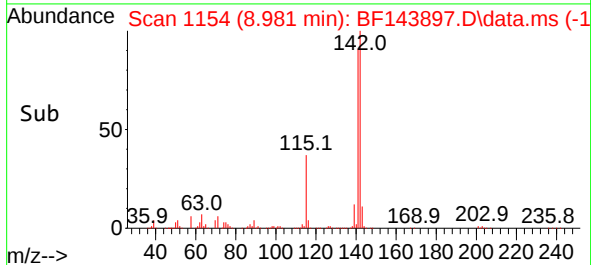
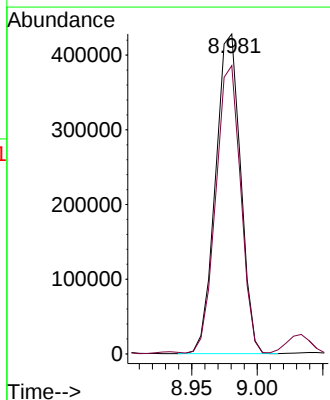
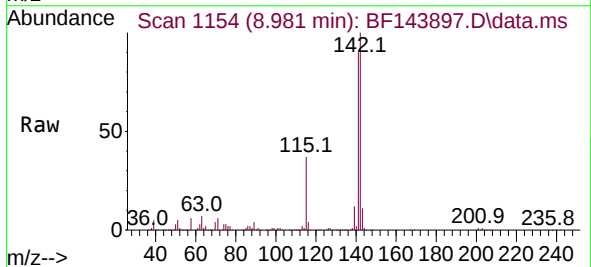
Manual Integrations
APPROVED

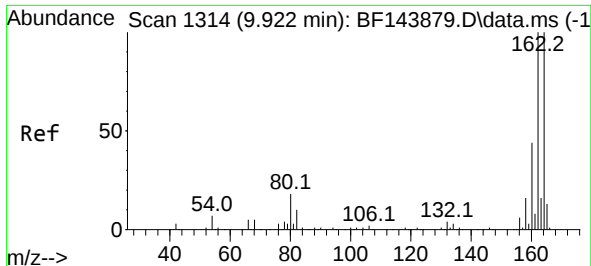
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#38
1-Methylnaphthalene
Concen: 46.846 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Tgt Ion:142 Resp: 570133
Ion Ratio Lower Upper
142 100
141 90.1 70.8 106.2





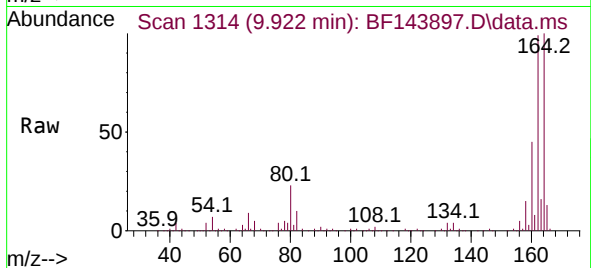
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS



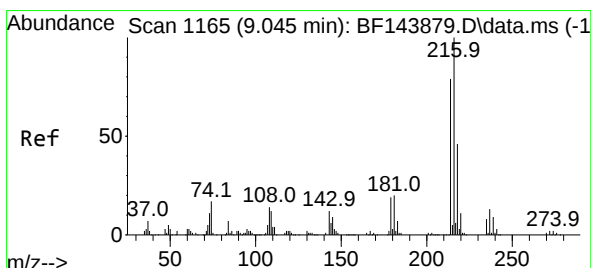
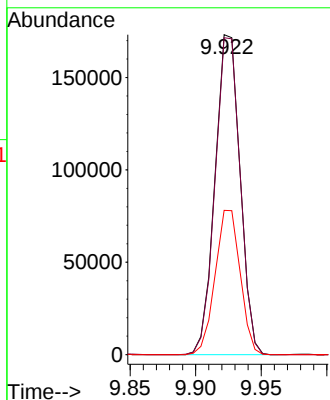
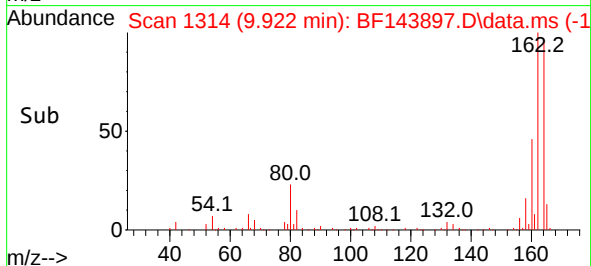
Tgt Ion:164 Resp: 230955
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.2
160 45.1 35.4 53.0

Manual Integrations

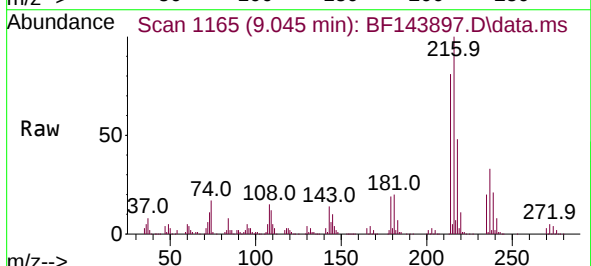
APPROVED

Reviewed By :Rahul Chavli 10/09/2025

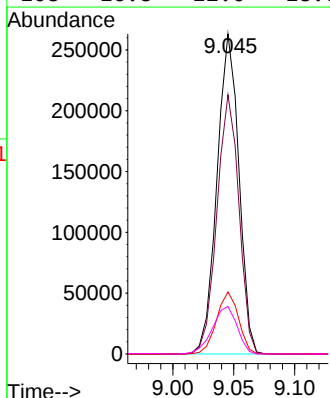
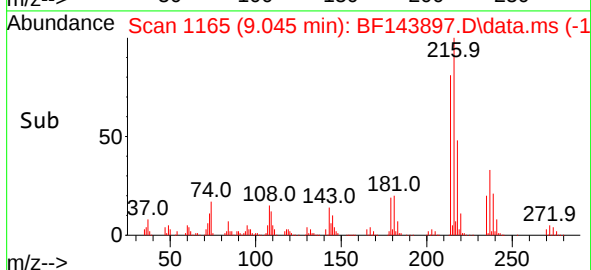
Supervised By :Jagrut Upadhyay 10/09/2025

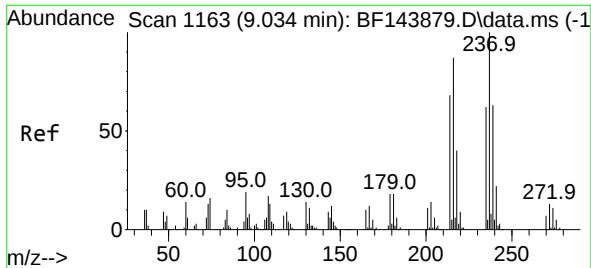


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.429 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



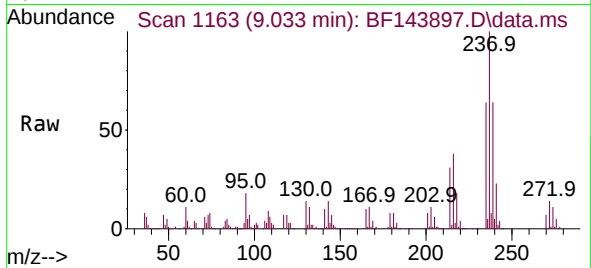
Tgt Ion:216 Resp: 328286
Ion Ratio Lower Upper
216 100
214 81.1 62.6 94.0
179 19.4 15.4 23.0
108 16.8 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 122.658 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

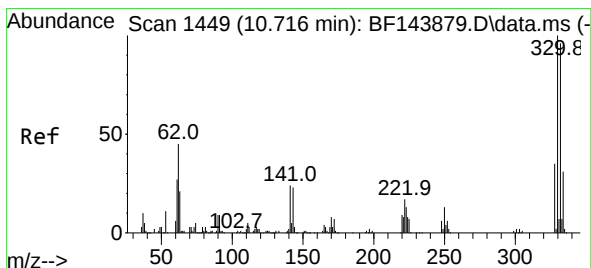
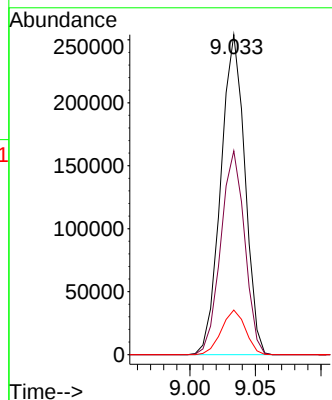
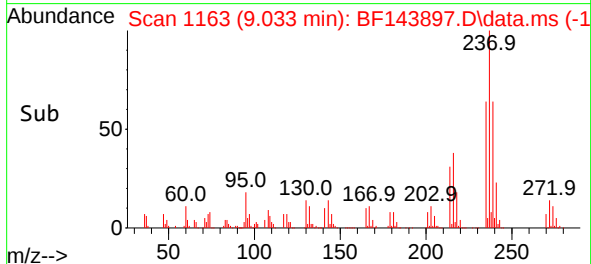
Instrument :
BNA_F
ClientSampleId :
HL-WESTMS



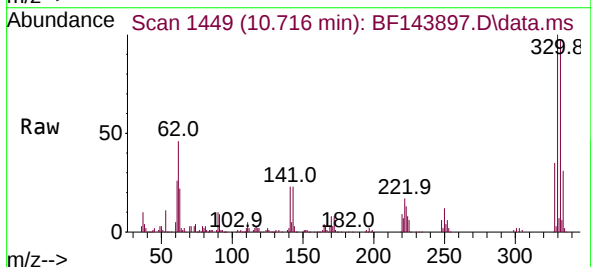
Tgt Ion:237 Resp: 324817
Ion Ratio Lower Upper
237 100
235 63.7 42.3 82.3
272 13.9 0.0 33.1

Manual Integrations
APPROVED

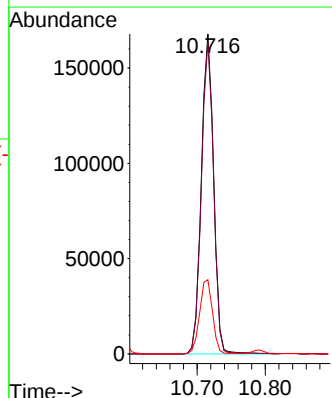
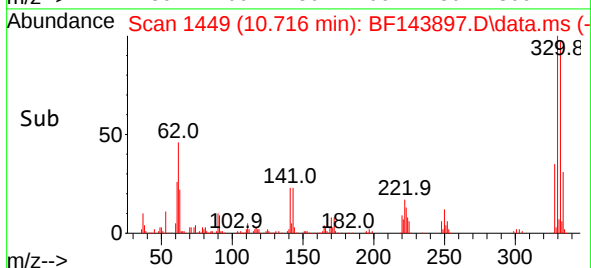
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

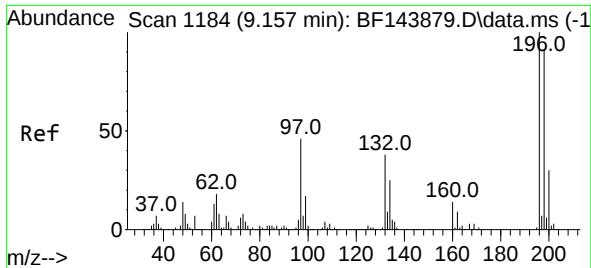


#42
2,4,6-Tribromophenol
Concen: 91.516 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



Tgt Ion:330 Resp: 210519
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 24.4 20.2 30.4





#43
2,4,6-Trichlorophenol
Concen: 50.927 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

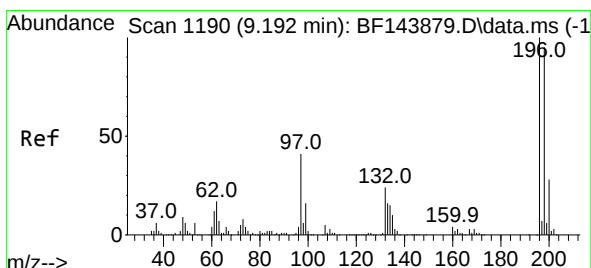
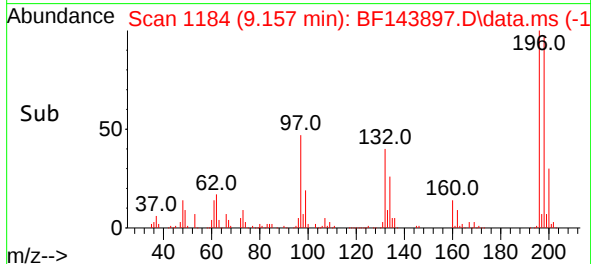
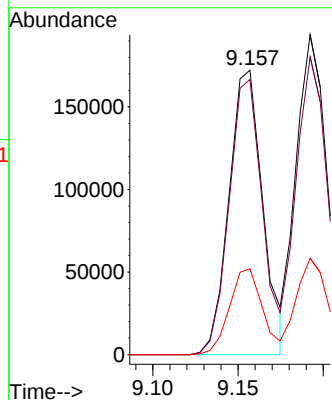
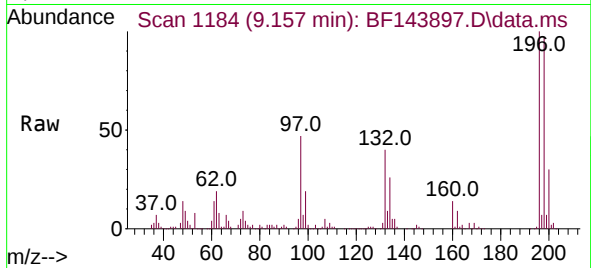
HL-WESTMS

Tgt Ion:196 Resp: 237523
Ion Ratio Lower Upper
196 100
198 96.8 72.8 109.2
200 30.2 24.0 36.0

Manual Integrations

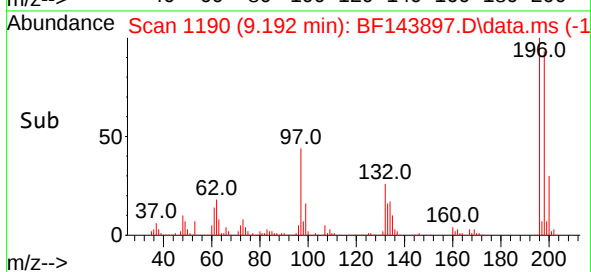
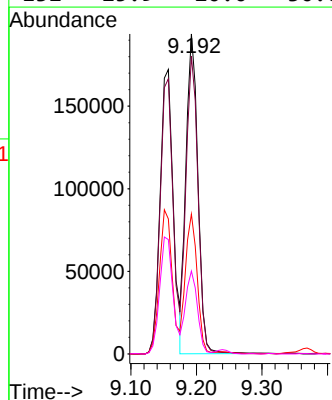
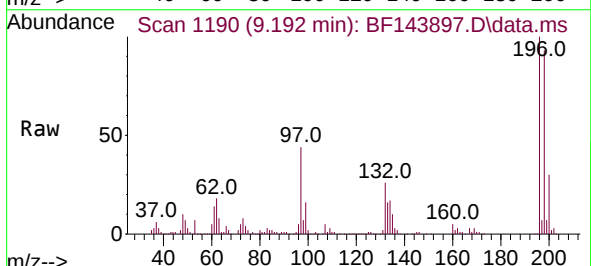
APPROVED

