

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143898.D
 Acq On : 08 Oct 2025 16:38
 Operator : RC/JU
 Sample : Q3303-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL-WESTMSD

Quant Time: Oct 08 16:59:32 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	101899	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	405646	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	222659	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	390191	20.000	ng	0.00
76) Chrysene-d12	14.063	240	225428	20.000	ng	0.00
86) Perylene-d12	15.539	264	282211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	576349	89.818	ng	0.00
7) Phenol-d6	6.504	99	705119	92.189	ng	-0.01
23) Nitrobenzene-d5	7.439	82	404746	60.620	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	200631	90.467	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	747464	53.267	ng	-0.01
79) Terphenyl-d14	13.004	244	811412	61.517	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	143885	48.456	ng	99
3) Pyridine	3.446	79	406130	46.982	ng	99
4) n-Nitrosodimethylamine	3.393	42	244999	53.877	ng	98
6) Aniline	6.545	93	428086	37.350	ng	99
8) 2-Chlorophenol	6.663	128	323548	51.582	ng	100
9) Benzaldehyde	6.434	77	200247	33.939	ng	99
10) Phenol	6.516	94	487214	53.282	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	359040	50.829	ng	98
12) 1,3-Dichlorobenzene	6.822	146	384249	51.177	ng	100
13) 1,4-Dichlorobenzene	6.898	146	382220	51.607	ng	99
14) 1,2-Dichlorobenzene	7.051	146	371684	52.394	ng	99
15) Benzyl Alcohol	7.022	79	316934	55.304	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	836770	52.043	ng	100
17) 2-Methylphenol	7.128	107	266850	51.478	ng	99
18) Hexachloroethane	7.398	117	128527	52.036	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	258333	49.343	ng	100
20) 3+4-Methylphenols	7.281	107	307034	51.104	ng	# 89
22) Acetophenone	7.292	105	454687	53.012	ng	99
24) Nitrobenzene	7.463	77	382447	51.580	ng	98
25) Isophorone	7.704	82	688706	48.920	ng	99
26) 2-Nitrophenol	7.781	139	180157	56.673	ng	99
27) 2,4-Dimethylphenol	7.810	122	317297	55.487	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	436544	49.088	ng	99
29) 2,4-Dichlorophenol	8.016	162	293472	49.269	ng	96
30) 1,2,4-Trichlorobenzene	8.104	180	303168	51.752	ng	99
31) Naphthalene	8.186	128	893868	48.441	ng	100
32) Benzoic acid	7.928	122	236771	59.827	ng	97
33) 4-Chloroaniline	8.233	127	165261	23.880	ng	98
34) Hexachlorobutadiene	8.304	225	194000	47.657	ng	99
35) Caprolactam	8.598	113	104654m	55.258	ng	
36) 4-Chloro-3-methylphenol	8.710	107	289376	50.576	ng	98
37) 2-Methylnaphthalene	8.880	142	548541	44.627	ng	99
38) 1-Methylnaphthalene	8.980	142	557711	46.778	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	318090	51.688	ng	98
41) Hexachlorocyclopentadiene	9.033	237	314509	123.190	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	230737	51.315	ng	97

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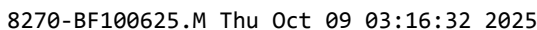
Reviewed By :Rahul Chavli 10/09/2025
 Supervised By :Jagrut Upadhyay 10/09/2025

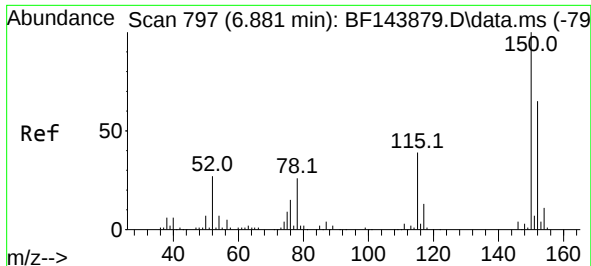
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	231042	48.623	ng	97
46) 1,1'-Biphenyl	9.345	154	780691	52.957	ng	99
47) 2-Chloronaphthalene	9.369	162	597495	48.611	ng	98
48) 2-Nitroaniline	9.463	65	215962	55.575	ng	98
49) Acenaphthylene	9.786	152	975384	56.447	ng	99
50) Dimethylphthalate	9.645	163	704761	49.842	ng	100
51) 2,6-Dinitrotoluene	9.704	165	149899	57.171	ng	98
52) Acenaphthene	9.957	154	591688	52.257	ng	100
53) 3-Nitroaniline	9.875	138	115961	36.120	ng	99
54) 2,4-Dinitrophenol	9.980	184	145243	88.955	ng	96
55) Dibenzofuran	10.133	168	793650	49.655	ng	98
56) 4-Nitrophenol	10.033	139	255096	104.941	ng	95
57) 2,4-Dinitrotoluene	10.110	165	215092	60.292	ng	97
58) Fluorene	10.475	166	584296	48.447	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	180088	53.540	ng	98
60) Diethylphthalate	10.345	149	667532	50.817	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	307569	48.236	ng	97
62) 4-Nitroaniline	10.492	138	165010	53.449	ng	96
63) Azobenzene	10.627	77	781216	56.903	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	107520	54.835	ng	95
66) n-Nitrosodiphenylamine	10.586	169	614771	50.179	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	211821	49.121	ng	99
68) Hexachlorobenzene	11.022	284	241925	48.460	ng	99
69) Atrazine	11.110	200	195470	52.639	ng	98
70) Pentachlorophenol	11.216	266	279238	97.390	ng	98
71) Phenanthrene	11.439	178	926678	48.988	ng	100
72) Anthracene	11.492	178	940243	49.201	ng	99
73) Carbazole	11.645	167	845327	49.945	ng	99
74) Di-n-butylphthalate	11.974	149	1046393	53.344	ng	99
75) Fluoranthene	12.633	202	967001	49.490	ng	99
77) Benzidine	12.751	184	414361	52.937	ng	99
78) Pyrene	12.863	202	967608	51.486	ng	100
80) Butylbenzylphthalate	13.480	149	355800	58.294	ng	100
81) Benzo(a)anthracene	14.051	228	752655	51.020	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	139723	31.079	ng	98
83) Chrysene	14.086	228	719133	52.670	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	423943	57.620	ng	100
85) Di-n-octyl phthalate	14.657	149	706651	58.477	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	858204	49.629	ng	98
88) Benzo(b)fluoranthene	15.110	252	773858	47.736	ng	99
89) Benzo(k)fluoranthene	15.139	252	745122	49.673	ng	98
90) Benzo(a)pyrene	15.480	252	732413	52.105	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	698127	50.198	ng	100
92) Benzo(g,h,i)perylene	17.492	276	684818	49.240	ng	99

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

Manual Integrations APPROVED

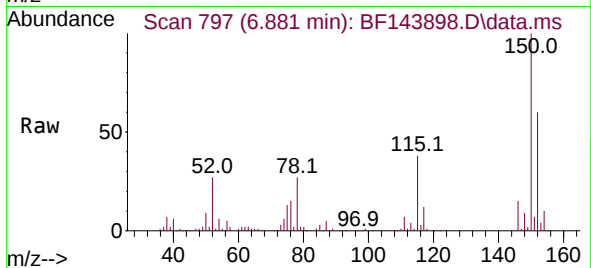
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

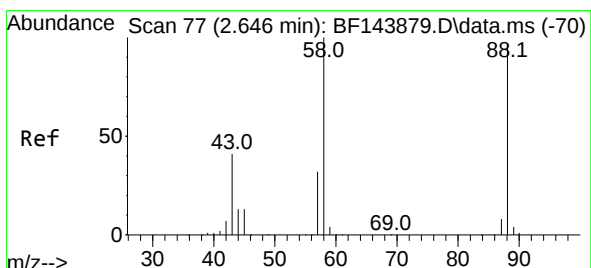
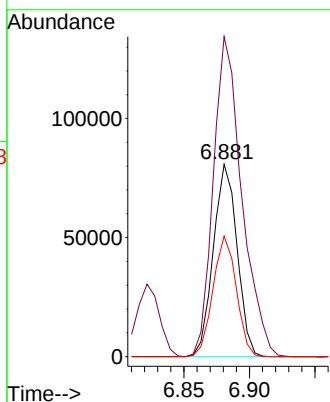
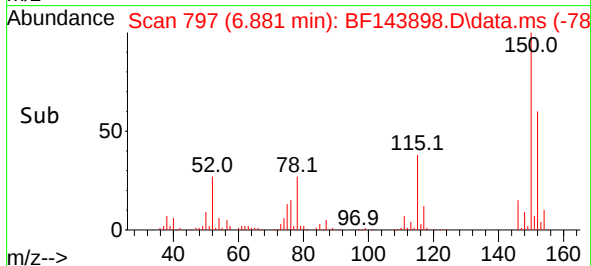
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



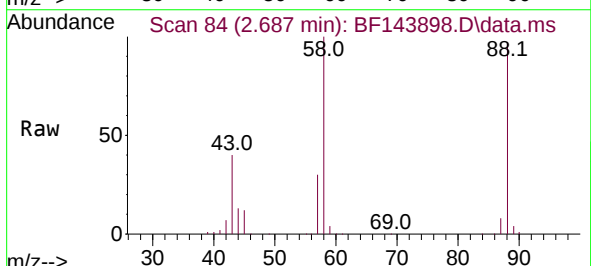
Tgt Ion:152 Resp: 101899
Ion Ratio Lower Upper
152 100
150 166.4 124.4 186.6
115 62.6 48.1 72.1

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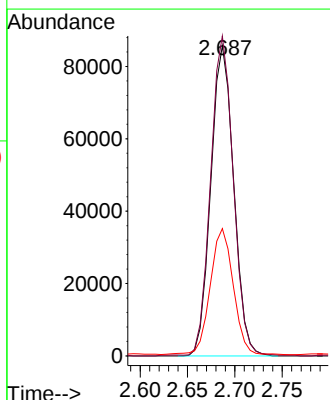
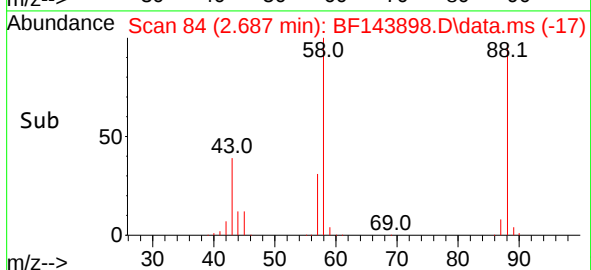
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

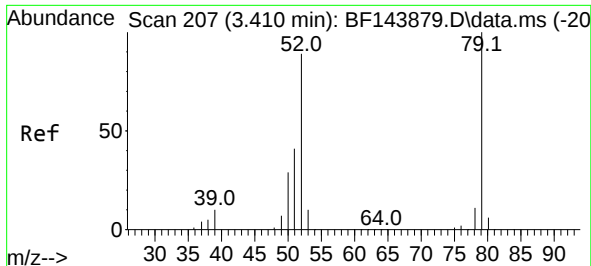


#2
1,4-Dioxane
Concen: 48.456 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.041 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



Tgt Ion: 88 Resp: 143885
Ion Ratio Lower Upper
88 100
58 102.7 83.0 124.6
43 41.1 33.9 50.9





#3

Pyridine

Concen: 46.982 ng

RT: 3.446 min Scan# 213

Delta R.T. 0.029 min

Lab File: BF143898.D

Acq: 08 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

HL-WESTMSD

Tgt Ion: 79 Resp: 406130

Ion Ratio Lower Upper

79 100

52 89.0 71.5 107.3

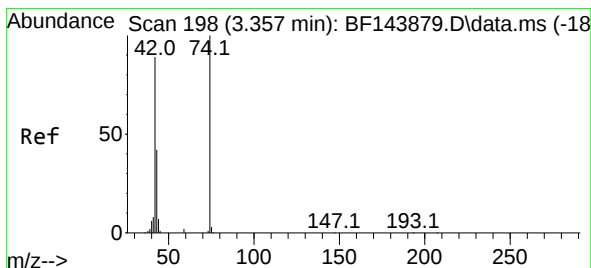
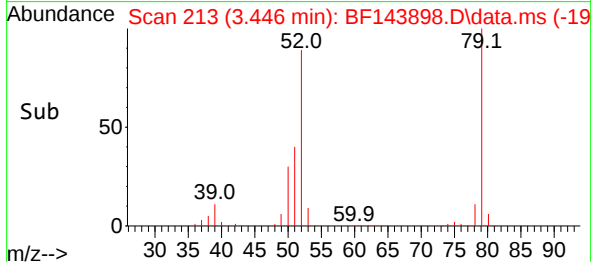
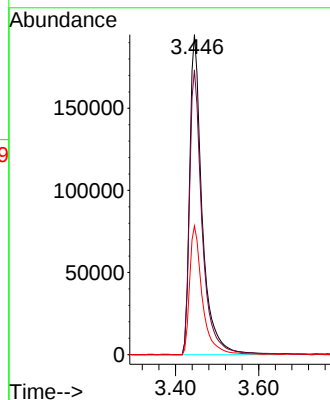
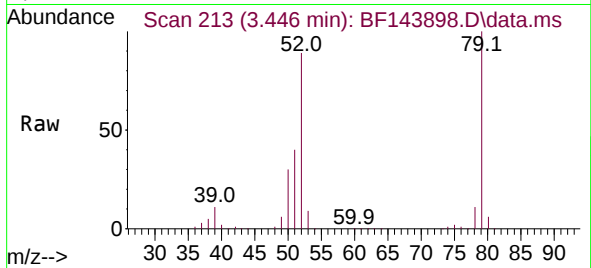
51 40.2 32.9 49.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/09/2025



#4

n-Nitrosodimethylamine

Concen: 53.877 ng

RT: 3.393 min Scan# 204

Delta R.T. 0.006 min

Lab File: BF143898.D

Acq: 08 Oct 2025 16:38

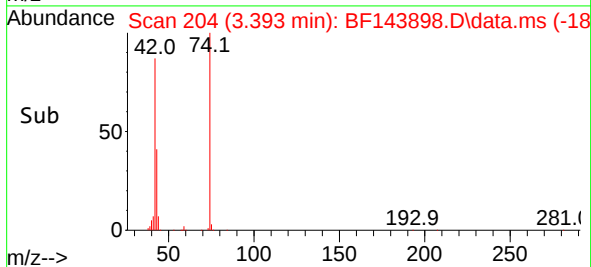
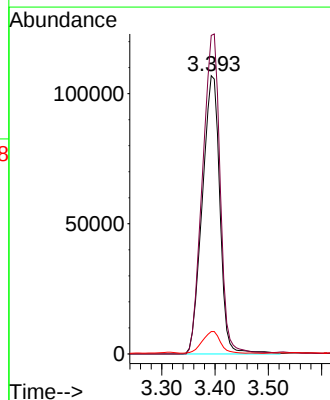
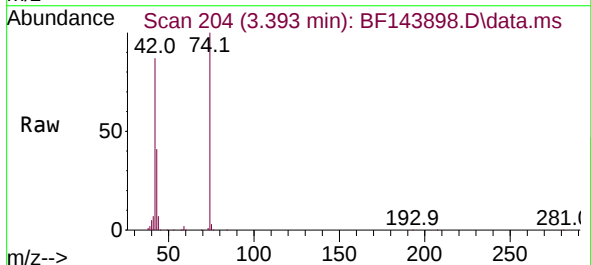
Tgt Ion: 42 Resp: 244999

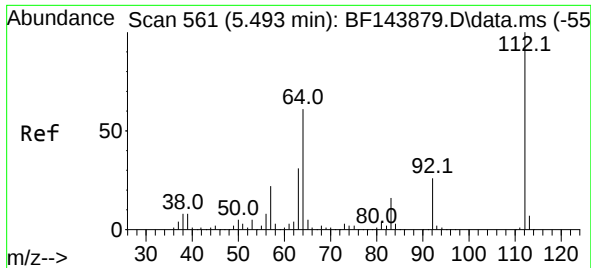
Ion Ratio Lower Upper

42 100

74 114.5 90.0 135.0

44 8.0 6.2 9.2





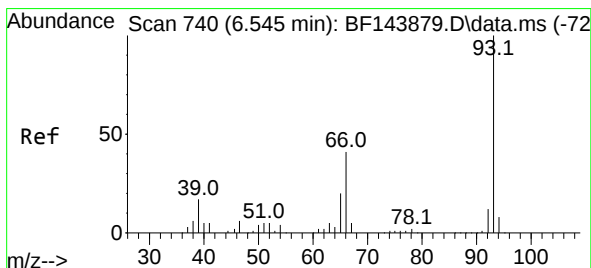
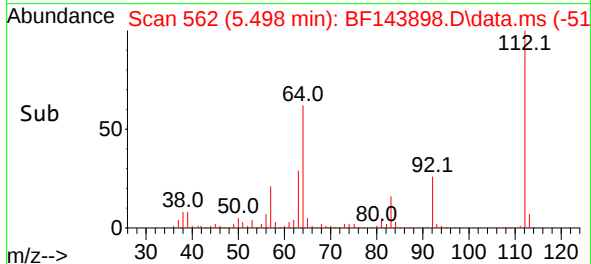
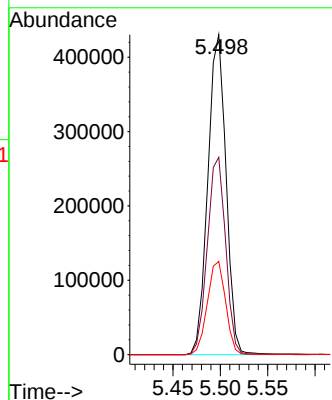
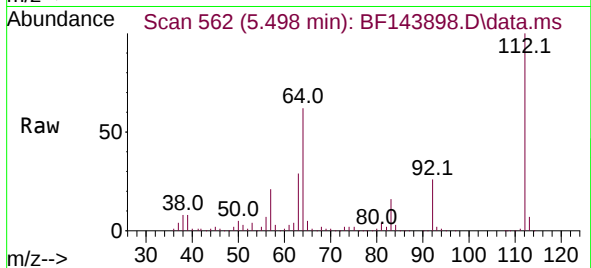
#5
2-Fluorophenol
Concen: 89.818 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD

Tgt Ion:112 Resp: 576349
Ion Ratio Lower Upper
112 100
64 61.7 49.1 73.7
63 29.1 24.5 36.7

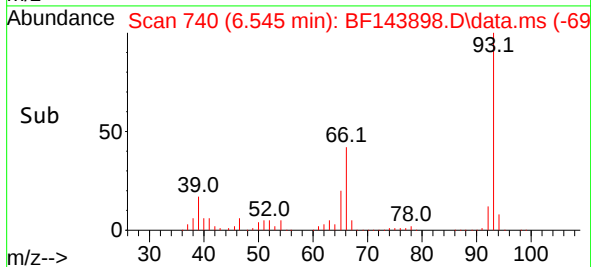
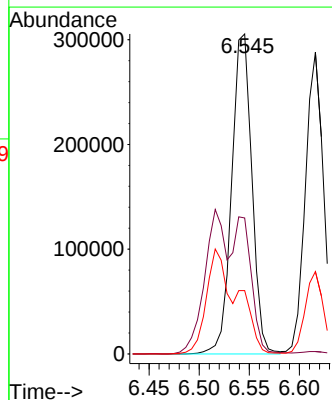
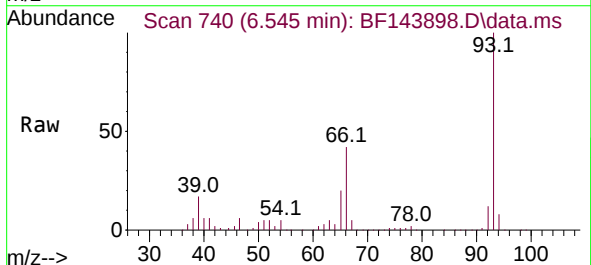
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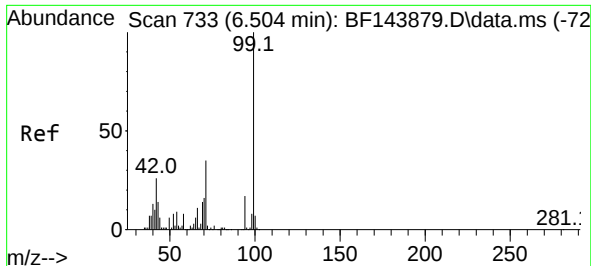
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#6
Aniline
Concen: 37.350 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

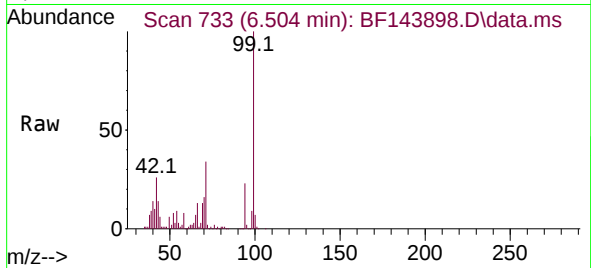
Tgt Ion: 93 Resp: 428086
Ion Ratio Lower Upper
93 100
66 42.5 33.0 49.6
65 19.8 15.8 23.8





#7
Phenol-d6
Concen: 92.189 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

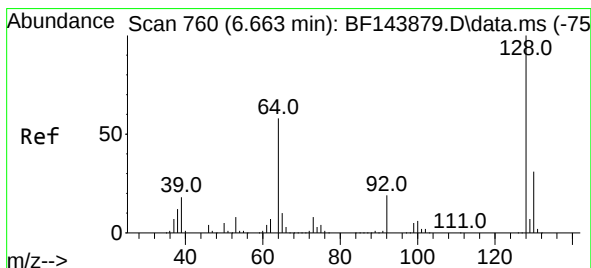
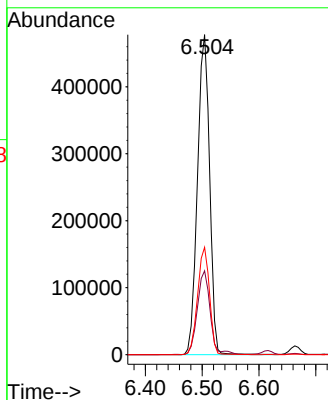
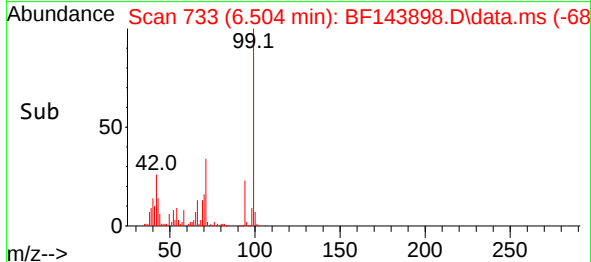
Instrument :
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Tgt Ion: 99 Resp: 705119
Ion Ratio Lower Upper
99 100
42 26.2 21.0 31.4
71 33.5 27.8 41.8

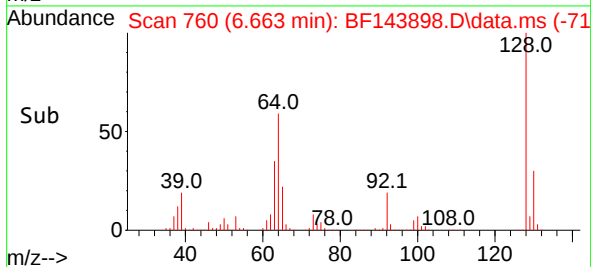
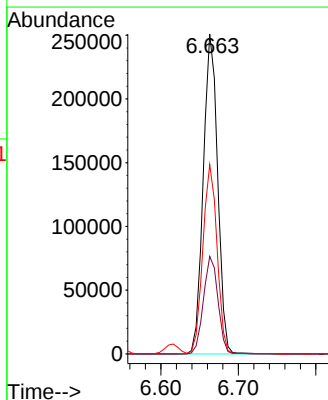
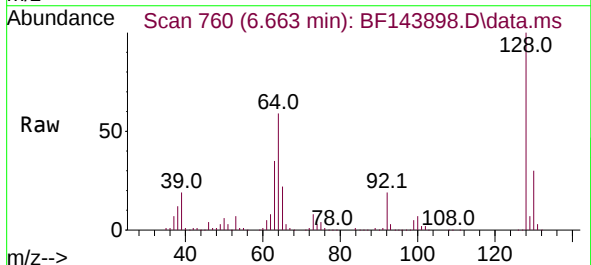
Manual Integrations
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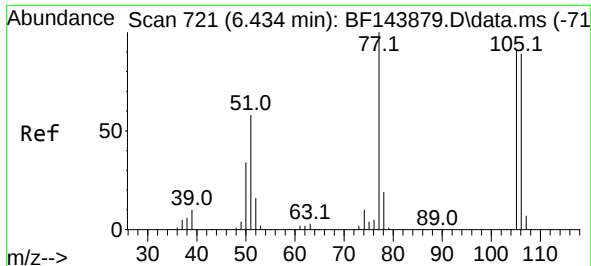
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#8
2-Chlorophenol
Concen: 51.582 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

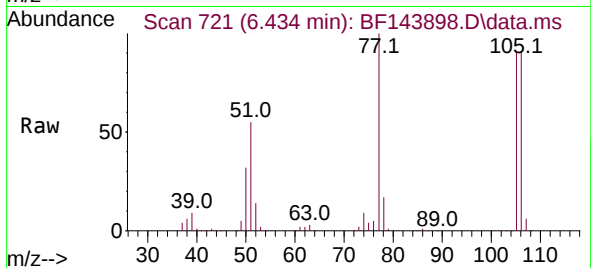
Tgt Ion:128 Resp: 323548
Ion Ratio Lower Upper
128 100
130 30.5 10.7 50.7
64 59.2 39.0 79.0





#9
Benzaldehyde
Concen: 33.939 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

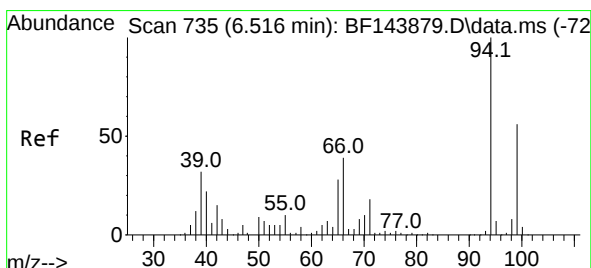
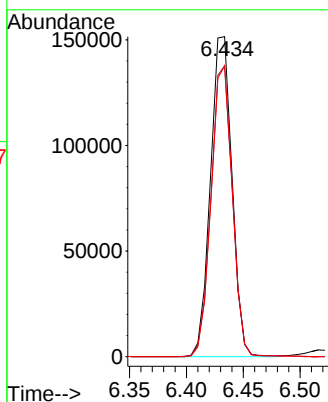
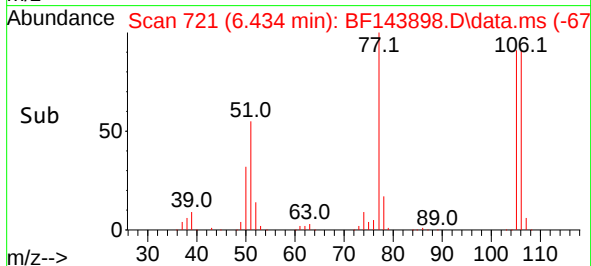
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



