

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143726.D
 Acq On : 12 Sep 2025 11:42
 Operator : RC/JU
 Sample : PB169661BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169661BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025

Quant Time: Sep 12 12:03:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	35028	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	132353	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	72610	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	108626	20.000	ng	0.01
76) Chrysene-d12	14.063	240	67628	20.000	ng	0.02
86) Perylene-d12	15.545	264	78937	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	252024	122.756	ng	0.02
7) Phenol-d6	6.516	99	302897	121.169	ng	0.01
23) Nitrobenzene-d5	7.457	82	184367	86.645	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	92051	125.796	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	410692	85.442	ng	0.00
79) Terphenyl-d14	13.004	244	351324	84.185	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	34880	38.087	ng	95
3) Pyridine	3.516	79	89516	37.839	ng	95
4) n-Nitrosodimethylamine	3.469	42	39551	44.012	ng	99
6) Aniline	6.557	93	114979	34.728	ng	97
8) 2-Chlorophenol	6.681	128	99127	44.705	ng	94
9) Benzaldehyde	6.445	77	40049	19.857	ng	98
10) Phenol	6.534	94	123794	44.800	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	89827	43.525	ng	98
12) 1,3-Dichlorobenzene	6.834	146	111866	44.112	ng	98
13) 1,4-Dichlorobenzene	6.910	146	115061	44.952	ng	99
14) 1,2-Dichlorobenzene	7.063	146	110252	45.613	ng	99
15) Benzyl Alcohol	7.034	79	80834	44.454	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	109211	40.448	ng	96
17) 2-Methylphenol	7.140	107	79290	44.452	ng	99
18) Hexachloroethane	7.410	117	36092	43.650	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	67227	43.788	ng	96
20) 3+4-Methylphenols	7.292	107	102764	43.750	ng	94
22) Acetophenone	7.304	105	138061	46.187	ng	98
24) Nitrobenzene	7.475	77	95840	43.439	ng	97
25) Isophorone	7.716	82	179416	43.972	ng	99
26) 2-Nitrophenol	7.792	139	52390	48.295	ng	94
27) 2,4-Dimethylphenol	7.822	122	91079	46.769	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	110745	44.166	ng	99
29) 2,4-Dichlorophenol	8.028	162	85946	43.873	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	95201	46.909	ng	100
31) Naphthalene	8.198	128	290082	44.274	ng	99
32) Benzoic acid	7.934	122	60184	50.655	ng	99
33) 4-Chloroaniline	8.239	127	58213	25.522	ng	99
34) Hexachlorobutadiene	8.316	225	57333	43.311	ng	98
35) Caprolactam	8.610	113	22813m	43.754	ng	
36) 4-Chloro-3-methylphenol	8.722	107	82750	42.841	ng	95
37) 2-Methylnaphthalene	8.892	142	173118	38.599	ng	99
38) 1-Methylnaphthalene	8.986	142	181729	42.221	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	93226	44.848	ng	98
41) Hexachlorocyclopentadiene	9.045	237	131103	122.848	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	62519	45.041	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	66246	46.946	ng	97
46) 1,1'-Biphenyl	9.357	154	241988	46.293	ng	99
47) 2-Chloronaphthalene	9.381	162	182152	44.449	ng	99
48) 2-Nitroaniline	9.469	65	49555	45.694	ng	95
49) Acenaphthylene	9.798	152	292352	49.803	ng	100
50) Dimethylphthalate	9.657	163	208083	44.046	ng	99
51) 2,6-Dinitrotoluene	9.716	165	44790	49.587	ng	92
52) Acenaphthene	9.969	154	190014	46.974	ng	100
53) 3-Nitroaniline	9.880	138	31295	32.195	ng	98
54) 2,4-Dinitrophenol	9.986	184	48927	99.240	ng	# 49
55) Dibenzofuran	10.139	168	256837	44.156	ng	99
56) 4-Nitrophenol	10.033	139	67608	87.423	ng	97
57) 2,4-Dinitrotoluene	10.116	165	59007	47.999	ng	96
58) Fluorene	10.486	166	199520	43.820	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	53483	46.743	ng	98
60) Diethylphthalate	10.357	149	189860	42.807	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	102471	44.376	ng	98
62) 4-Nitroaniline	10.498	138	39265	42.649	ng	98
63) Azobenzene	10.633	77	170449	43.471	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	29817	53.913	ng	98
66) n-Nitrosodiphenylamine	10.592	169	173695	48.810	ng	98
67) 4-Bromophenyl-phenylether	10.963	248	60427	46.130	ng	95
68) Hexachlorobenzene	11.027	284	64773	46.830	ng	95
69) Atrazine	11.116	200	51467	46.127	ng	98
70) Pentachlorophenol	11.222	266	79604	95.206	ng	98
71) Phenanthrene	11.445	178	272473	45.525	ng	100
72) Anthracene	11.498	178	276146	45.886	ng	100
73) Carbazole	11.651	167	224227	45.495	ng	100
74) Di-n-butylphthalate	11.980	149	264791	44.625	ng	100
75) Fluoranthene	12.633	202	240029	43.686	ng	99
77) Benzidine	12.751	184	63941	28.994	ng	99
78) Pyrene	12.863	202	235380	43.531	ng	99
80) Butylbenzylphthalate	13.480	149	85691	50.580	ng	98
81) Benzo(a)anthracene	14.051	228	203632	46.804	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	49003	36.611	ng	95
83) Chrysene	14.092	228	185654	46.591	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	126481	52.324	ng	98
85) Di-n-octyl phthalate	14.657	149	239312	55.247	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	253596	47.073	ng	99
88) Benzo(b)fluoranthene	15.110	252	211593	45.030	ng	99
89) Benzo(k)fluoranthene	15.139	252	203558	47.999	ng	99
90) Benzo(a)pyrene	15.480	252	204835	49.619	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	211974	47.425	ng	99
92) Benzo(g,h,i)perylene	17.504	276	202222	48.370	ng	98

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

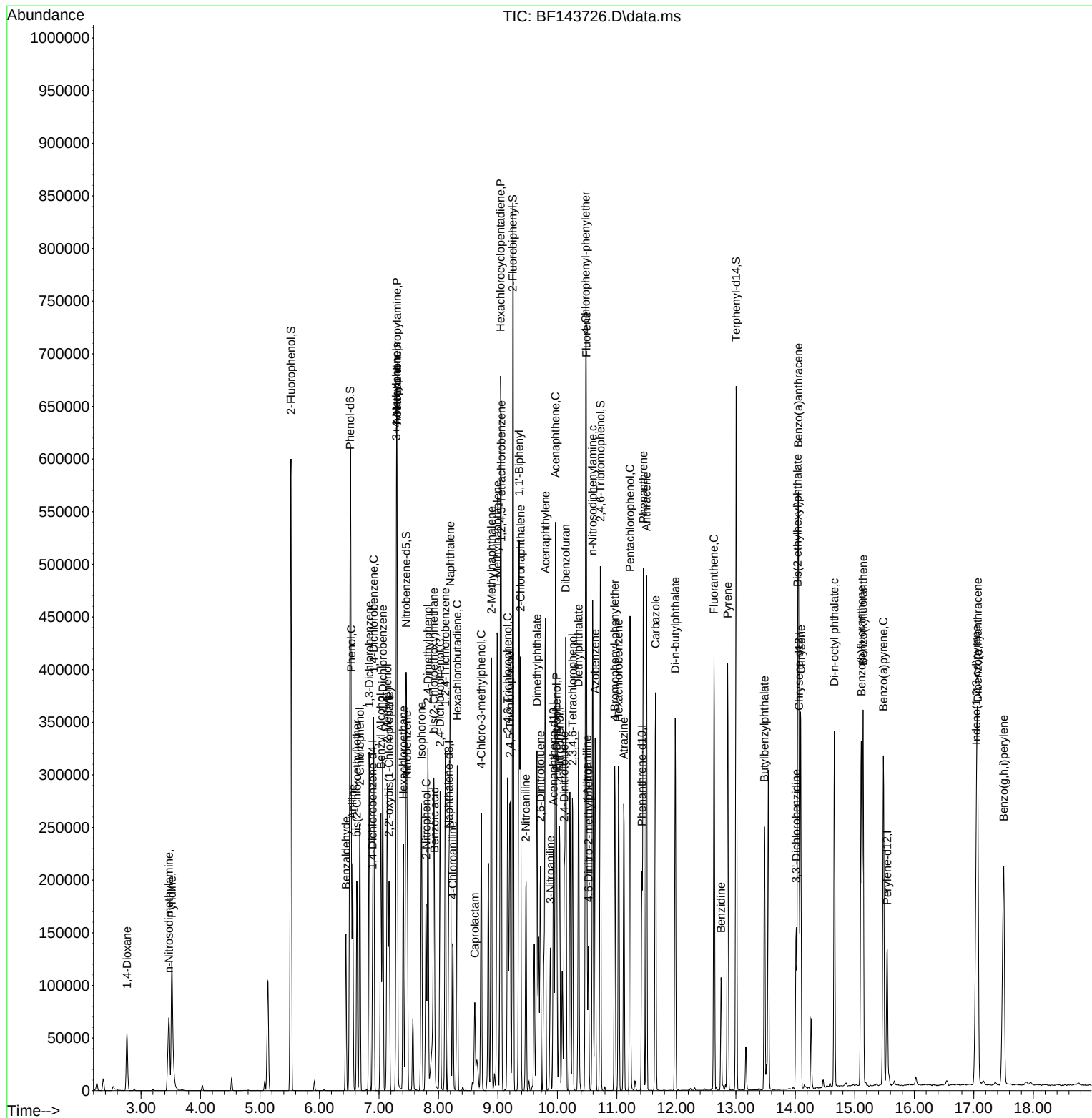
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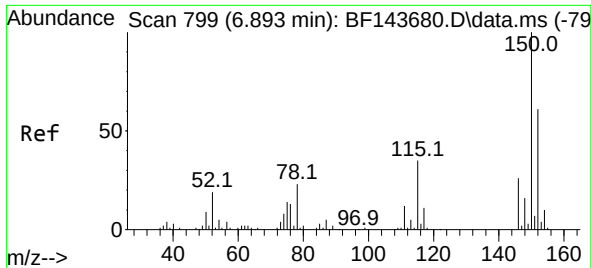
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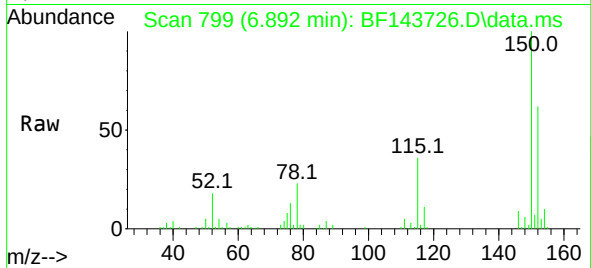
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.001 min
 Lab File: BF143726.D
 Acq: 12 Sep 2025 11:42

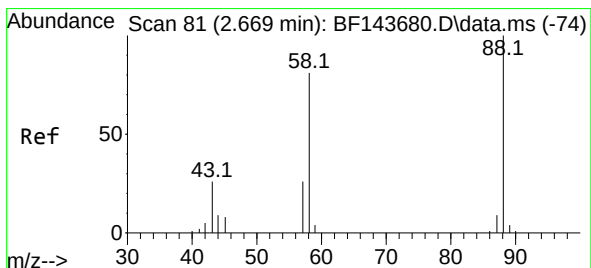
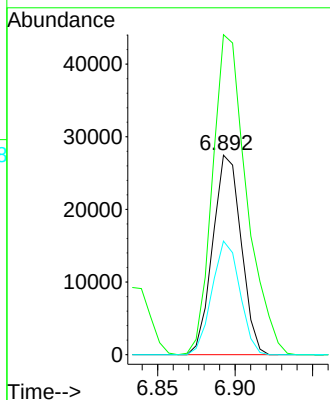
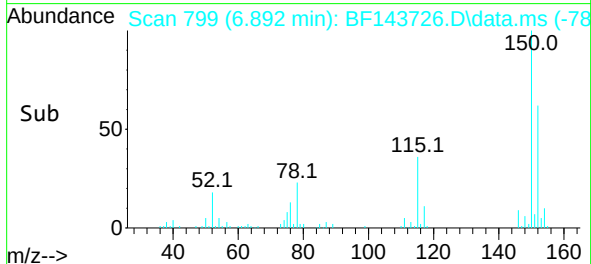
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 ClientSampleId :
 PB169661BS