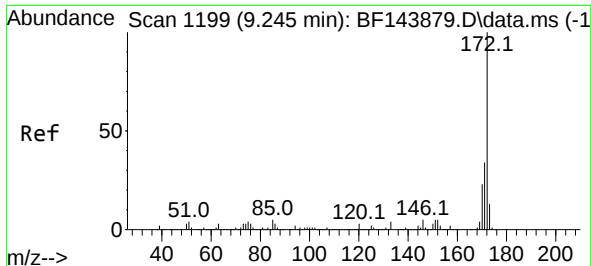
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#44
2,4,5-Trichlorophenol
Concen: 50.109 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

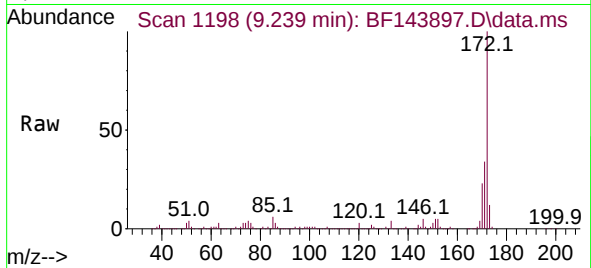
Tgt Ion:196 Resp: 246975
Ion Ratio Lower Upper
196 100
198 93.1 75.5 113.3
97 43.7 33.9 50.9
132 25.9 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 53.403 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

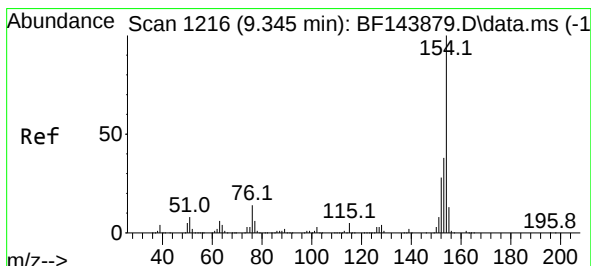
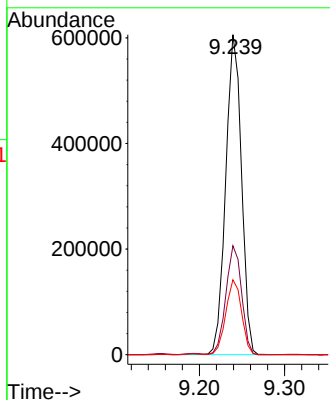
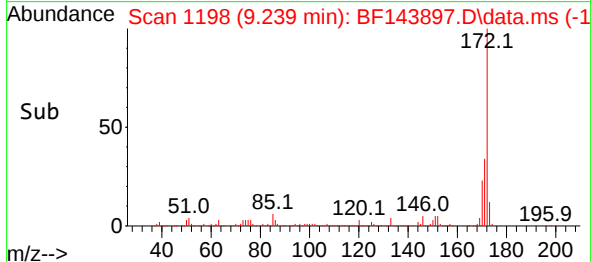
Instrument :
BNA_F
ClientSampleId :
HL-WESTMS



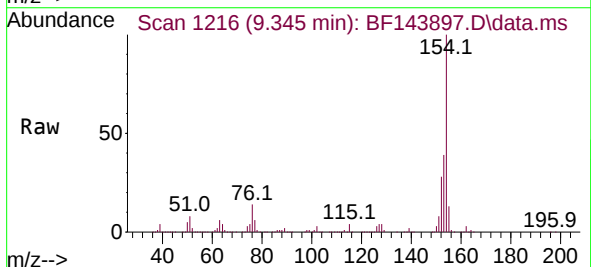
Tgt Ion:172 Resp: 777296
Ion Ratio Lower Upper
172 100
171 34.0 27.4 41.0
170 23.4 18.6 28.0

Manual Integrations
APPROVED

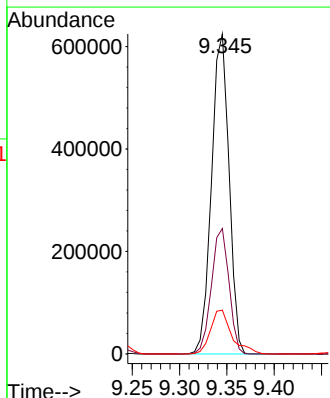
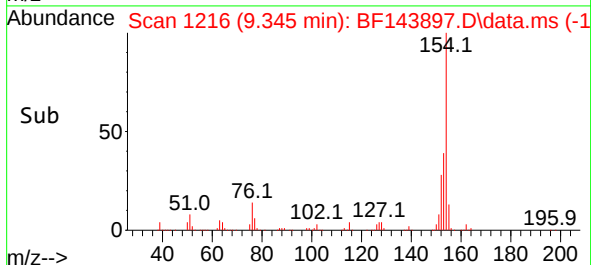
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

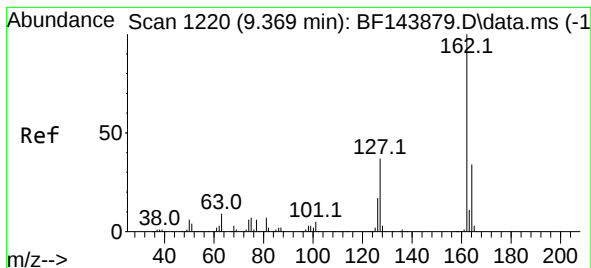


#46
1,1'-Biphenyl
Concen: 52.467 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



Tgt Ion:154 Resp: 802287
Ion Ratio Lower Upper
154 100
153 39.2 18.4 58.4
76 13.7 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.619 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS

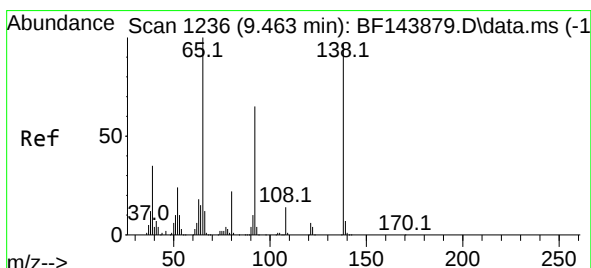
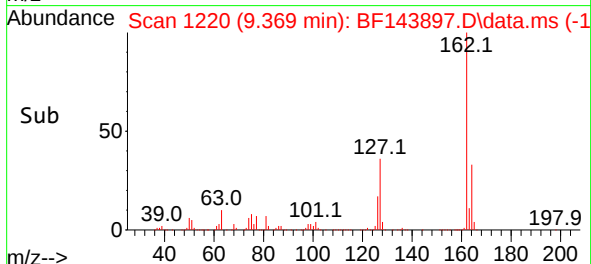
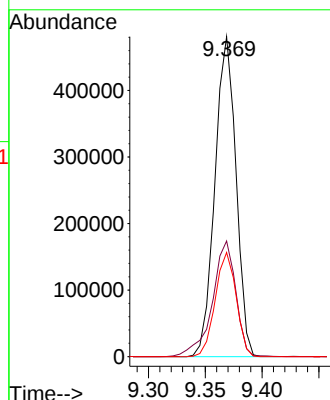
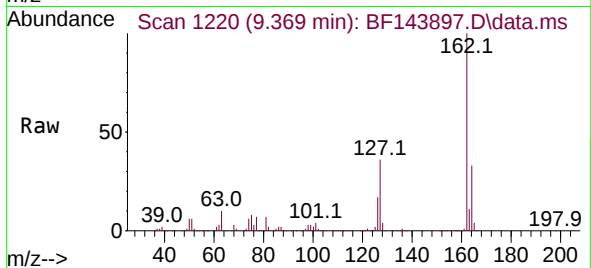
Tgt Ion:162 Resp: 619852
 Ion Ratio Lower Upper
 162 100
 127 36.1 30.2 45.2
 164 32.5 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#48

2-Nitroaniline

Concen: 55.387 ng

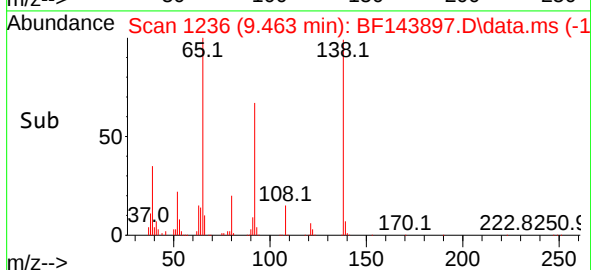
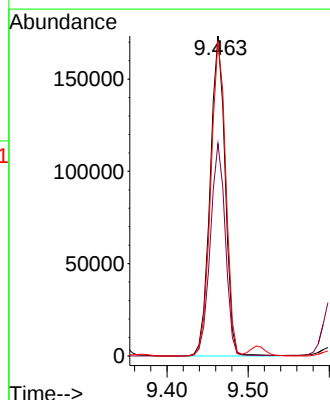
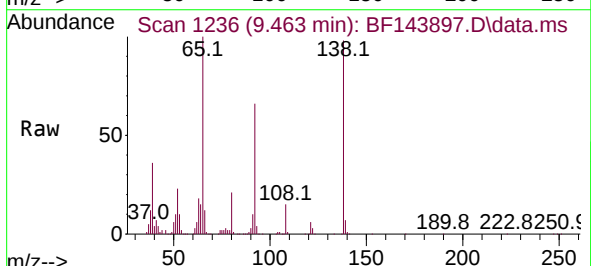
RT: 9.463 min Scan# 1236

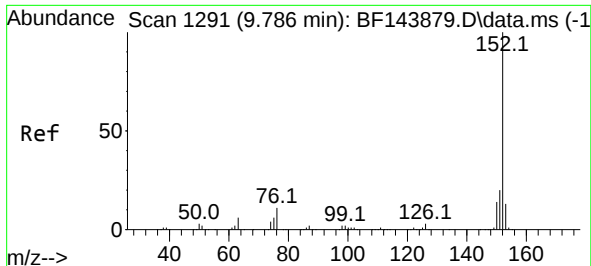
Delta R.T. -0.006 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Tgt Ion: 65 Resp: 223250
 Ion Ratio Lower Upper
 65 100
 92 66.4 52.1 78.1
 138 98.3 77.4 116.2





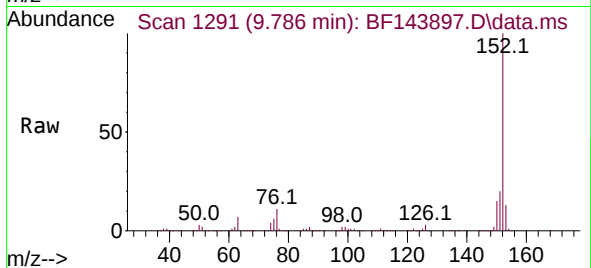
#49
Acenaphthylene
Concen: 55.060 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS



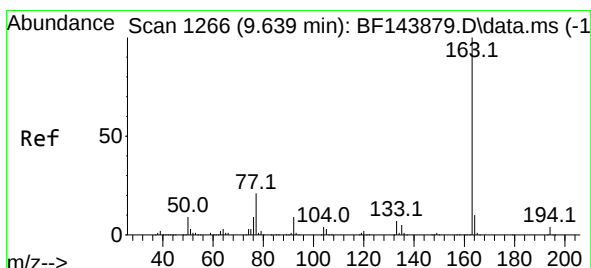
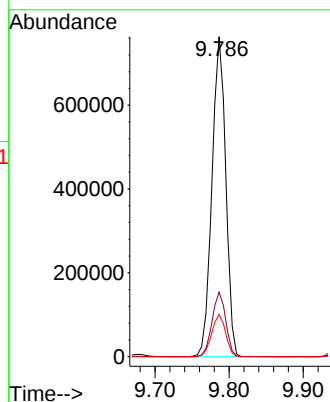
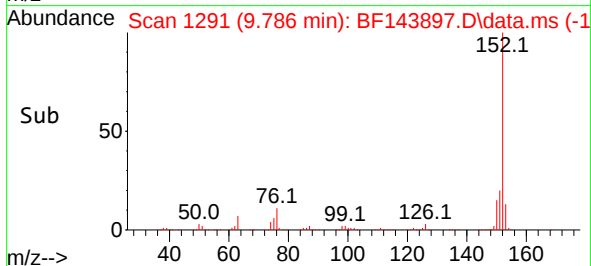
Tgt Ion:152 Resp: 98687
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.2 10.5 15.7

Manual Integrations

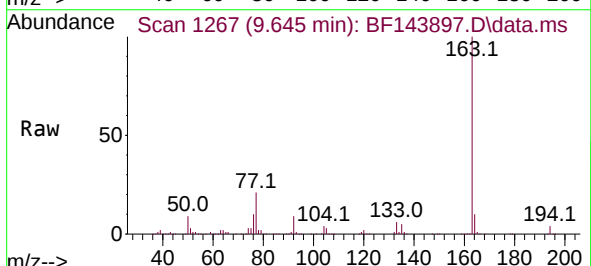
APPROVED

Reviewed By :Rahul Chavli 10/09/2025

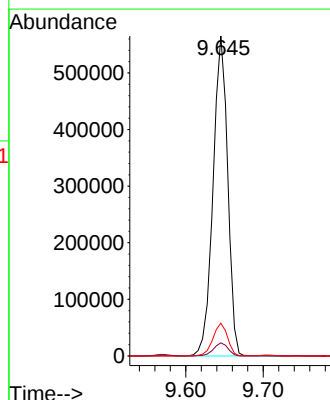
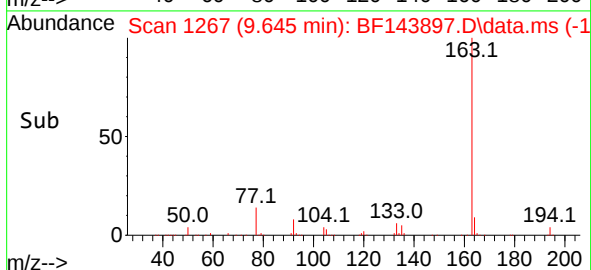
Supervised By :Jagrut Upadhyay 10/09/2025

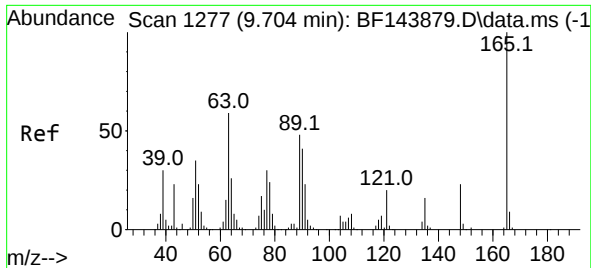


#50
Dimethylphthalate
Concen: 50.606 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



Tgt Ion:163 Resp: 742221
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.1 12.1





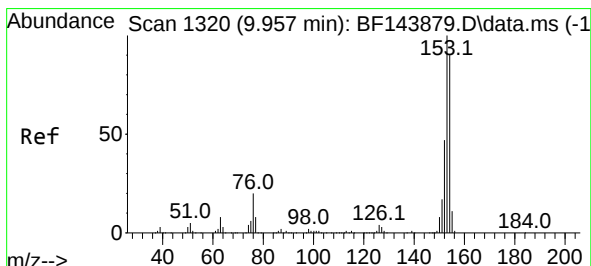
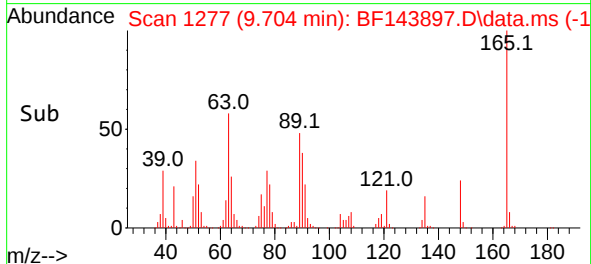
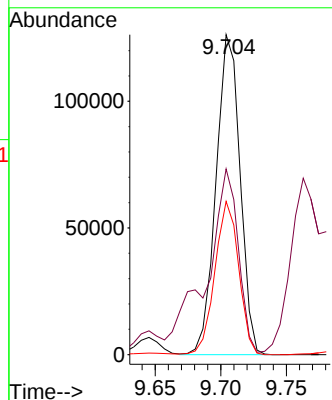
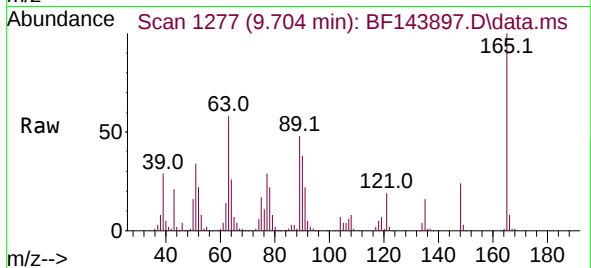
#51
2,6-Dinitrotoluene
Concen: 59.299 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :
BNA_F
ClientSampleId :
HL-WESTMS