Tgt Ion: 77 Resp: 20024
Ion Ratio Lower Upper
77 100
105 90.9 70.9 110.9
106 90.8 68.9 108.9

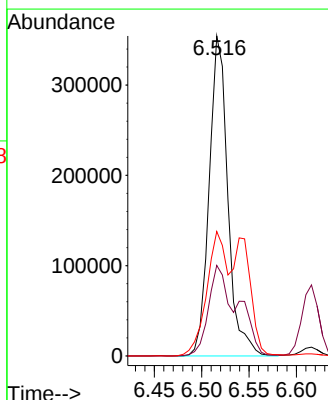
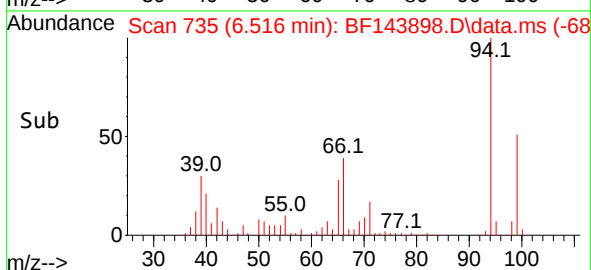
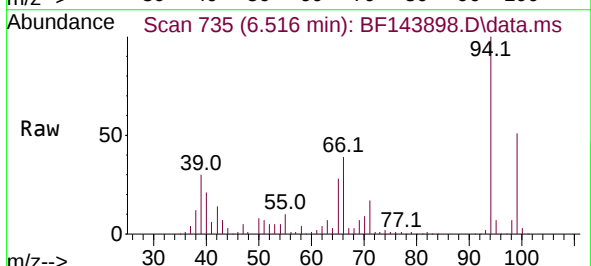
Manual Integrations
APPROVED

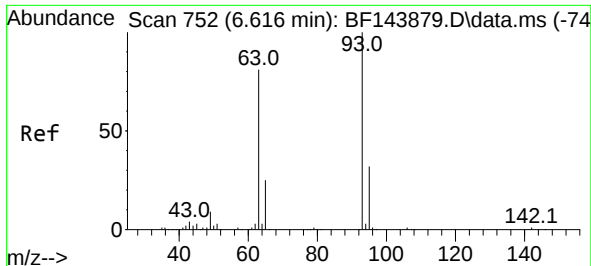
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#10
Phenol
Concen: 53.282 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.018 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

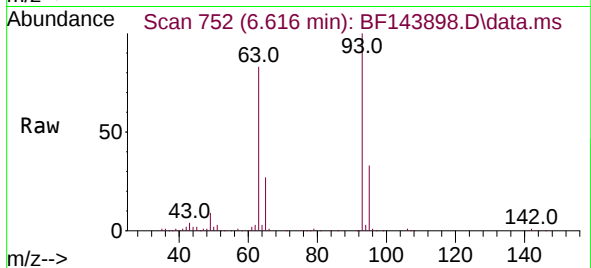
Tgt Ion: 94 Resp: 487214
Ion Ratio Lower Upper
94 100
65 28.3 8.5 48.5
66 38.9 19.9 59.9





#11
bis(2-Chloroethyl)ether
Concen: 50.829 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

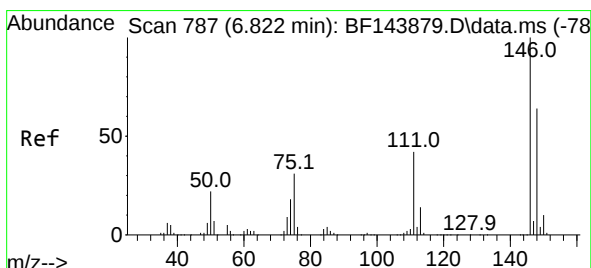
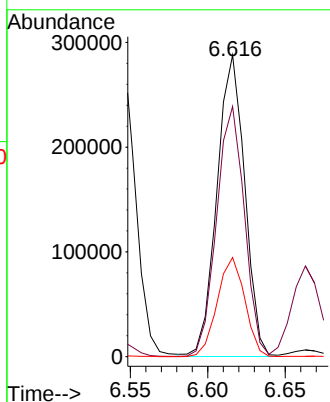
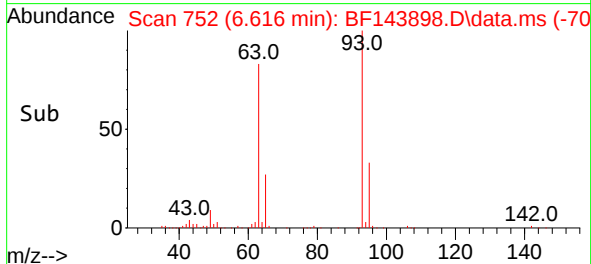
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



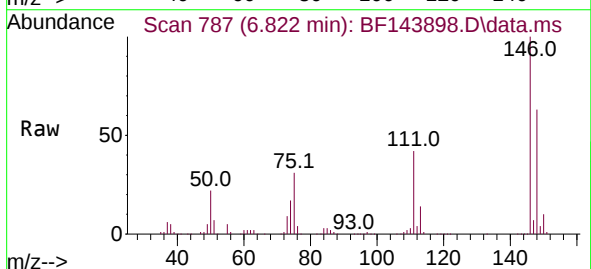
Tgt Ion: 93 Resp: 359040
Ion Ratio Lower Upper
93 100
63 83.0 60.9 100.9
95 32.9 11.5 51.5

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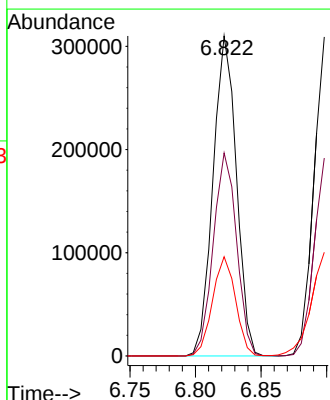
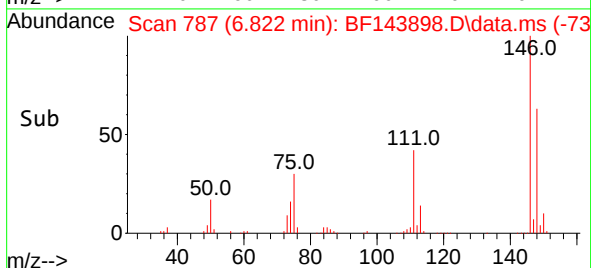
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

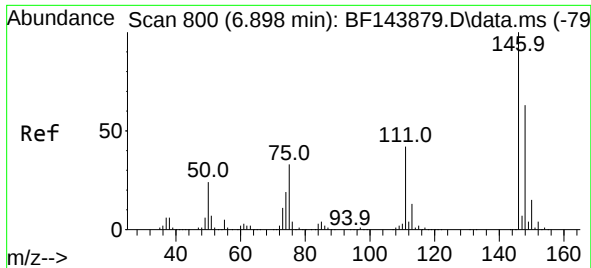


#12
1,3-Dichlorobenzene
Concen: 51.177 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



Tgt Ion:146 Resp: 384249
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
75 31.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 51.607 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143898.D

Acq: 08 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

HL-WESTMSD

Tgt Ion:146 Resp: 382220

Ion Ratio Lower Upper

146 100

148 62.0 50.5 75.7

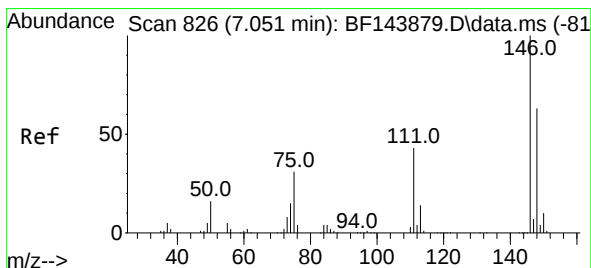
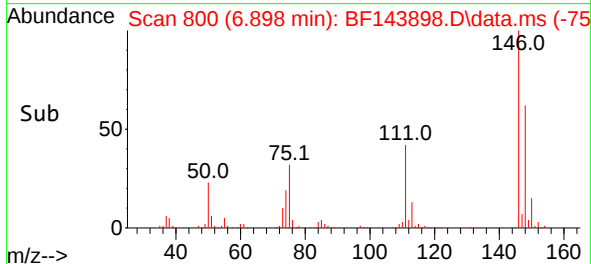
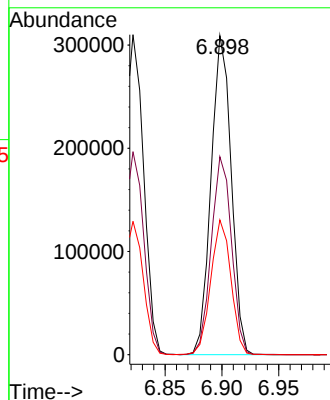
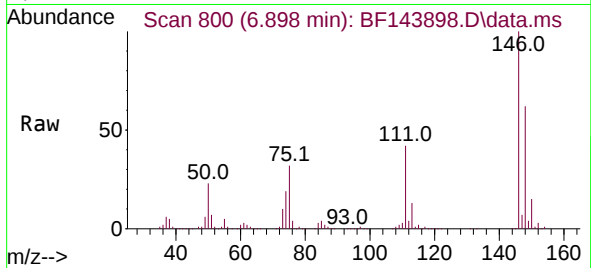
111 42.2 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#14

1,2-Dichlorobenzene

Concen: 52.394 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143898.D

Acq: 08 Oct 2025 16:38

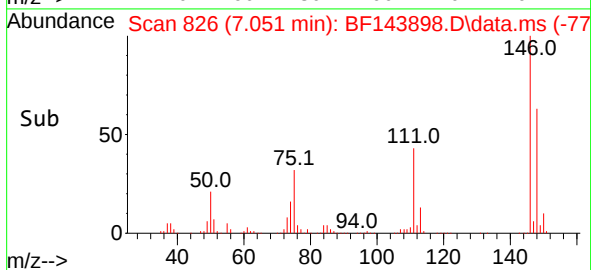
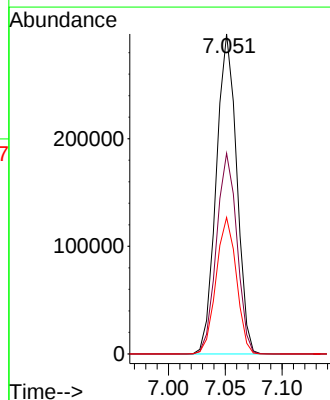
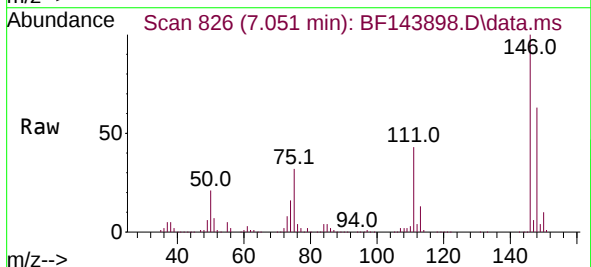
Tgt Ion:146 Resp: 371684

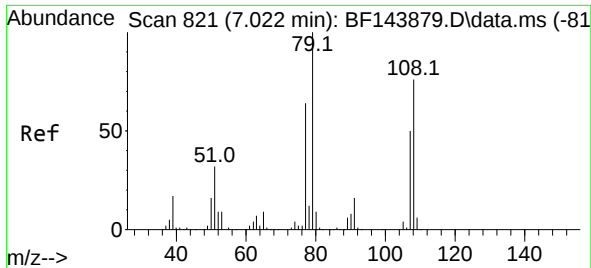
Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

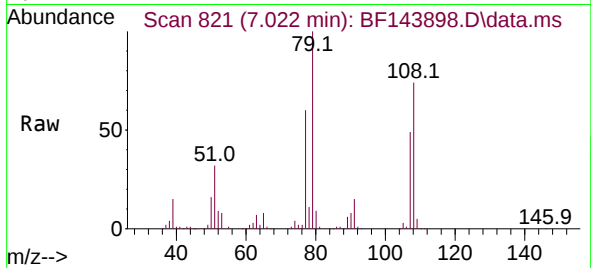
111 42.6 34.6 51.8





#15
Benzyl Alcohol
Concen: 55.304 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

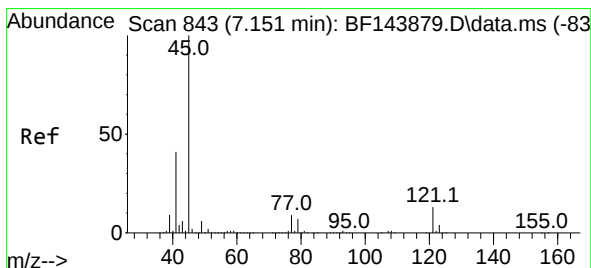
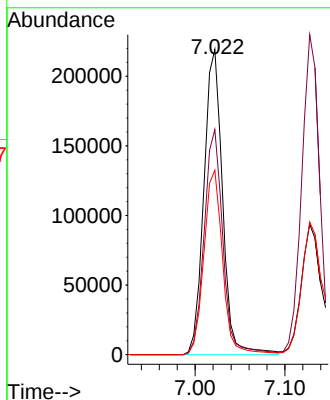
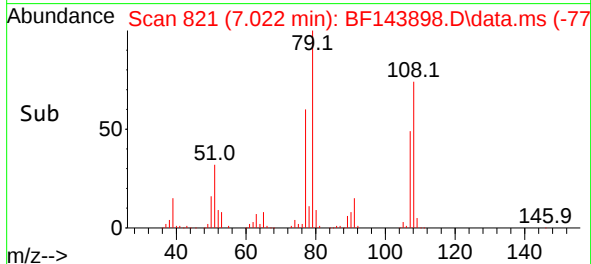
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



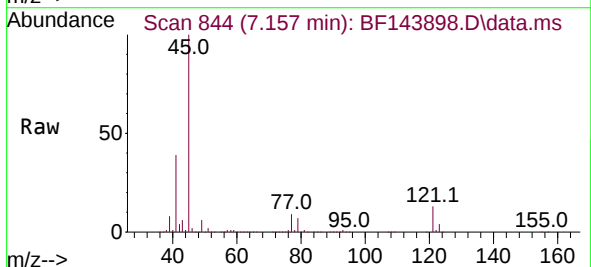
Tgt Ion: 79 Resp: 316934
Ion Ratio Lower Upper
79 100
108 73.7 60.8 91.2
77 60.4 51.0 76.6

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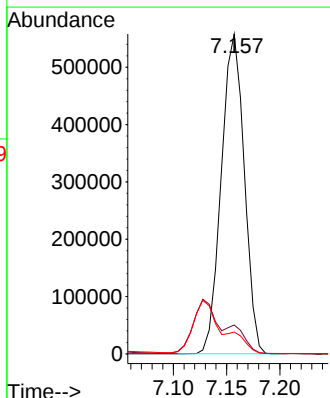
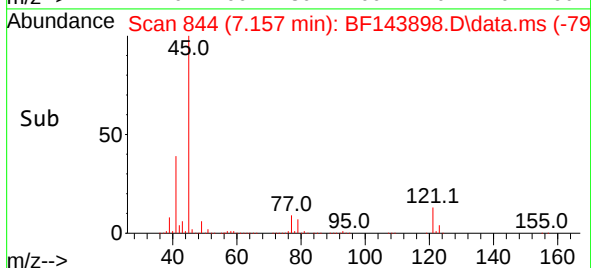
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

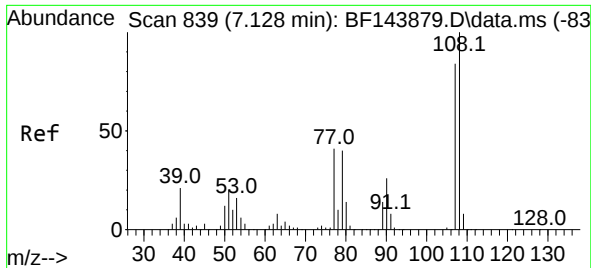


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.043 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



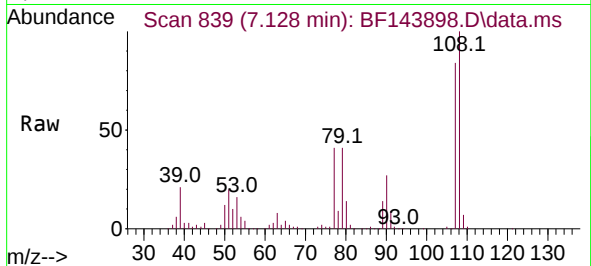
Tgt Ion: 45 Resp: 836770
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.8 0.0 26.8





#17
2-Methylphenol
Concen: 51.478 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

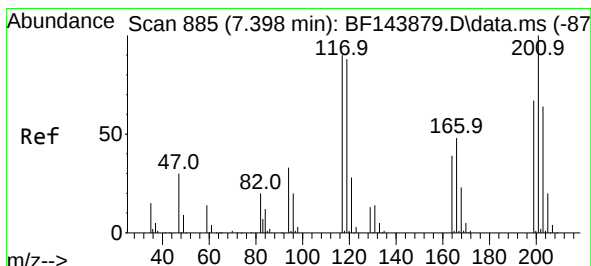
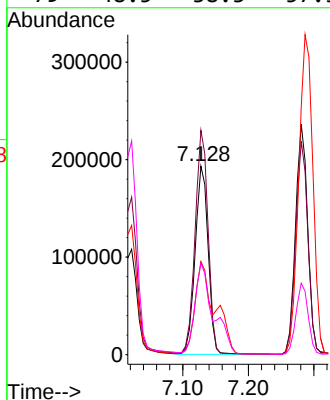
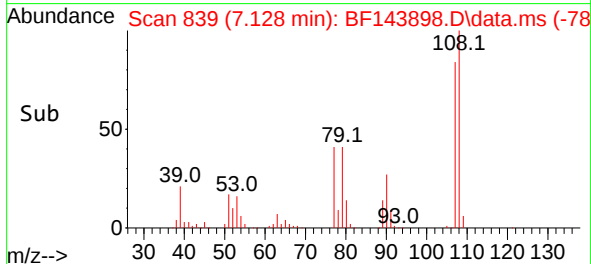
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



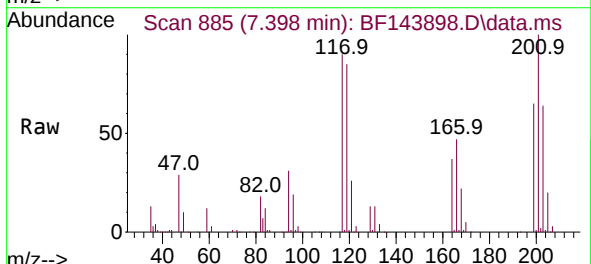
Tgt Ion:107 Resp: 266850
Ion Ratio Lower Upper
107 100
108 119.0 94.7 142.1
77 49.4 38.8 58.2
79 48.5 38.3 57.5

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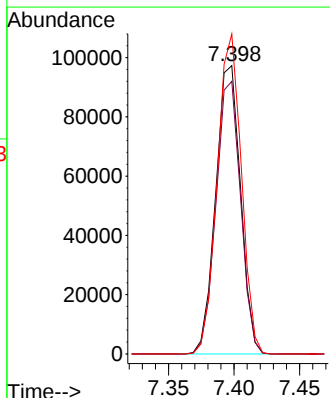
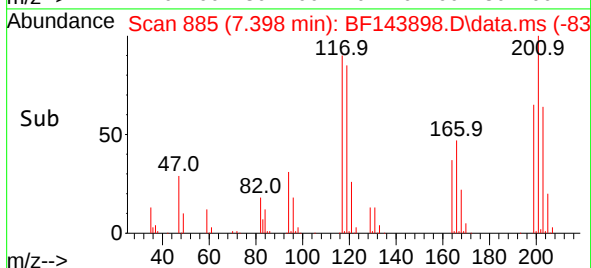
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

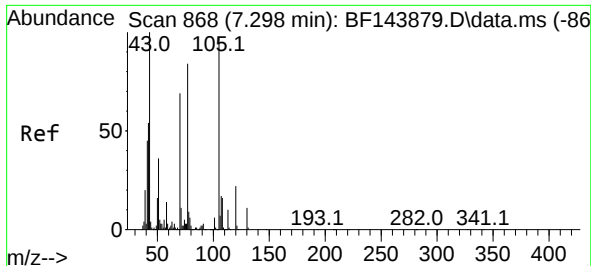


#18
Hexachloroethane
Concen: 52.036 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



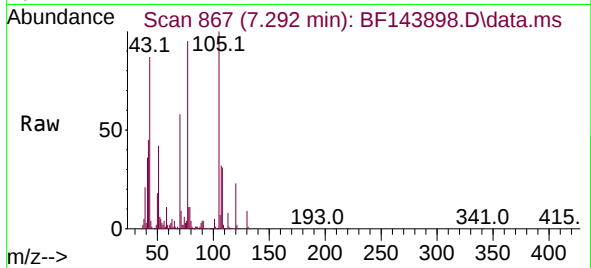
Tgt Ion:117 Resp: 128527
Ion Ratio Lower Upper
117 100
119 94.6 77.8 116.8
201 111.0 88.5 132.7





#19
n-Nitroso-di-n-propylamine
Concen: 49.343 ng
RT: 7.292 min Scan# 868
Delta R.T. -0.023 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

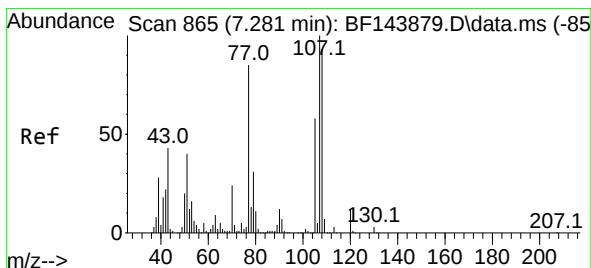
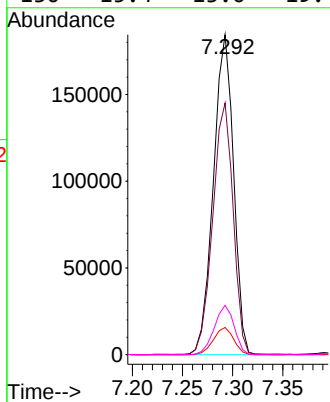
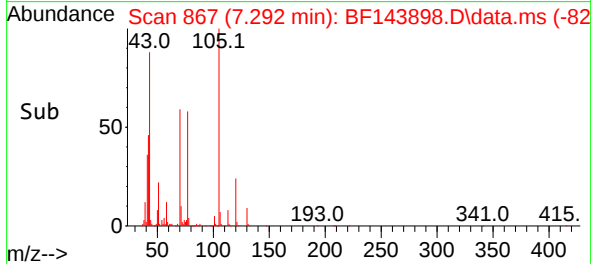
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



Tgt Ion: 70 Resp: 258333
Ion Ratio Lower Upper
70 100
42 78.6 62.8 94.2
101 8.5 6.7 10.1
130 15.4 13.0 19.4

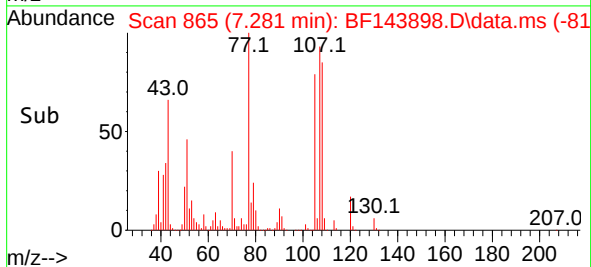
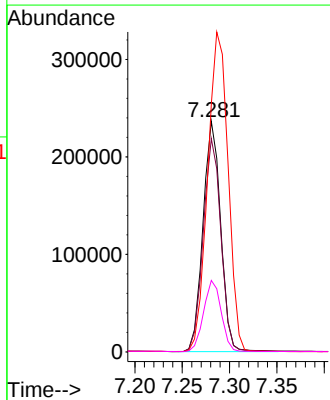
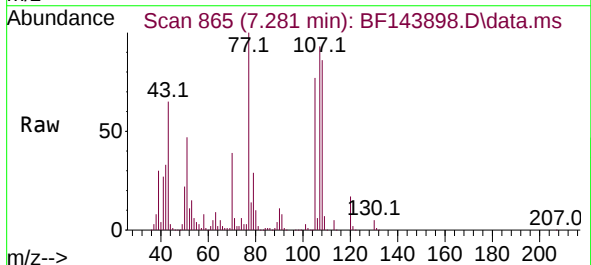
Manual Integrations
APPROVED

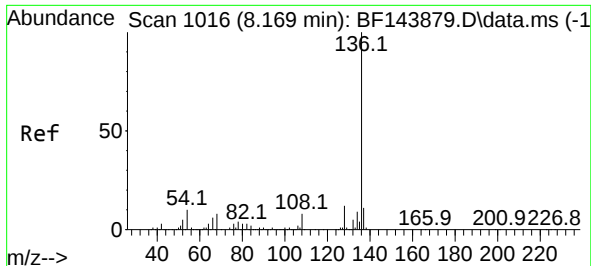
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#20
3+4-Methylphenols
Concen: 51.104 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

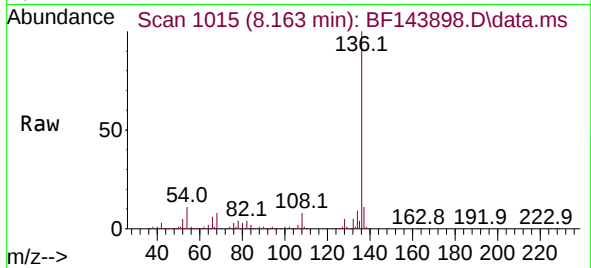
Tgt Ion:107 Resp: 307034
Ion Ratio Lower Upper
107 100
108 92.5 73.0 113.0
77 107.5 64.6 104.6#
79 31.0 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD