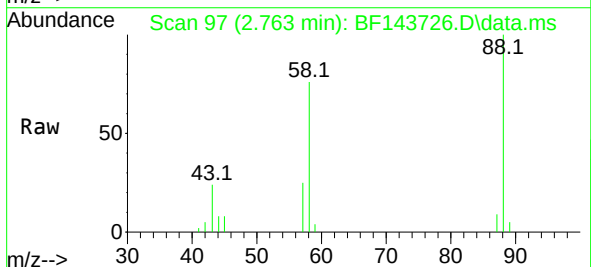
Tgt Ion:152 Resp: 35028
 Ion Ratio Lower Upper
 152 100
 150 160.4 130.7 196.1
 115 57.0 45.9 68.9

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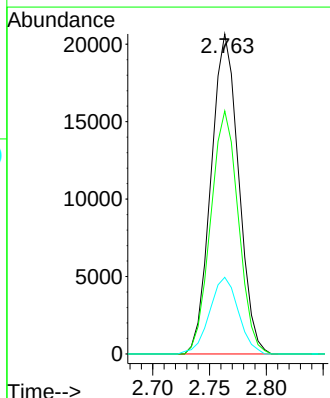
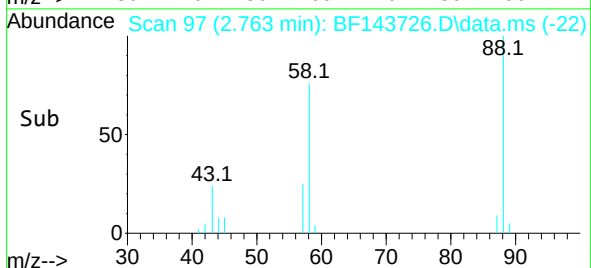
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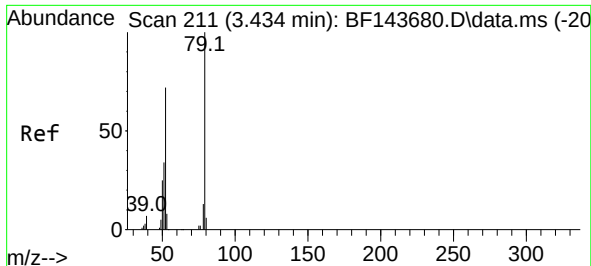


#2
 1,4-Dioxane
 Concen: 38.087 ng
 RT: 2.763 min Scan# 97
 Delta R.T. 0.094 min
 Lab File: BF143726.D
 Acq: 12 Sep 2025 11:42



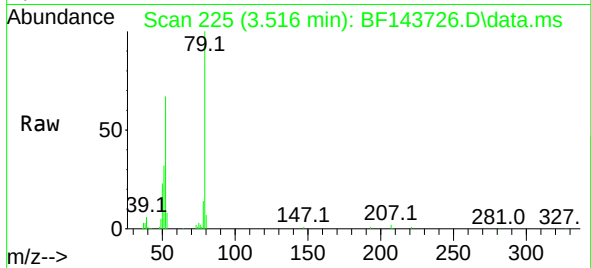
Tgt Ion: 88 Resp: 34880
 Ion Ratio Lower Upper
 88 100
 58 76.3 65.8 98.6
 43 25.0 20.6 31.0





#3
Pyridine
Concen: 37.839 ng
RT: 3.516 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

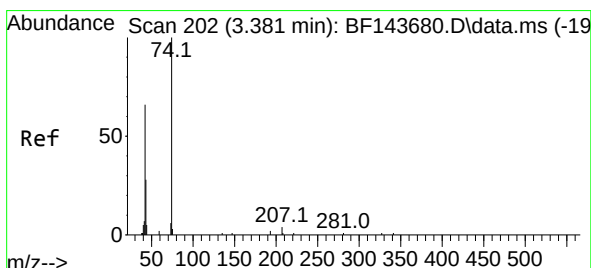
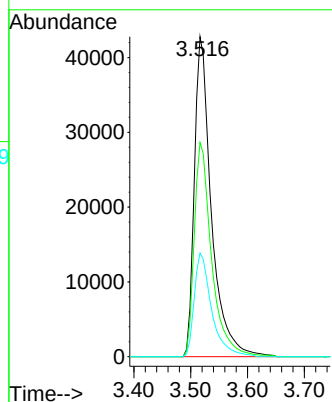
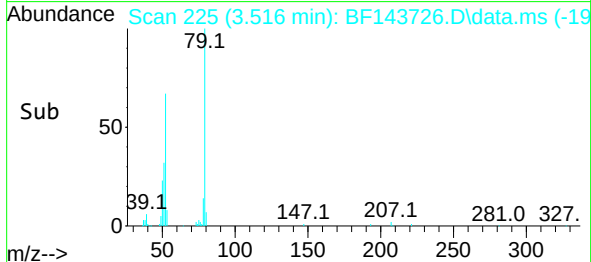
Instrument :
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Tgt Ion: 79 Resp: 89510
Ion Ratio Lower Upper
79 100
52 66.9 57.2 85.8
51 32.4 27.0 40.6

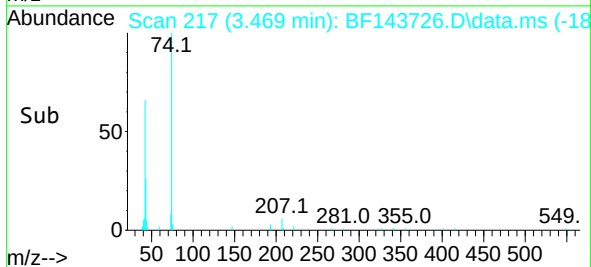
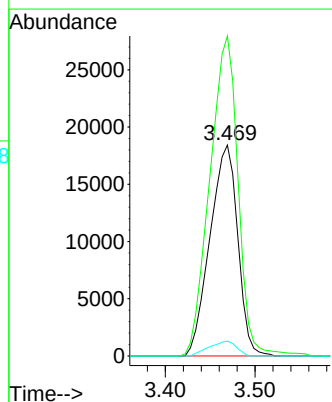
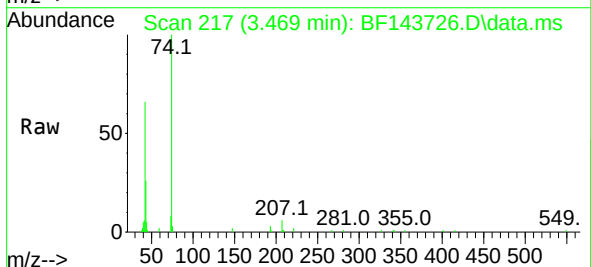
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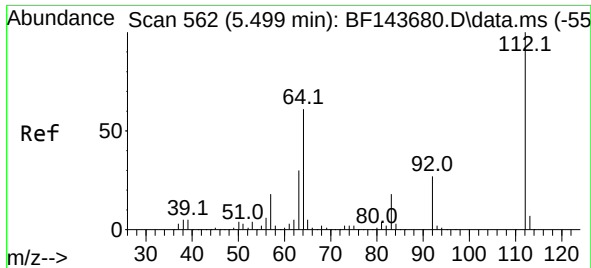
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Supervised By :Jagrut Upadhyay 09/15/2025



#4
n-Nitrosodimethylamine
Concen: 44.012 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion: 42 Resp: 39551
Ion Ratio Lower Upper
42 100
74 151.7 120.9 181.3
44 7.0 6.5 9.7





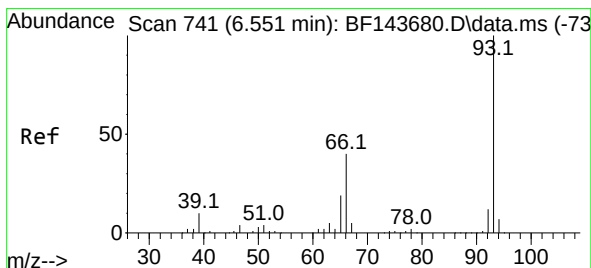
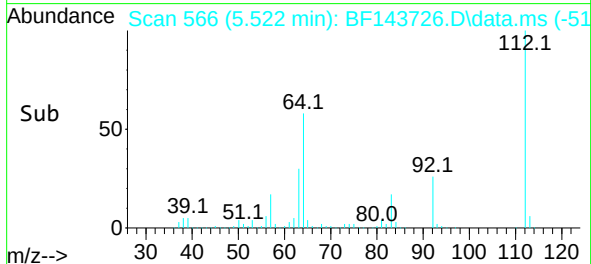
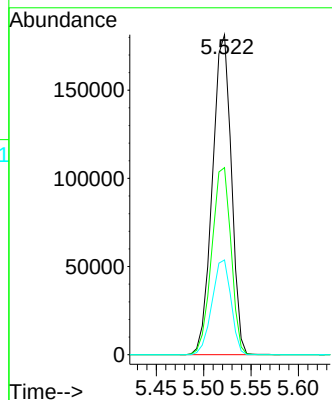
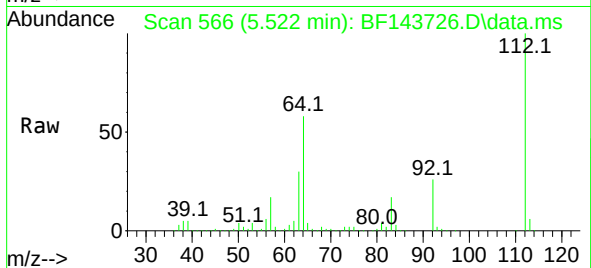
#5
2-Fluorophenol
Concen: 122.756 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB169661BS

Tgt Ion:112 Resp: 252024
Ion Ratio Lower Upper
112 100
64 58.4 49.0 73.4
63 29.6 24.3 36.5

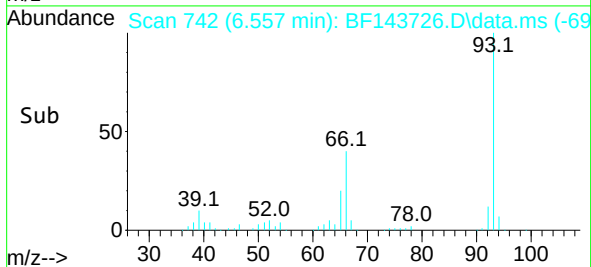
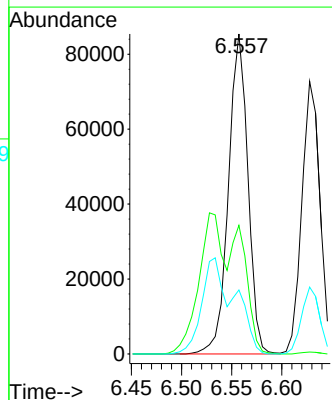
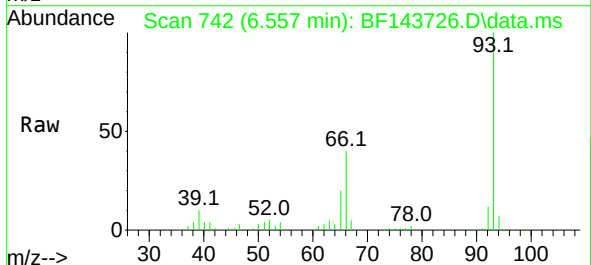
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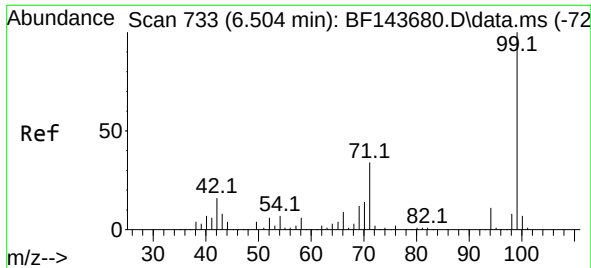
Reviewed By :Rahul Chavli 09/15/2025
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#6
Aniline
Concen: 34.728 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143726.D
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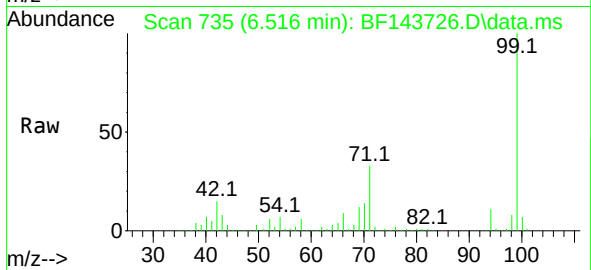
Tgt Ion: 93 Resp: 114979
Ion Ratio Lower Upper
93 100
66 40.2 34.1 51.1
65 20.0 16.1 24.1





#7
Phenol-d6
Concen: 121.169 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