Tgt Ion:165 Resp: 16127
Ion Ratio Lower Upper
165 100
63 58.0 47.3 70.9
89 47.9 38.2 57.4

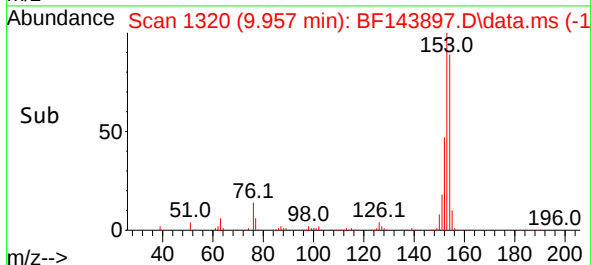
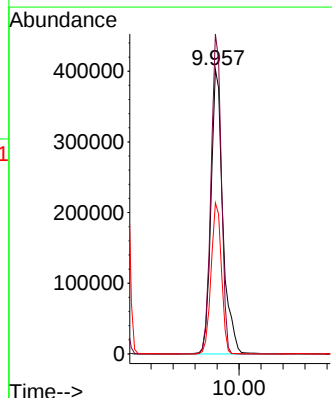
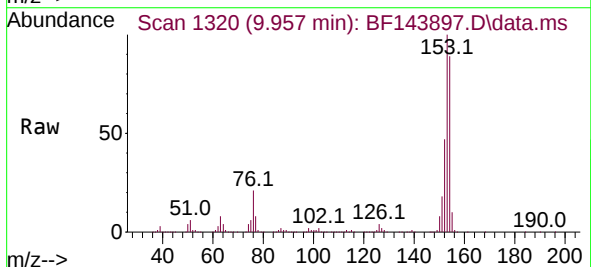
Manual Integrations
APPROVED

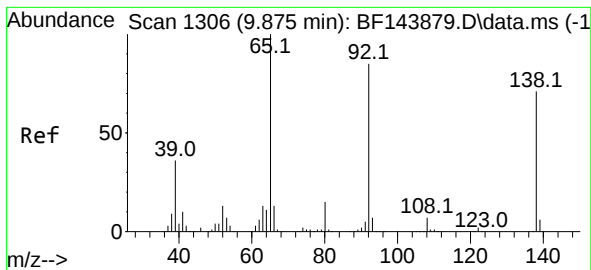
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#52
Acenaphthene
Concen: 51.564 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

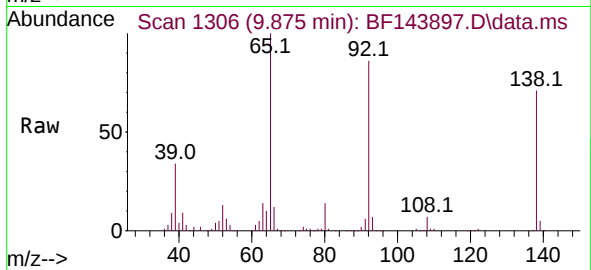
Tgt Ion:154 Resp: 605597
Ion Ratio Lower Upper
154 100
153 112.5 89.3 133.9
152 53.0 42.2 63.2





#53
3-Nitroaniline
Concen: 36.996 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

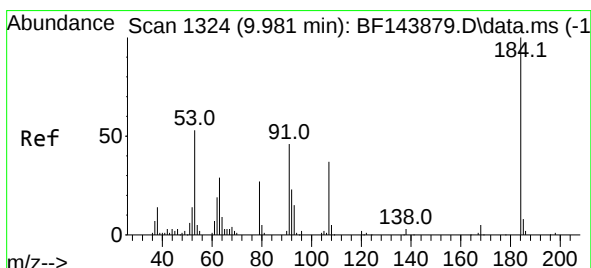
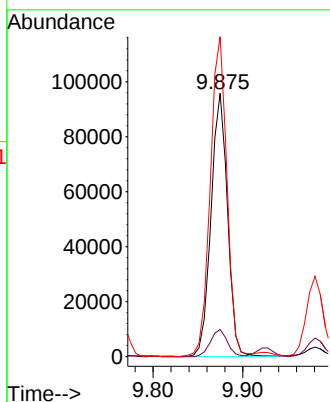
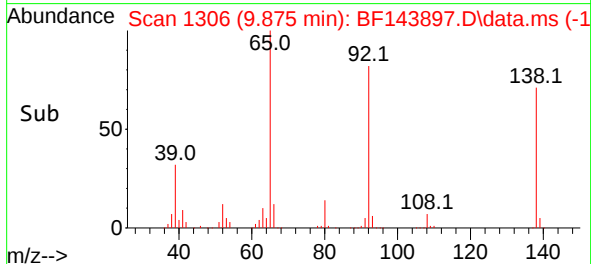
Instrument :
BNA_F
ClientSampleId :
HL-WESTMS



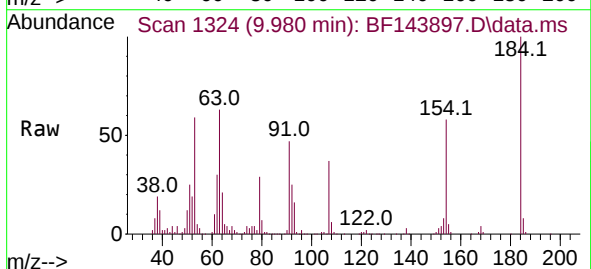
Tgt Ion:138 Resp: 123200
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 121.5 96.2 144.2

Manual Integrations
APPROVED

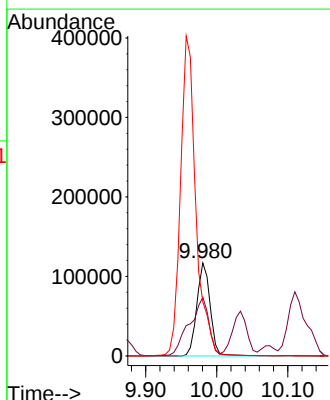
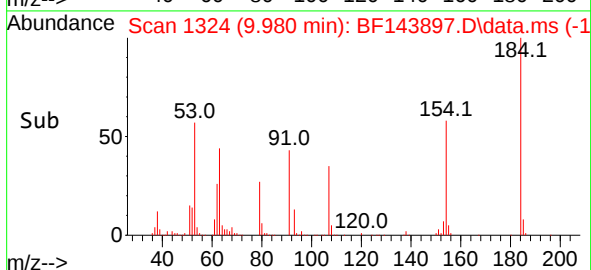
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

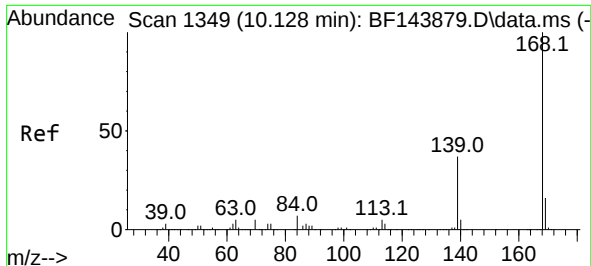


#54
2,4-Dinitrophenol
Concen: 89.574 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



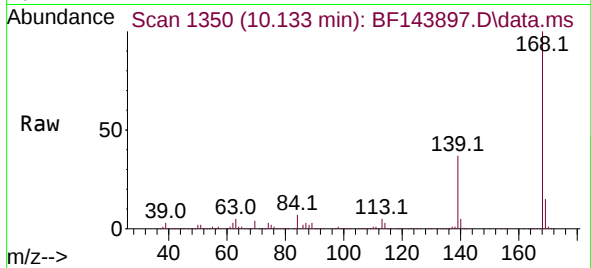
Tgt Ion:184 Resp: 151792
Ion Ratio Lower Upper
184 100
63 63.2 48.2 72.4
154 58.0 49.2 73.8





#55
Dibenzofuran
Concen: 49.701 ng
RT: 10.133 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

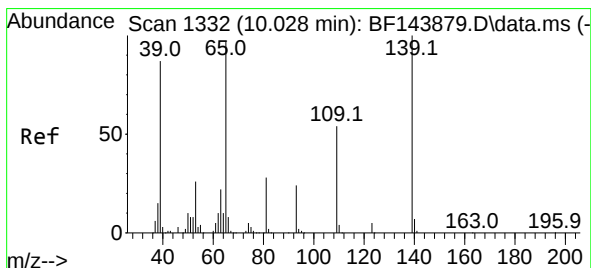
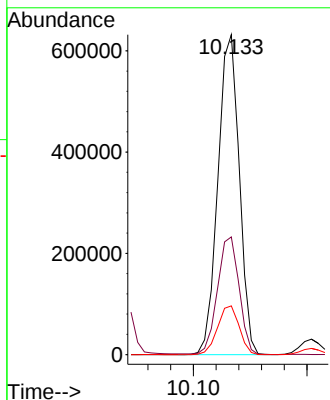
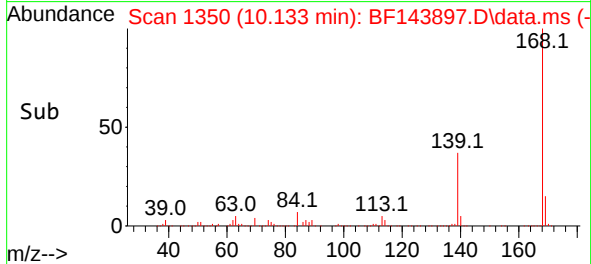
Instrument :
BNA_F
ClientSampleId :
HL-WESTMS



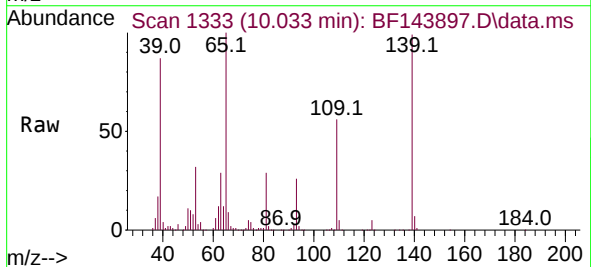
Tgt Ion:168 Resp: 823986
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.8
169 15.2 12.8 19.2

Manual Integrations
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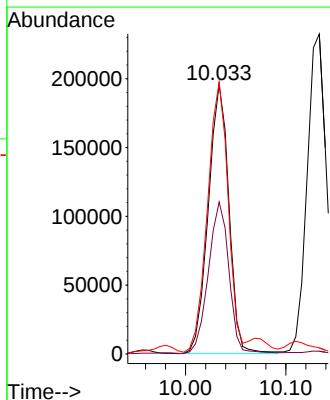
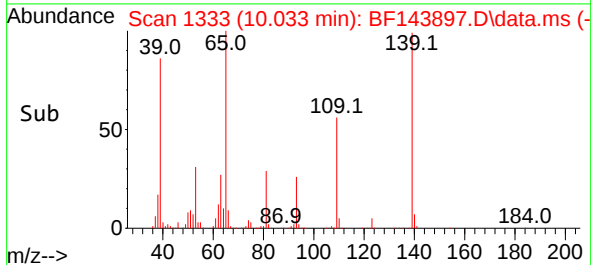
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

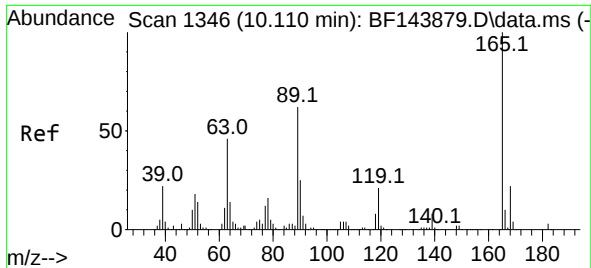


#56
4-Nitrophenol
Concen: 111.003 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



Tgt Ion:139 Resp: 279884
Ion Ratio Lower Upper
139 100
109 56.4 34.5 74.5
65 100.9 77.6 117.6





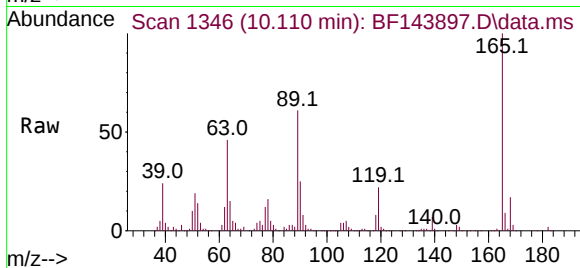
#57
2,4-Dinitrotoluene
Concen: 60.287 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS



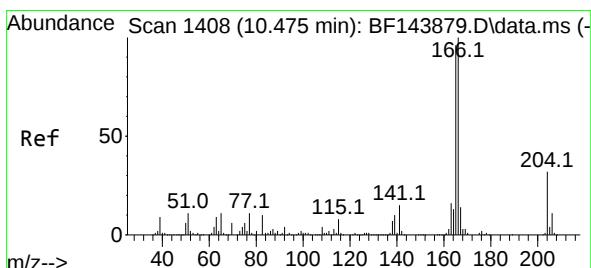
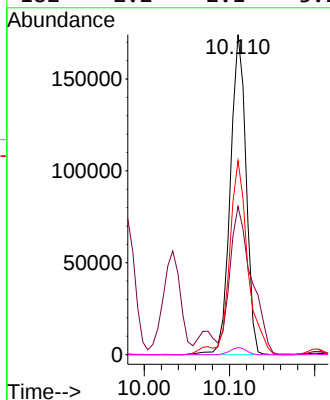
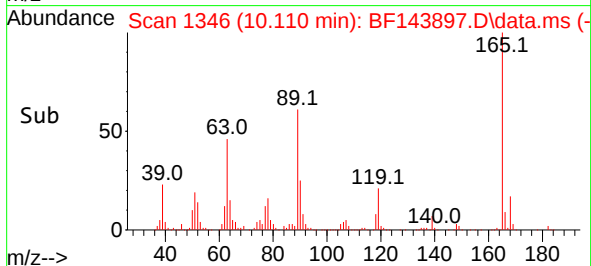
Tgt Ion:165 Resp: 223089
Ion Ratio Lower Upper
165 100
63 46.3 37.2 55.8
89 60.6 49.4 74.2
182 2.2 2.1 3.1