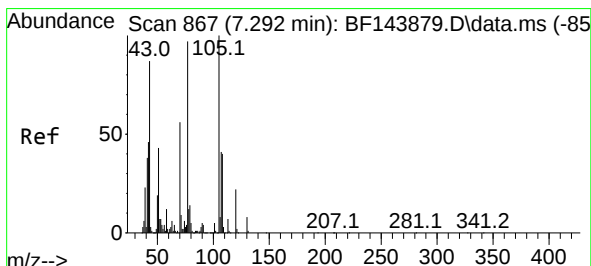
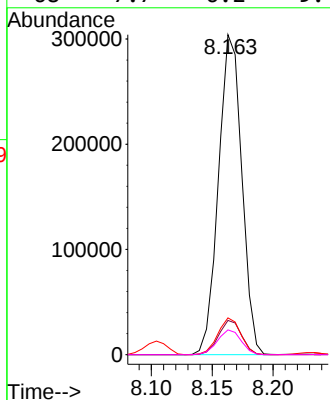
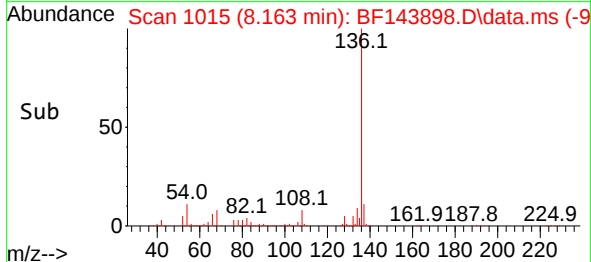


Tgt Ion:136 Resp: 405646

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	11.5	8.2	12.4
68	7.7	6.2	9.4

Manual Integrations
APPROVED

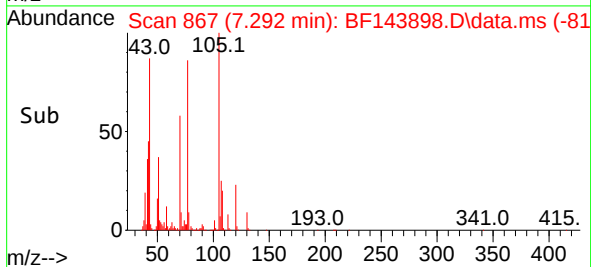
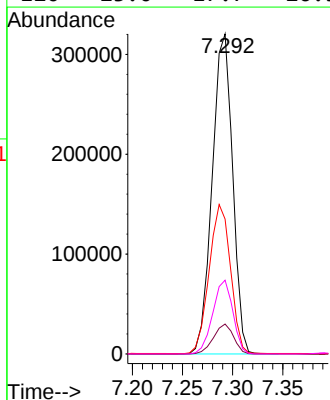
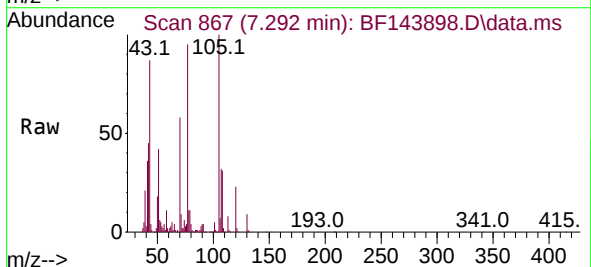
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

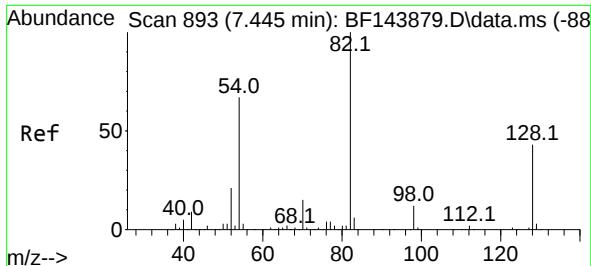


#22
Acetophenone
Concen: 53.012 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Tgt Ion:105 Resp: 454687

Ion	Ratio	Lower	Upper
105	100		
71	9.3	7.4	11.0
51	42.1	34.2	51.4
120	23.0	17.7	26.5





#23

Nitrobenzene-d5

Concen: 60.620 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF143898.D

Acq: 08 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

HL-WESTMSD

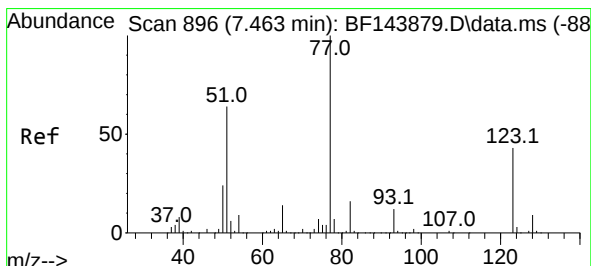
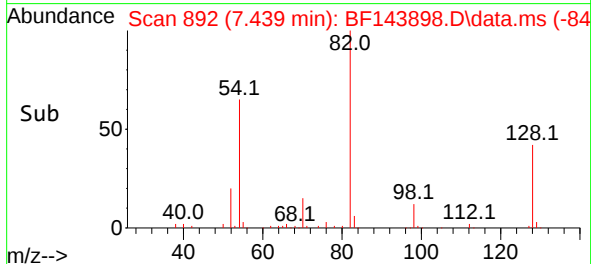
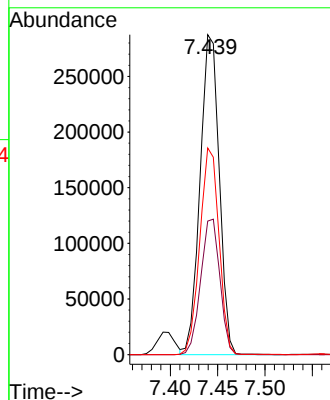
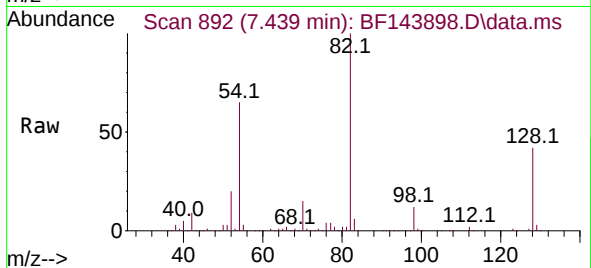
Tgt Ion: 82 Resp: 404746
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.0 51.0
 54 64.6 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#24

Nitrobenzene

Concen: 51.580 ng

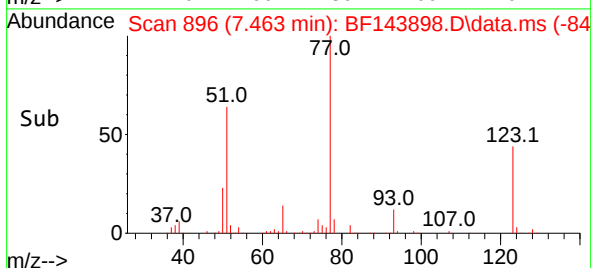
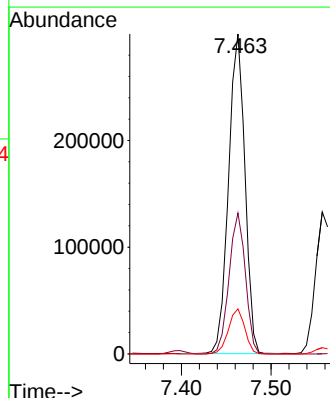
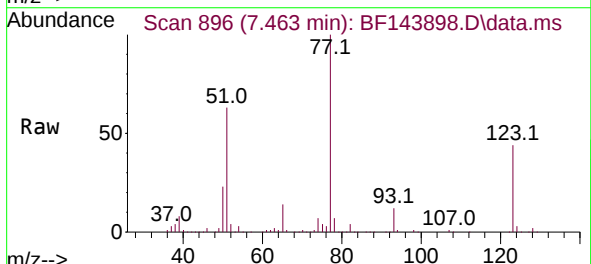
RT: 7.463 min Scan# 896

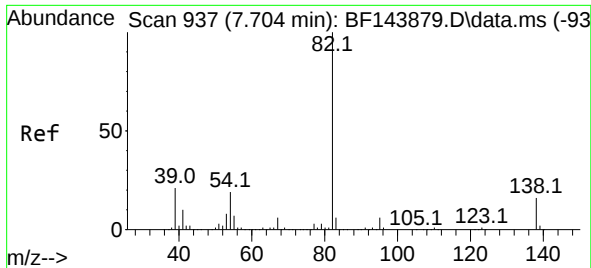
Delta R.T. -0.012 min

Lab File: BF143898.D

Acq: 08 Oct 2025 16:38

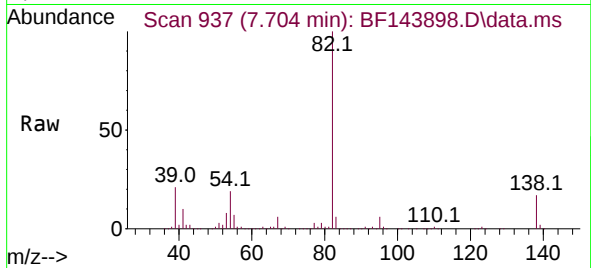
Tgt Ion: 77 Resp: 382447
 Ion Ratio Lower Upper
 77 100
 123 44.0 34.2 51.4
 65 14.1 11.0 16.6





#25
Isophorone
Concen: 48.920 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.018 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

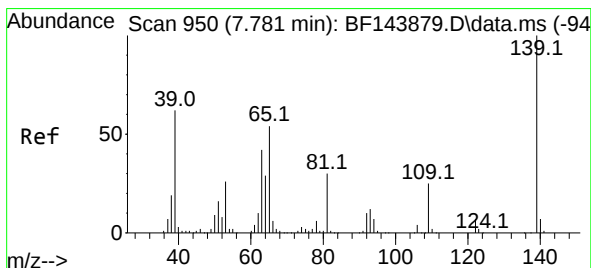
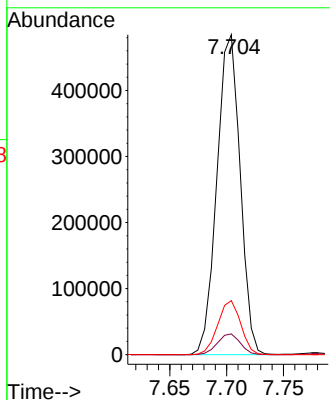
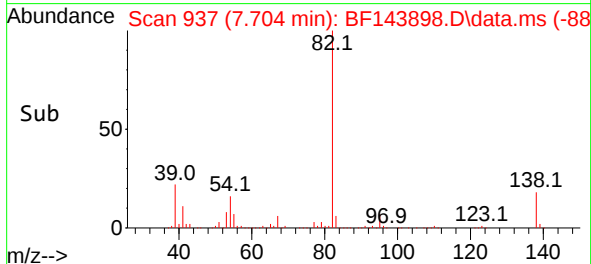
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



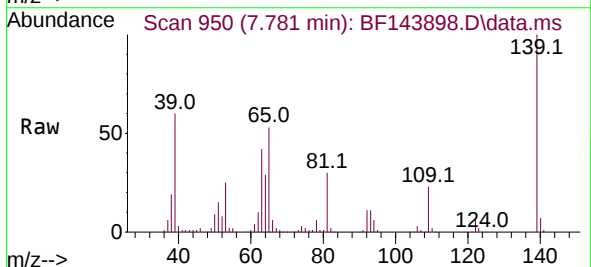
Tgt Ion: 82 Resp: 688706
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 16.9 12.9 19.3

Manual Integrations
APPROVED

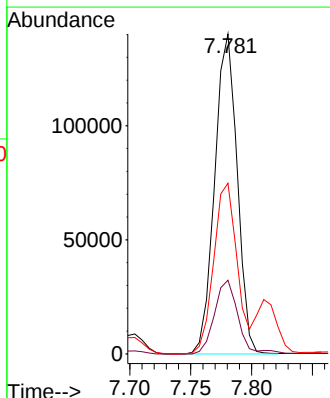
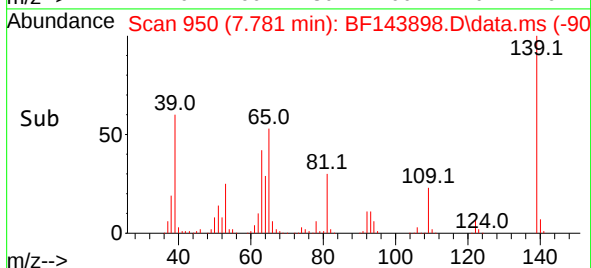
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

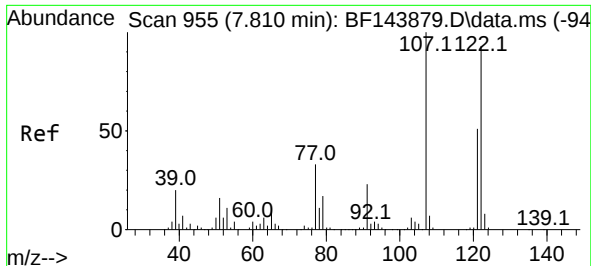


#26
2-Nitrophenol
Concen: 56.673 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



Tgt Ion:139 Resp: 180157
Ion Ratio Lower Upper
139 100
109 23.0 19.8 29.6
65 53.3 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 55.487 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF143898.D

Acq: 08 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

HL-WESTMSD

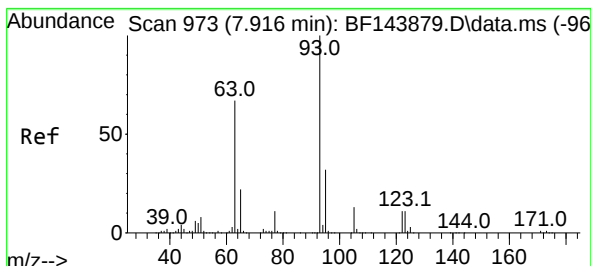
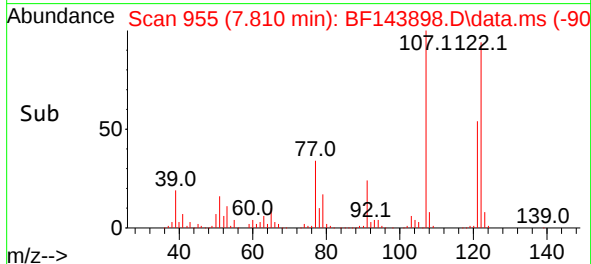
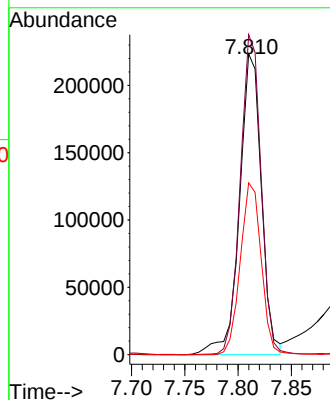
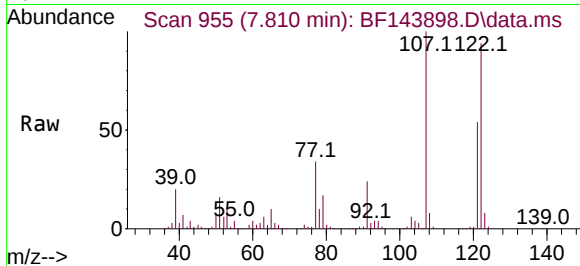
Tgt Ion:	122	Resp:	31729
Ion	Ratio	Lower	Upper
122	100		
107	106.4	86.1	129.1
121	57.1	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#28

bis(2-Chloroethoxy)methane

Concen: 49.088 ng

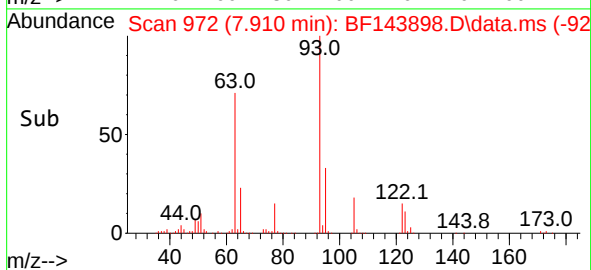
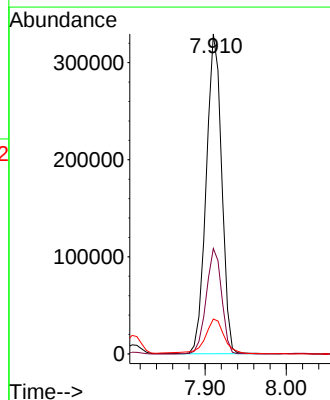
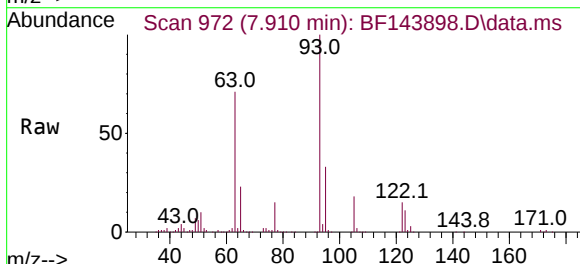
RT: 7.910 min Scan# 972

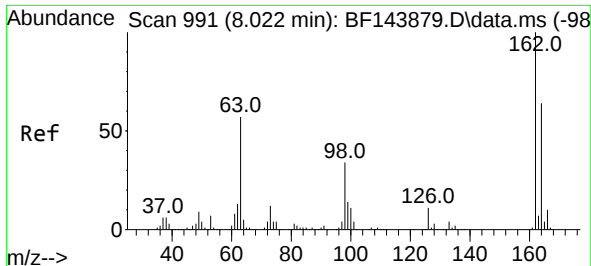
Delta R.T. -0.012 min

Lab File: BF143898.D

Acq: 08 Oct 2025 16:38

Tgt Ion:	93	Resp:	436544
Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.9	38.9
123	10.9	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 49.269 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143898.D

Acq: 08 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

HL-WESTMSD

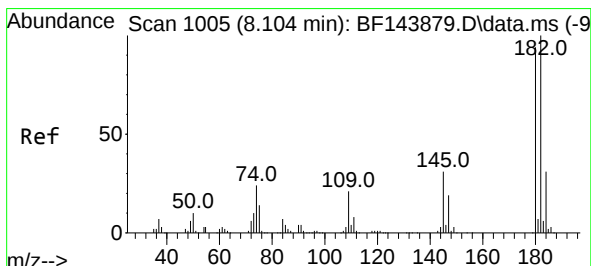
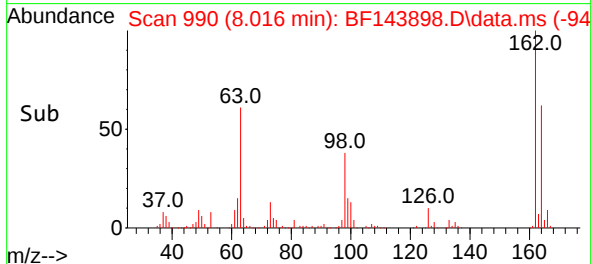
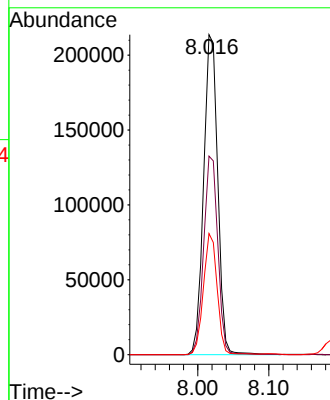
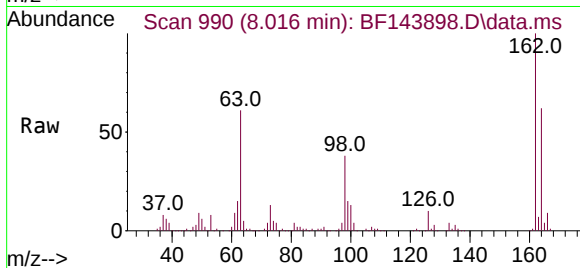
Tgt Ion:162 Resp: 293472
 Ion Ratio Lower Upper
 162 100
 164 62.0 43.9 83.9
 98 37.8 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#30

1,2,4-Trichlorobenzene

Concen: 51.752 ng

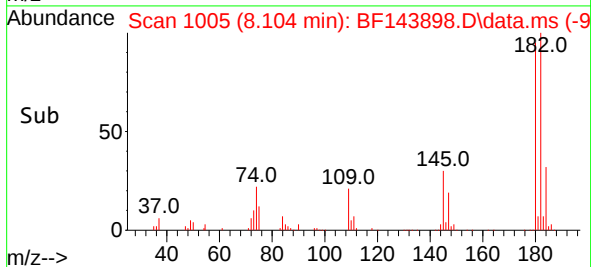
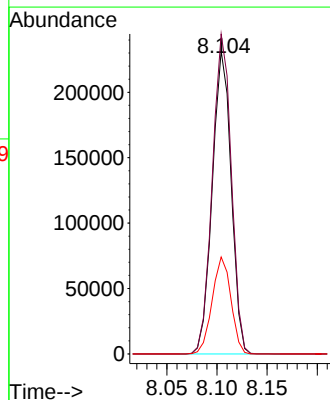
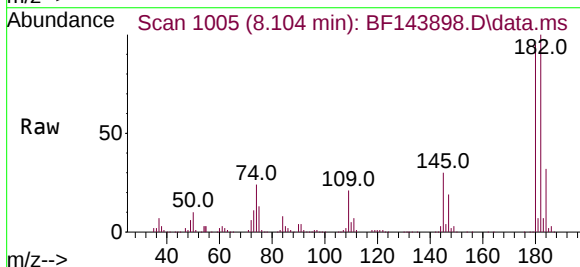
RT: 8.104 min Scan# 1005

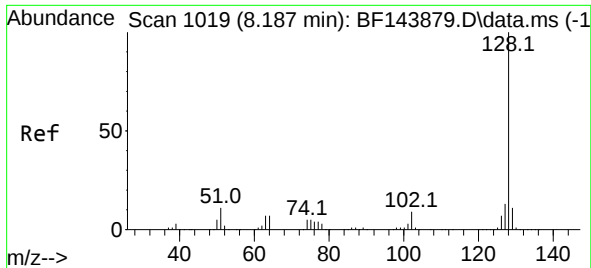
Delta R.T. -0.006 min

Lab File: BF143898.D

Acq: 08 Oct 2025 16:38

Tgt Ion:180 Resp: 303168
 Ion Ratio Lower Upper
 180 100
 182 105.6 85.4 128.0
 145 32.0 26.3 39.5





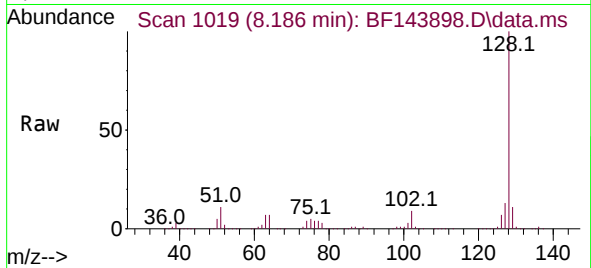
#31
Naphthalene
Concen: 48.441 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

HL-WESTMSD



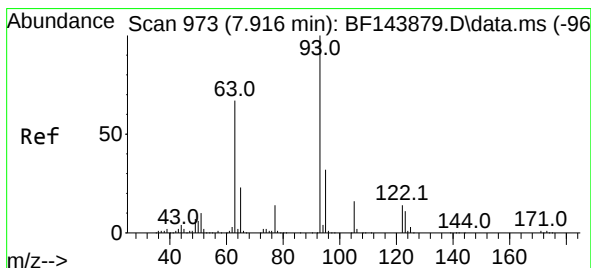
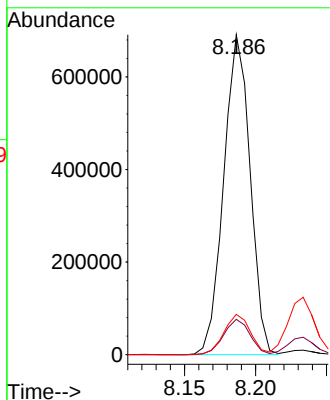
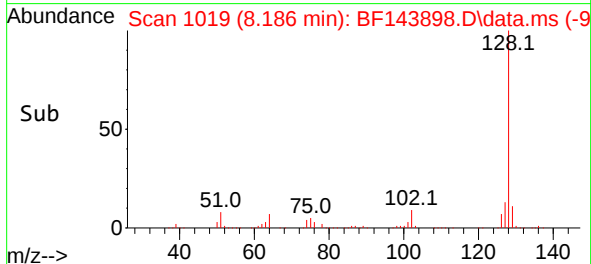
Tgt Ion:128 Resp: 893868
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.6 10.0 15.0

Manual Integrations

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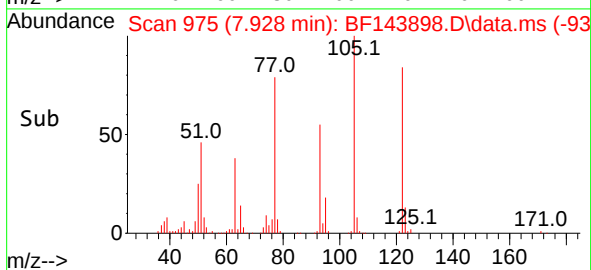
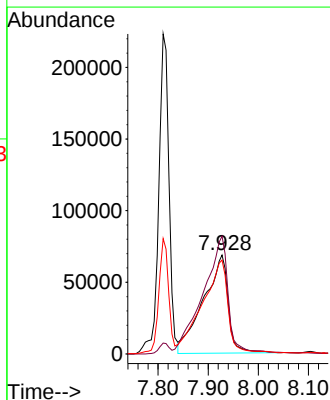
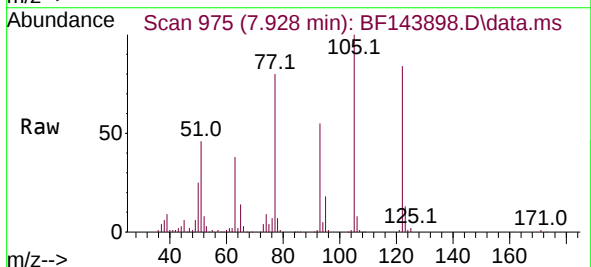
Reviewed By :Rahul Chavli 10/09/2025

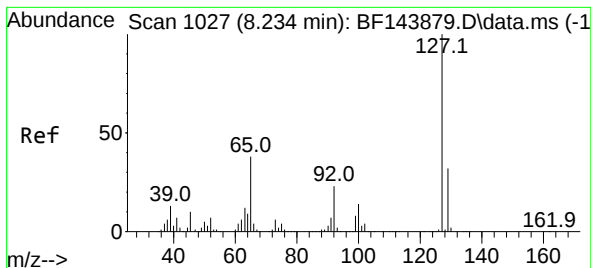
Supervised By :Jagrut Upadhyay 10/09/2025



#32
Benzoic acid
Concen: 59.827 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Tgt Ion:122 Resp: 236771
Ion Ratio Lower Upper
122 100
105 119.0 93.5 133.5
77 94.9 76.3 116.3