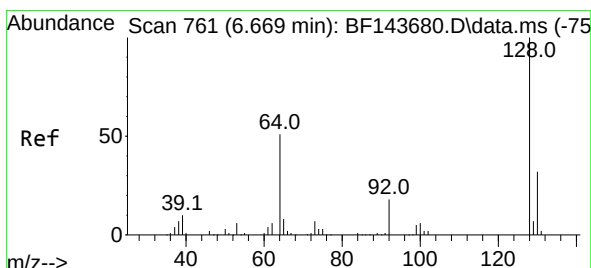
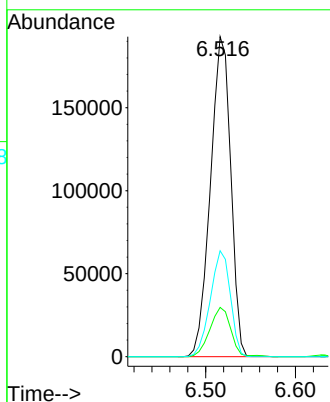
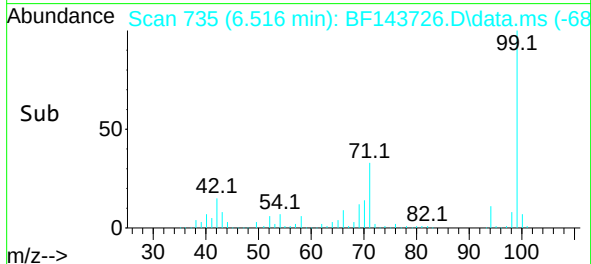
Instrument :
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Tgt Ion: 99 Resp: 30289
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 33.1 27.4 41.2

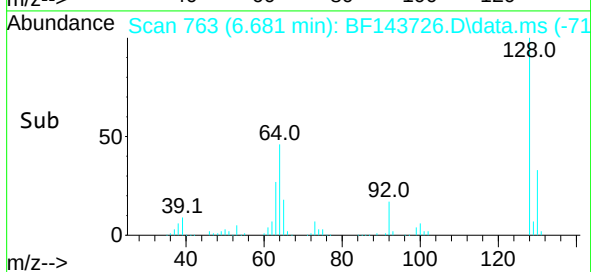
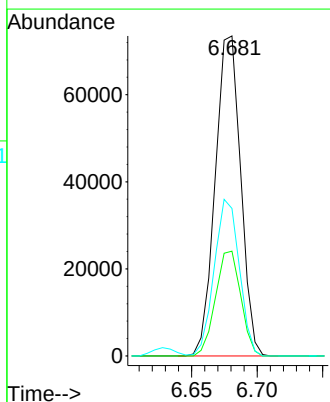
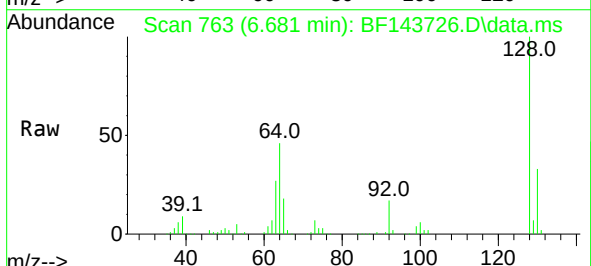
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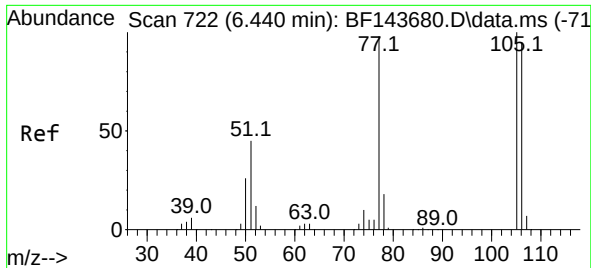
Reviewed By :Rahul Chavli 09/15/2025
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#8
2-Chlorophenol
Concen: 44.705 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:128 Resp: 99127
Ion Ratio Lower Upper
128 100
130 32.7 12.0 52.0
64 46.1 31.9 71.9





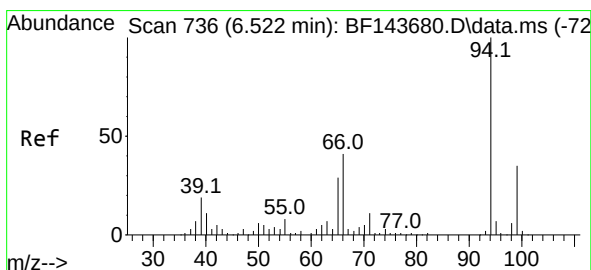
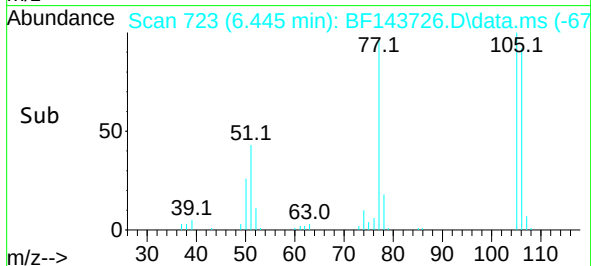
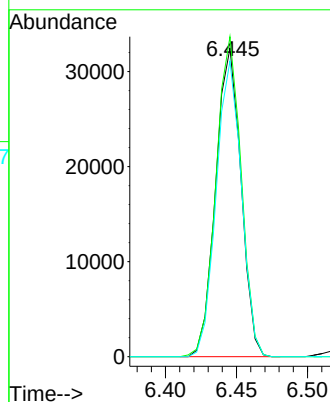
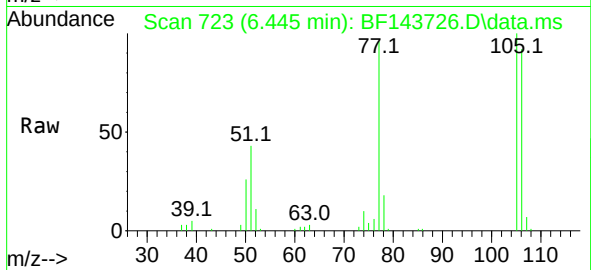
#9
Benzaldehyde
Concen: 19.857 ng
RT: 6.445 min Scan# 71
Delta R.T. 0.006 min
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Instrument :
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Tgt Ion: 77 Resp: 40049
Ion Ratio Lower Upper
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105 103.7 81.7 121.7
106 95.9 76.9 116.9

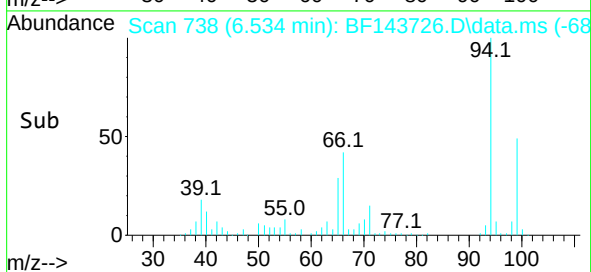
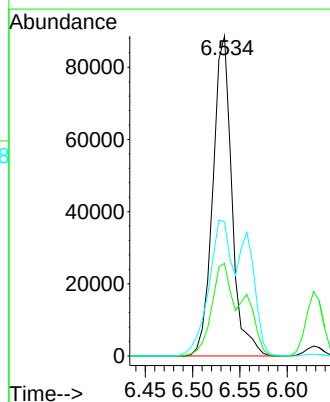
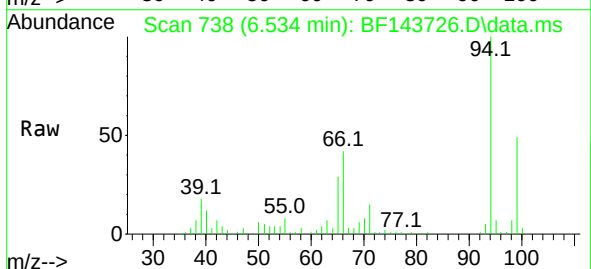
Manual Integrations
APPROVED

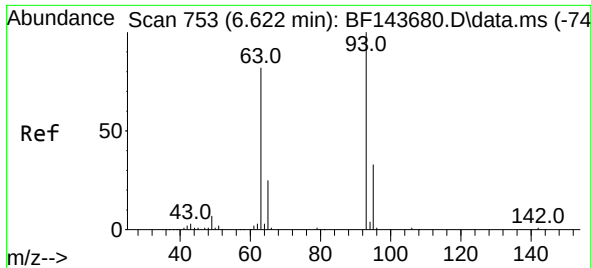
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#10
Phenol
Concen: 44.800 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion: 94 Resp: 123794
Ion Ratio Lower Upper
94 100
65 29.0 9.1 49.1
66 41.9 20.8 60.8





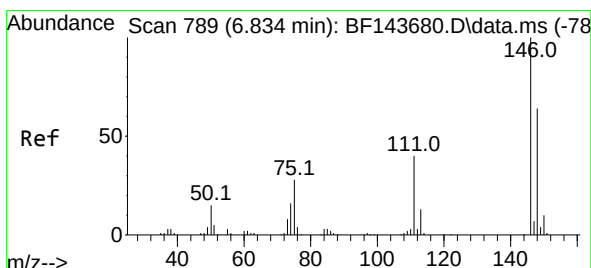
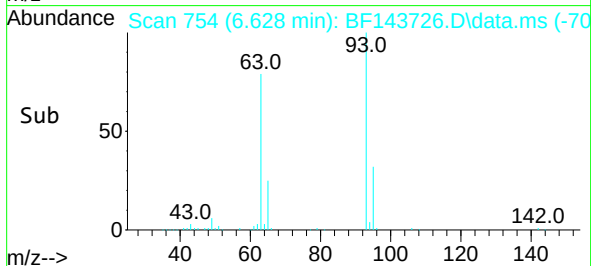
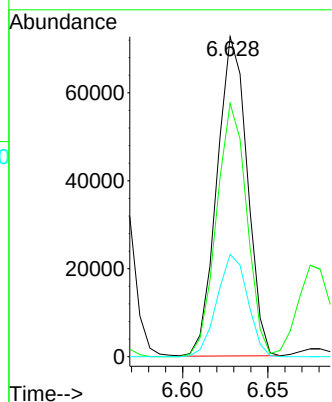
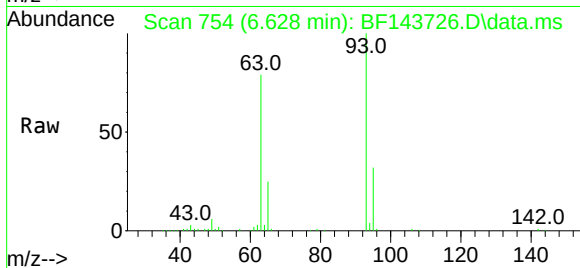
#11
bis(2-Chloroethyl)ether
Concen: 43.525 ng
RT: 6.628 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB169661BS

Tgt Ion: 93 Resp: 8982
Ion Ratio Lower Upper
93 100
63 79.2 61.8 101.8
95 32.0 12.6 52.6

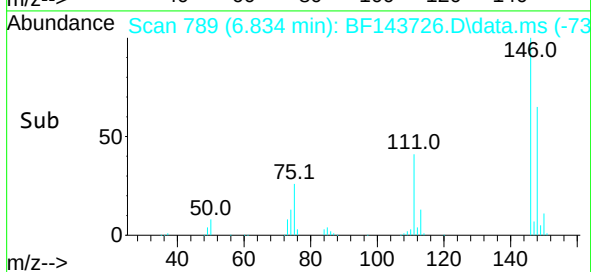
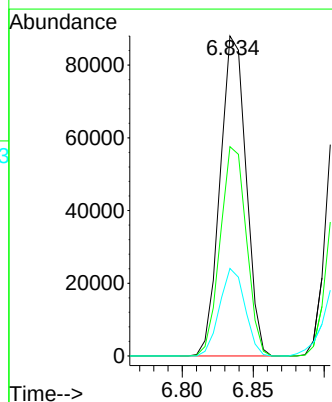
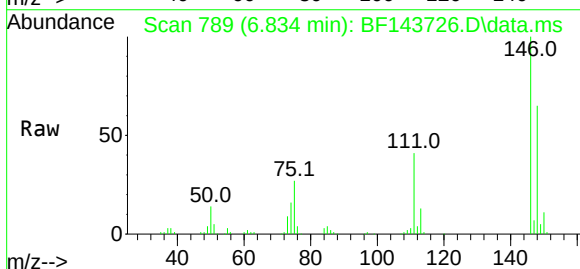
Manual Integrations
APPROVED