Manual Integrations

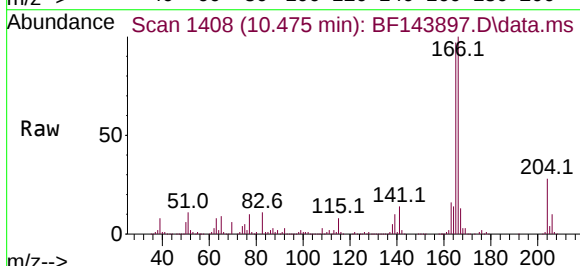
APPROVED

Reviewed By :Rahul Chavli 10/09/2025

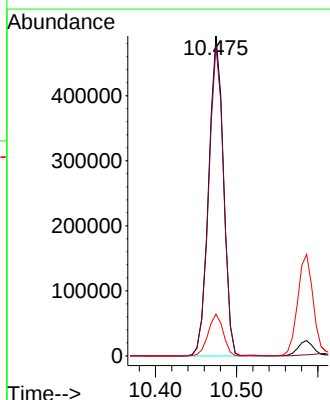
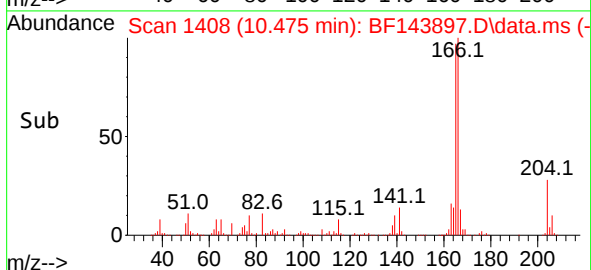
Supervised By :Jagrut Upadhyay 10/09/2025

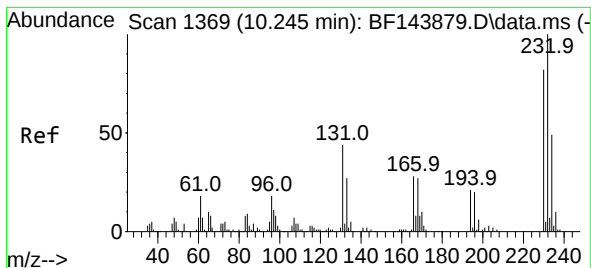


#58
Fluorene
Concen: 49.852 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



Tgt Ion:166 Resp: 623639
Ion Ratio Lower Upper
166 100
165 96.8 77.0 115.6
167 13.0 11.1 16.7





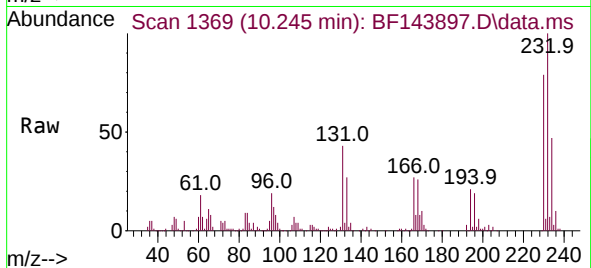
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.808 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS



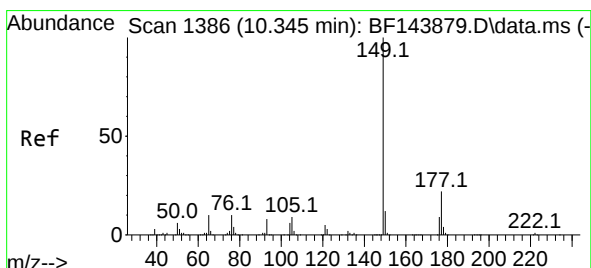
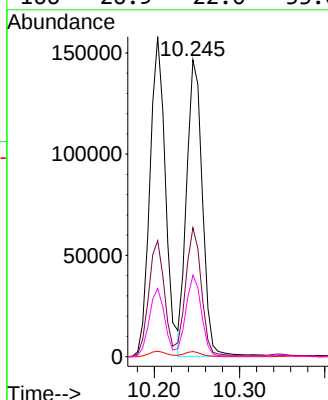
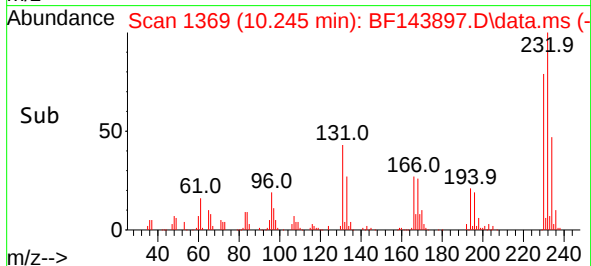
Tgt Ion:232 Resp: 187732
Ion Ratio Lower Upper
232 100
131 44.1 34.9 52.3
130 1.8 1.6 2.4
166 26.9 22.0 33.0

Manual Integrations

APPROVED

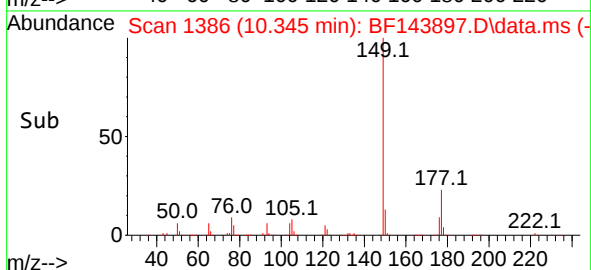
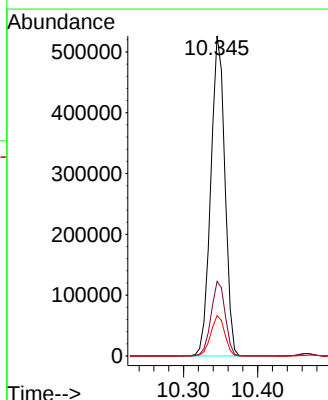
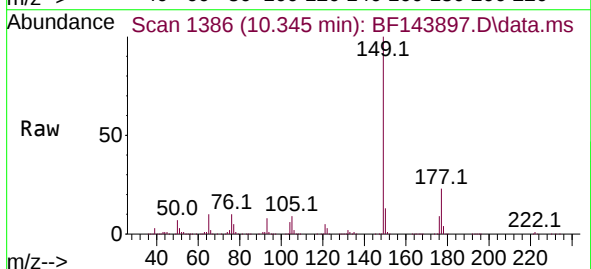
Reviewed By :Rahul Chavli 10/09/2025

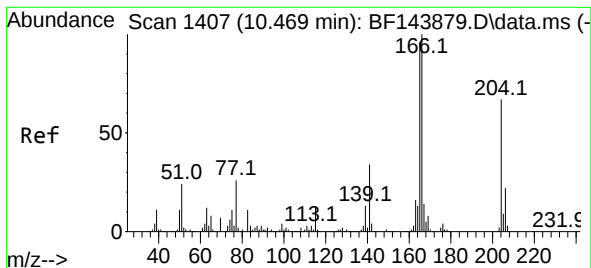
Supervised By :Jagrut Upadhyay 10/09/2025



#60
Diethylphthalate
Concen: 50.975 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Tgt Ion:149 Resp: 694553
Ion Ratio Lower Upper
149 100
177 23.3 17.9 26.9
150 12.6 9.8 14.8





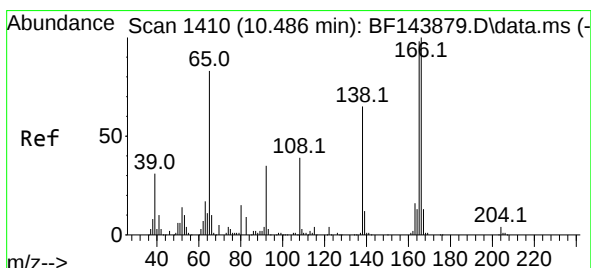
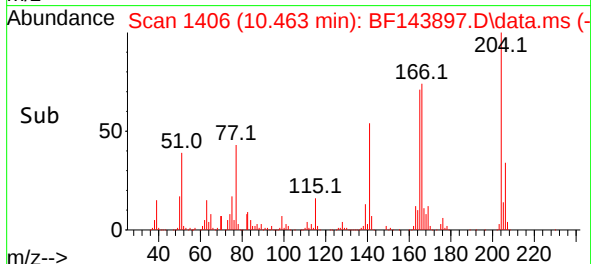
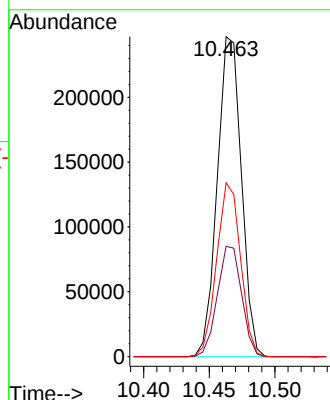
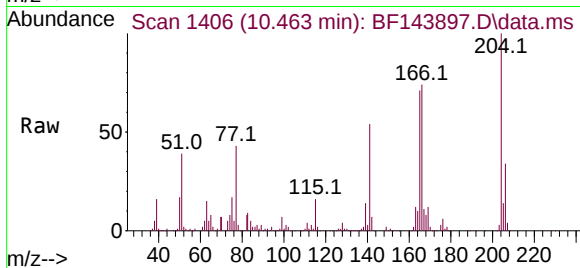
#61
4-Chlorophenyl-phenylether
Concen: 47.901 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :
BNA_F
ClientSampleId :
HL-WESTMS

Tgt Ion:204 Resp: 316810
Ion Ratio Lower Upper
204 100
206 34.5 26.6 40.0
141 54.3 40.4 60.6

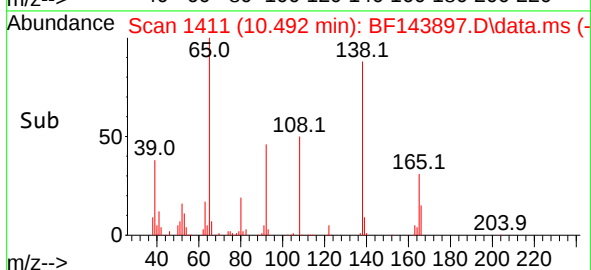
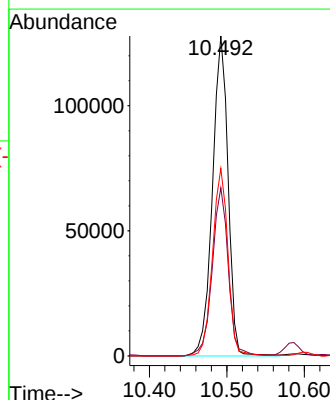
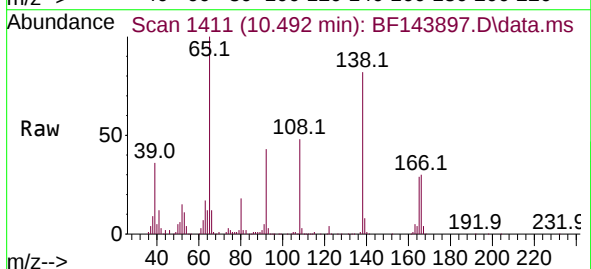
Manual Integrations
APPROVED

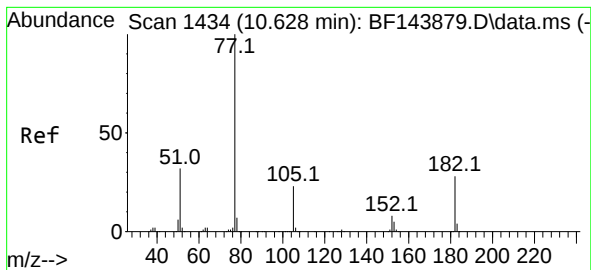
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#62
4-Nitroaniline
Concen: 55.817 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

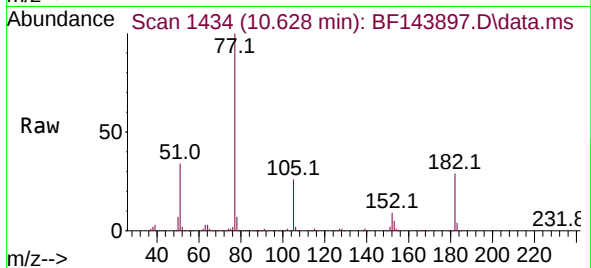
Tgt Ion:138 Resp: 178740
Ion Ratio Lower Upper
138 100
92 52.5 33.9 73.9
108 58.6 40.2 80.2





#63
Azobenzene
Concen: 56.489 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

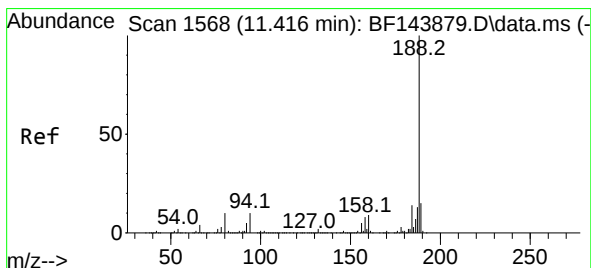
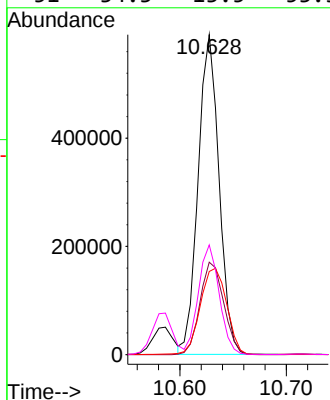
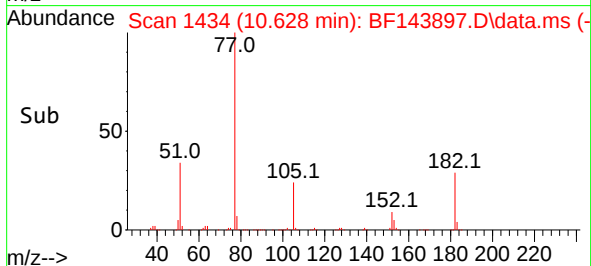
Instrument :
BNA_F
ClientSampleId :
HL-WESTMS



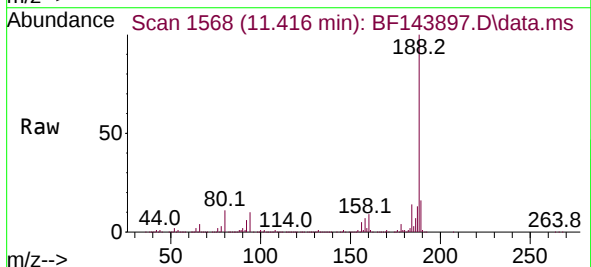
Tgt Ion: 77 Resp: 804430
Ion Ratio Lower Upper
77 100
182 28.9 7.3 47.3
105 26.0 3.0 43.0
51 34.3 13.5 53.5

Manual Integrations
APPROVED

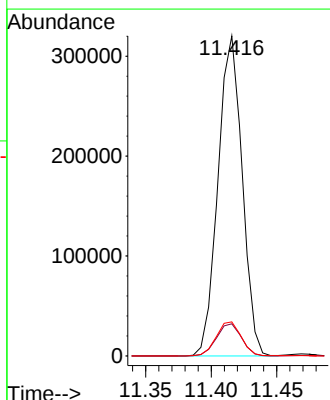
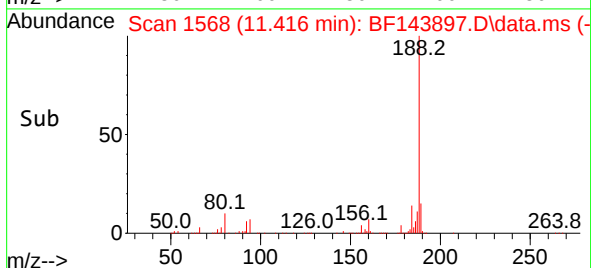
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

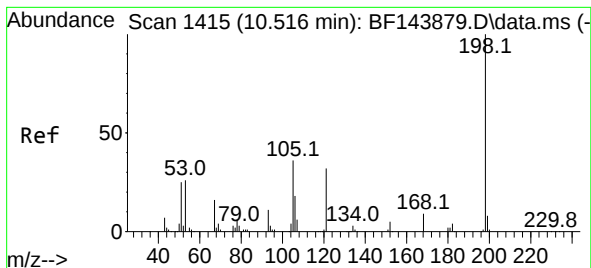


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



Tgt Ion:188 Resp: 411834
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.6 7.9 11.9