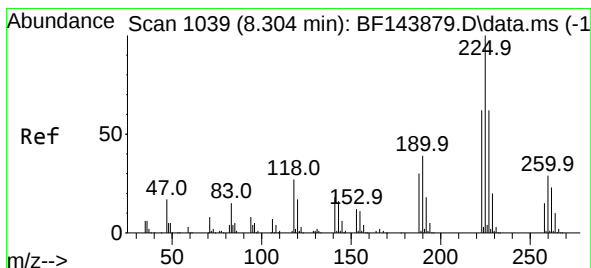
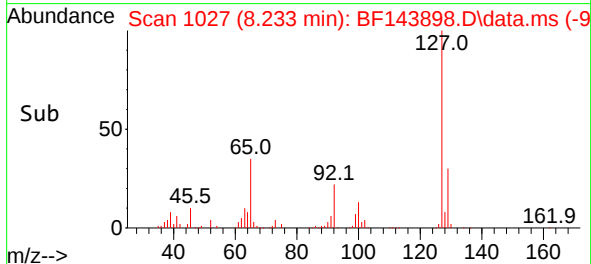
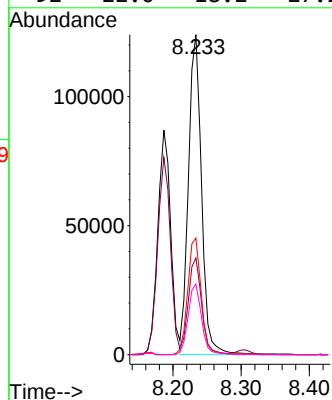
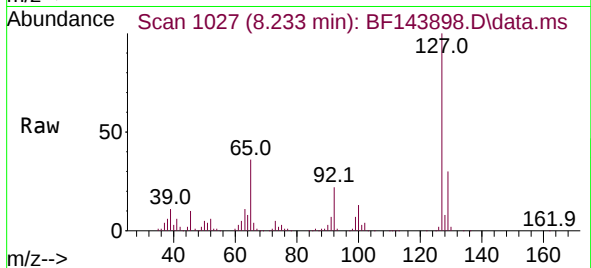
#33
4-Chloroaniline
Concen: 23.880 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD

Tgt Ion:127 Resp: 165263
Ion Ratio Lower Upper
127 100
129 30.2 25.8 38.8
65 36.4 30.0 45.0
92 22.0 18.2 27.2

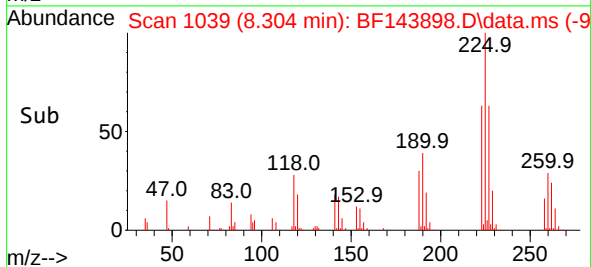
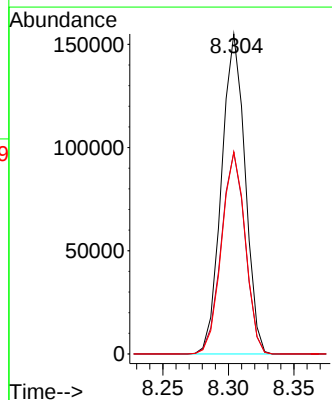
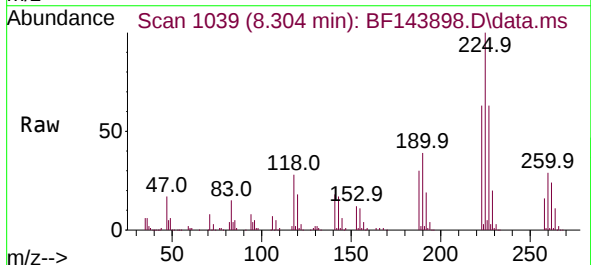
Manual Integrations
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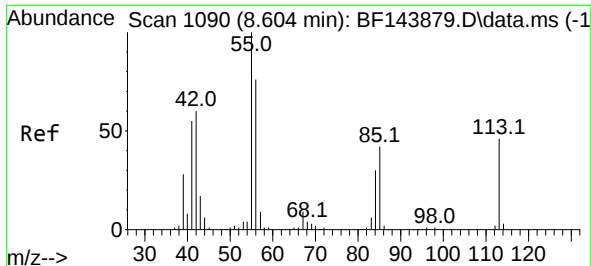
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#34
Hexachlorobutadiene
Concen: 47.657 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

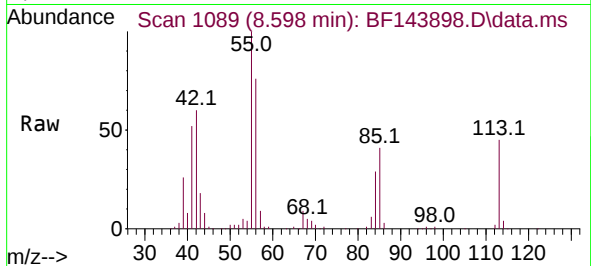
Tgt Ion:225 Resp: 194000
Ion Ratio Lower Upper
225 100
223 63.0 49.4 74.2
227 63.1 49.7 74.5





#35
 Caprolactam
 Concen: 55.258 ng m
 RT: 8.598 min Scan# 1090
 Delta R.T. -0.047 min
 Lab File: BF143898.D
 Acq: 08 Oct 2025 16:38

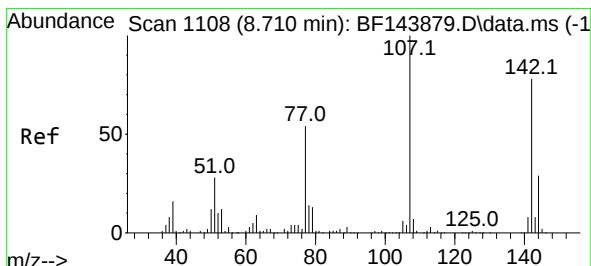
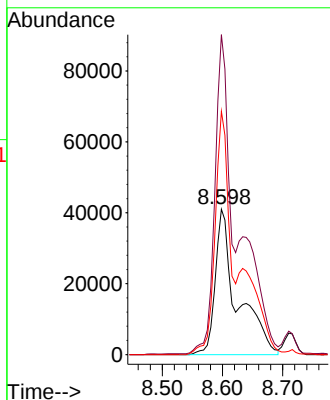
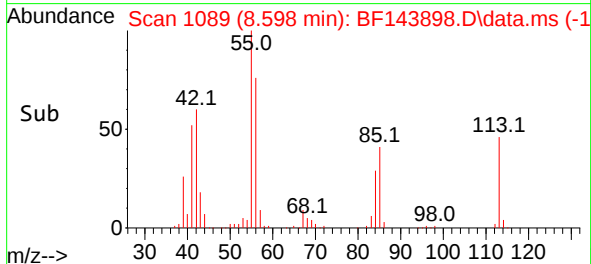
Instrument :
 BNA_F
 ClientSampleId :
 HL-WESTMSD



Tgt Ion:113 Resp: 104654
 Ion Ratio Lower Upper
 113 100
 55 220.2 199.6 239.6
 56 167.3 146.0 186.0

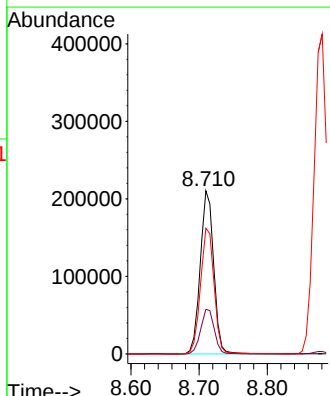
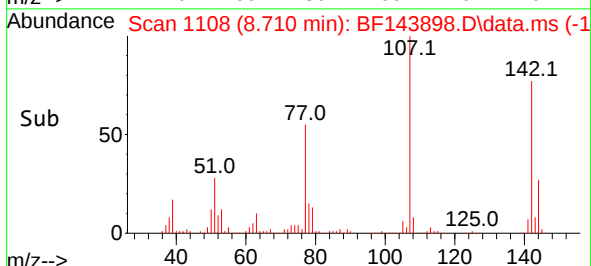
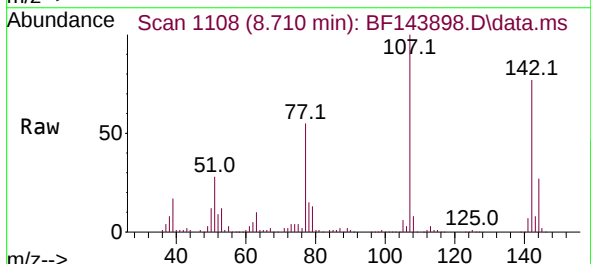
Manual Integrations
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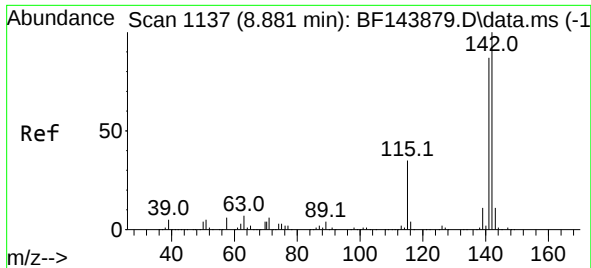
Reviewed By :Rahul Chavli 10/09/2025
 Supervised By :Jagrut Upadhyay 10/09/2025



#36
 4-Chloro-3-methylphenol
 Concen: 50.576 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.012 min
 Lab File: BF143898.D
 Acq: 08 Oct 2025 16:38

Tgt Ion:107 Resp: 289376
 Ion Ratio Lower Upper
 107 100
 144 27.3 23.1 34.7
 142 76.9 62.6 94.0





#37
2-Methylnaphthalene
Concen: 44.627 ng
RT: 8.880 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

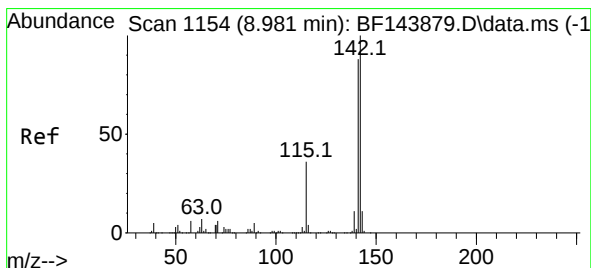
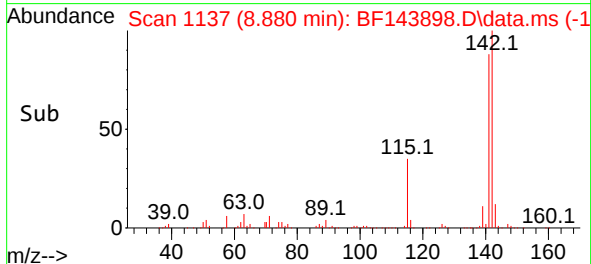
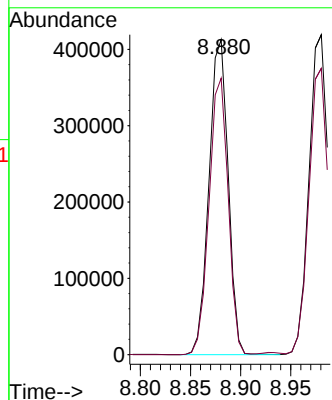
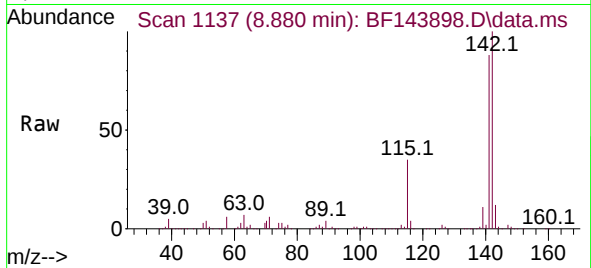
HL-WESTMSD

Tgt Ion:142 Resp: 54854
Ion Ratio Lower Upper
142 100
141 87.8 69.2 103.8

Manual Integrations

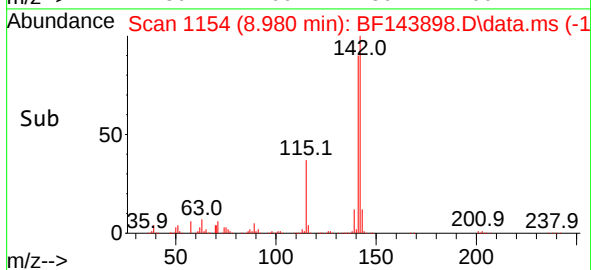
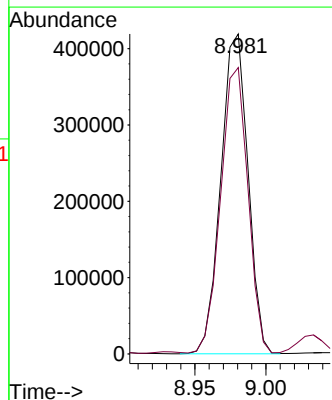
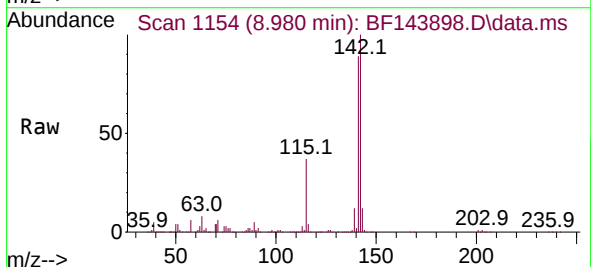
APPROVED

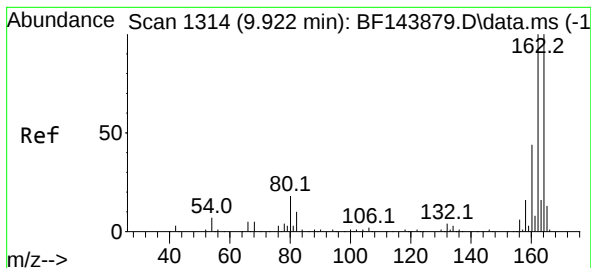
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#38
1-Methylnaphthalene
Concen: 46.778 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Tgt Ion:142 Resp: 557711
Ion Ratio Lower Upper
142 100
141 89.5 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: BF143898.D

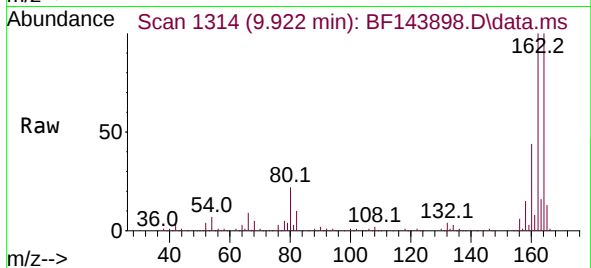
Acq: 08 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

HL-WESTMSD



Tgt Ion:164 Resp: 222659

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

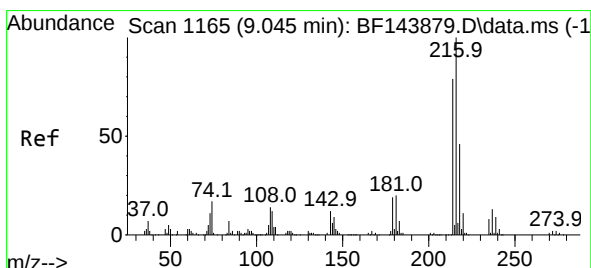
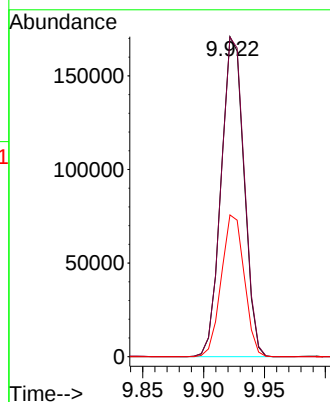
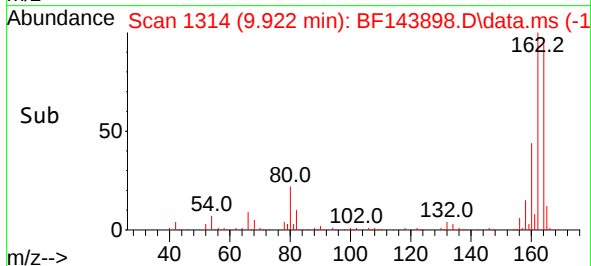
160 44.3 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.688 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143898.D

Acq: 08 Oct 2025 16:38

Tgt Ion:216 Resp: 318090

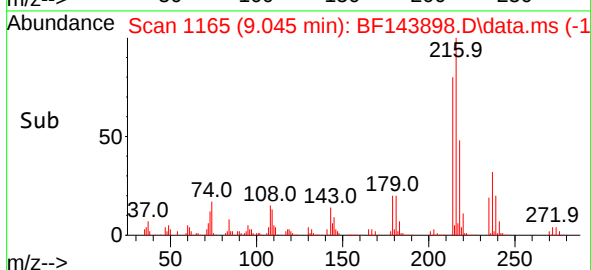
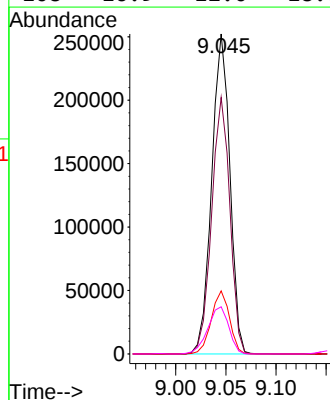
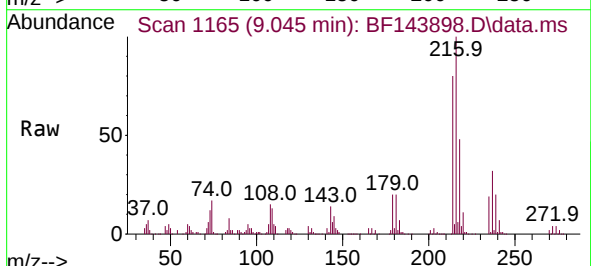
Ion Ratio Lower Upper

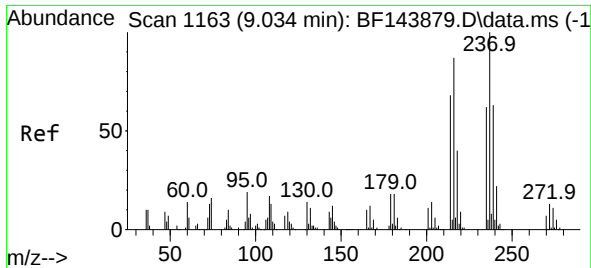
216 100

214 80.2 62.6 94.0

179 19.7 15.4 23.0

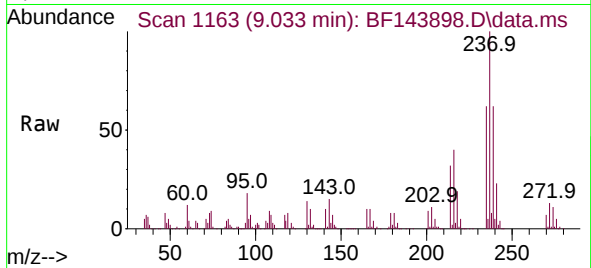
108 16.9 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 123.190 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

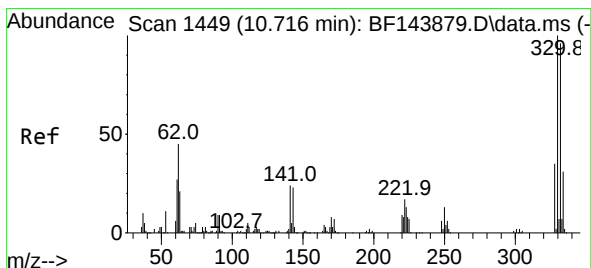
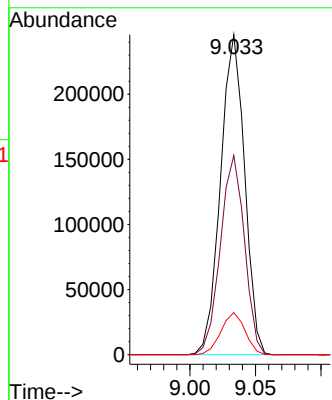
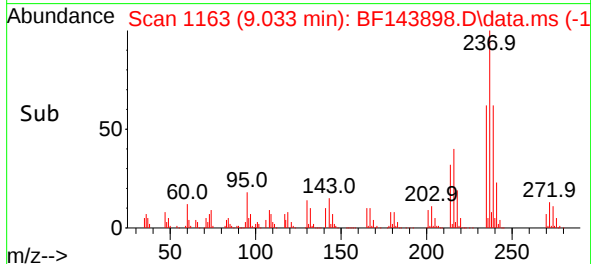
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



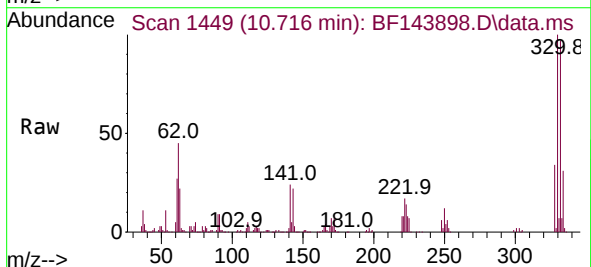
Tgt Ion: 237 Resp: 314509
Ion Ratio Lower Upper
237 100
235 62.2 42.3 82.3
272 13.1 0.0 33.1

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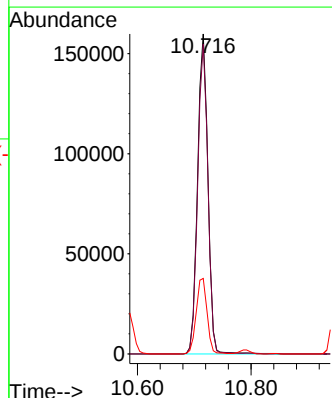
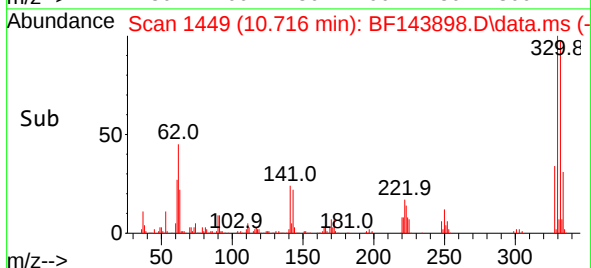
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

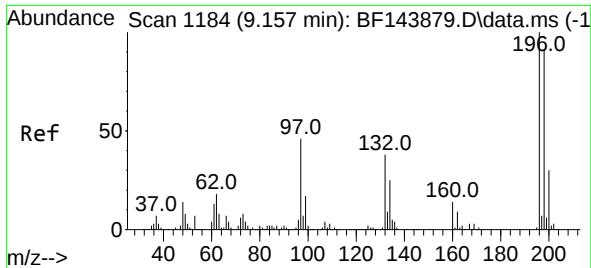


#42
2,4,6-Tribromophenol
Concen: 90.467 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



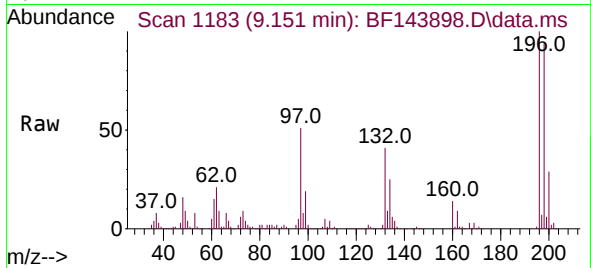
Tgt Ion: 330 Resp: 200631
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 24.8 20.2 30.4





#43
2,4,6-Trichlorophenol
Concen: 51.315 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

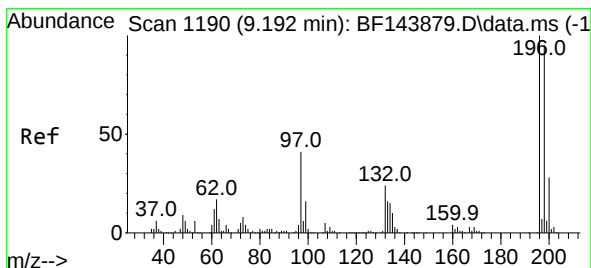
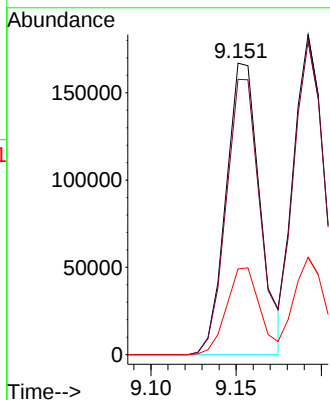
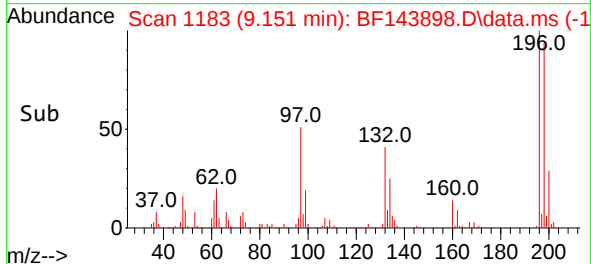
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



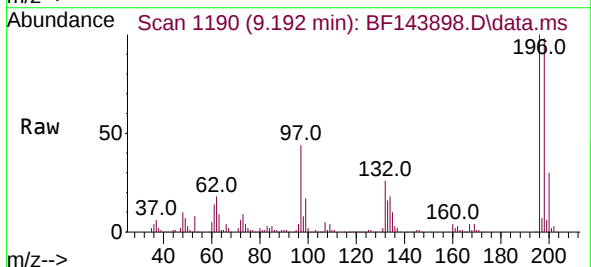
Tgt Ion:196 Resp: 23073
Ion Ratio Lower Upper
196 100
198 94.5 72.8 109.2
200 29.4 24.0 36.0

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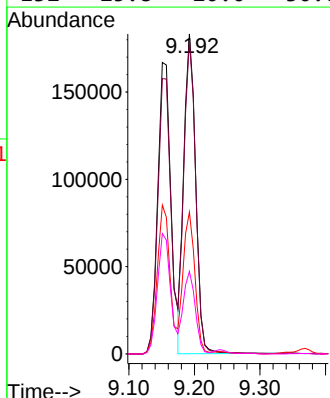
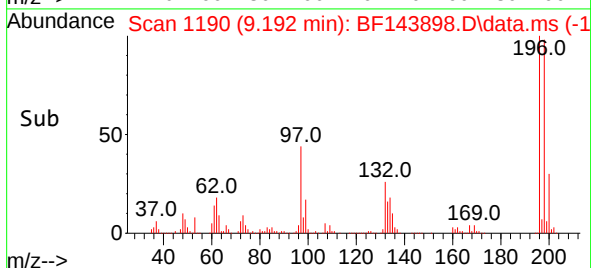
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