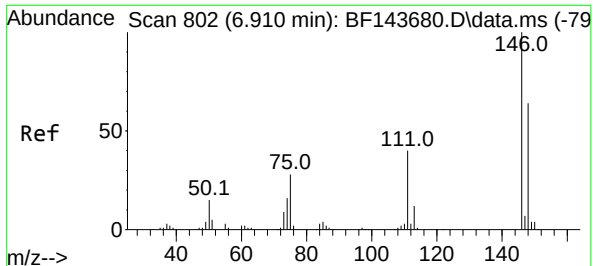
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#12
1,3-Dichlorobenzene
Concen: 44.112 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:146 Resp: 111866
Ion Ratio Lower Upper
146 100
148 65.4 51.0 76.4
75 27.3 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 44.952 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:146 Resp: 11506

Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

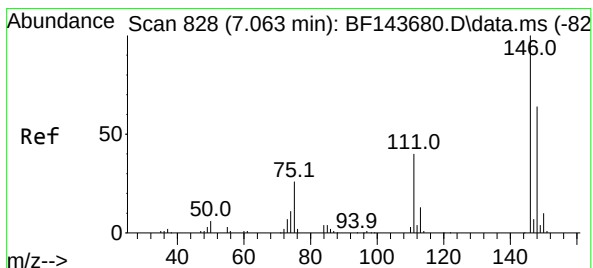
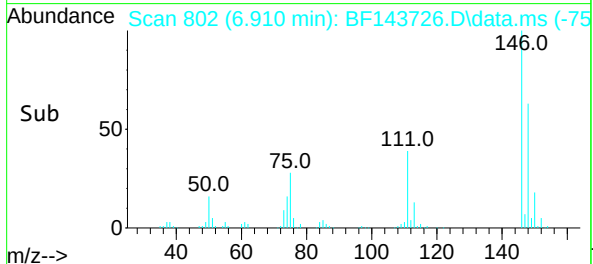
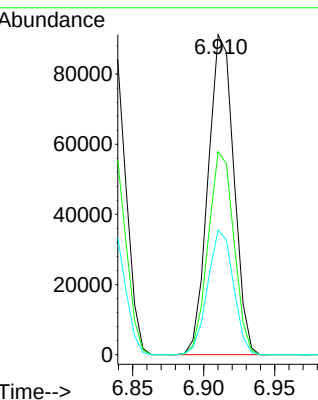
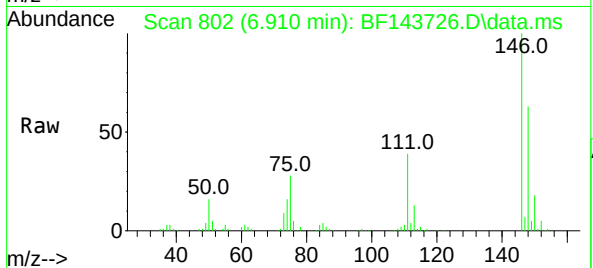
111 38.9 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#14

1,2-Dichlorobenzene

Concen: 45.613 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

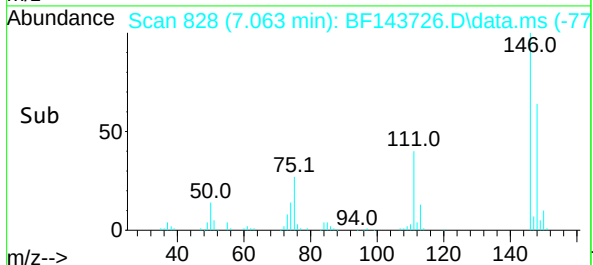
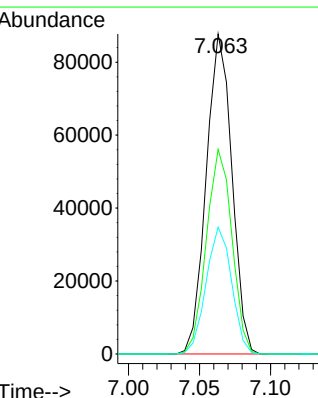
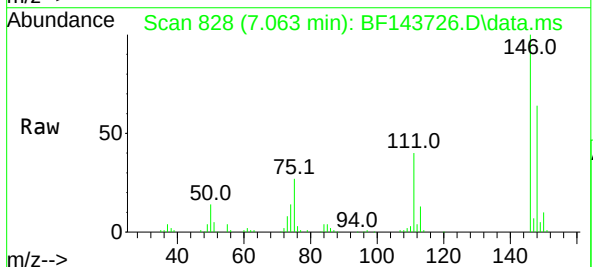
Tgt Ion:146 Resp: 110252

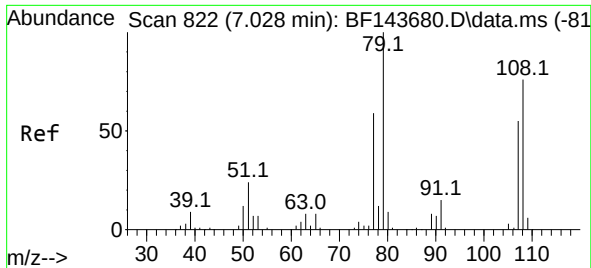
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

111 39.7 32.3 48.5





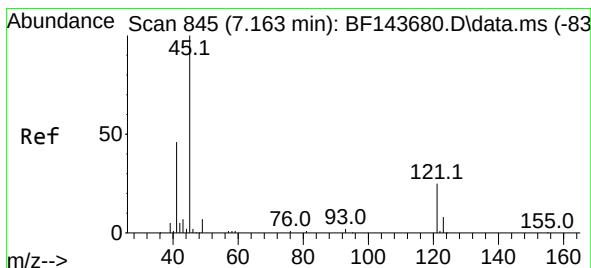
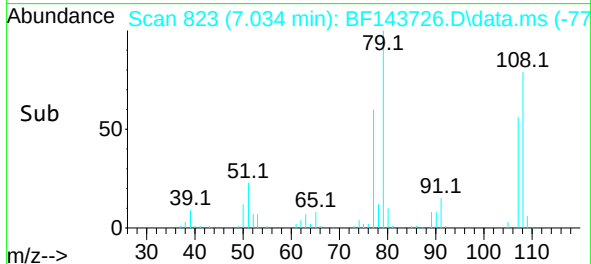
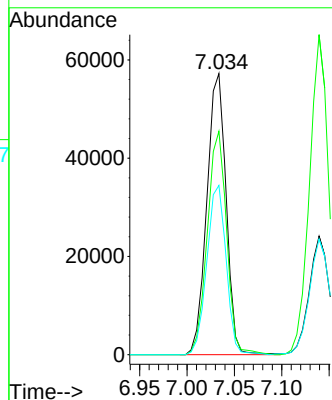
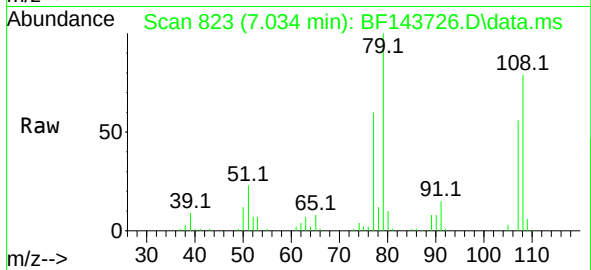
#15
Benzyl Alcohol
Concen: 44.454 ng
RT: 7.034 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB169661BS

Tgt Ion: 79 Resp: 80834
Ion Ratio Lower Upper
79 100
108 79.5 60.9 91.3
77 60.2 47.4 71.2

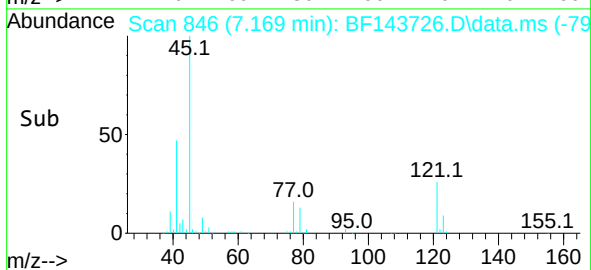
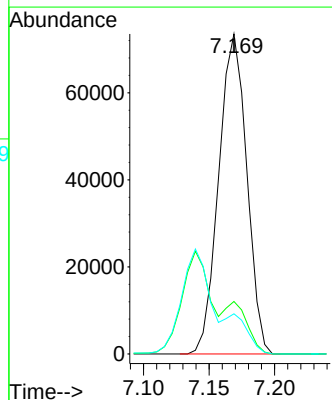
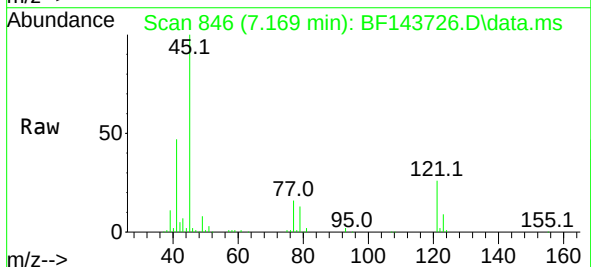
Manual Integrations
APPROVED

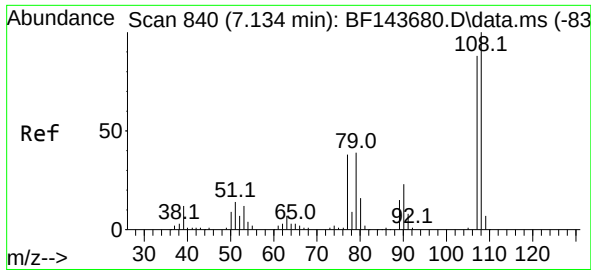
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.448 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

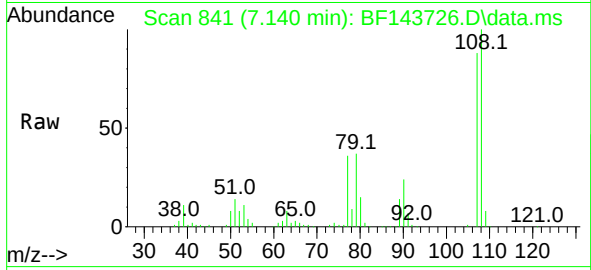
Tgt Ion: 45 Resp: 109211
Ion Ratio Lower Upper
45 100
77 16.4 0.0 34.6
79 12.6 0.0 31.3





#17
2-Methylphenol
Concen: 44.452 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

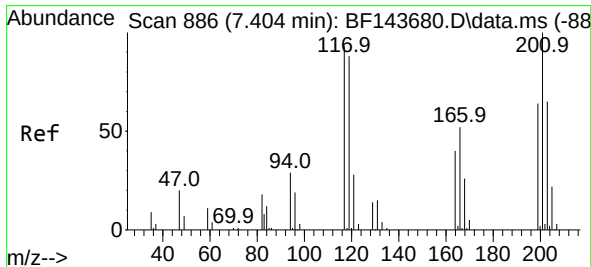
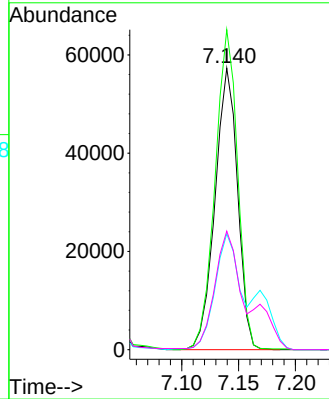
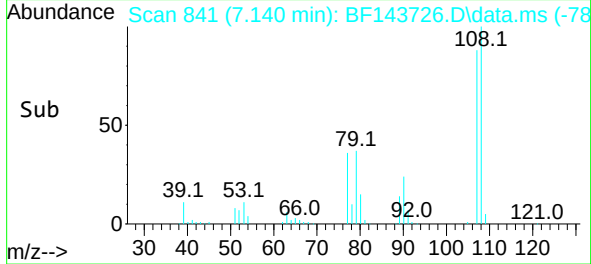
Instrument :
BNA_F
ClientSampleId :
PB169661BS



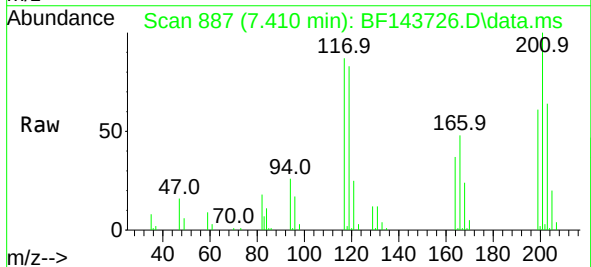
Tgt Ion:107 Resp: 79290
Ion Ratio Lower Upper
107 100
108 113.6 90.9 136.3
77 41.2 34.4 51.6
79 42.1 35.3 52.9