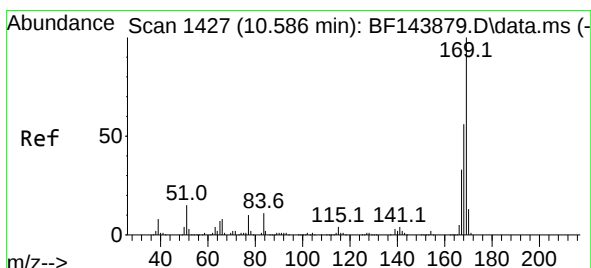
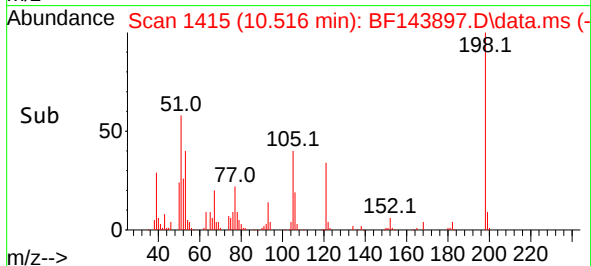
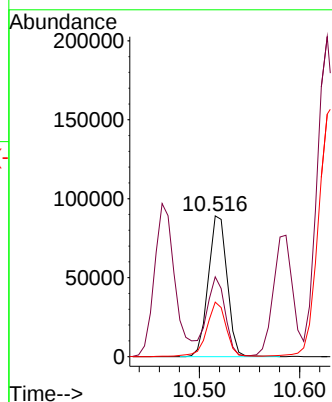
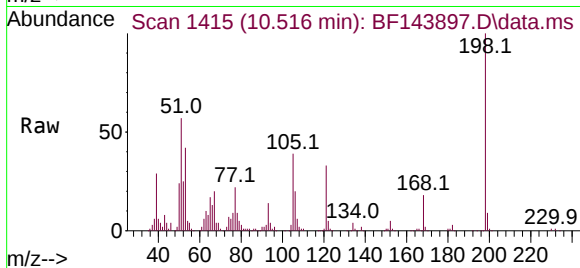
#65
4,6-Dinitro-2-methylphenol
Concen: 56.093 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :
BNA_F
ClientSampleId :
HL-WESTMS

Tgt Ion:198 Resp: 116089
Ion Ratio Lower Upper
198 100
51 56.7 33.8 73.8
105 38.7 17.0 57.0

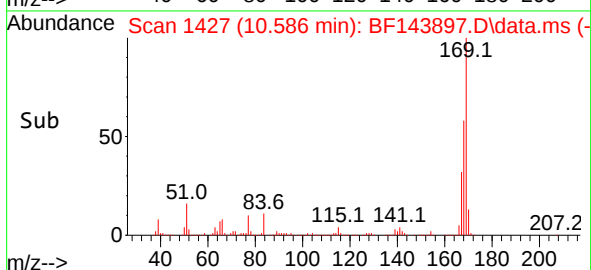
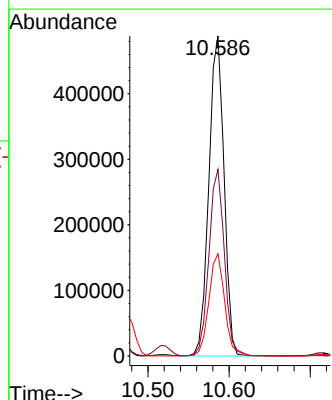
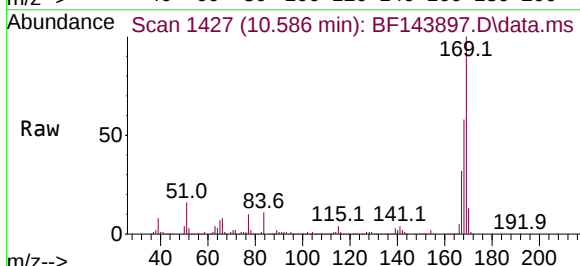
Manual Integrations
APPROVED

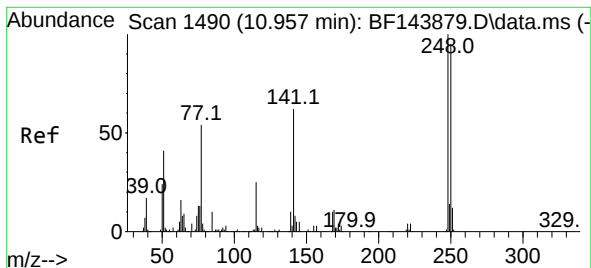
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#66
n-Nitrosodiphenylamine
Concen: 49.131 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

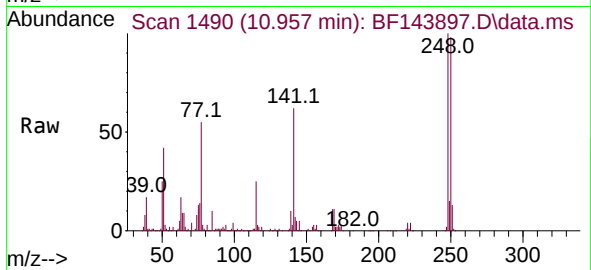
Tgt Ion:169 Resp: 635321
Ion Ratio Lower Upper
169 100
168 58.3 44.9 67.3
167 32.0 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 47.323 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

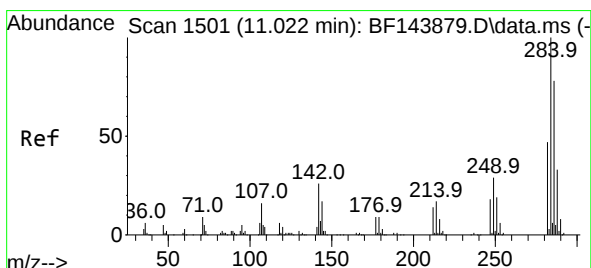
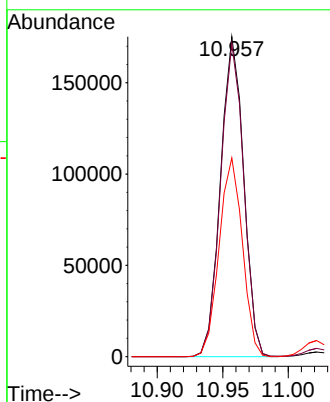
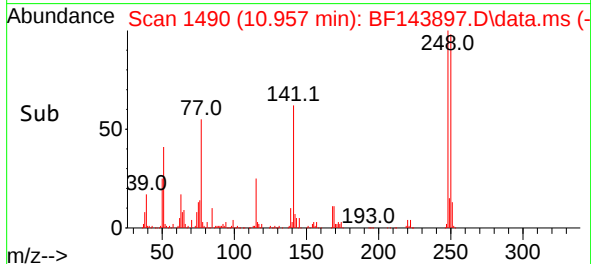
Instrument :
BNA_F
ClientSampleId :
HL-WESTMS



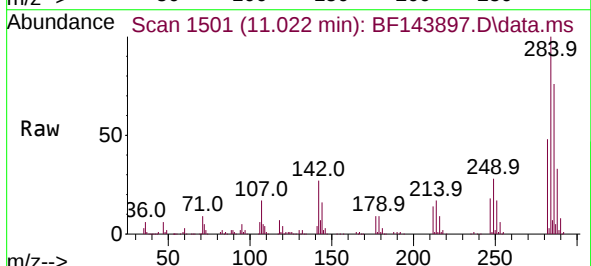
Tgt Ion:248 Resp: 215388
Ion Ratio Lower Upper
248 100
250 97.8 76.3 114.5
141 62.1 49.7 74.5

Manual Integrations
APPROVED

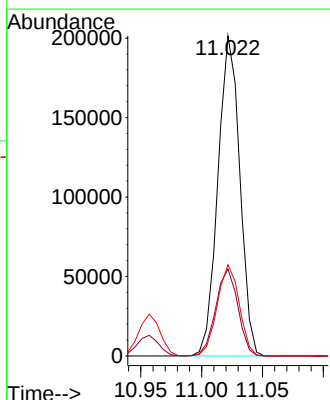
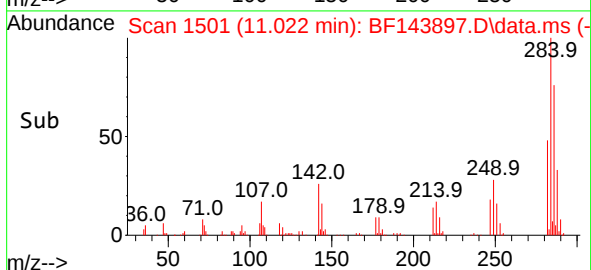
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

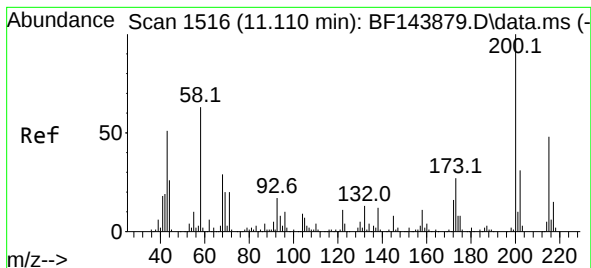


#68
Hexachlorobenzene
Concen: 47.883 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



Tgt Ion:284 Resp: 252307
Ion Ratio Lower Upper
284 100
142 27.1 20.6 30.8
249 28.5 23.2 34.8





#69

Atrazine

Concen: 53.753 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143897.D

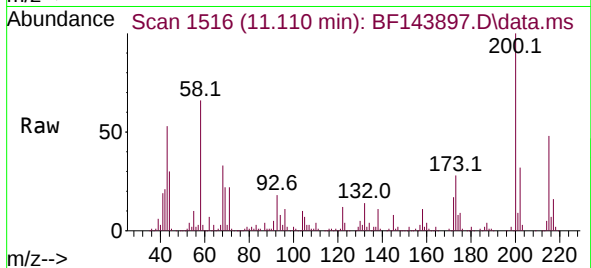
Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS



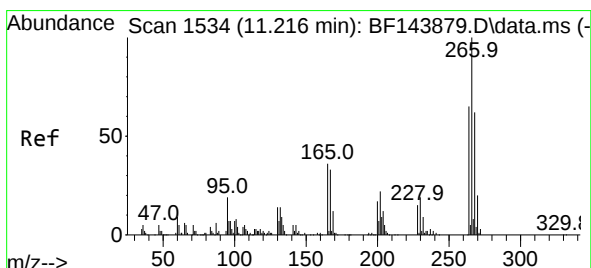
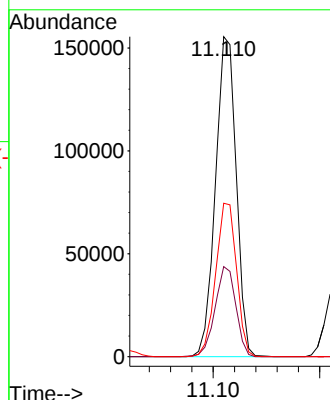
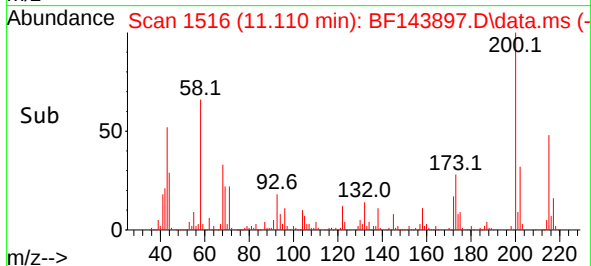
Tgt Ion:	200	Resp:	210679
Ion Ratio	Lower	Upper	
200	100		
173	28.1	7.0	47.0
215	47.9	27.8	67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#70

Pentachlorophenol

Concen: 100.416 ng

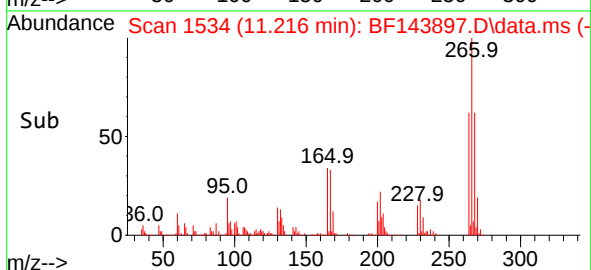
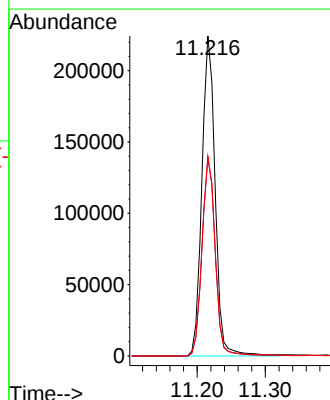
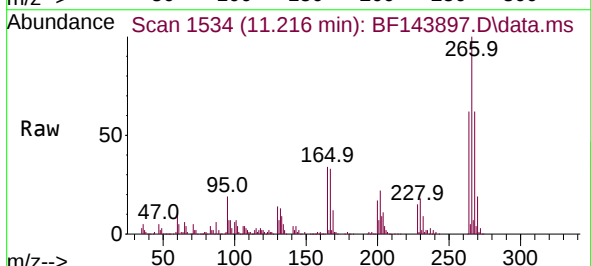
RT: 11.216 min Scan# 1534

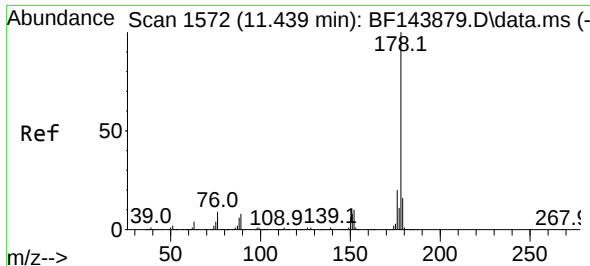
Delta R.T. -0.006 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Tgt Ion:	266	Resp:	303883
Ion Ratio	Lower	Upper	
266	100		
268	61.9	49.4	74.0
264	62.3	51.8	77.6





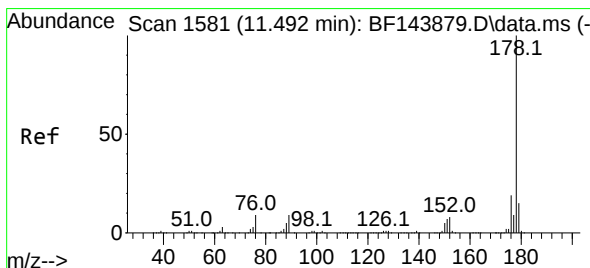
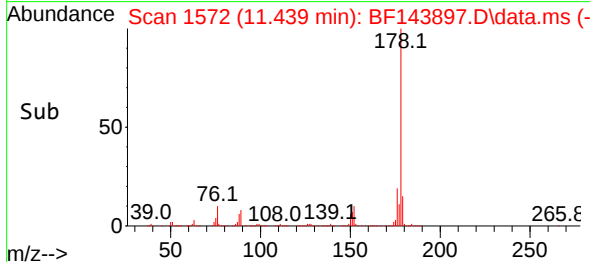
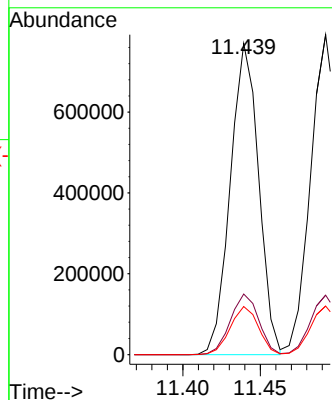
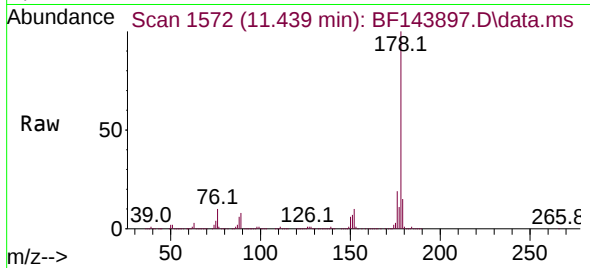
#71
Phenanthrene
Concen: 49.098 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :
BNA_F
ClientSampleId :
HL-WESTMS