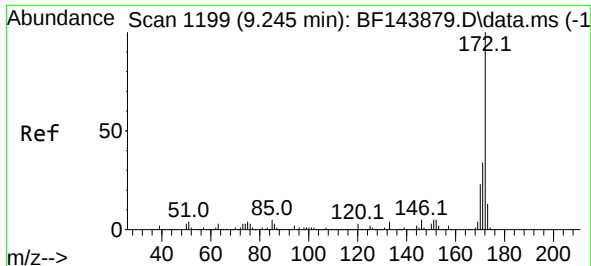


#44
2,4,5-Trichlorophenol
Concen: 48.623 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



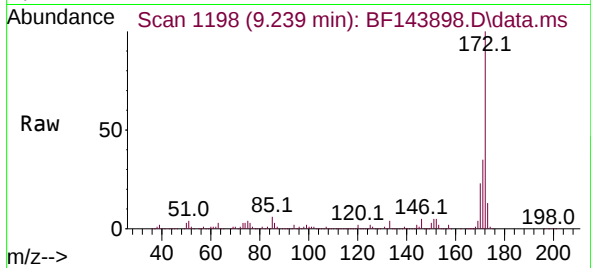
Tgt Ion:196 Resp: 231042
Ion Ratio Lower Upper
196 100
198 98.0 75.5 113.3
97 44.3 33.9 50.9
132 25.8 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 53.267 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

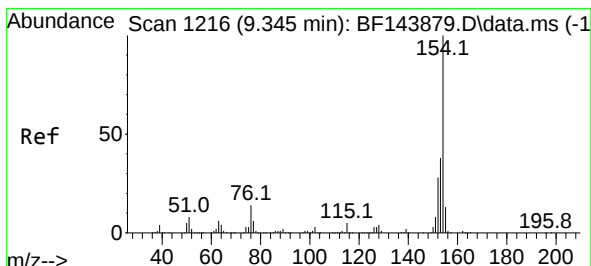
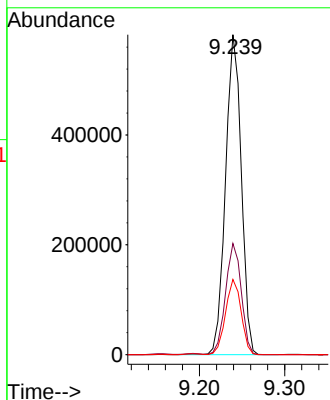
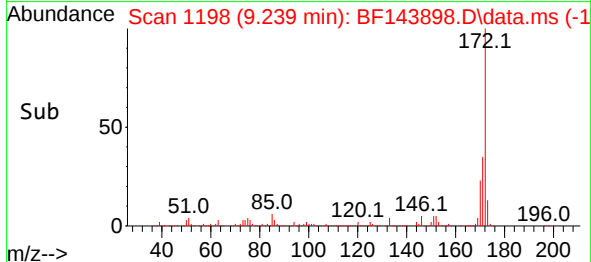
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



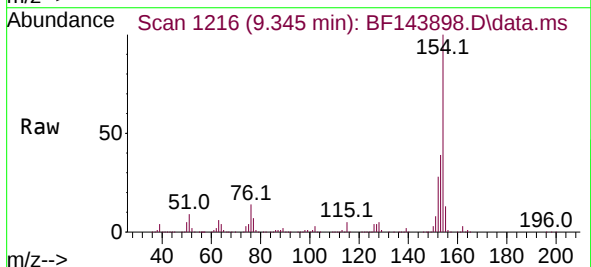
Tgt Ion:172 Resp: 747464
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.0
170 23.5 18.6 28.0

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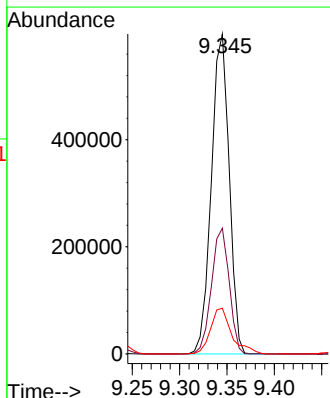
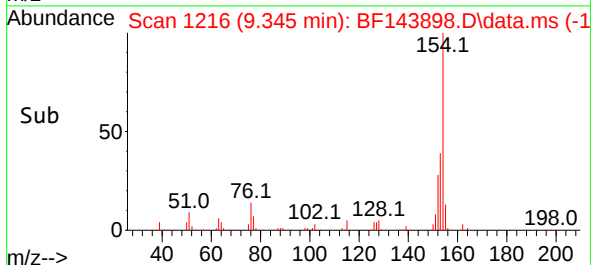
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

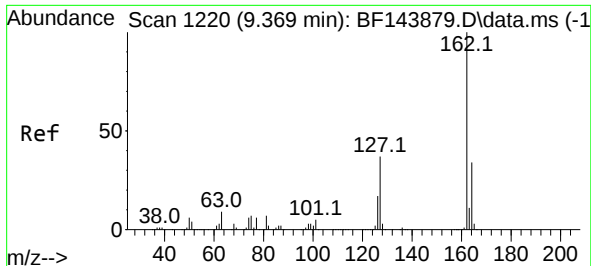


#46
1,1'-Biphenyl
Concen: 52.957 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



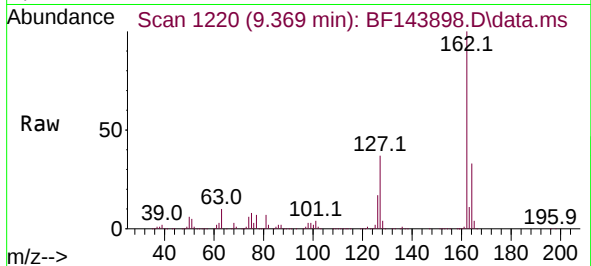
Tgt Ion:154 Resp: 780691
Ion Ratio Lower Upper
154 100
153 39.3 18.4 58.4
76 14.3 0.0 34.0





#47
2-Chloronaphthalene
Concen: 48.611 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

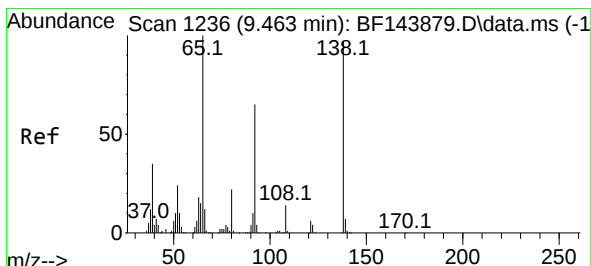
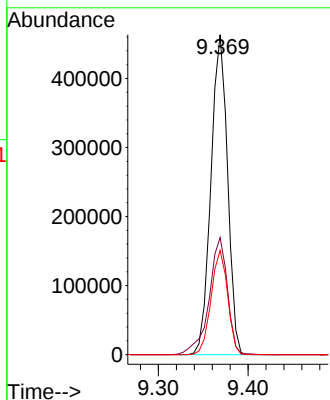
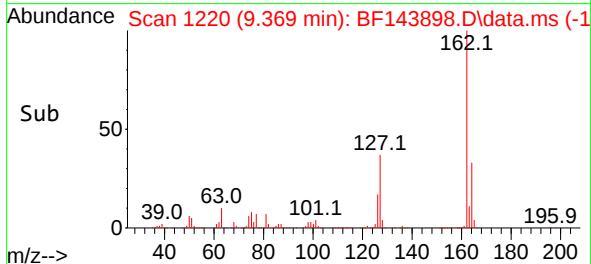
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



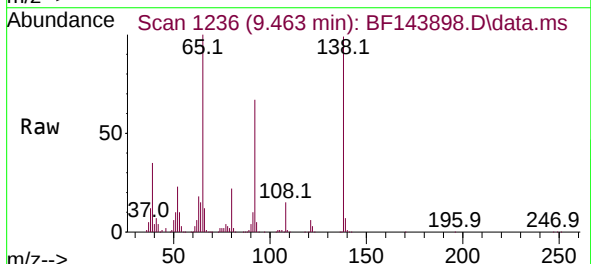
Tgt Ion:162 Resp: 597495
Ion Ratio Lower Upper
162 100
127 36.6 30.2 45.2
164 32.5 26.9 40.3

Manual Integrations
APPROVED

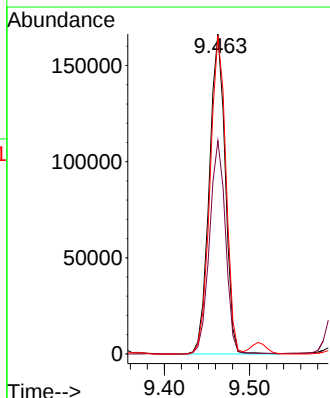
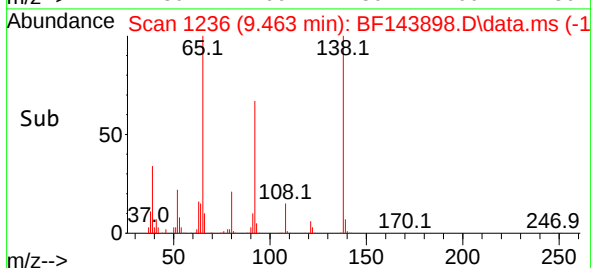
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

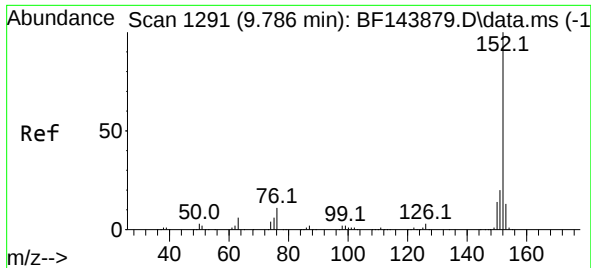


#48
2-Nitroaniline
Concen: 55.575 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



Tgt Ion: 65 Resp: 215962
Ion Ratio Lower Upper
65 100
92 66.6 52.1 78.1
138 99.5 77.4 116.2





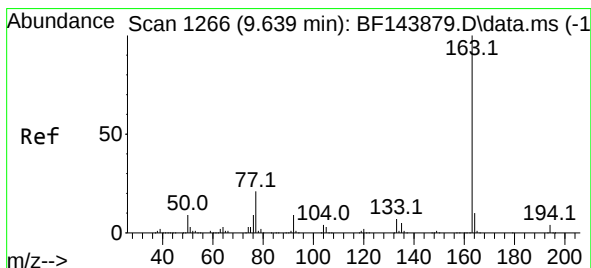
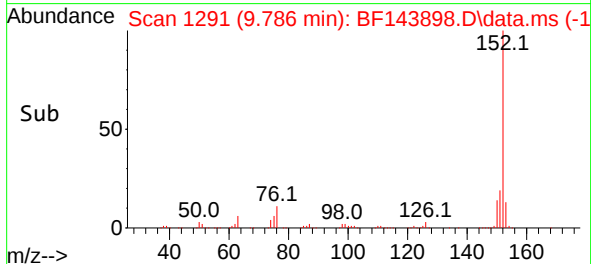
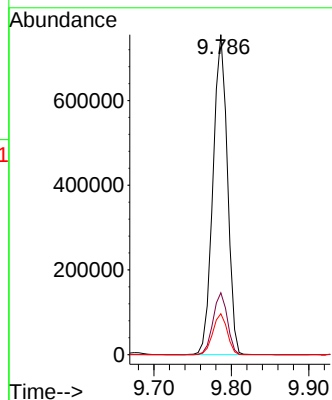
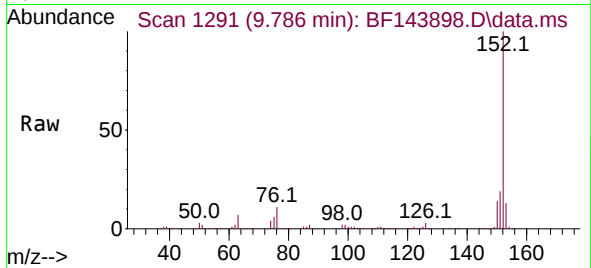
#49
Acenaphthylene
Concen: 56.447 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD

Tgt Ion:152 Resp: 975384
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 12.8 10.5 15.7

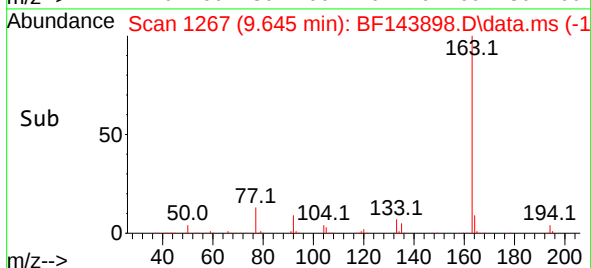
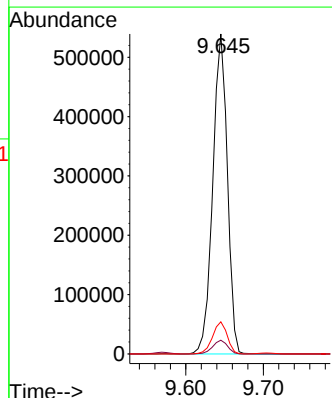
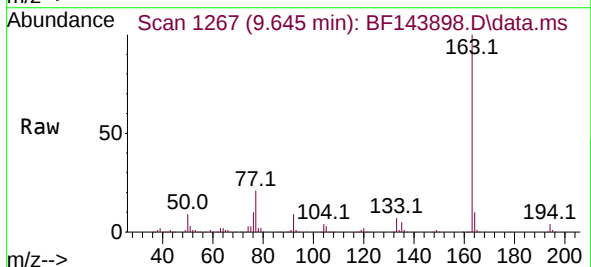
Manual Integrations
APPROVED

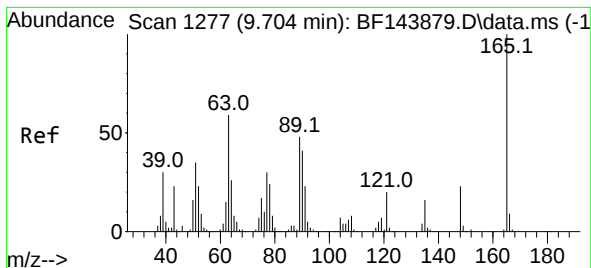
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#50
Dimethylphthalate
Concen: 49.842 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Tgt Ion:163 Resp: 704761
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.0 8.1 12.1





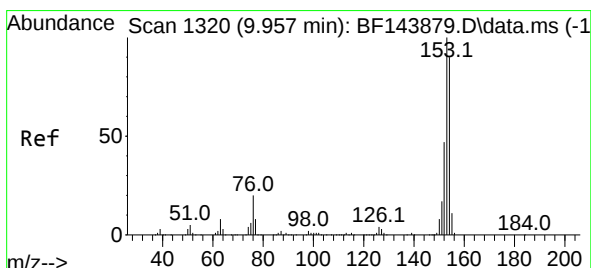
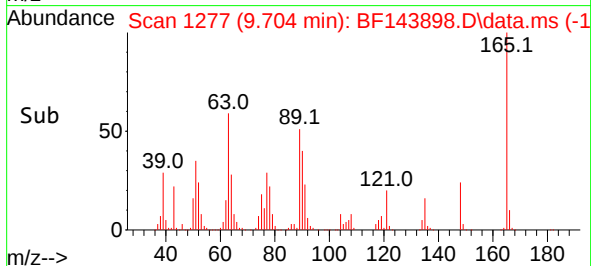
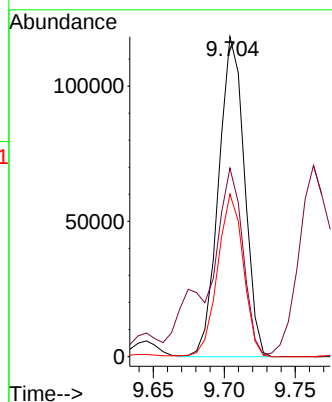
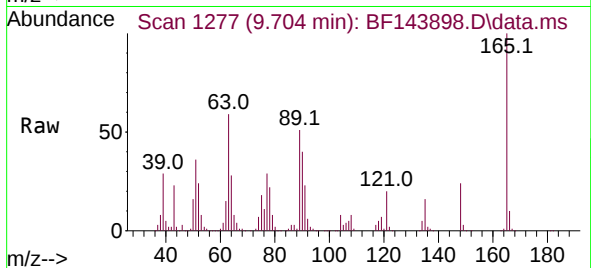
#51
2,6-Dinitrotoluene
Concen: 57.171 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD

Tgt Ion:165 Resp: 149899
Ion Ratio Lower Upper
165 100
63 58.9 47.3 70.9
89 50.8 38.2 57.4

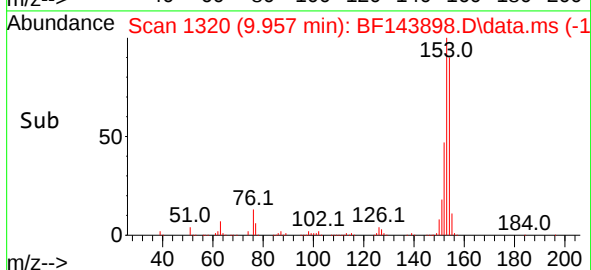
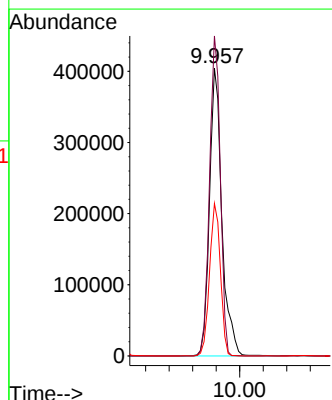
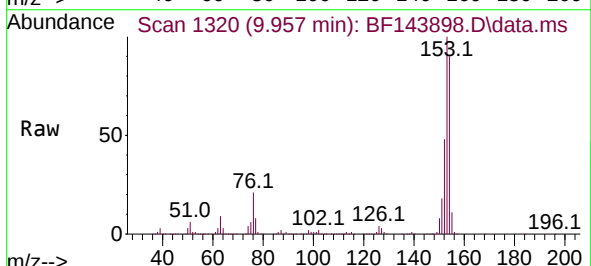
Manual Integrations
APPROVED

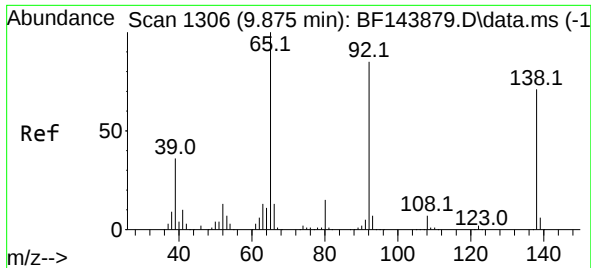
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#52
Acenaphthene
Concen: 52.257 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Tgt Ion:154 Resp: 591688
Ion Ratio Lower Upper
154 100
153 111.3 89.3 133.9
152 53.0 42.2 63.2





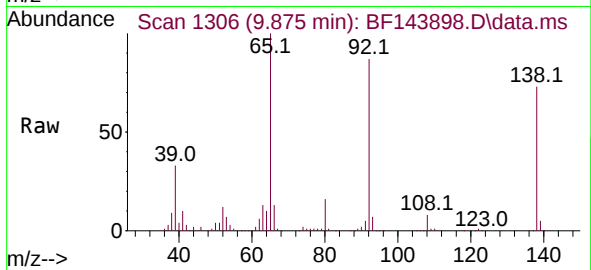
#53
3-Nitroaniline
Concen: 36.120 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

HL-WESTMSD

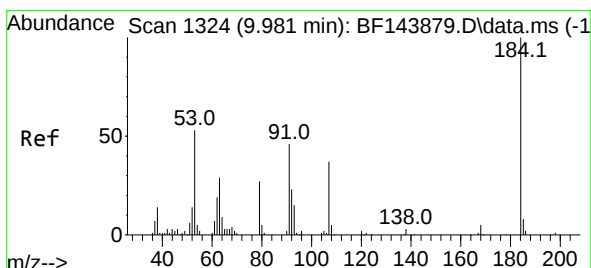
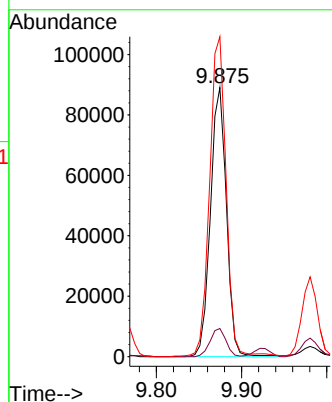
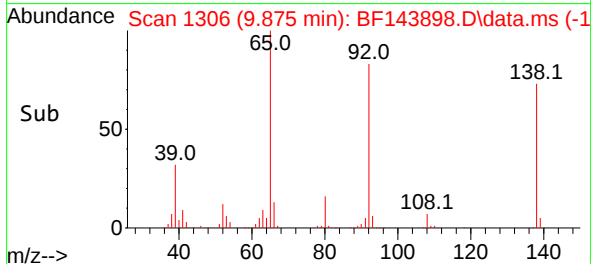


Tgt Ion:138 Resp: 115961
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 118.9 96.2 144.2

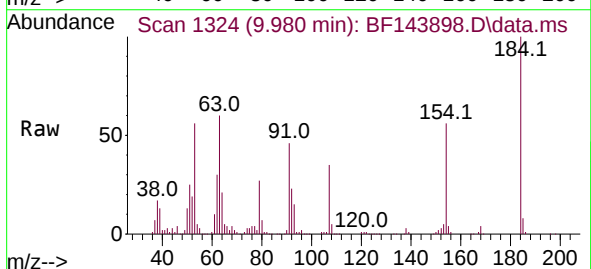
Manual Integrations

APPROVED

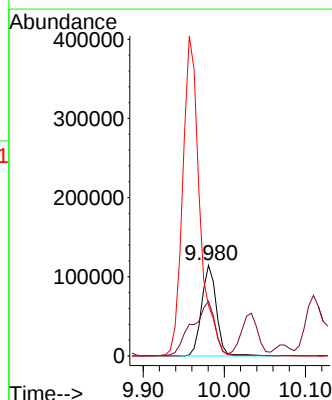
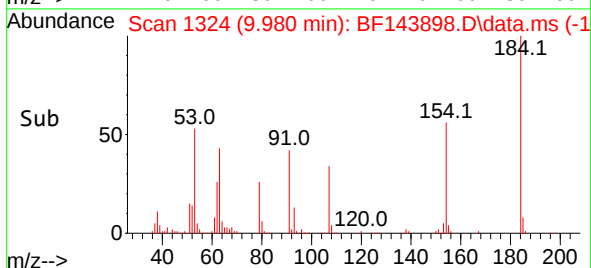
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

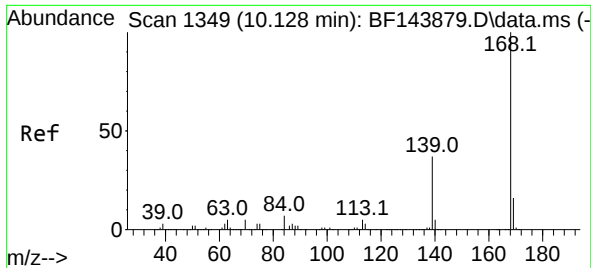


#54
2,4-Dinitrophenol
Concen: 88.955 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



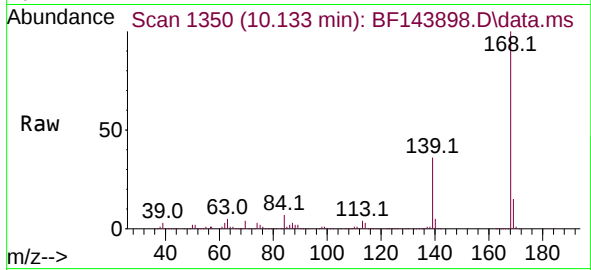
Tgt Ion:184 Resp: 145243
Ion Ratio Lower Upper
184 100
63 60.3 48.2 72.4
154 55.6 49.2 73.8





#55
Dibenzenofuran
Concen: 49.655 ng
RT: 10.133 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

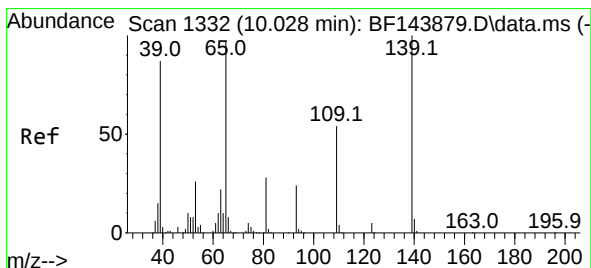
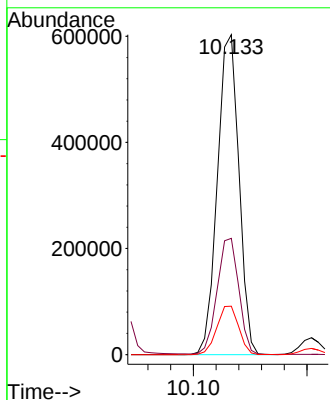
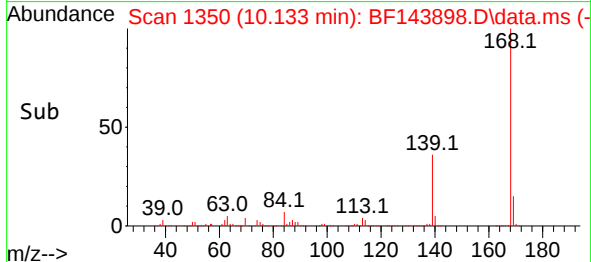
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



Tgt Ion:168 Resp: 793650
Ion Ratio Lower Upper
168 100
139 36.3 29.8 44.8
169 15.1 12.8 19.2

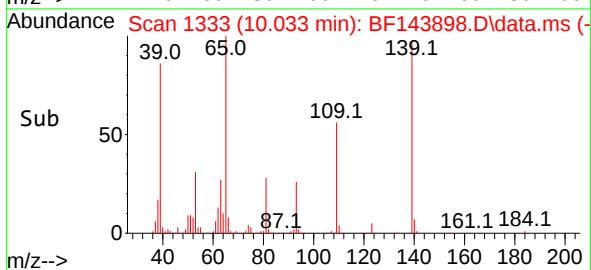
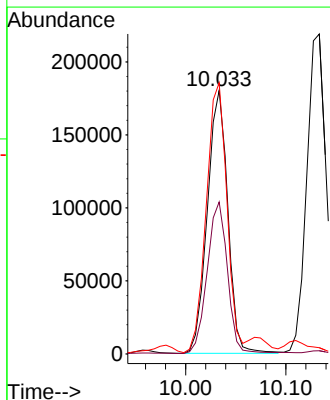
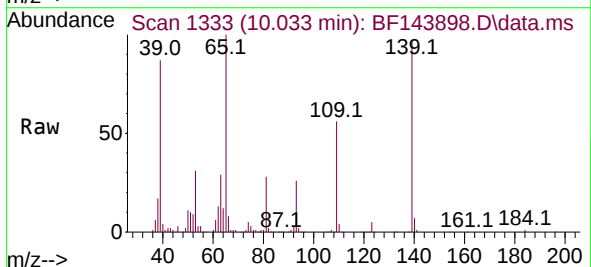
Manual Integrations
APPROVED