Manual Integrations
APPROVED

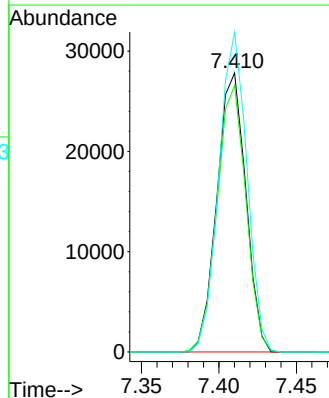
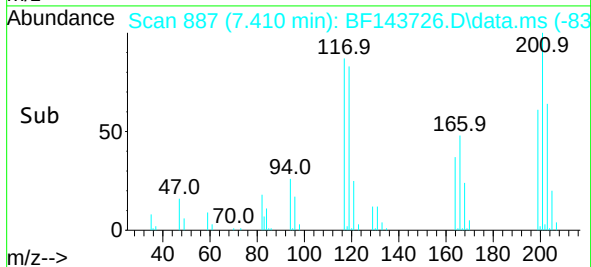
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

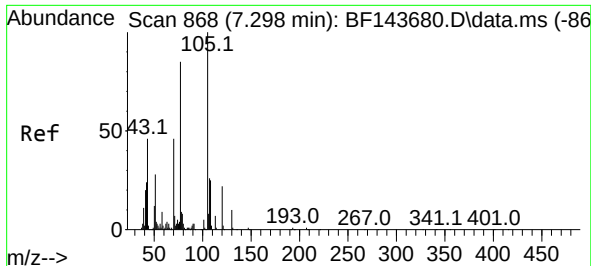


#18
Hexachloroethane
Concen: 43.650 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:117 Resp: 36092
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.2
201 114.7 86.4 129.6





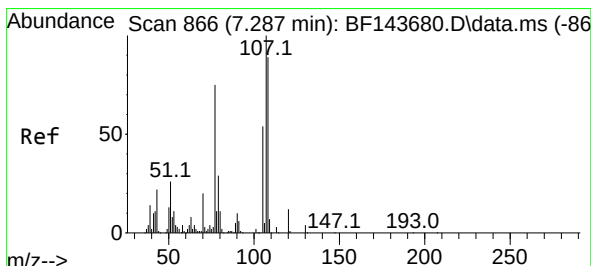
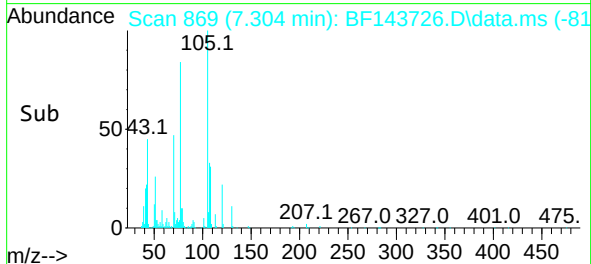
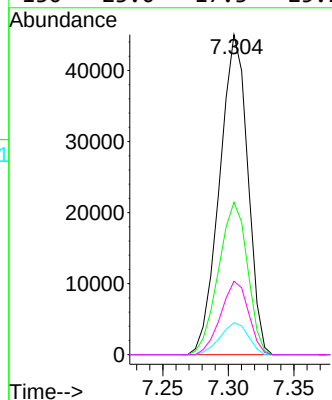
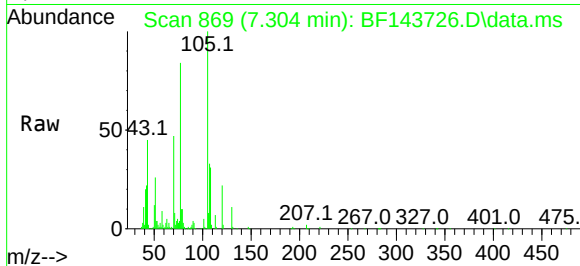
#19
n-Nitroso-di-n-propylamine
Concen: 43.788 ng
RT: 7.304 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB169661BS

Tgt Ion:	70	Resp:	6722
Ion Ratio	Lower	Upper	
70	100		
42	47.7	41.4	62.2
101	10.0	8.1	12.1
130	23.0	17.3	25.9

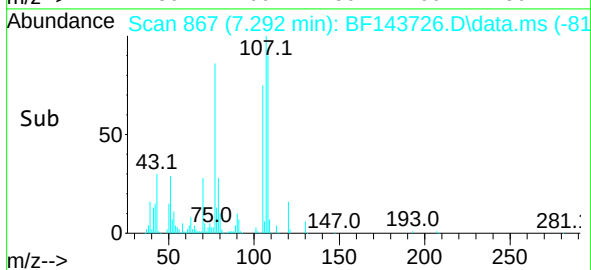
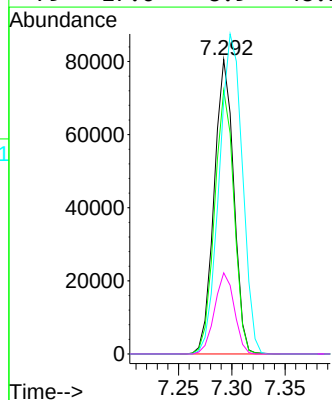
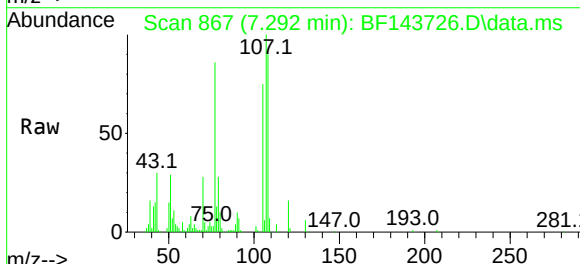
Manual Integrations
APPROVED

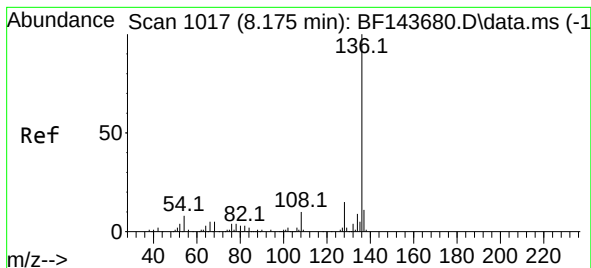
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#20
3+4-Methylphenols
Concen: 43.750 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:	107	Resp:	102764
Ion Ratio	Lower	Upper	
107	100		
108	89.6	68.6	108.6
77	86.1	54.6	94.6
79	27.6	8.9	48.9





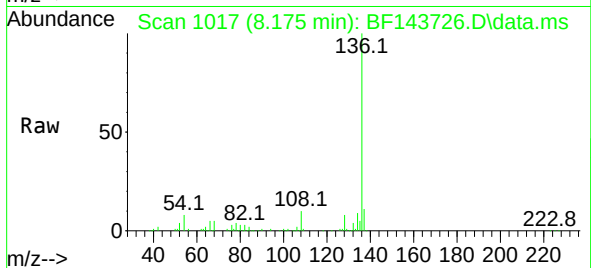
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



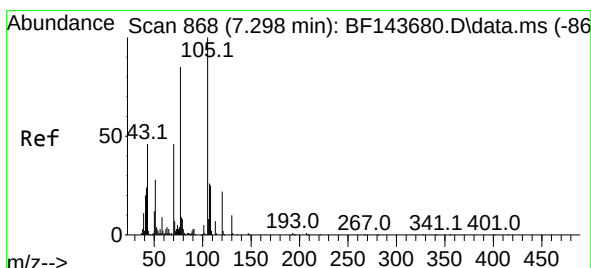
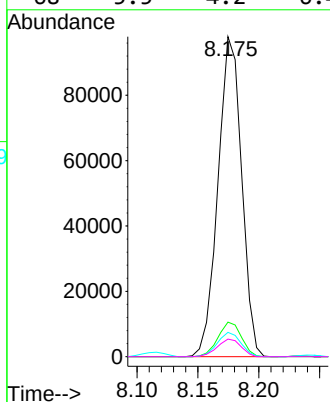
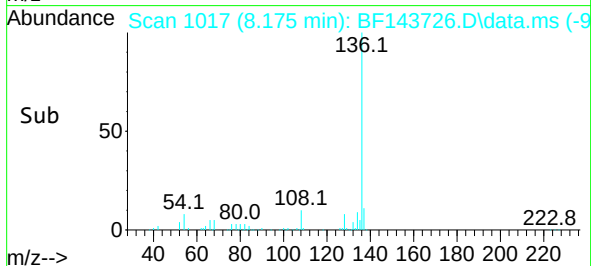
Tgt Ion:136 Resp: 13235
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.6 6.2 9.2
68 5.5 4.2 6.4

Manual Integrations

APPROVED

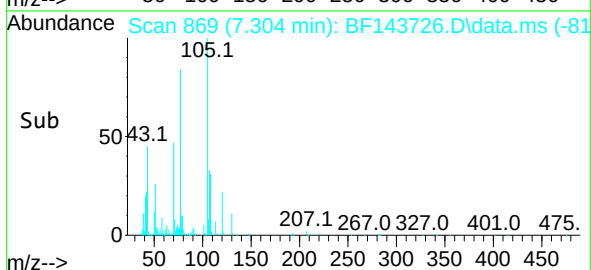
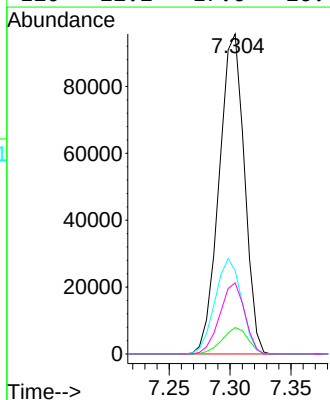
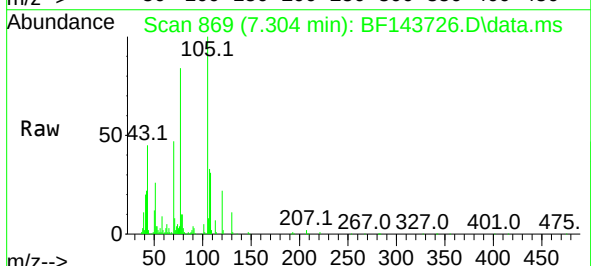
Reviewed By :Rahul Chavli 09/15/2025

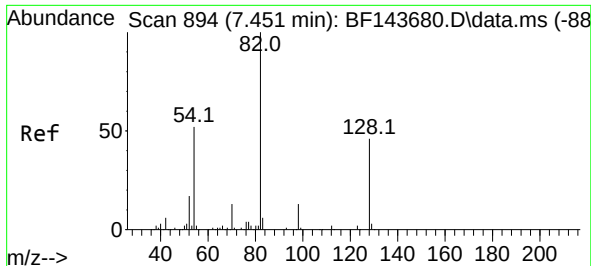
Supervised By :Jagrut Upadhyay 09/15/2025



#22
Acetophenone
Concen: 46.187 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:105 Resp: 138061
Ion Ratio Lower Upper
105 100
71 8.3 5.9 8.9
51 26.1 22.4 33.6
120 22.2 17.6 26.4





#23

Nitrobenzene-d5

Concen: 86.645 ng

RT: 7.457 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion: 82 Resp: 18436

Ion Ratio Lower Upper

82 100

128 47.9 37.0 55.4

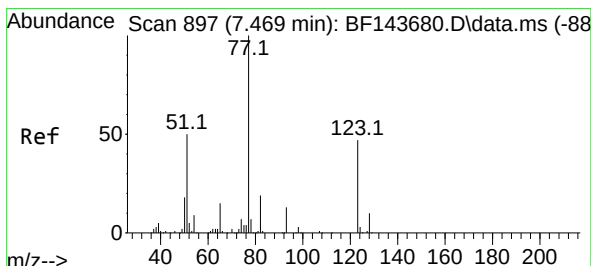
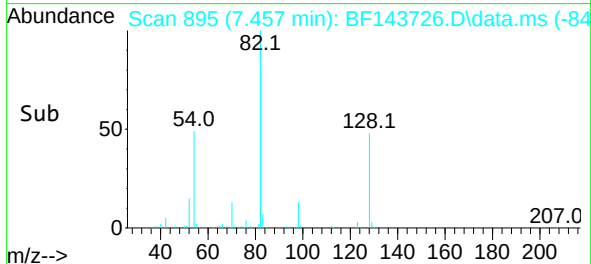
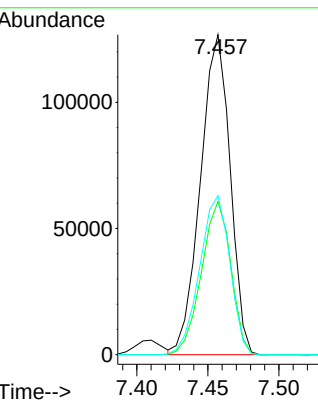
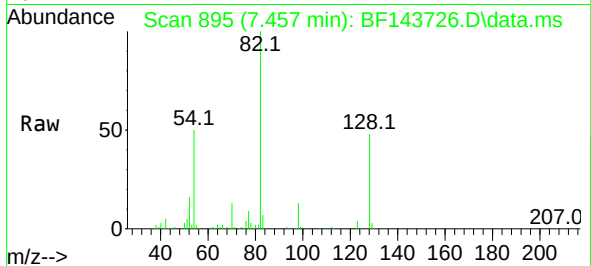
54 49.7 41.8 62.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#24