Tgt Ion:178 Resp: 980285
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.5 12.4 18.6

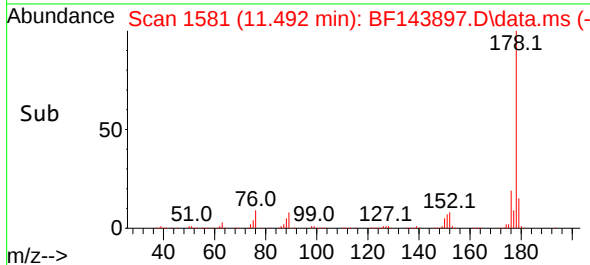
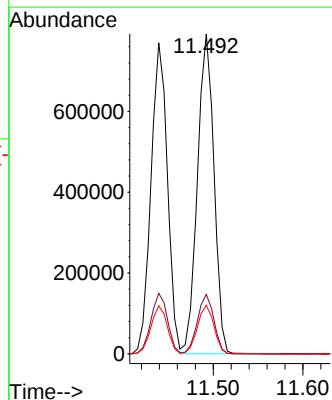
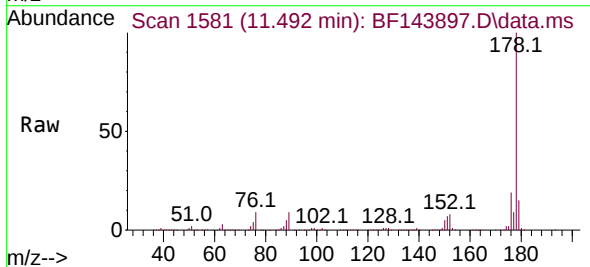
Manual Integrations
APPROVED

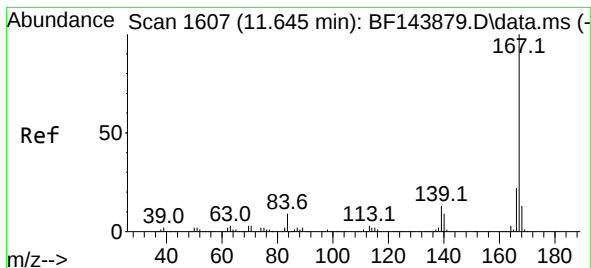
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#72
Anthracene
Concen: 50.304 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

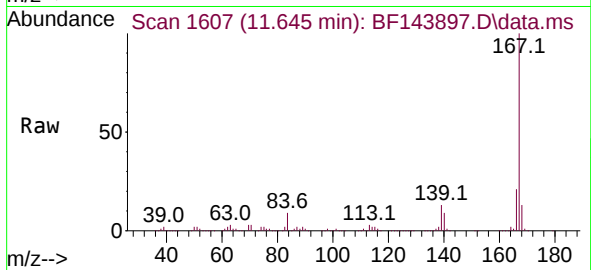
Tgt Ion:178 Resp: 1014637
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 51.533 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143897.D
 Acq: 08 Oct 2025 16:09

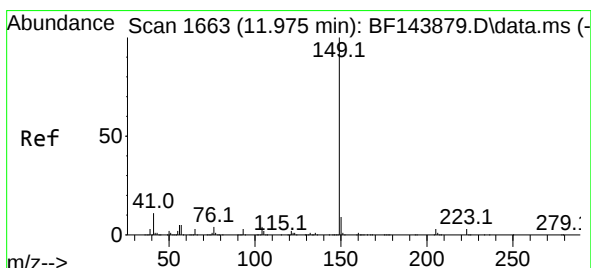
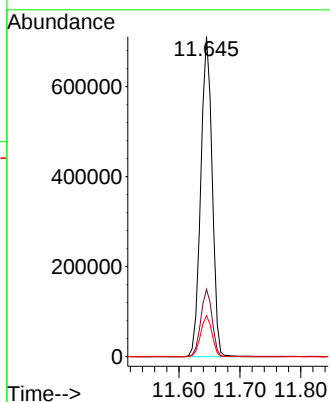
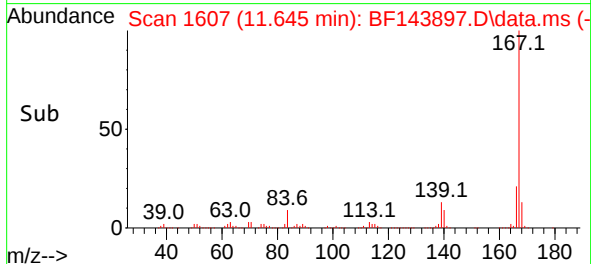
Instrument :
 BNA_F
 ClientSampleId :
 HL-WESTMS



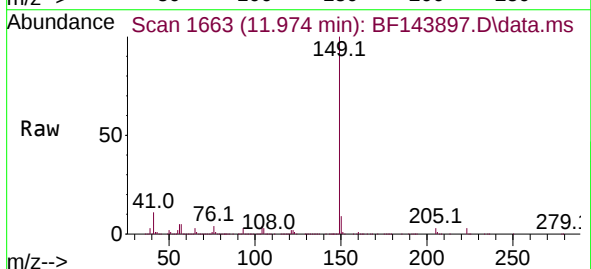
Tgt Ion:167 Resp: 920583
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.8 10.1 15.1

Manual Integrations
 APPROVED

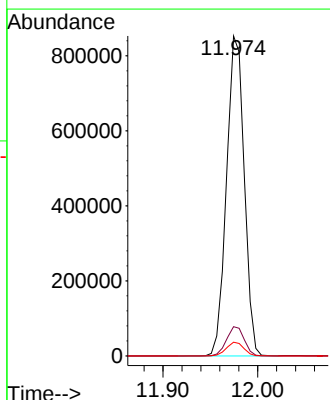
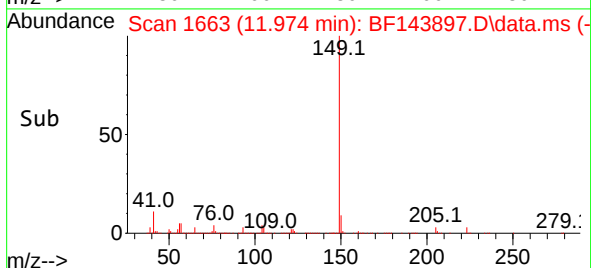
Reviewed By :Rahul Chavli 10/09/2025
 Supervised By :Jagrut Upadhyay 10/09/2025

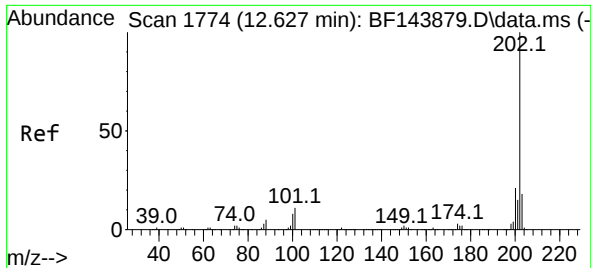


#74
 Di-n-butylphthalate
 Concen: 53.521 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143897.D
 Acq: 08 Oct 2025 16:09



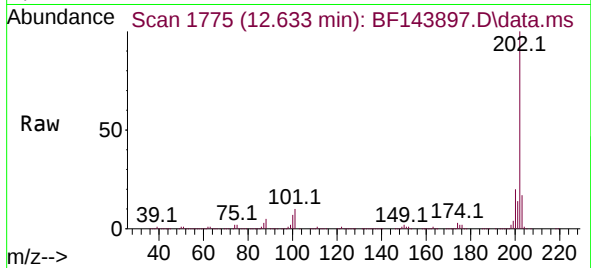
Tgt Ion:149 Resp: 1108092
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.3 3.4 5.2





#75
Fluoranthene
Concen: 53.279 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

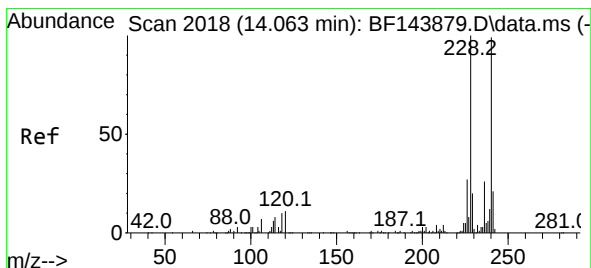
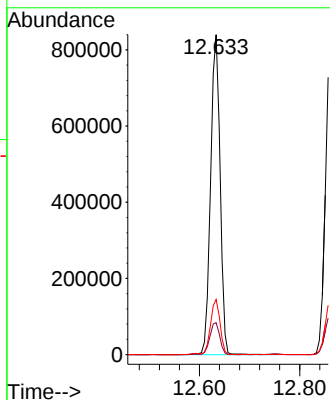
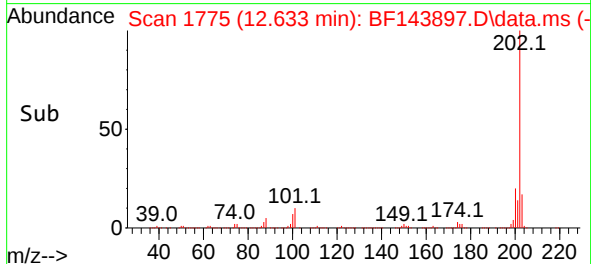
Instrument :
BNA_F
ClientSampleId :
HL-WESTMS



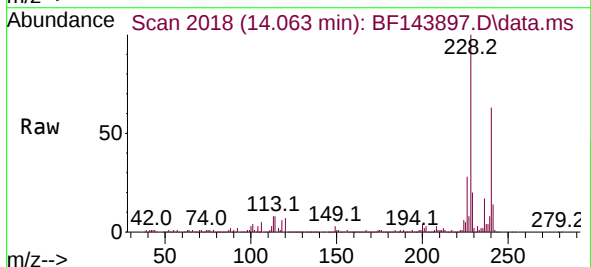
Tgt Ion:202 Resp: 1098785
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.7
203 17.2 0.0 37.8

Manual Integrations
APPROVED

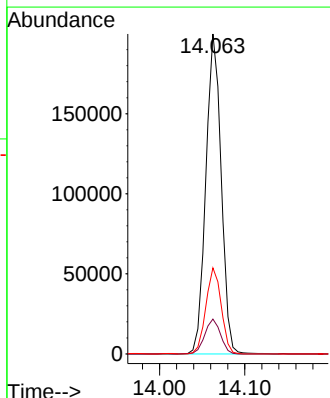
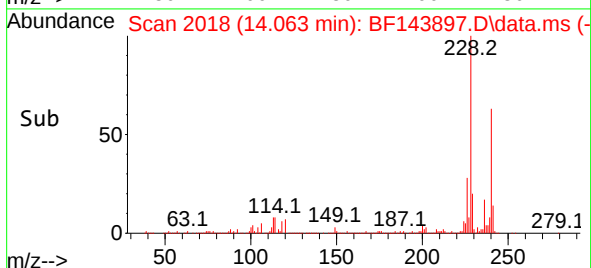
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

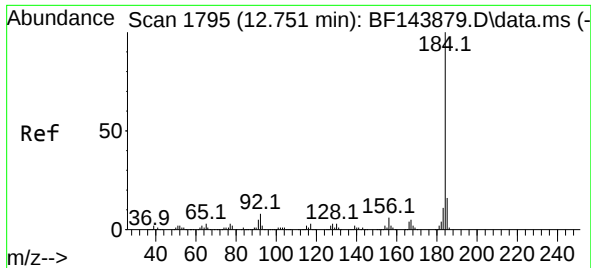


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



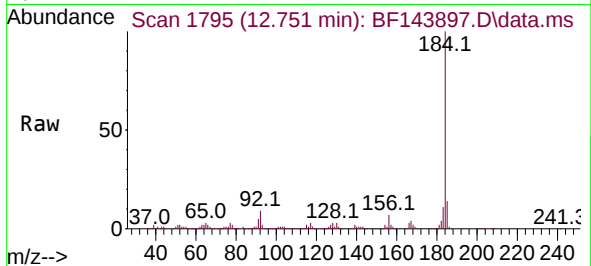
Tgt Ion:240 Resp: 249185
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 26.9 21.1 31.7





#77
Benzidine
Concen: 57.704 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

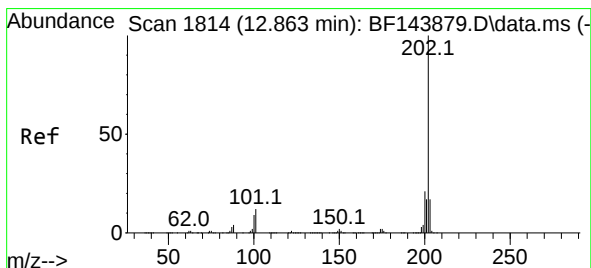
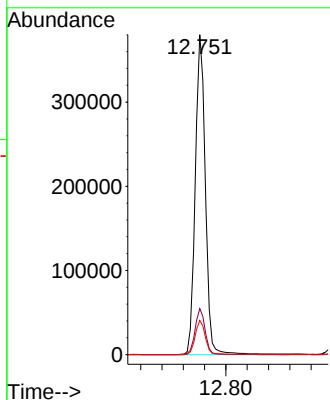
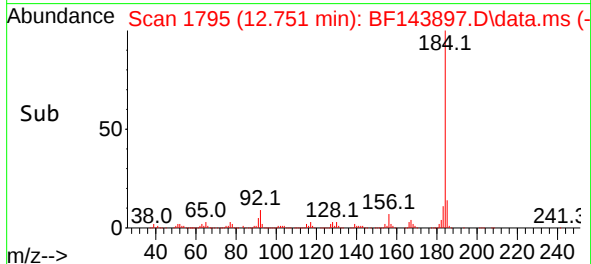
Instrument :
BNA_F
ClientSampleId :
HL-WESTMS



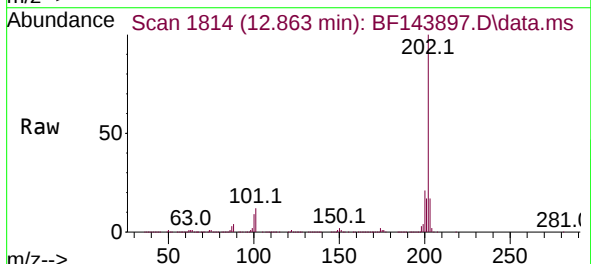
Tgt Ion:184 Resp: 49927
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 10.7 8.8 13.2