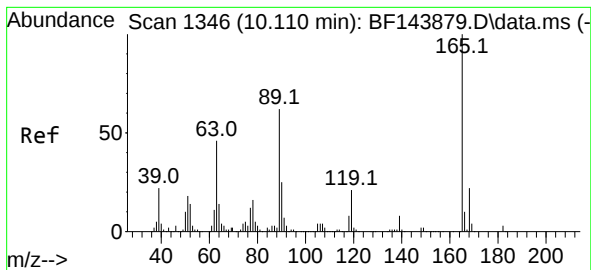
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#56
4-Nitrophenol
Concen: 104.941 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

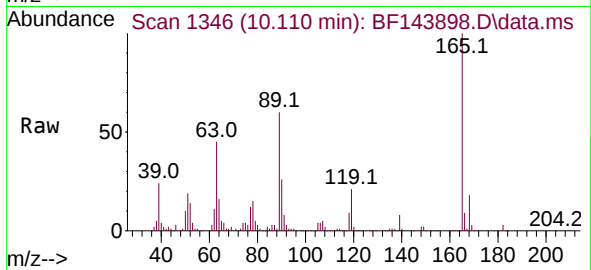
Tgt Ion:139 Resp: 255096
Ion Ratio Lower Upper
139 100
109 57.7 34.5 74.5
65 102.9 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 60.292 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

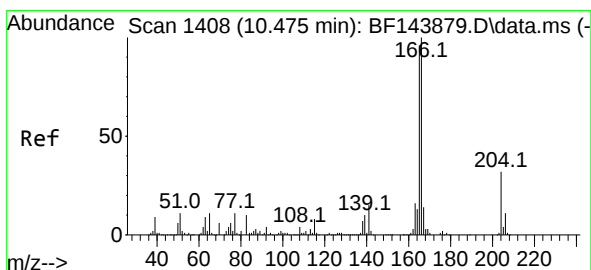
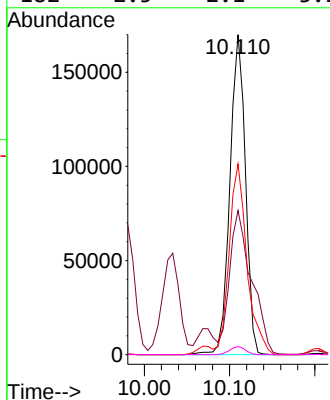
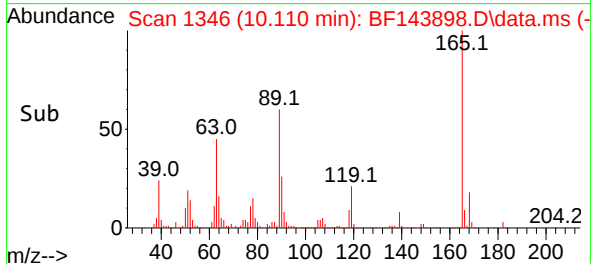
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



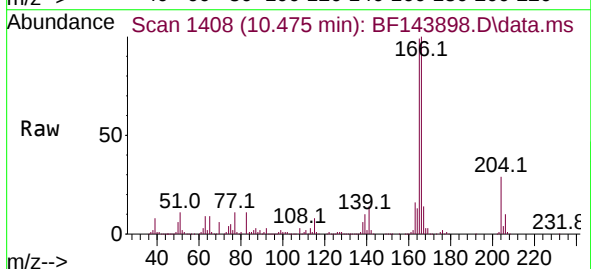
Tgt Ion:165 Resp: 215092
Ion Ratio Lower Upper
165 100
63 45.0 37.2 55.8
89 59.6 49.4 74.2
182 2.5 2.1 3.1

Manual Integrations
APPROVED

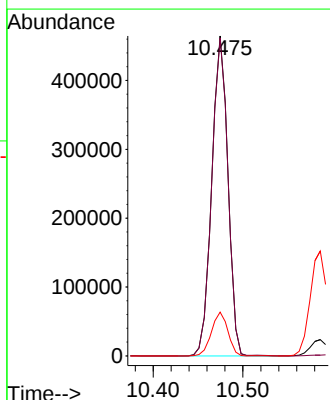
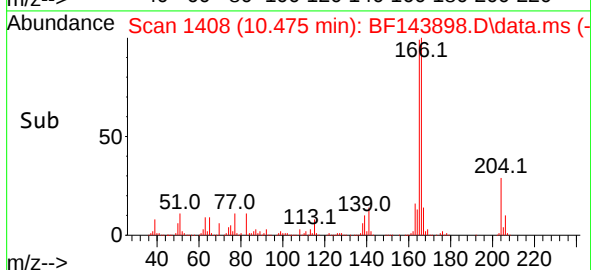
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

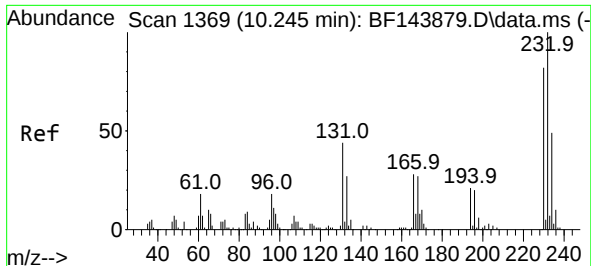


#58
Fluorene
Concen: 48.447 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



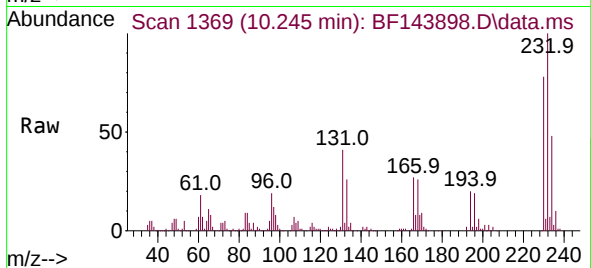
Tgt Ion:166 Resp: 584296
Ion Ratio Lower Upper
166 100
165 99.4 77.0 115.6
167 13.7 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.540 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

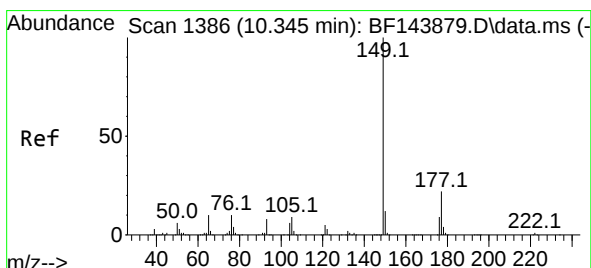
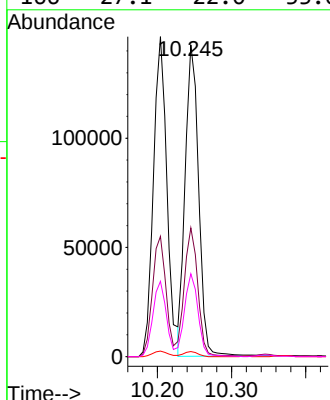
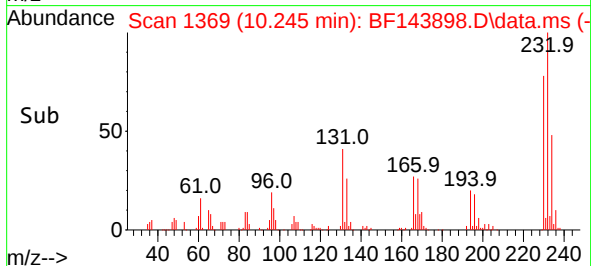
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



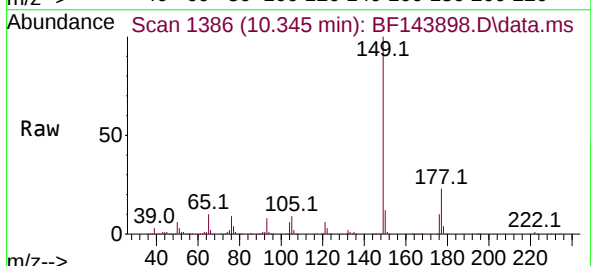
Tgt Ion:232 Resp: 180088
Ion Ratio Lower Upper
232 100
131 41.5 34.9 52.3
130 1.7 1.6 2.4
166 27.1 22.0 33.0

Manual Integrations
APPROVED

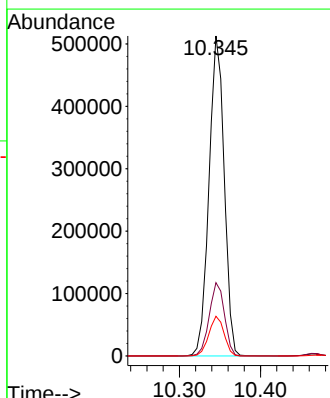
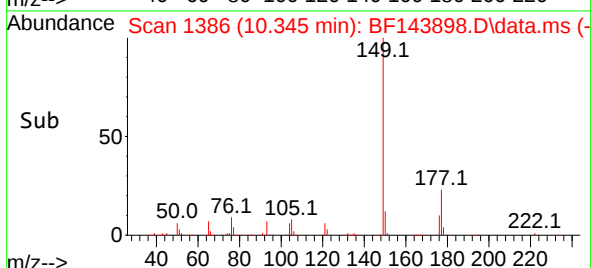
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

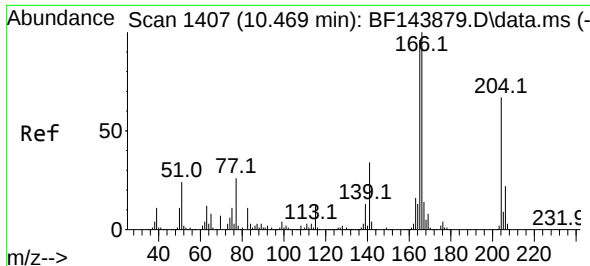


#60
Diethylphthalate
Concen: 50.817 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



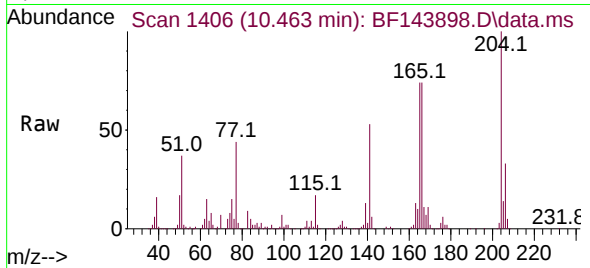
Tgt Ion:149 Resp: 667532
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 48.236 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

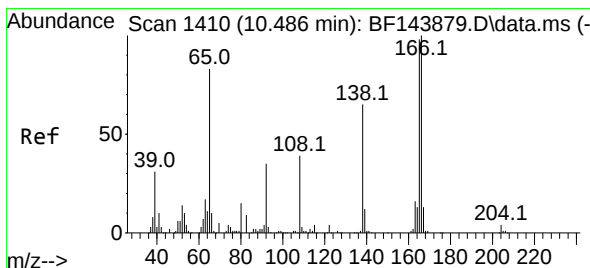
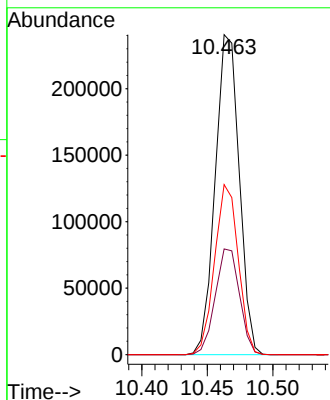
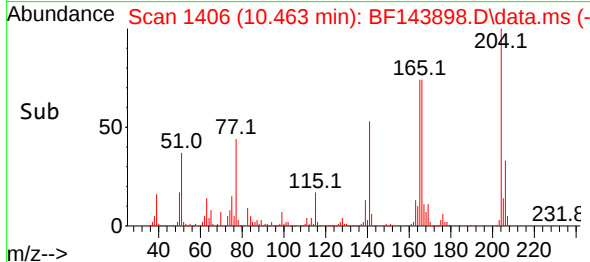
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



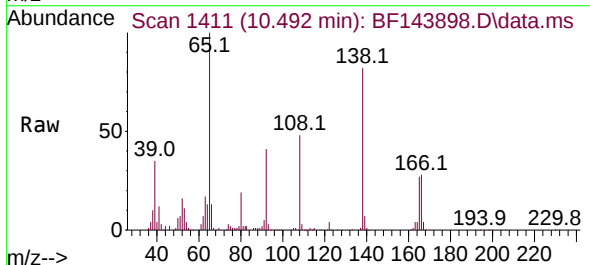
Tgt Ion:204 Resp: 307569
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 53.1 40.4 60.6

Manual Integrations
APPROVED

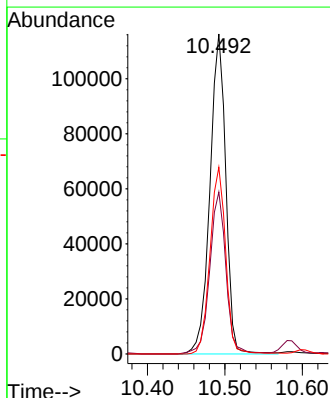
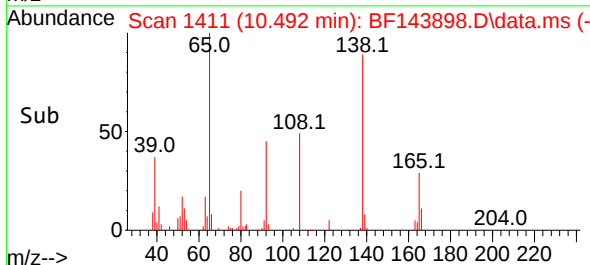
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

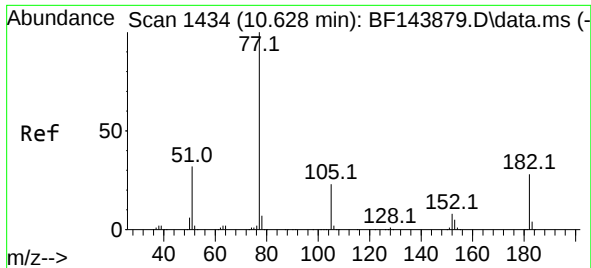


#62
4-Nitroaniline
Concen: 53.449 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



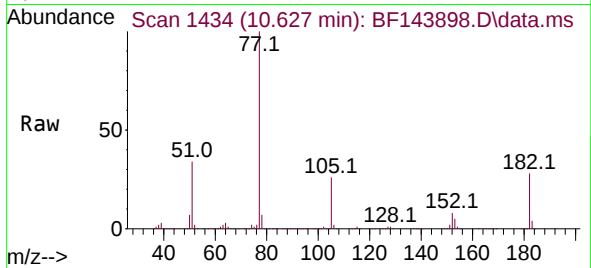
Tgt Ion:138 Resp: 165010
Ion Ratio Lower Upper
138 100
92 50.6 33.9 73.9
108 58.3 40.2 80.2





#63
Azobenzene
Concen: 56.903 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

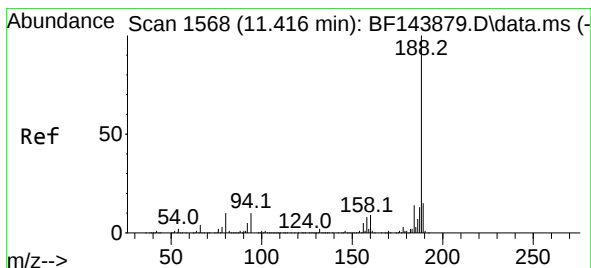
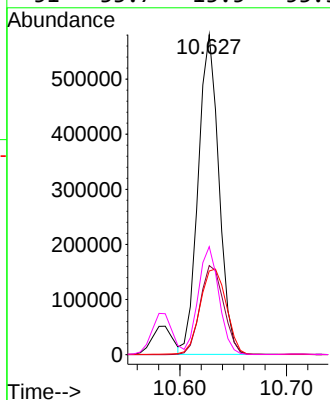
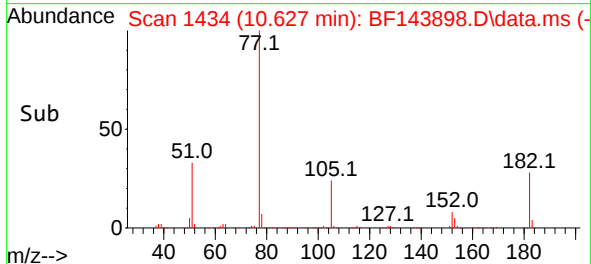
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



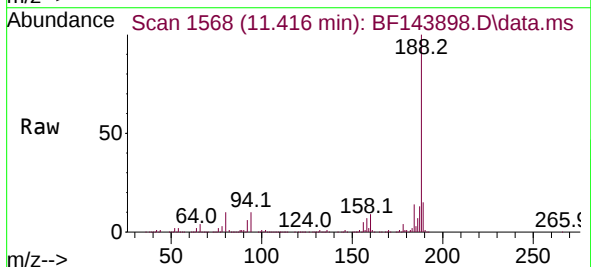
Tgt Ion: 77 Resp: 781216
Ion Ratio Lower Upper
77 100
182 27.8 7.3 47.3
105 26.1 3.0 43.0
51 33.7 13.5 53.5

Manual Integrations
APPROVED

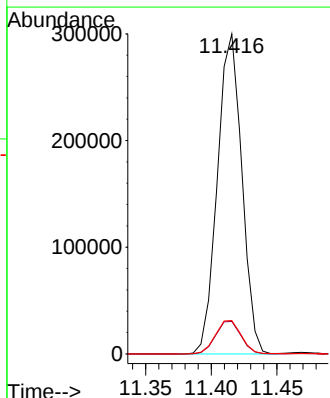
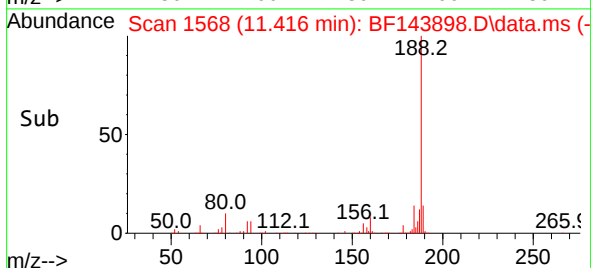
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

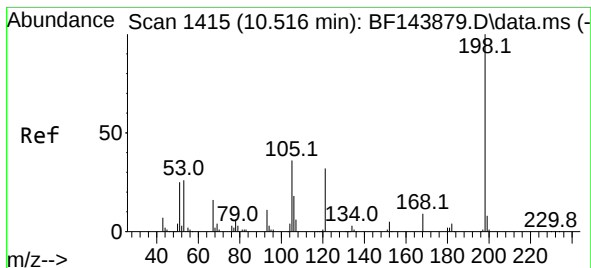


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



Tgt Ion:188 Resp: 390191
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.4 7.9 11.9





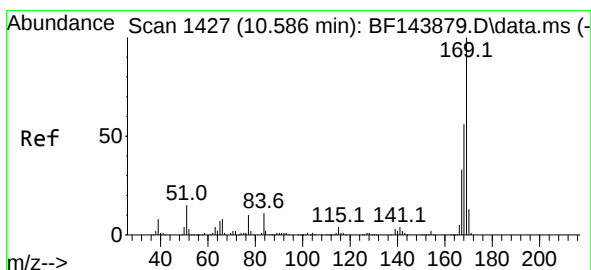
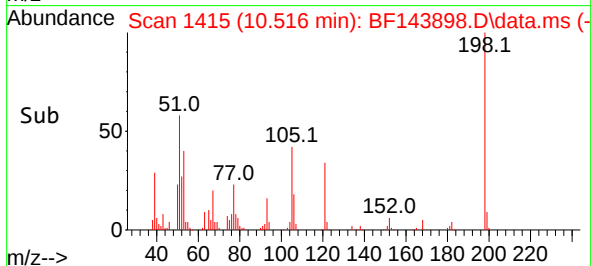
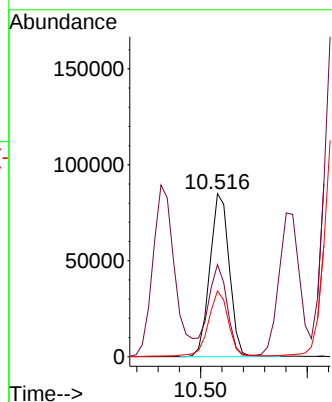
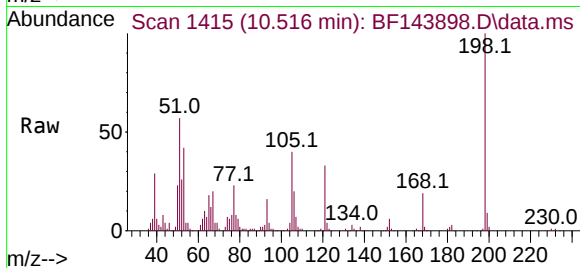
#65
4,6-Dinitro-2-methylphenol
Concen: 54.835 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD

Tgt Ion:198 Resp: 107520
Ion Ratio Lower Upper
198 100
51 56.5 33.8 73.8
105 40.3 17.0 57.0

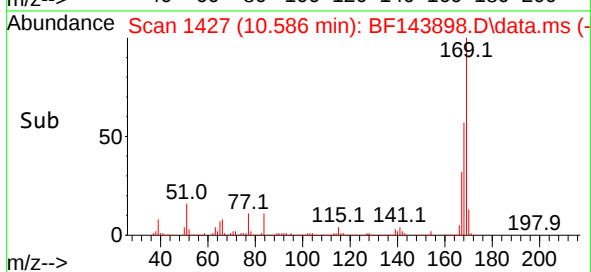
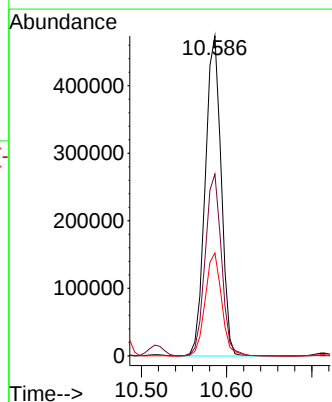
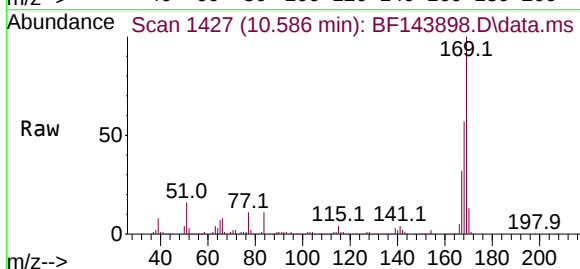
Manual Integrations
APPROVED

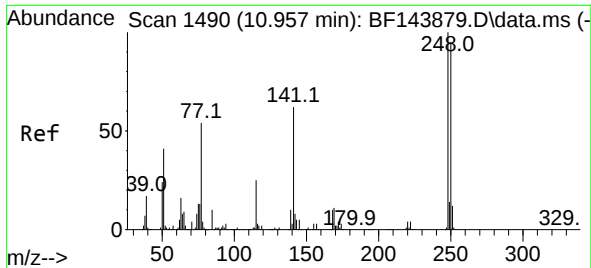
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#66
n-Nitrosodiphenylamine
Concen: 50.179 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Tgt Ion:169 Resp: 614771
Ion Ratio Lower Upper
169 100
168 56.8 44.9 67.3
167 32.2 26.3 39.5





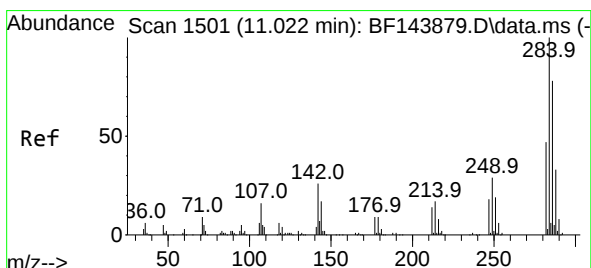
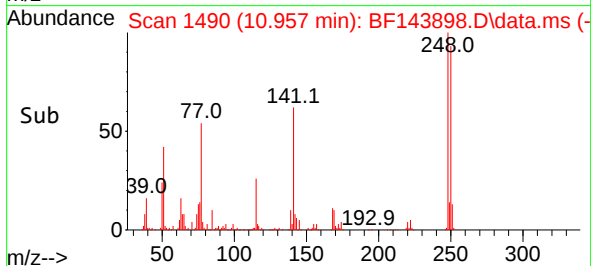
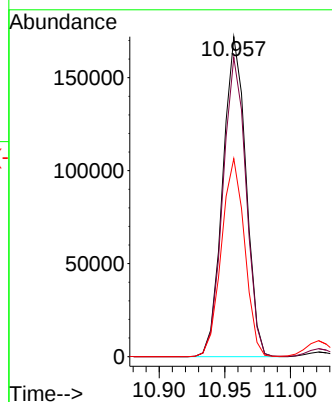
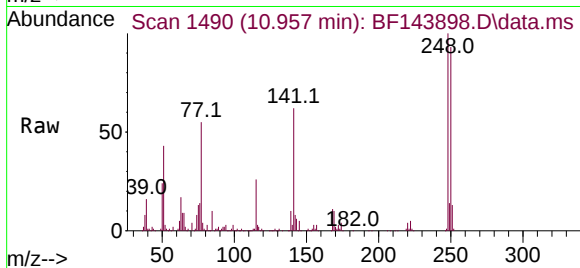
#67
4-Bromophenyl-phenylether
Concen: 49.121 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD

Tgt Ion:248 Resp: 211821
Ion Ratio Lower Upper
248 100
250 93.5 76.3 114.5
141 61.9 49.7 74.5

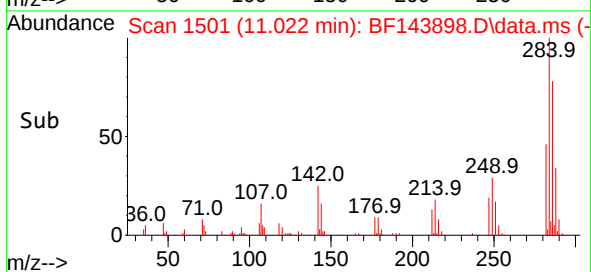
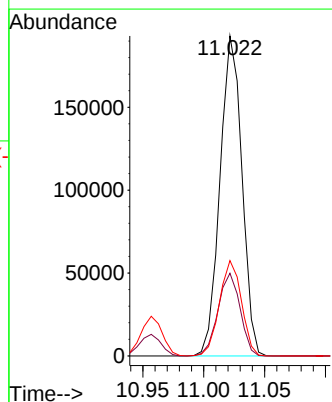
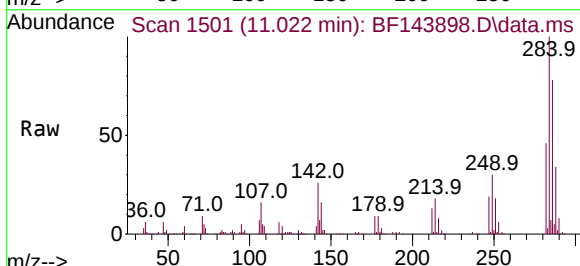
Manual Integrations
APPROVED