Nitrobenzene

Concen: 43.439 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

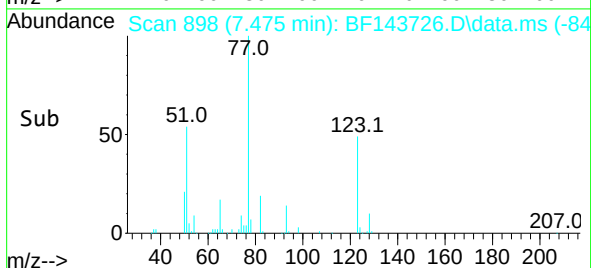
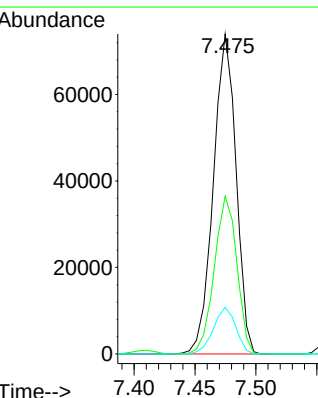
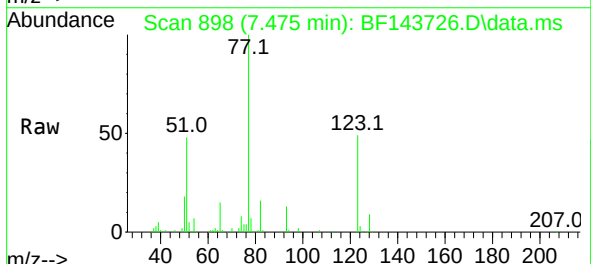
Tgt Ion: 77 Resp: 95840

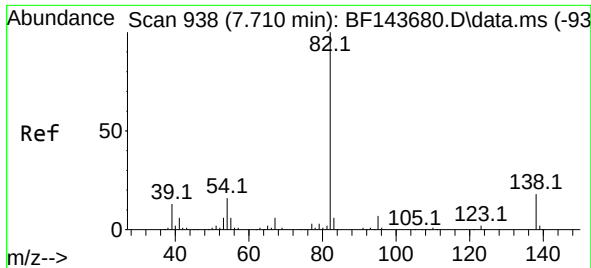
Ion Ratio Lower Upper

77 100

123 49.3 37.4 56.0

65 14.5 11.6 17.4





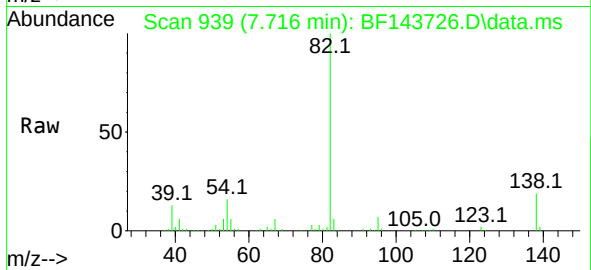
#25
Isophorone
Concen: 43.972 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

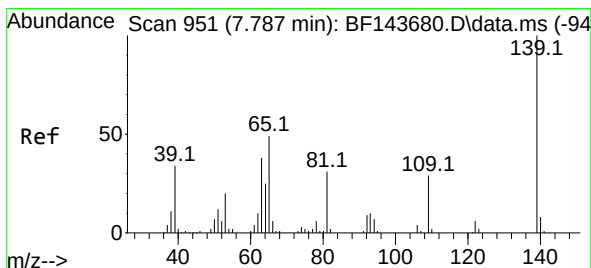
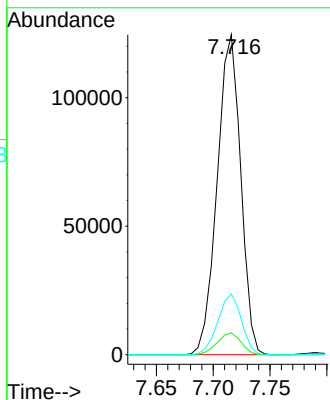
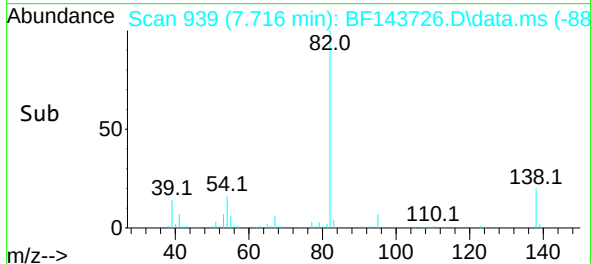


Tgt Ion: 82 Resp: 179410
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 19.0 14.8 22.2

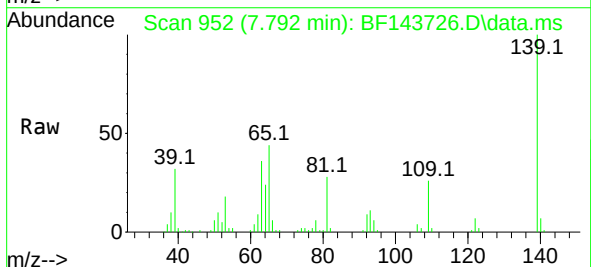
Manual Integrations

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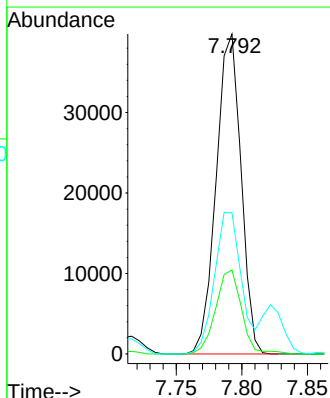
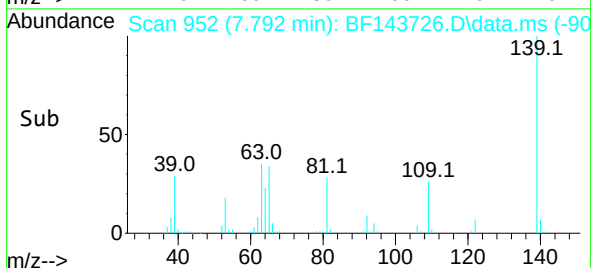
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

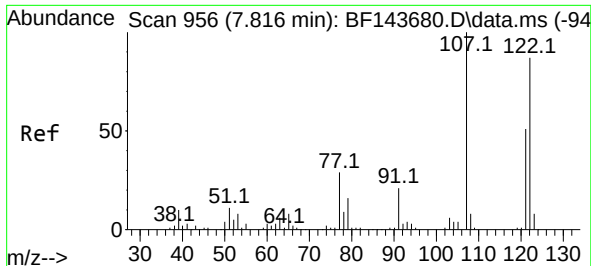


#26
2-Nitrophenol
Concen: 48.295 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:139 Resp: 52390
Ion Ratio Lower Upper
139 100
109 26.2 22.8 34.2
65 44.1 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 46.769 ng

RT: 7.822 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

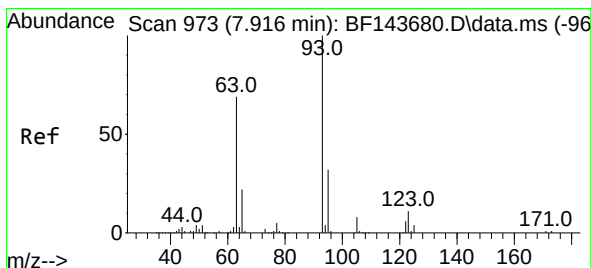
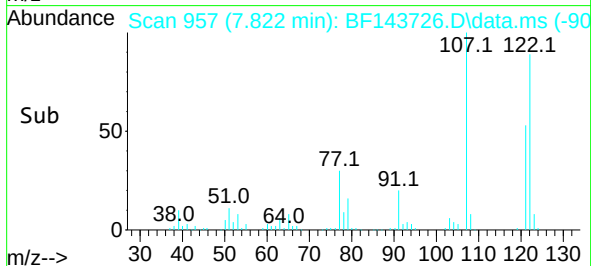
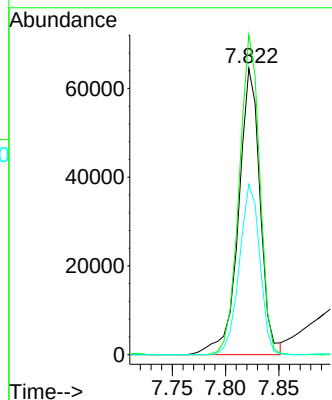
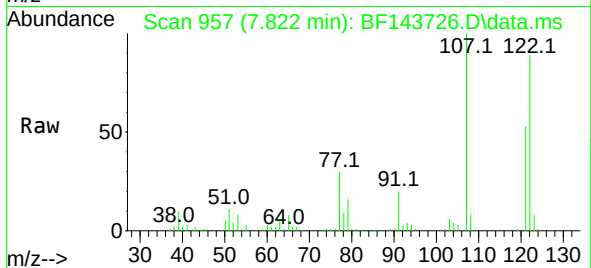
Tgt Ion:122 Resp: 91079
 Ion Ratio Lower Upper
 122 100
 107 111.8 92.1 138.1
 121 59.5 46.9 70.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.166 ng

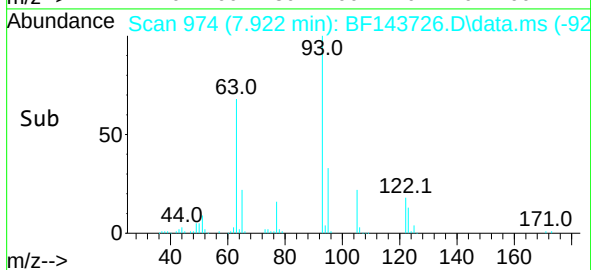
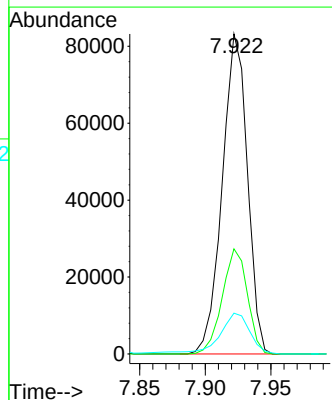
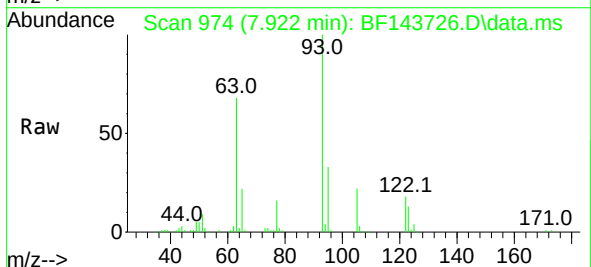
RT: 7.922 min Scan# 974

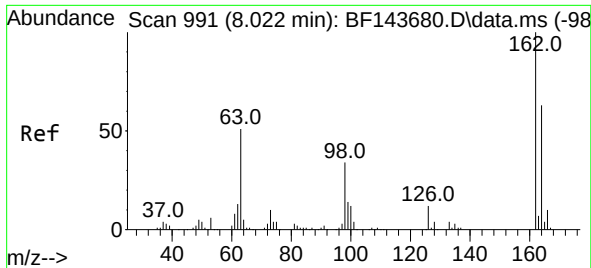
Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Tgt Ion: 93 Resp: 110745
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 12.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 43.873 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