Manual Integrations
APPROVED

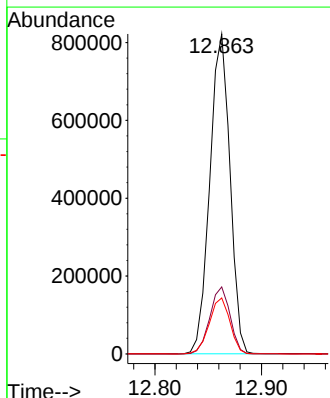
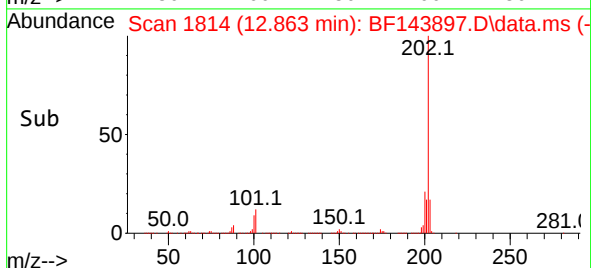
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

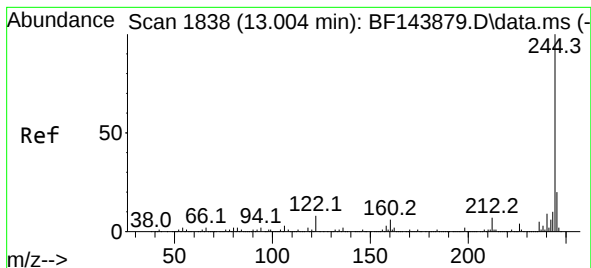


#78
Pyrene
Concen: 52.048 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



Tgt Ion:202 Resp: 1081251
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 17.5 13.8 20.6





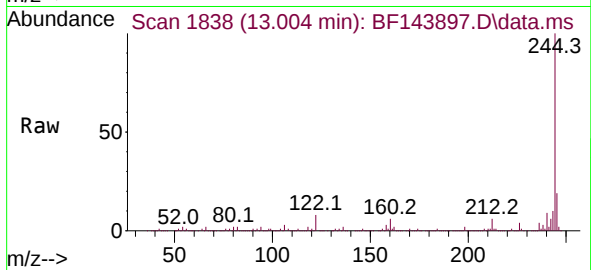
#79
 Terphenyl-d14
 Concen: 62.271 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143897.D
 Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS



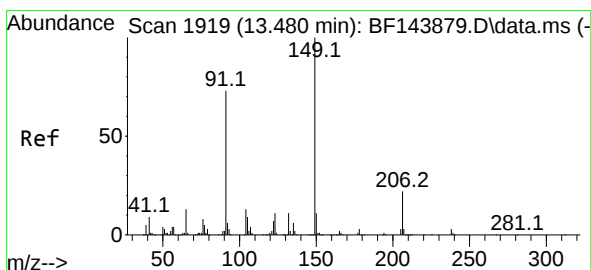
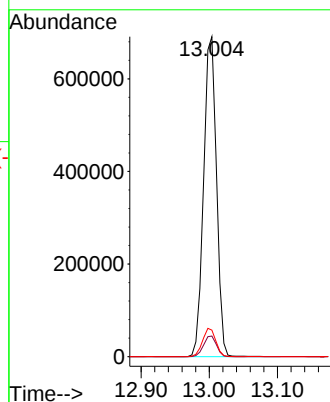
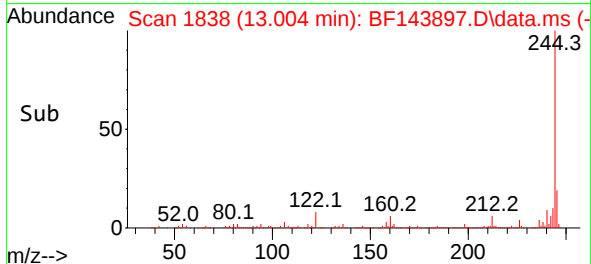
Tgt Ion:244 Resp: 907922
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.3 6.4 9.6

Manual Integrations

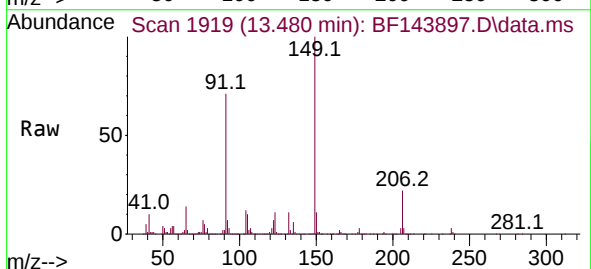
APPROVED

Reviewed By :Rahul Chavli 10/09/2025

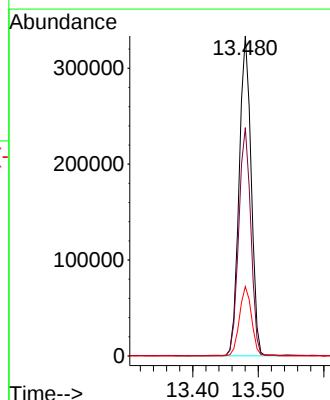
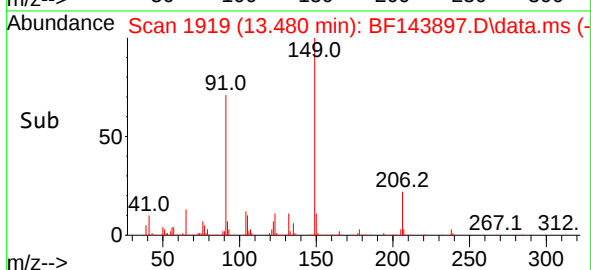
Supervised By :Jagrut Upadhyay 10/09/2025

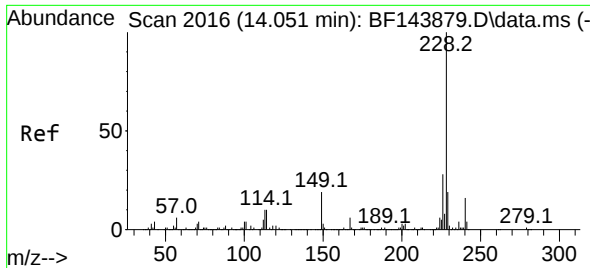


#80
 Butylbenzylphthalate
 Concen: 62.685 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143897.D
 Acq: 08 Oct 2025 16:09



Tgt Ion:149 Resp: 422920
 Ion Ratio Lower Upper
 149 100
 91 71.3 58.2 87.2
 206 21.7 17.9 26.9





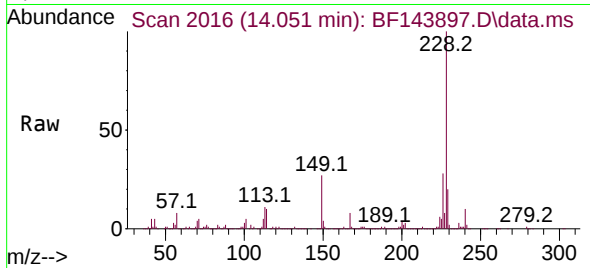
#81
Benzo(a)anthracene
Concen: 51.864 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS

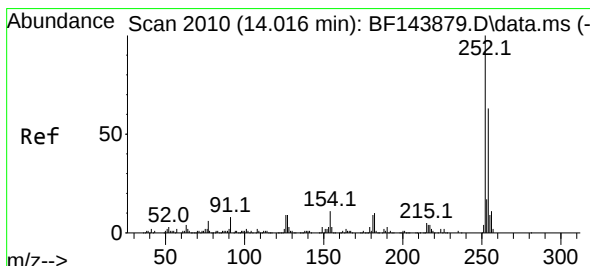
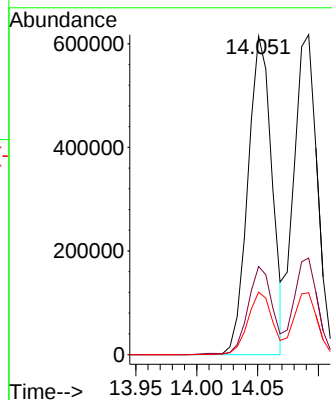
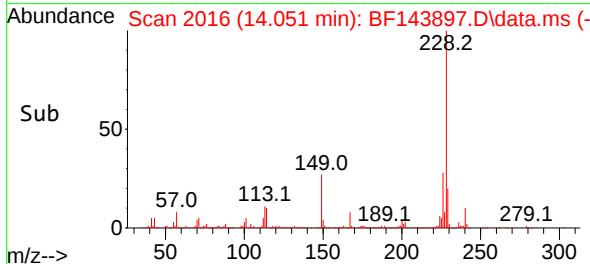


Tgt Ion:228 Resp: 845739
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 19.6 15.6 23.4

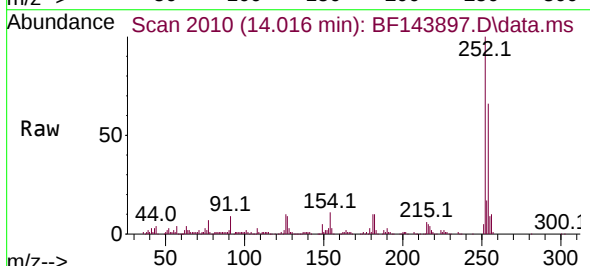
Manual Integrations

APPROVED

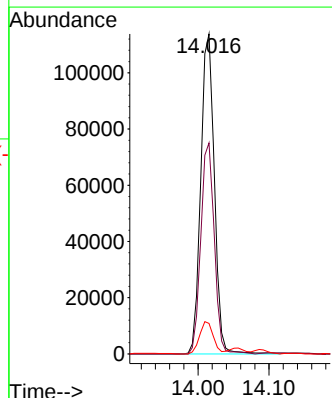
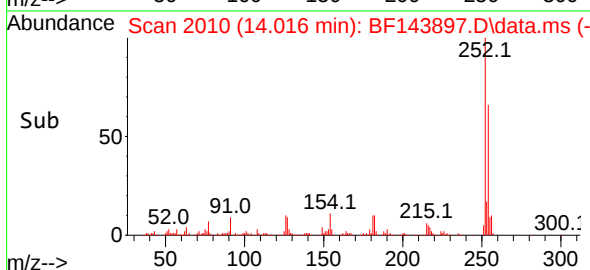
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

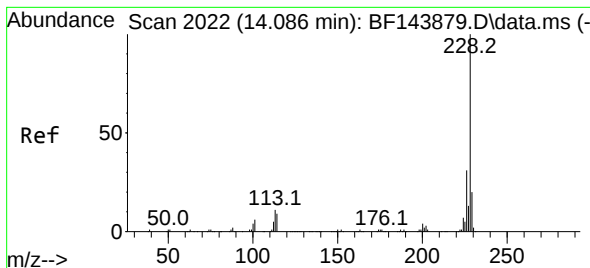


#82
3,3'-Dichlorobenzidine
Concen: 30.299 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



Tgt Ion:252 Resp: 150568
Ion Ratio Lower Upper
252 100
254 65.9 50.6 76.0
126 9.5 7.0 10.6





#83

Chrysene

Concen: 54.178 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS

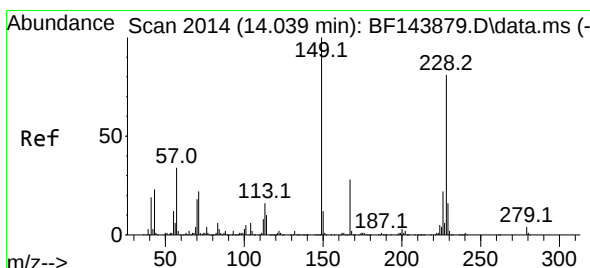
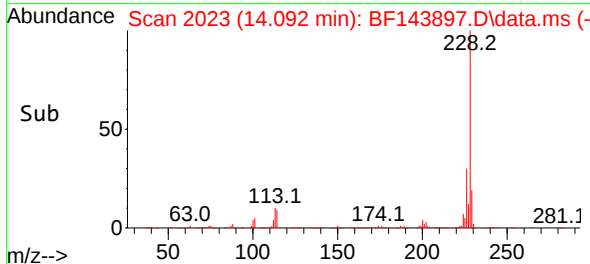
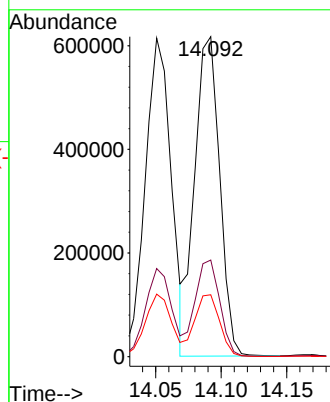
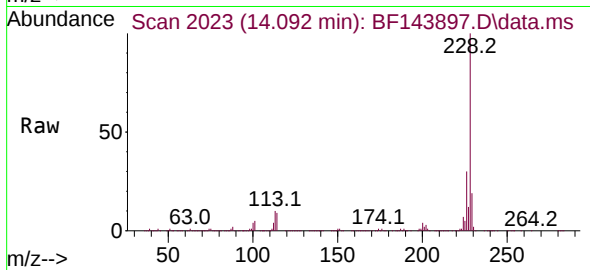
Tgt Ion:	228	Resp:	817672
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.4	36.6
229	19.3	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.370 ng

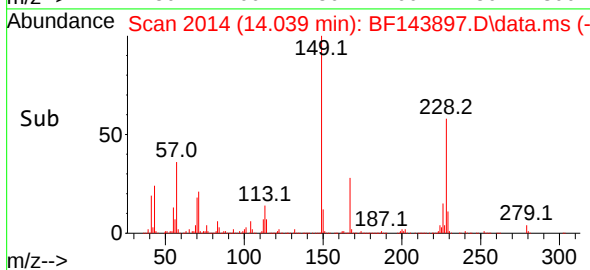
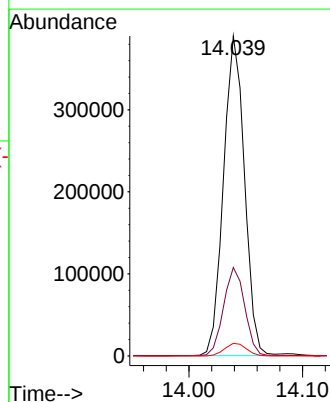
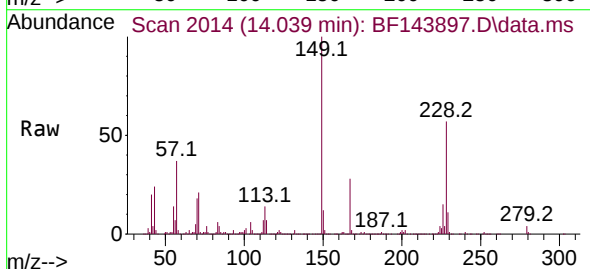
RT: 14.039 min Scan# 2014

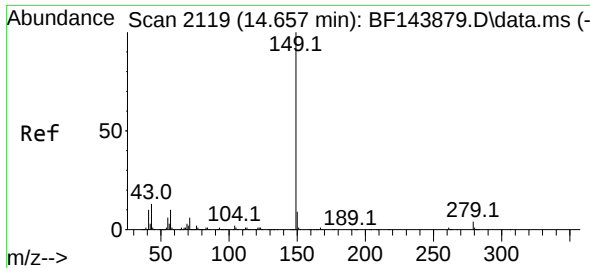
Delta R.T. 0.000 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Tgt Ion:	149	Resp:	499120
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.2	33.4
279	3.9	3.1	4.7