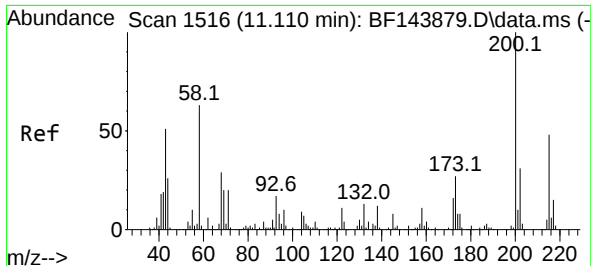
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#68
Hexachlorobenzene
Concen: 48.460 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

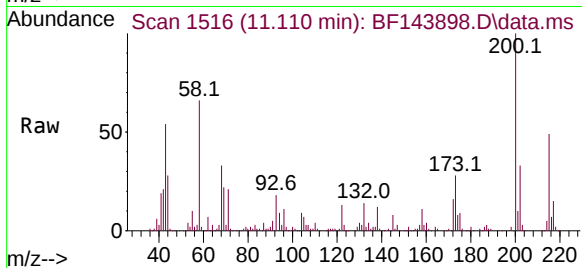
Tgt Ion:284 Resp: 241925
Ion Ratio Lower Upper
284 100
142 25.8 20.6 30.8
249 29.8 23.2 34.8





#69
Atrazine
Concen: 52.639 ng
RT: 11.110 min Scan# 1516
Delta R.T. -0.012 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

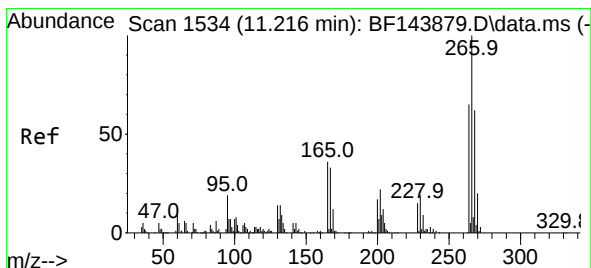
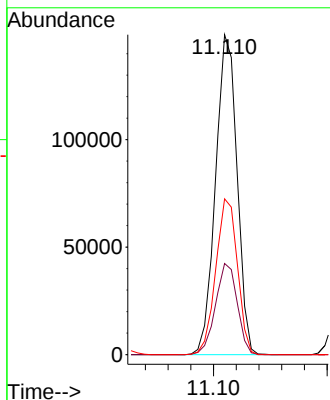
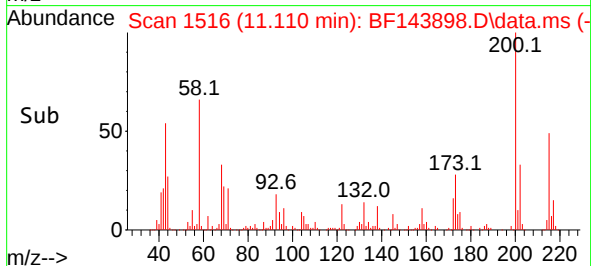
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



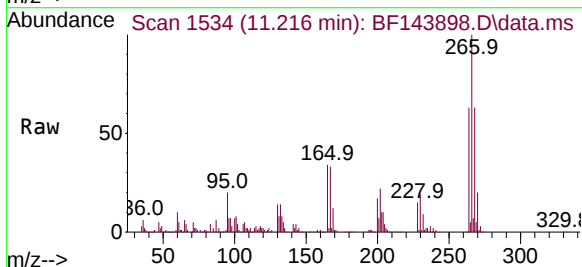
Tgt Ion:200 Resp: 195476
Ion Ratio Lower Upper
200 100
173 28.5 7.0 47.0
215 48.7 27.8 67.8

Manual Integrations
APPROVED

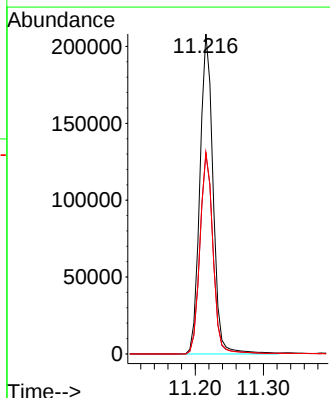
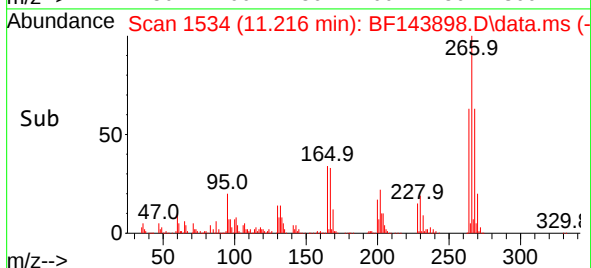
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

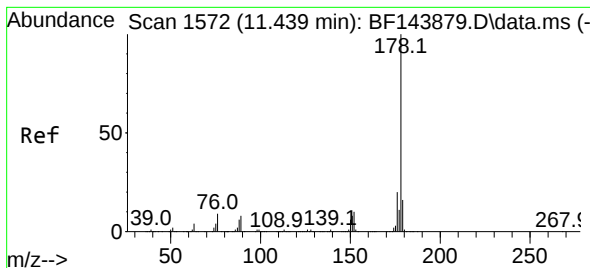


#70
Pentachlorophenol
Concen: 97.390 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



Tgt Ion:266 Resp: 279238
Ion Ratio Lower Upper
266 100
268 62.6 49.4 74.0
264 62.9 51.8 77.6





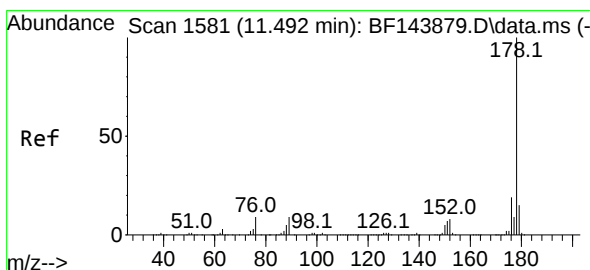
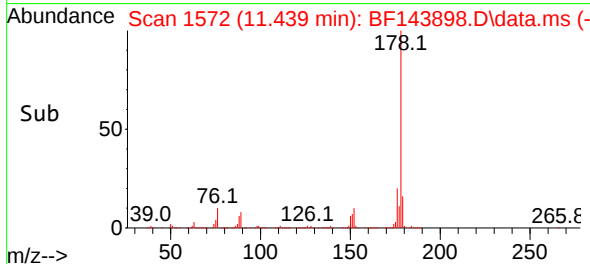
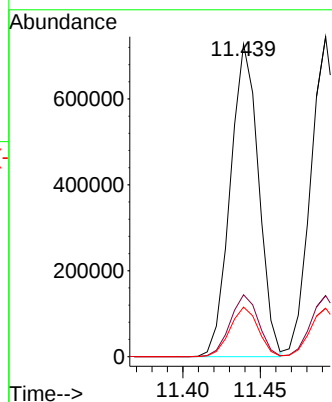
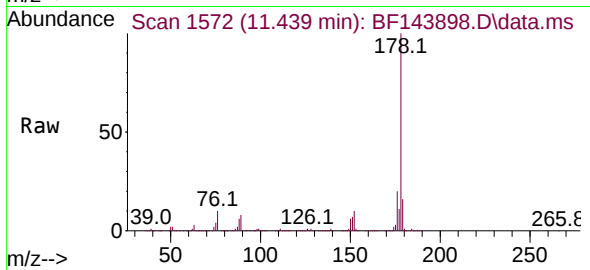
#71
Phenanthrene
Concen: 48.988 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD

Tgt Ion:178 Resp: 926678
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.9 12.4 18.6

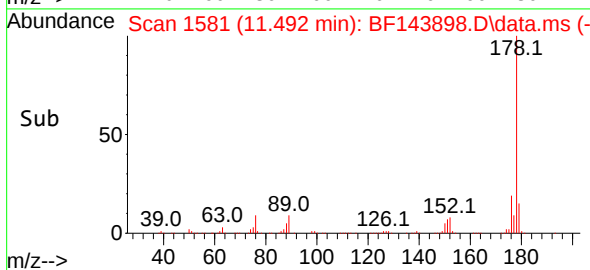
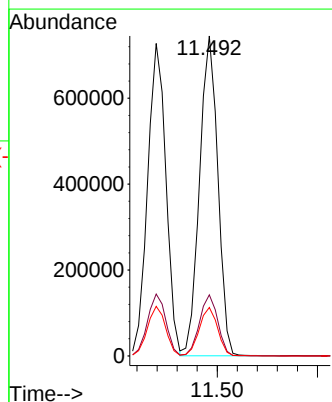
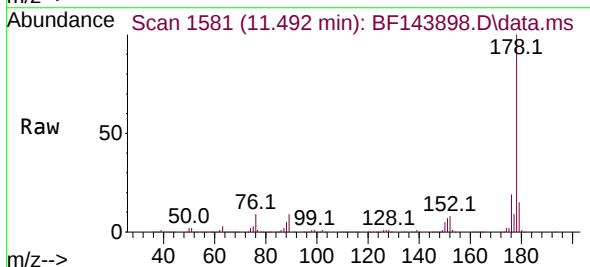
Manual Integrations
APPROVED

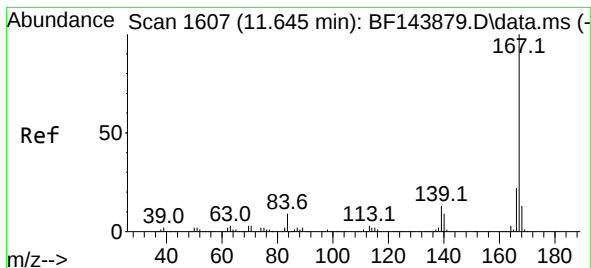
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#72
Anthracene
Concen: 49.201 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

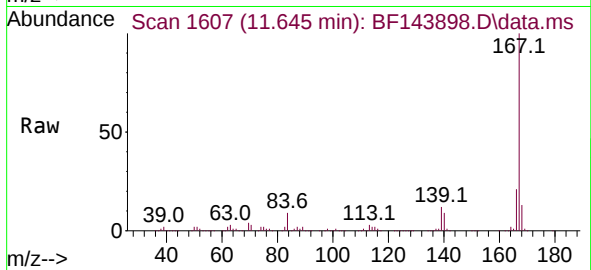
Tgt Ion:178 Resp: 940243
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.1 12.2 18.2





#73
 Carbazole
 Concen: 49.945 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143898.D
 Acq: 08 Oct 2025 16:38

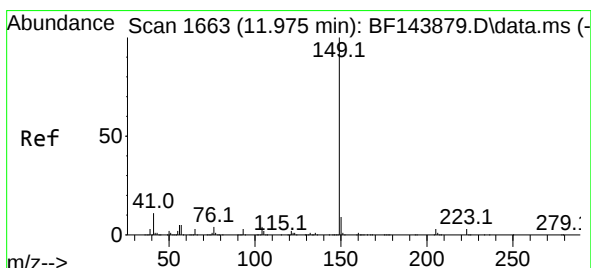
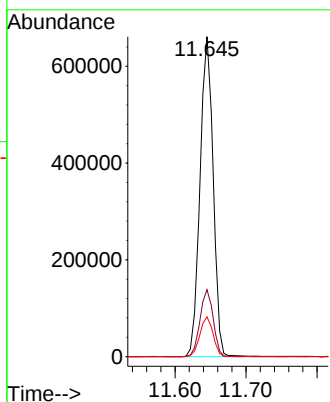
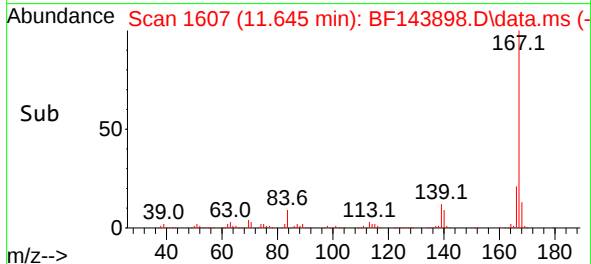
Instrument :
 BNA_F
 ClientSampleId :
 HL-WESTMSD



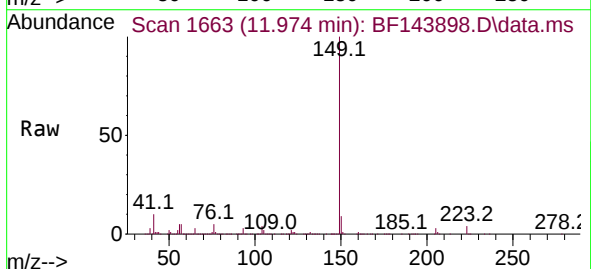
Tgt Ion:167 Resp: 845327
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 12.4 10.1 15.1

Manual Integrations
 APPROVED

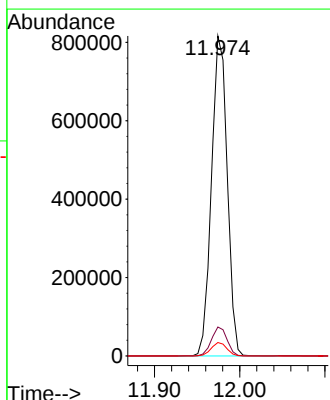
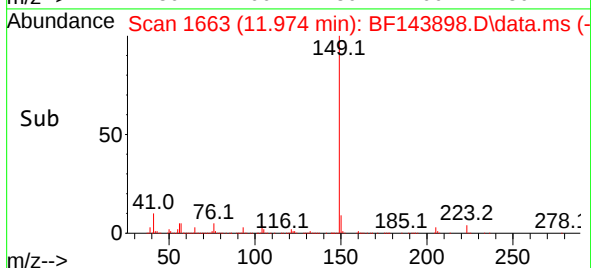
Reviewed By :Rahul Chavli 10/09/2025
 Supervised By :Jagrut Upadhyay 10/09/2025

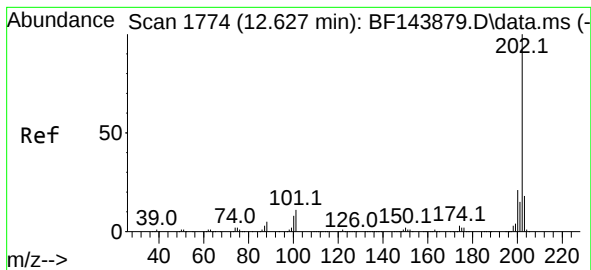


#74
 Di-n-butylphthalate
 Concen: 53.344 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143898.D
 Acq: 08 Oct 2025 16:38



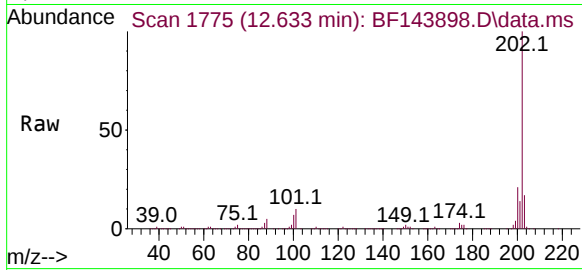
Tgt Ion:149 Resp: 1046393
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.2 3.4 5.2





#75
Fluoranthene
Concen: 49.490 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

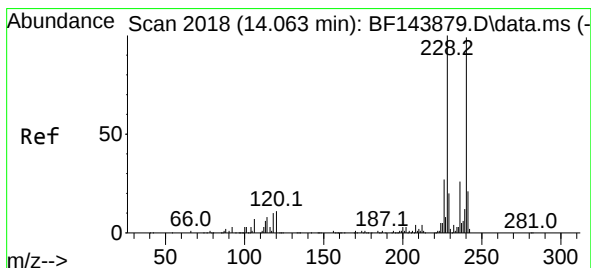
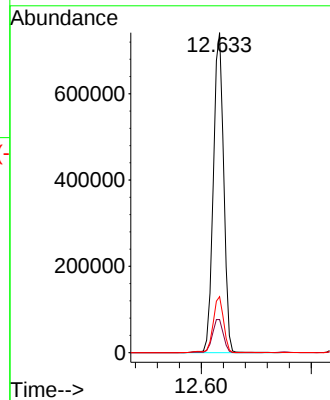
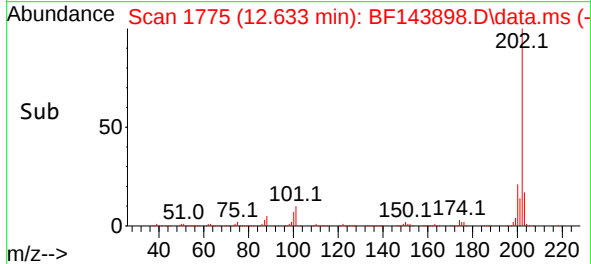
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



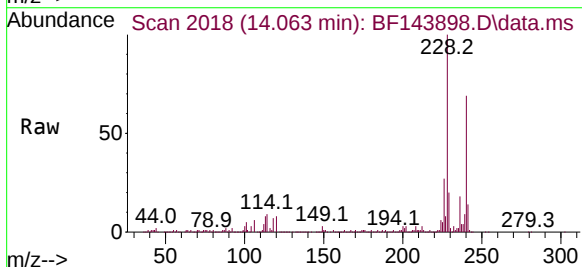
Tgt Ion:202 Resp: 967001
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 17.5 0.0 37.8

Manual Integrations
APPROVED

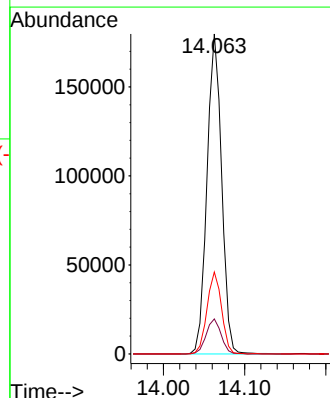
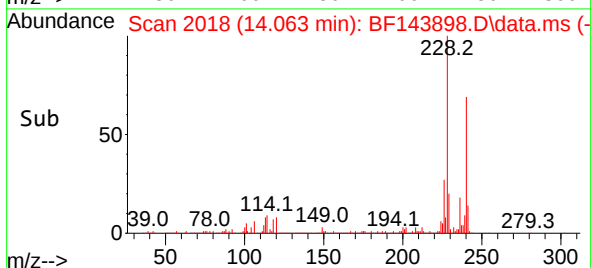
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

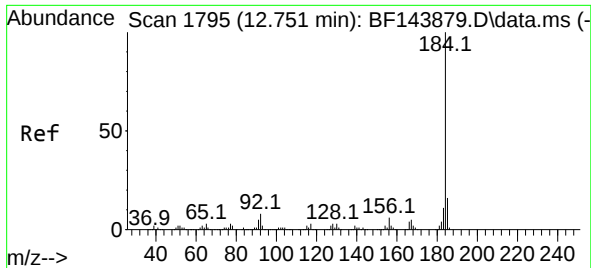


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



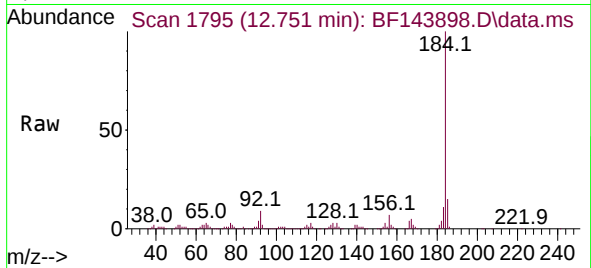
Tgt Ion:240 Resp: 225428
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 25.6 21.1 31.7





#77
Benzidine
Concen: 52.937 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

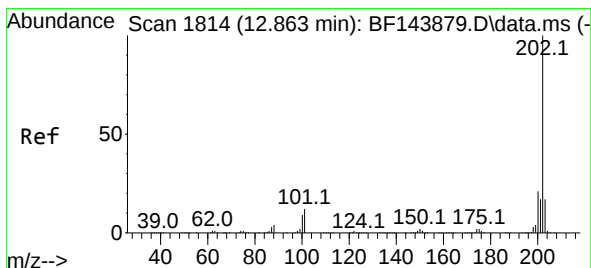
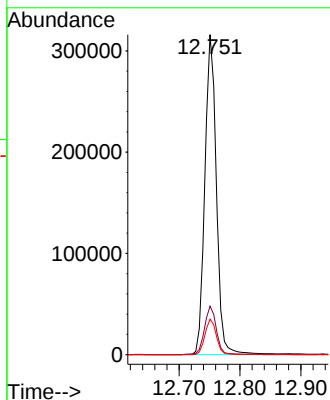
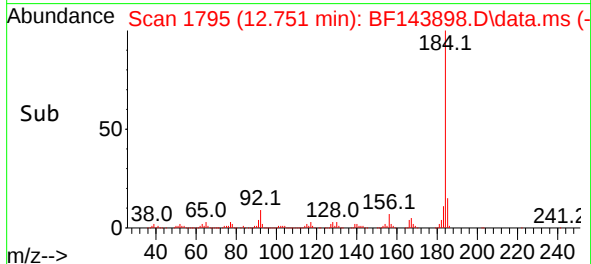
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



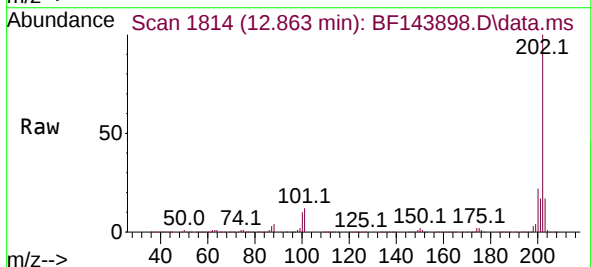
Tgt Ion:184 Resp: 414361
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 11.1 8.8 13.2

Manual Integrations
APPROVED

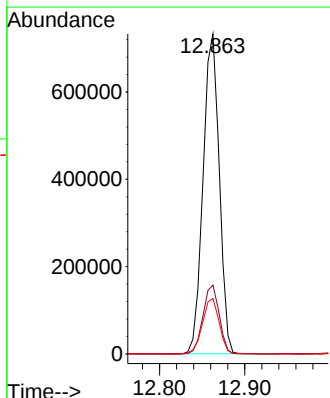
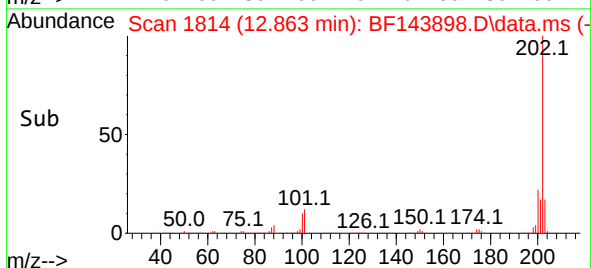
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

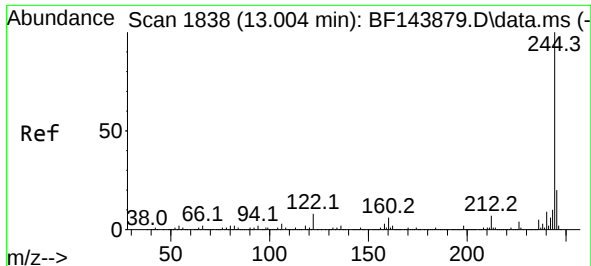


#78
Pyrene
Concen: 51.486 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



Tgt Ion:202 Resp: 967608
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.3 13.8 20.6





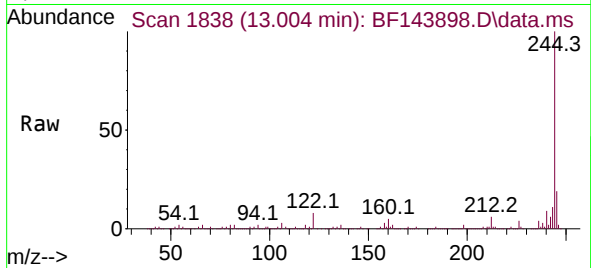
#79
 Terphenyl-d14
 Concen: 61.517 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143898.D
 Acq: 08 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

HL-WESTMSD



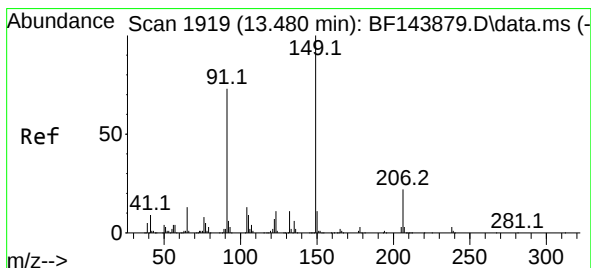
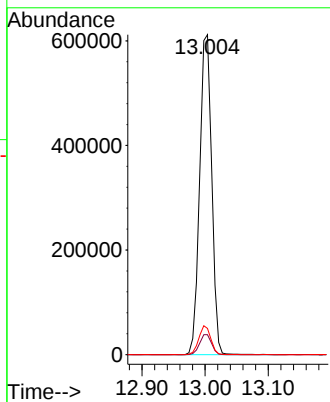
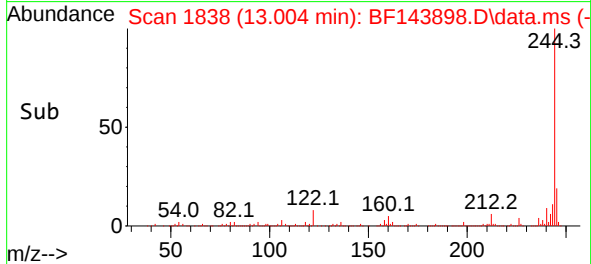
Tgt Ion:244 Resp: 811412
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 8.2 6.4 9.6