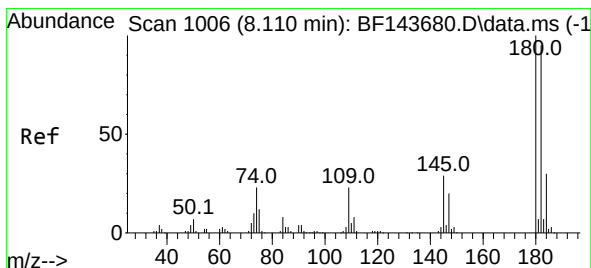
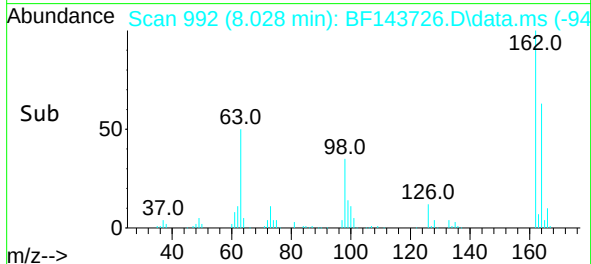
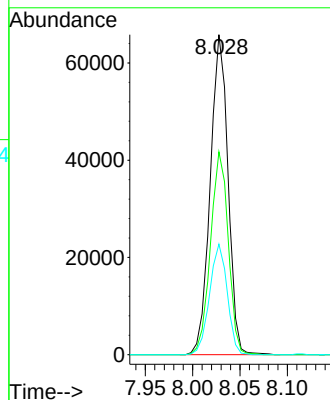
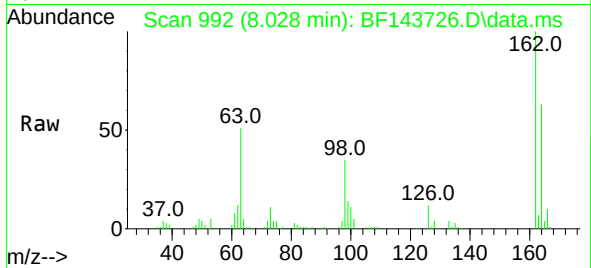
Tgt Ion:162	Resp:	85940
Ion Ratio	Lower	Upper
162	100	
164	63.4	43.0 83.0
98	34.5	13.8 53.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 46.909 ng

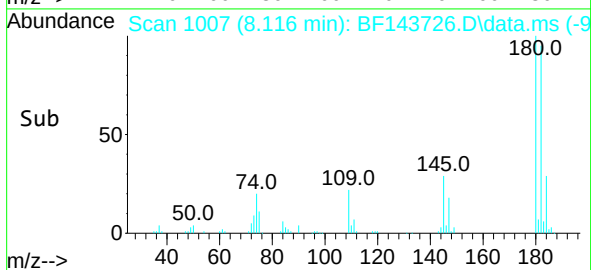
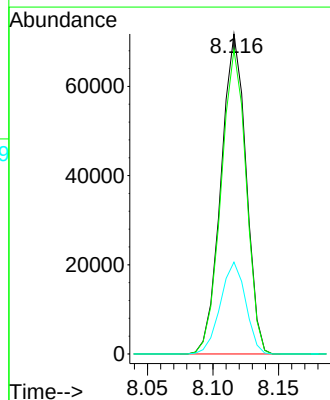
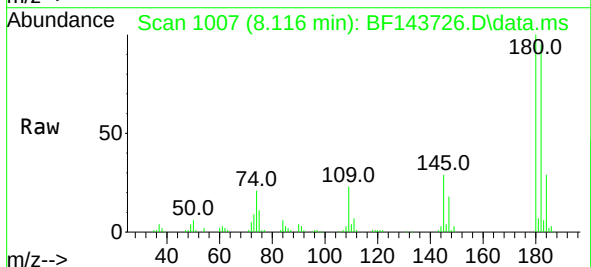
RT: 8.116 min Scan# 1007

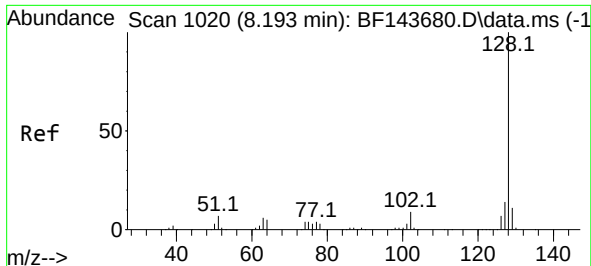
Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

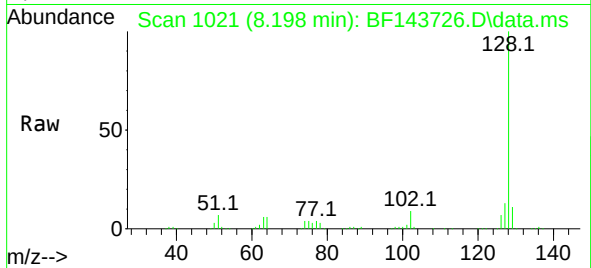
Tgt Ion:180	Resp:	95201
Ion Ratio	Lower	Upper
180	100	
182	95.1	76.2 114.4
145	28.7	23.2 34.8





#31
Naphthalene
Concen: 44.274 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

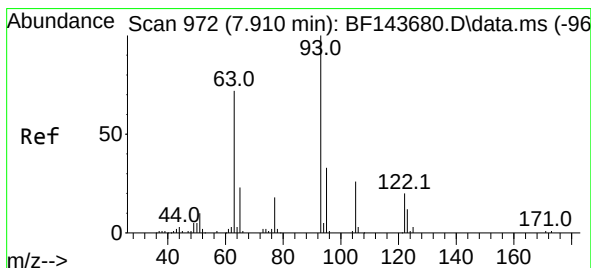
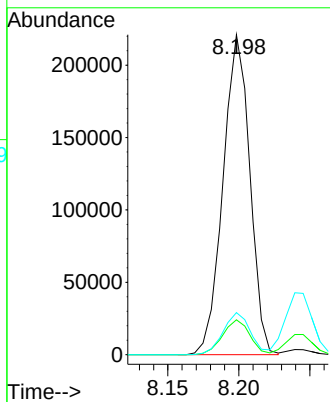
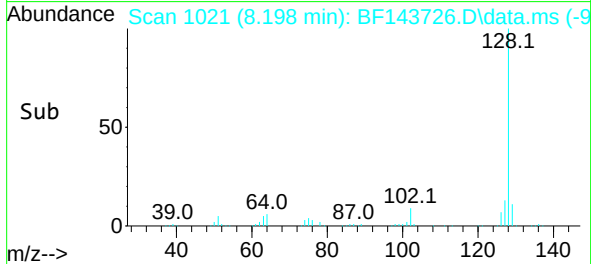
Instrument :
BNA_F
ClientSampleId :
PB169661BS



Tgt Ion:128 Resp: 29008
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.9 16.3

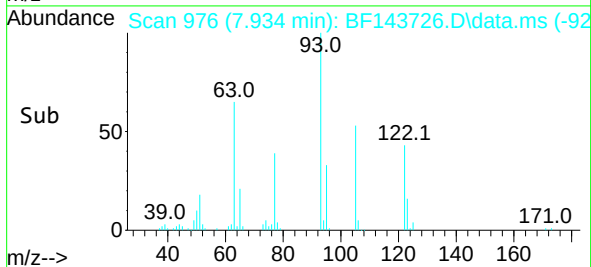
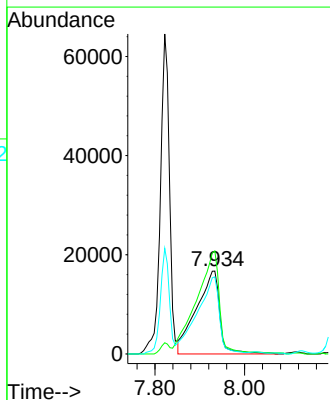
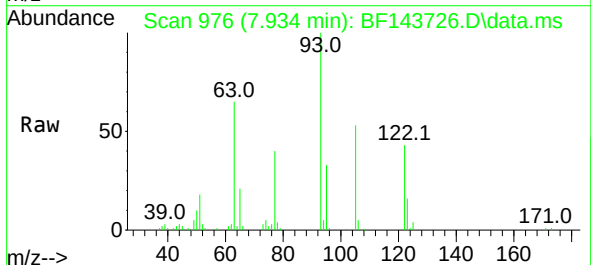
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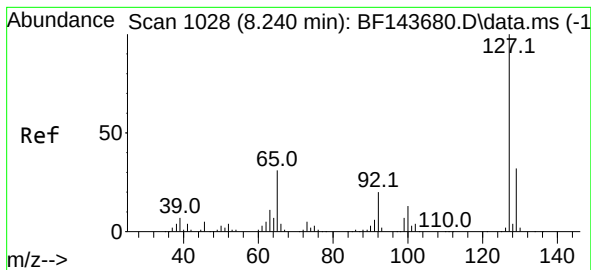
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#32
Benzoic acid
Concen: 50.655 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.023 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:122 Resp: 60184
Ion Ratio Lower Upper
122 100
105 124.3 105.2 145.2
77 93.2 72.0 112.0





#33
4-Chloroaniline
Concen: 25.522 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

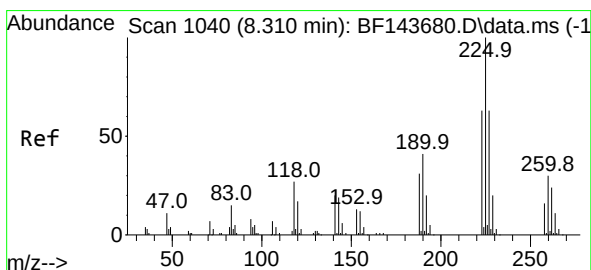
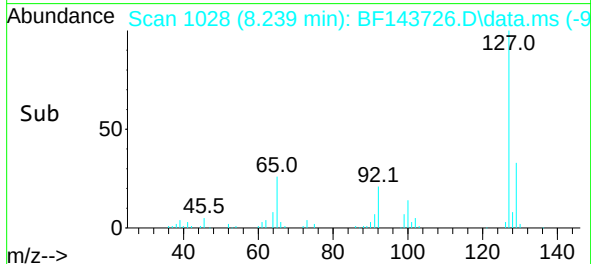
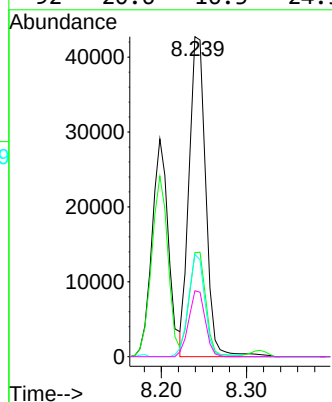
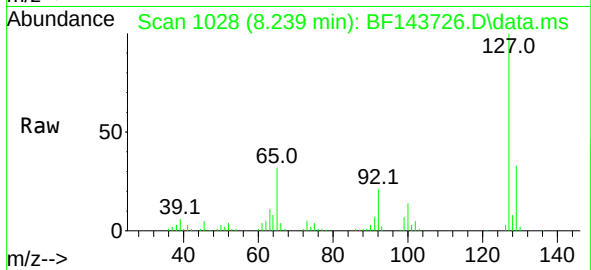
Tgt Ion:127 Resp: 5821
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 32.0 24.6 36.8
92 20.6 16.3 24.5

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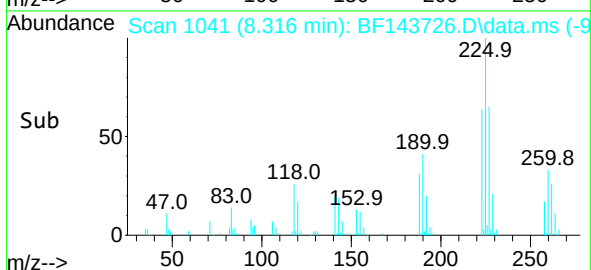
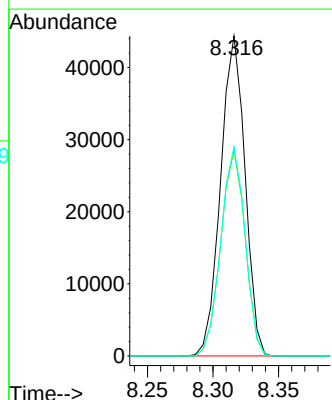
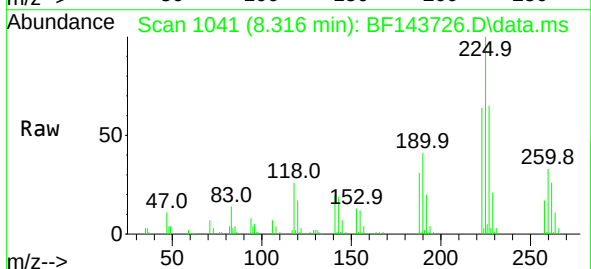
Reviewed By :Rahul Chavli 09/15/2025