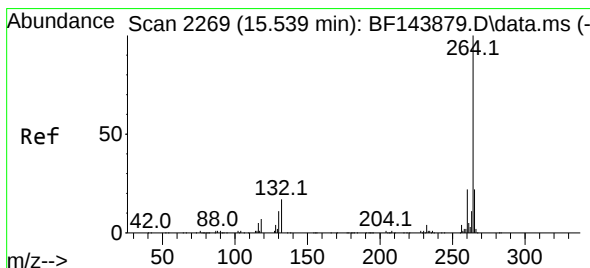
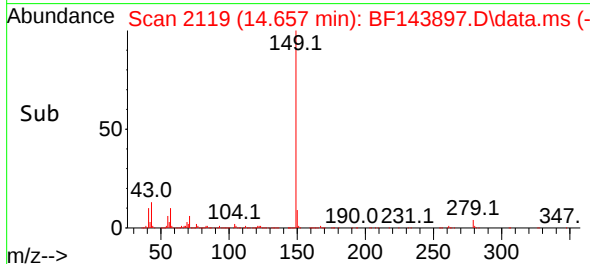
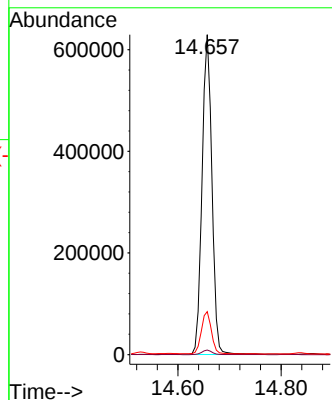
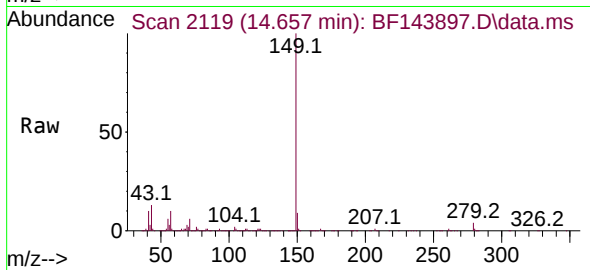
#85
Di-n-octyl phthalate
Concen: 62.287 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :
BNA_F
ClientSampleId :
HL-WESTMS

Tgt Ion:149 Resp: 832020
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 13.3 11.0 16.4

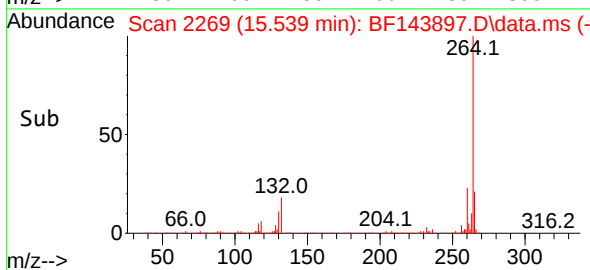
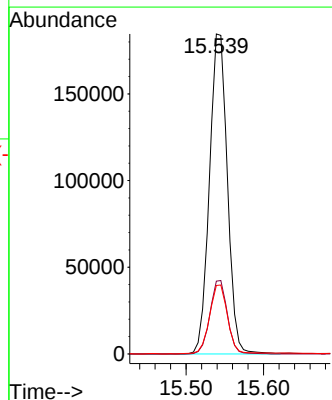
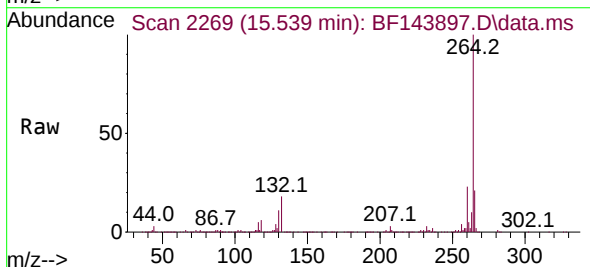
Manual Integrations
APPROVED

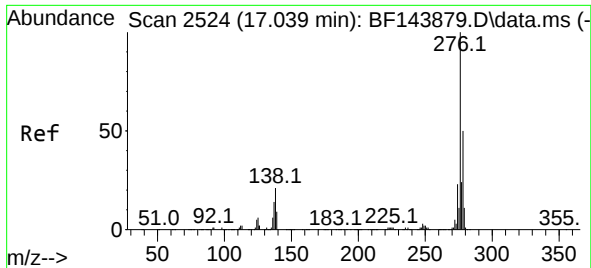
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Tgt Ion:264 Resp: 296275
Ion Ratio Lower Upper
264 100
260 22.7 17.8 26.8
265 21.4 17.5 26.3





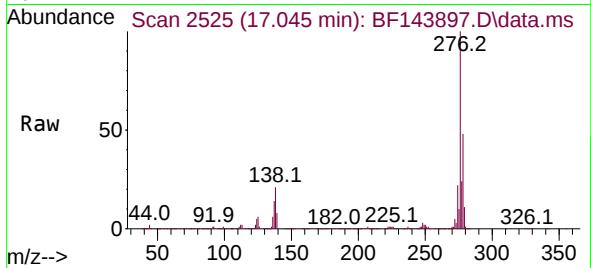
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.928 ng
RT: 17.045 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS

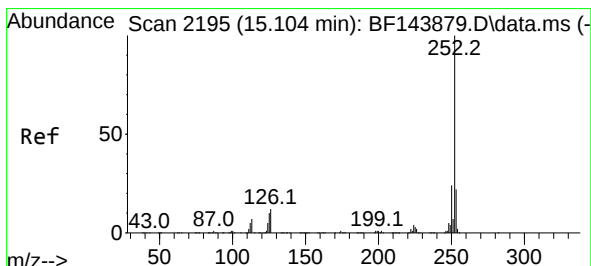
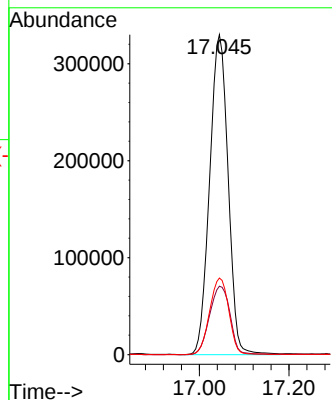
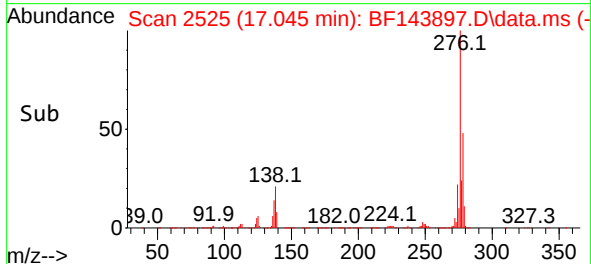


Tgt Ion:276 Resp: 942712
Ion Ratio Lower Upper
276 100
138 23.8 18.2 27.2
277 24.9 19.8 29.6

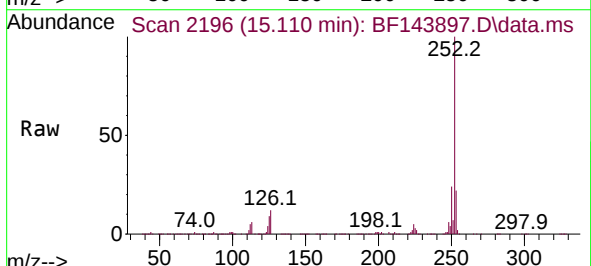
Manual Integrations

APPROVED

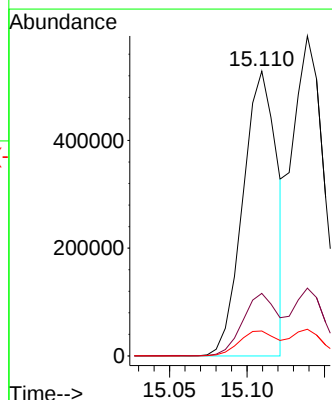
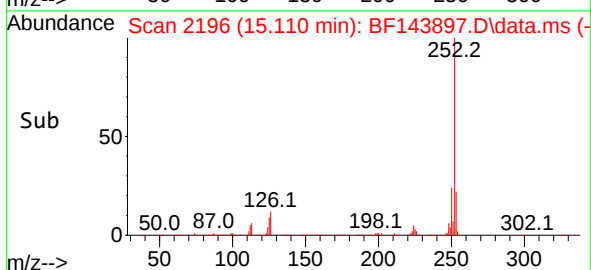
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

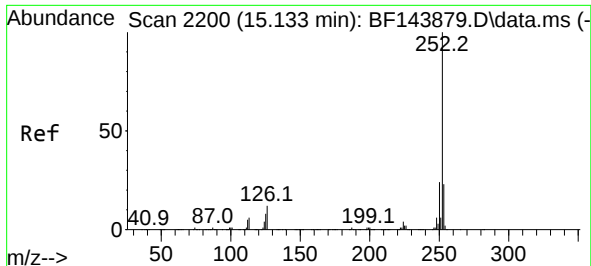


#88
Benzo(b)fluoranthene
Concen: 47.457 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09



Tgt Ion:252 Resp: 807663
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 52.971 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

HL-WESTMS

Tgt Ion:252 Resp: 83418

Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.8

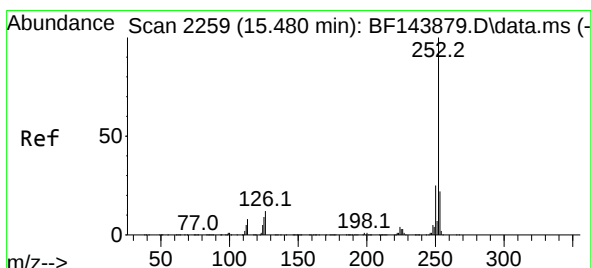
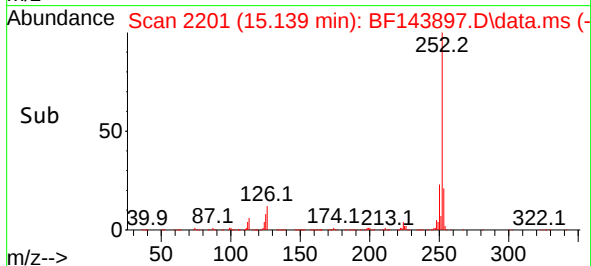
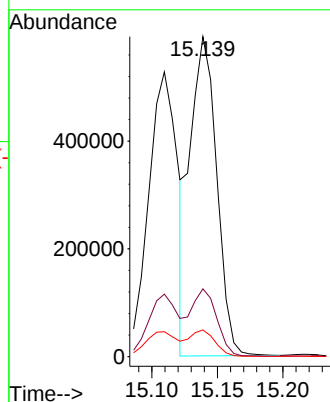
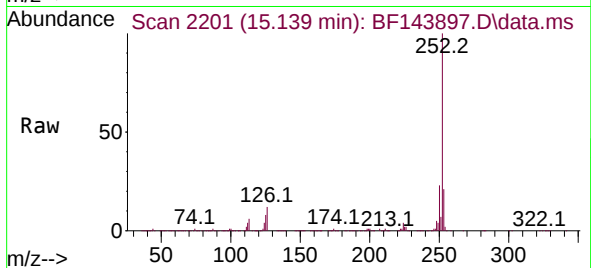
125 8.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#90

Benzo(a)pyrene

Concen: 54.647 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143897.D

Acq: 08 Oct 2025 16:09

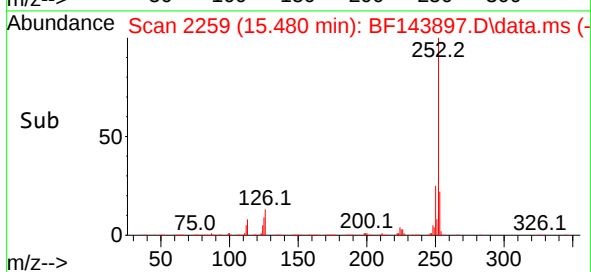
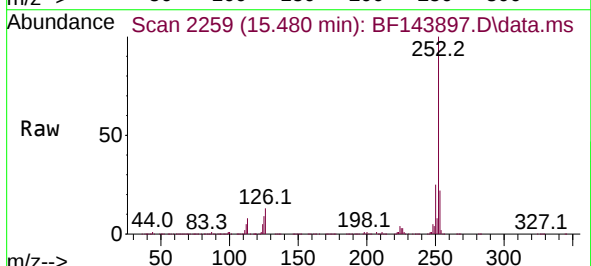
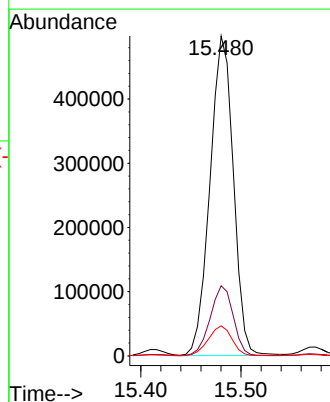
Tgt Ion:252 Resp: 806435

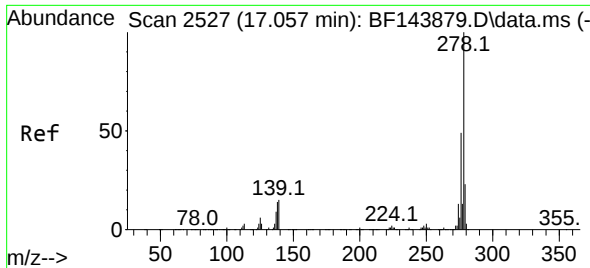
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

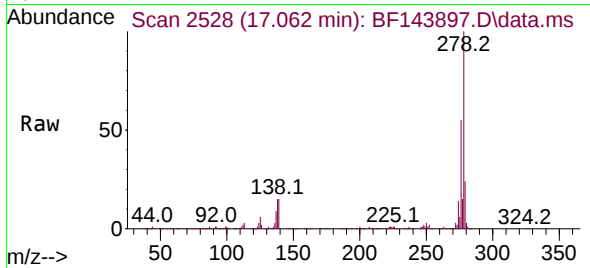
125 9.4 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 50.806 ng
RT: 17.062 min Scan# 2527
Delta R.T. -0.018 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

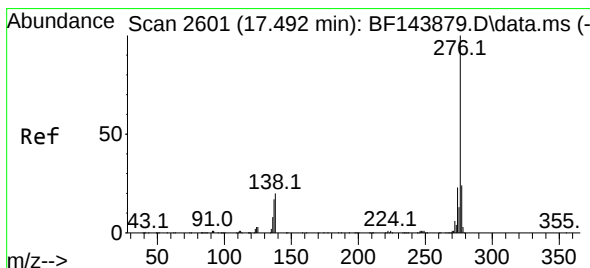
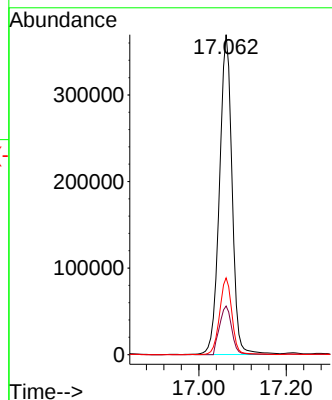
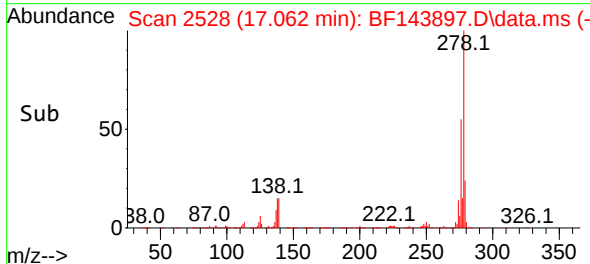
Instrument :
BNA_F
ClientSampleId :
HL-WESTMS



Tgt Ion:278 Resp: 741799
Ion Ratio Lower Upper
278 100
139 15.2 11.7 17.5
279 24.0 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#92
Benzo(g,h,i)perylene
Concen: 49.565 ng
RT: 17.498 min Scan# 2602
Delta R.T. -0.018 min
Lab File: BF143897.D
Acq: 08 Oct 2025 16:09

Tgt Ion:276 Resp: 723686
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 21.3 16.1 24.1