Manual Integrations

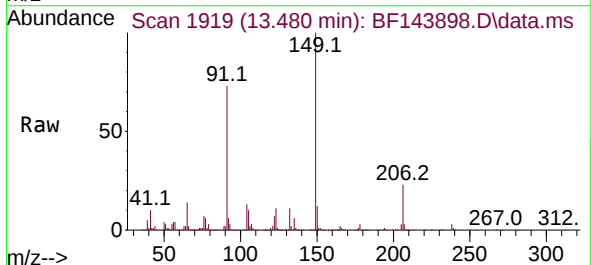
APPROVED

Reviewed By :Rahul Chavli 10/09/2025

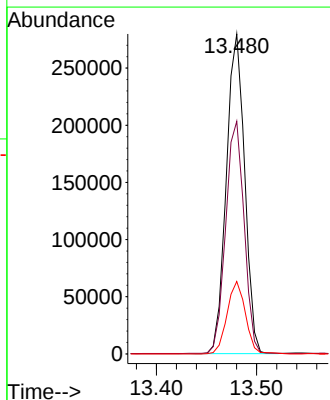
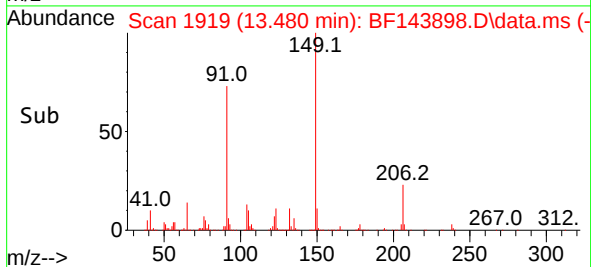
Supervised By :Jagrut Upadhyay 10/09/2025

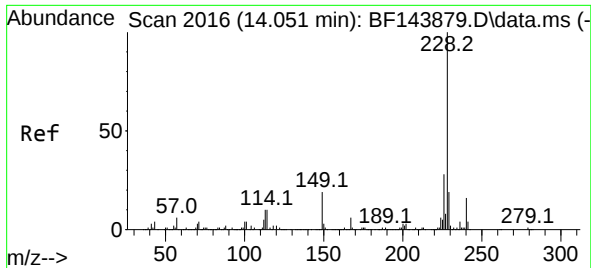


#80
 Butylbenzylphthalate
 Concen: 58.294 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143898.D
 Acq: 08 Oct 2025 16:38



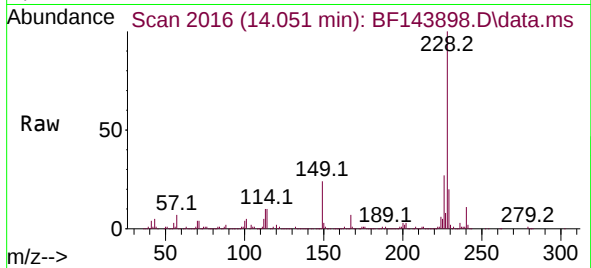
Tgt Ion:149 Resp: 355800
 Ion Ratio Lower Upper
 149 100
 91 72.7 58.2 87.2
 206 22.6 17.9 26.9





#81
Benzo(a)anthracene
Concen: 51.020 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

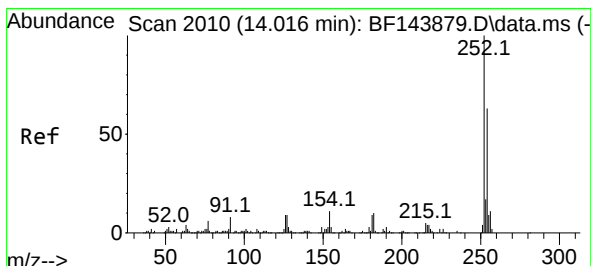
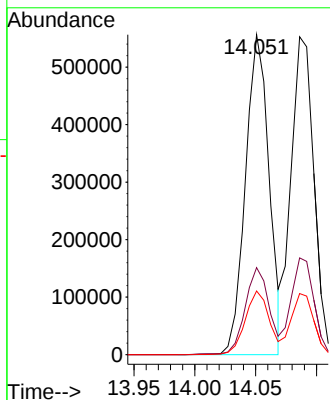
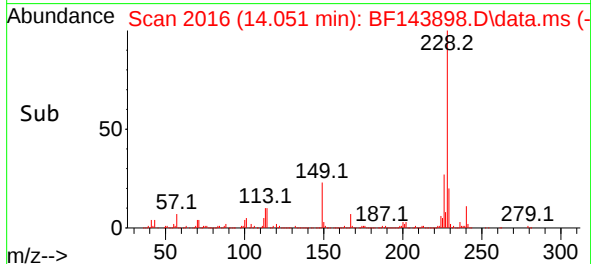
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



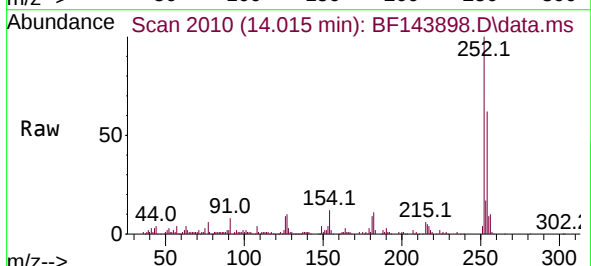
Tgt Ion:228 Resp: 752658
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.2
229 19.9 15.6 23.4

Manual Integrations
APPROVED

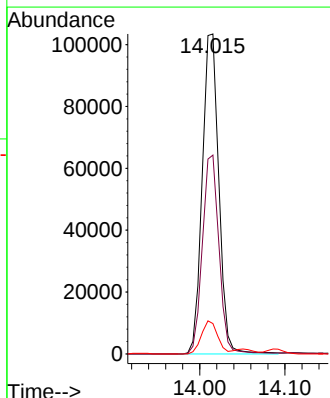
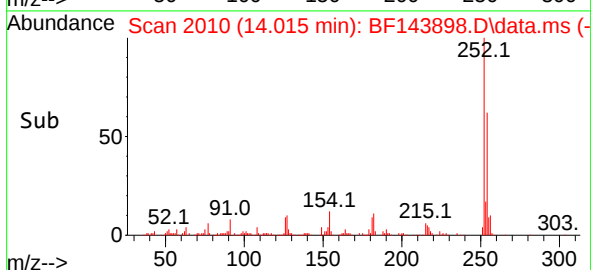
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

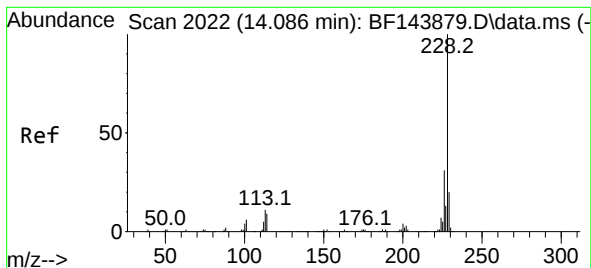


#82
3,3'-Dichlorobenzidine
Concen: 31.079 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



Tgt Ion:252 Resp: 139723
Ion Ratio Lower Upper
252 100
254 62.1 50.6 76.0
126 9.5 7.0 10.6





#83

Chrysene

Concen: 52.670 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143898.D

Acq: 08 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

HL-WESTMSD

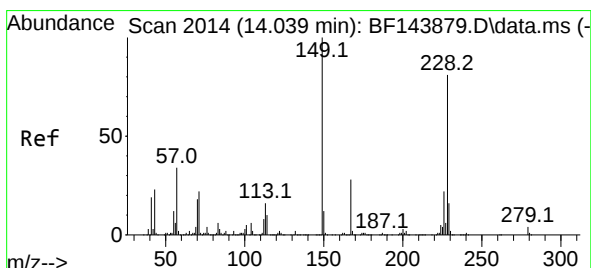
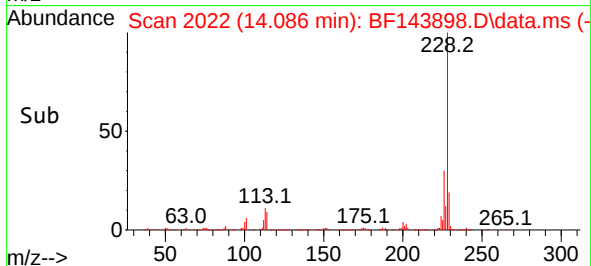
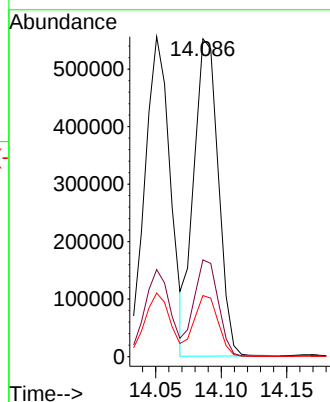
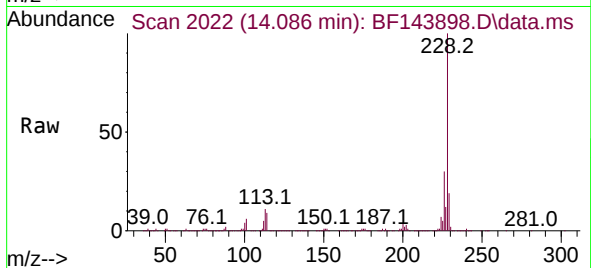
Tgt Ion:228 Resp: 719133
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 19.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.620 ng

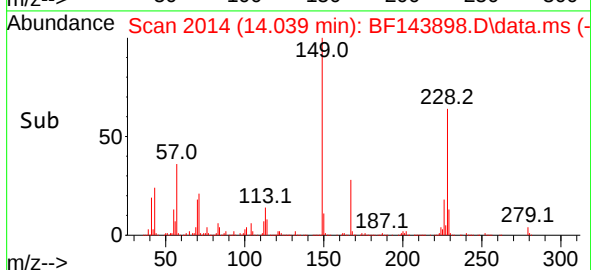
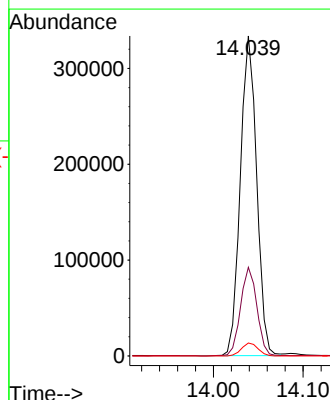
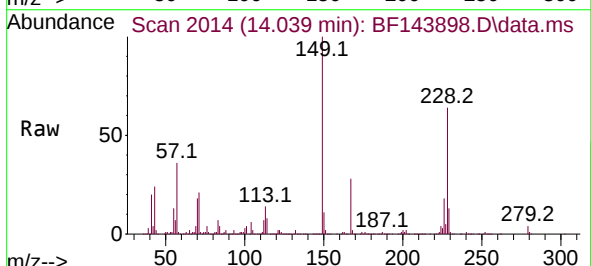
RT: 14.039 min Scan# 2014

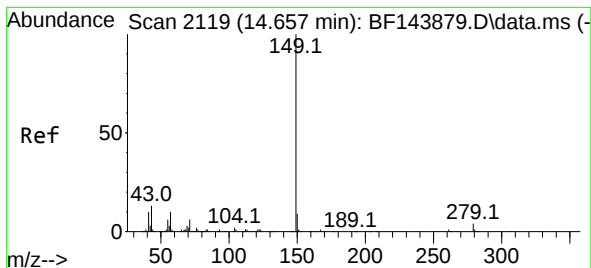
Delta R.T. 0.000 min

Lab File: BF143898.D

Acq: 08 Oct 2025 16:38

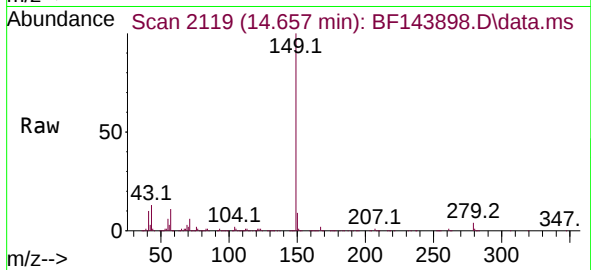
Tgt Ion:149 Resp: 423943
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.4
 279 4.0 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 58.477 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

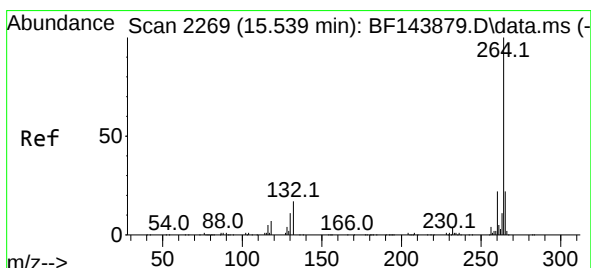
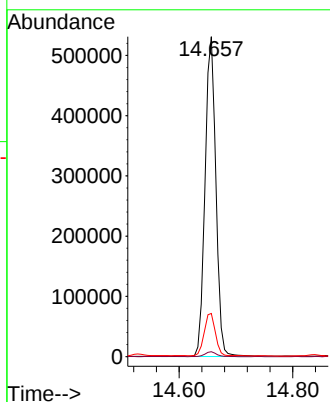
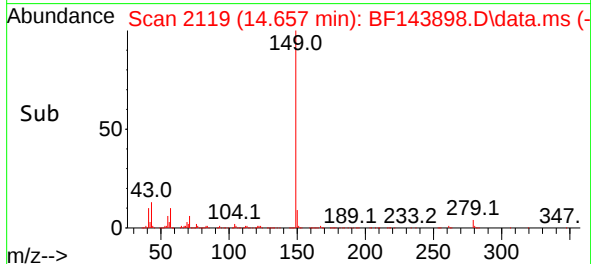
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



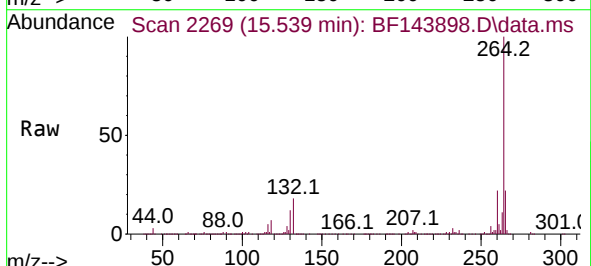
Tgt Ion:149 Resp: 706653
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 13.7 11.0 16.4

Manual Integrations
APPROVED

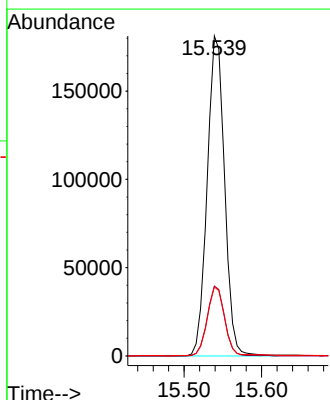
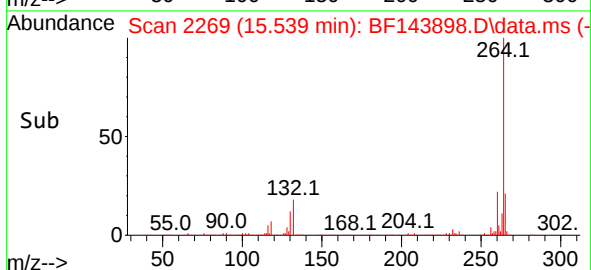
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

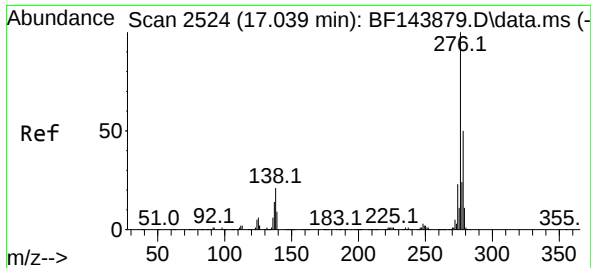


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



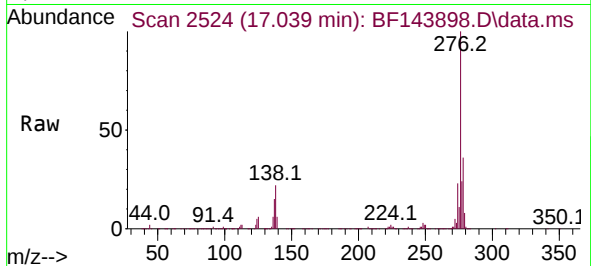
Tgt Ion:264 Resp: 282211
Ion Ratio Lower Upper
264 100
260 21.8 17.8 26.8
265 21.5 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.629 ng
RT: 17.039 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

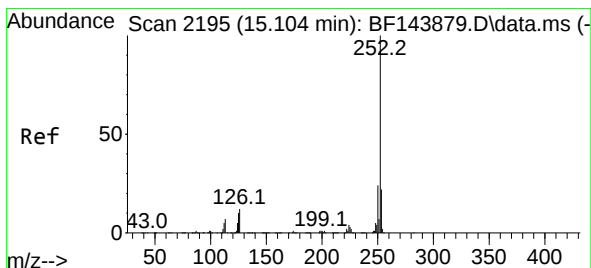
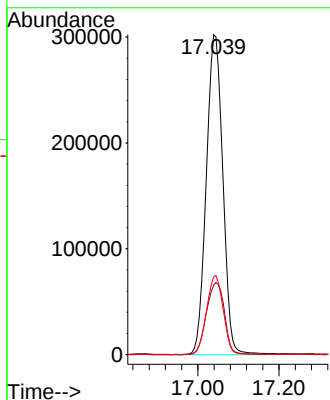
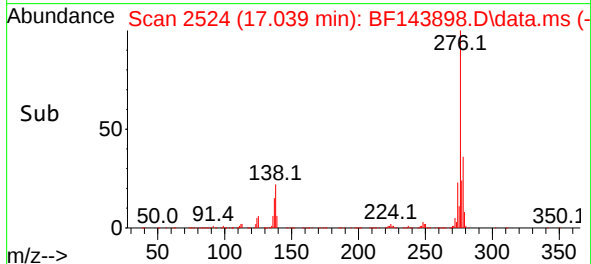
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



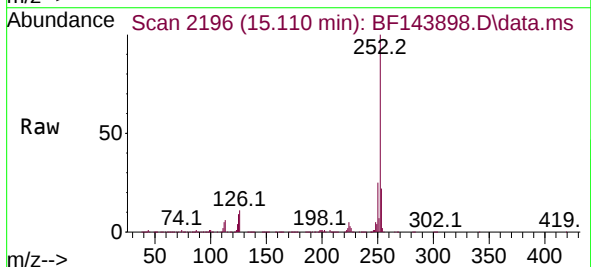
Tgt Ion:276 Resp: 858204
Ion Ratio Lower Upper
276 100
138 24.6 18.2 27.2
277 25.0 19.8 29.6

Manual Integrations
APPROVED

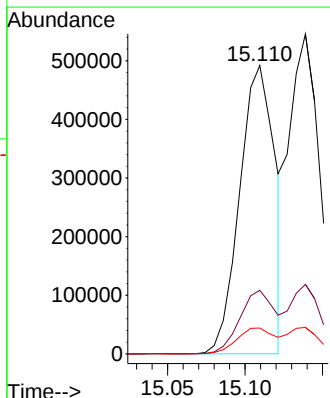
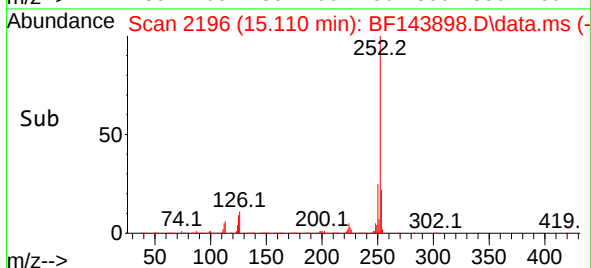
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

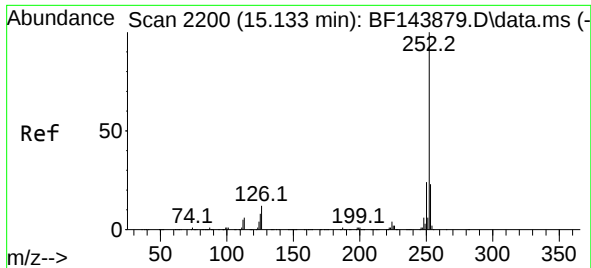


#88
Benzo(b)fluoranthene
Concen: 47.736 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38



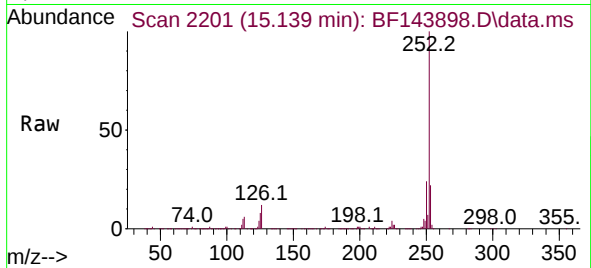
Tgt Ion:252 Resp: 773858
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.0 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 49.673 ng
RT: 15.139 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

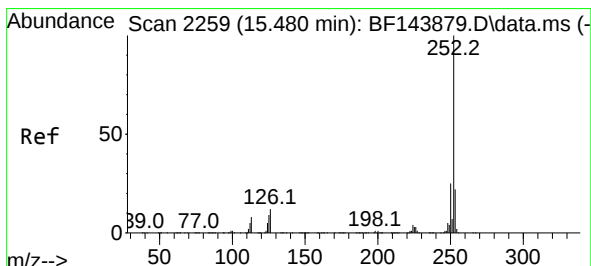
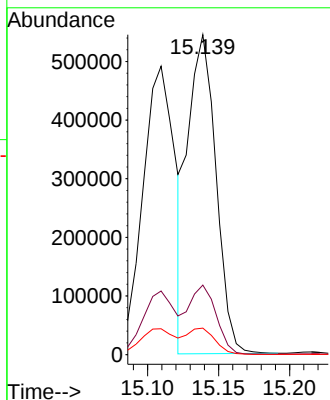
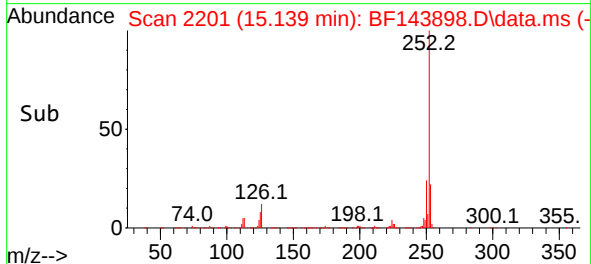
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



Tgt Ion:252 Resp: 745122
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 8.3 7.4 11.2

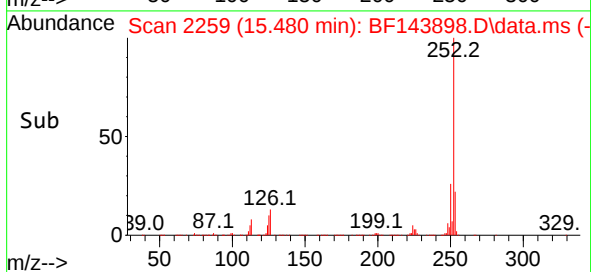
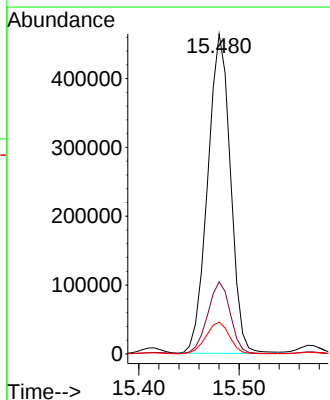
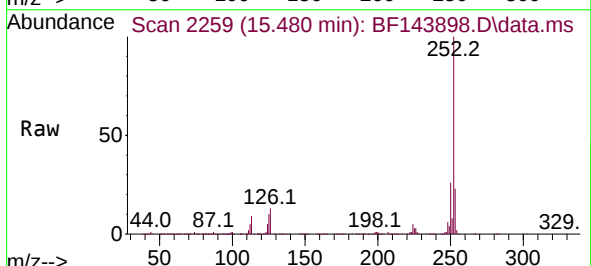
Manual Integrations
APPROVED

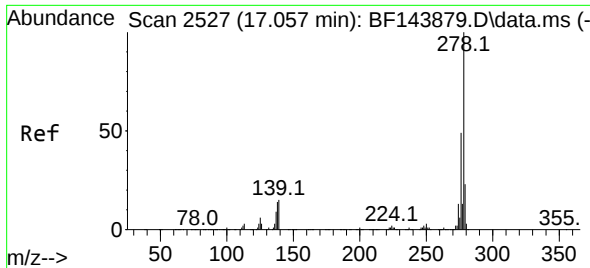
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#90
Benzo(a)pyrene
Concen: 52.105 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

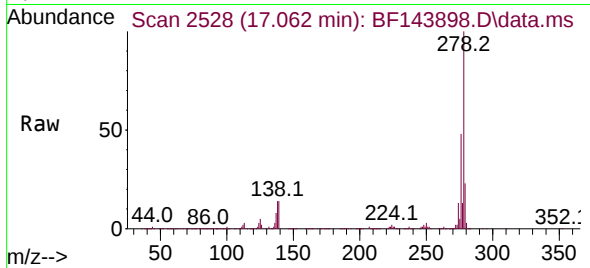
Tgt Ion:252 Resp: 732413
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 9.9 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 50.198 ng
RT: 17.062 min Scan# 2527
Delta R.T. -0.018 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

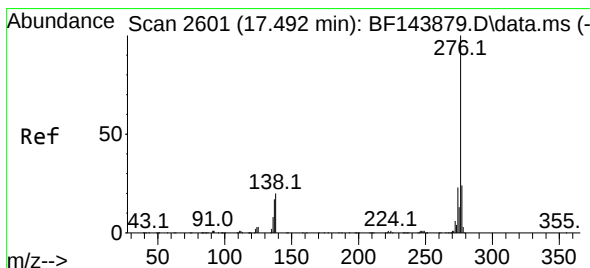
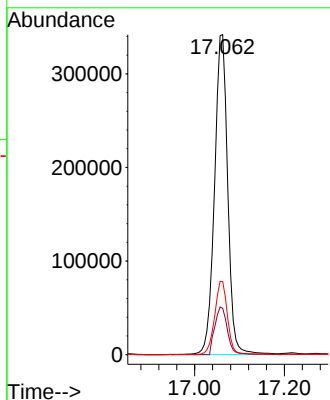
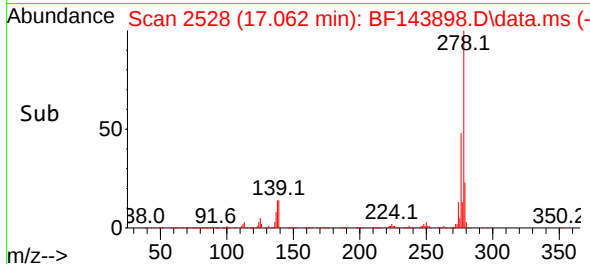
Instrument :
BNA_F
ClientSampleId :
HL-WESTMSD



Tgt Ion:278 Resp: 698127
Ion Ratio Lower Upper
278 100
139 14.5 11.7 17.5
279 22.8 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: 49.240 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF143898.D
Acq: 08 Oct 2025 16:38

Tgt Ion:276 Resp: 684818
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 20.9 16.1 24.1