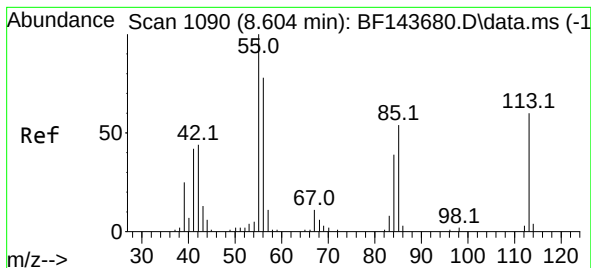
Supervised By :Jagrut Upadhyay 09/15/2025



#34
Hexachlorobutadiene
Concen: 43.311 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:225 Resp: 57333
Ion Ratio Lower Upper
225 100
223 64.3 50.6 76.0
227 65.4 50.8 76.2





#35

Caprolactam

Concen: 43.754 ng m

RT: 8.610 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

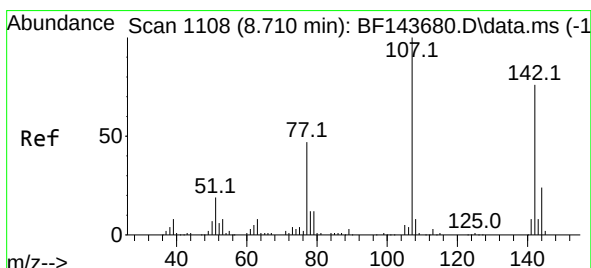
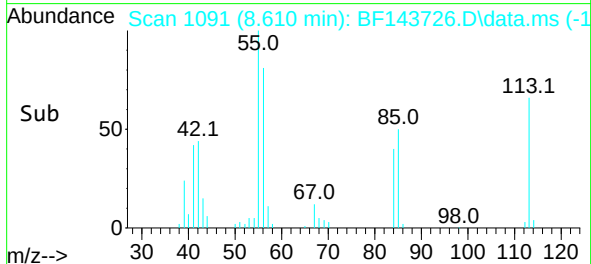
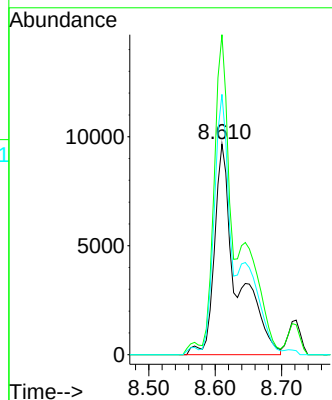
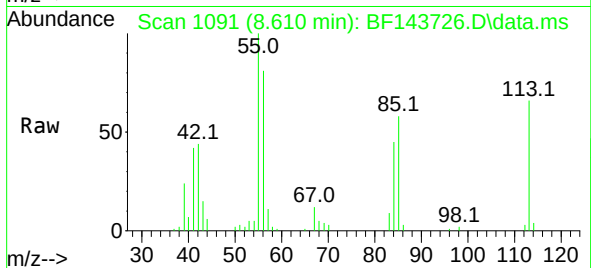
Tgt Ion:113	Resp:	2281
Ion Ratio	Lower	Upper
113	100	
55	152.0	148.9 188.9
56	123.6	112.8 152.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#36

4-Chloro-3-methylphenol

Concen: 42.841 ng

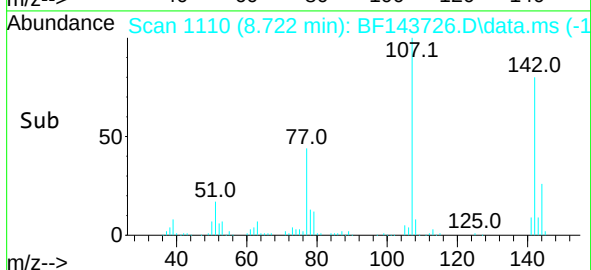
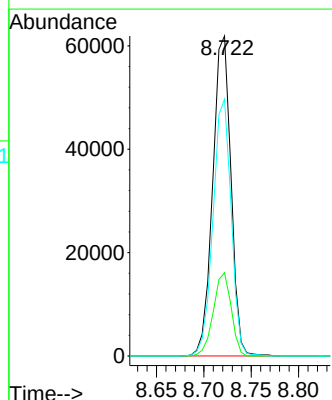
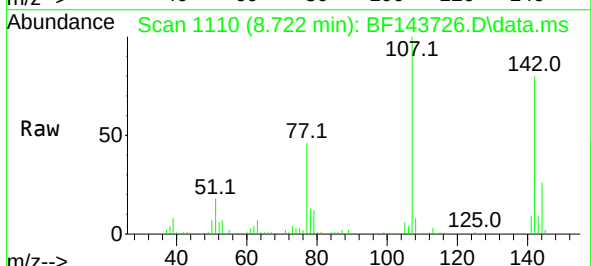
RT: 8.722 min Scan# 1110

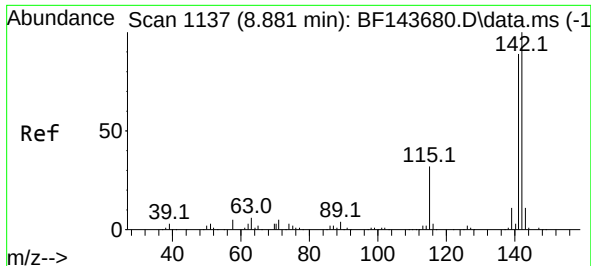
Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Tgt Ion:107	Resp:	82750
Ion Ratio	Lower	Upper
107	100	
144	26.0	19.4 29.2
142	80.3	60.6 91.0





#37

2-Methylnaphthalene

Concen: 38.599 ng

RT: 8.892 min Scan# 1139

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:142 Resp: 173118

Ion Ratio Lower Upper

142 100

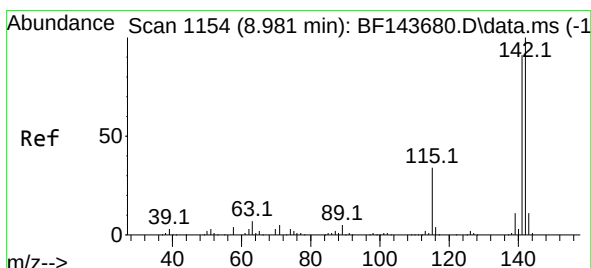
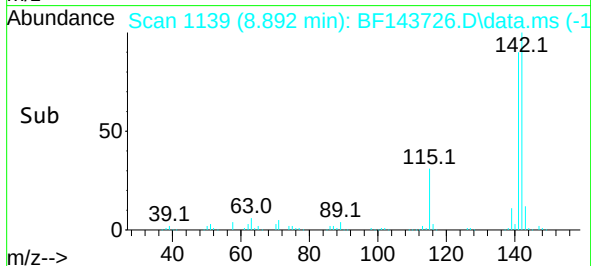
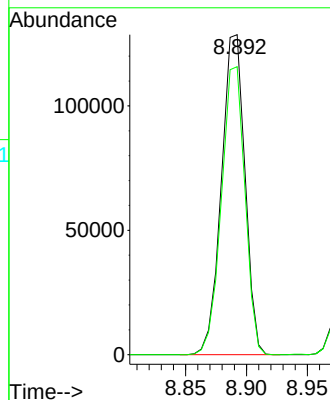
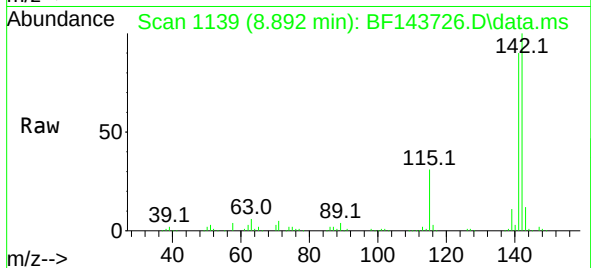
141 90.0 71.1 106.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#38

1-Methylnaphthalene

Concen: 42.221 ng

RT: 8.986 min Scan# 1155

Delta R.T. 0.006 min

Lab File: BF143726.D

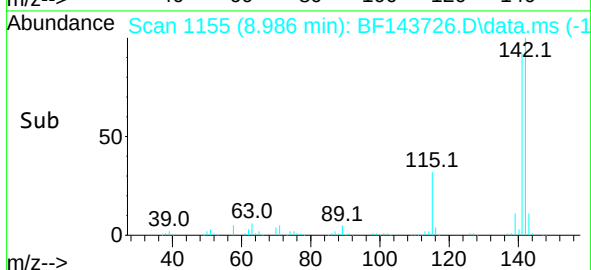
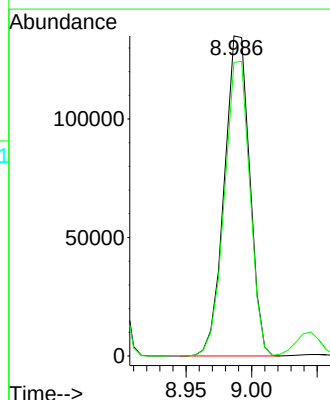
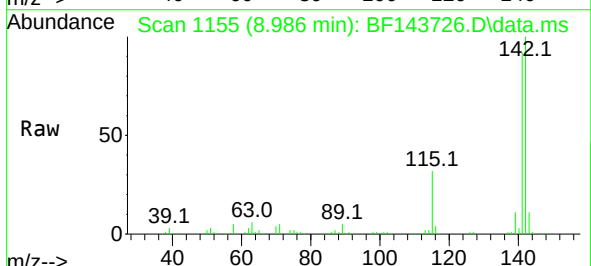
Acq: 12 Sep 2025 11:42

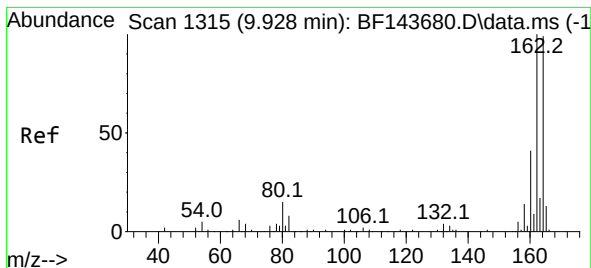
Tgt Ion:142 Resp: 181729

Ion Ratio Lower Upper

142 100

141 91.7 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BF143726.D

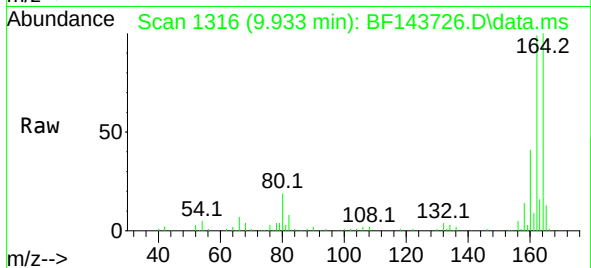
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



Tgt Ion:164 Resp: 72610

Ion Ratio Lower Upper

164 100

162 98.9 80.6 121.0

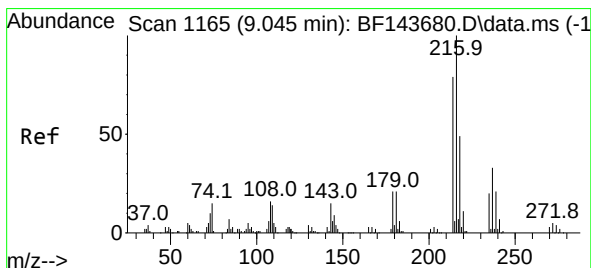
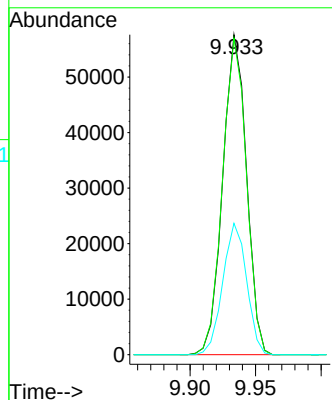
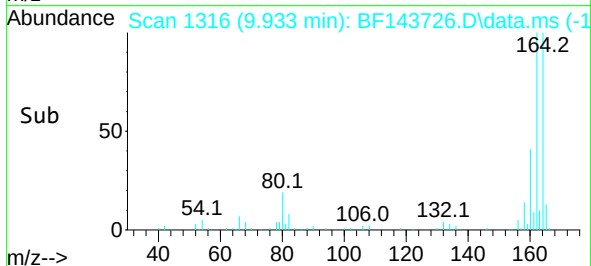
160 41.1 33.0 49.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.848 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Tgt Ion:216 Resp: 93226

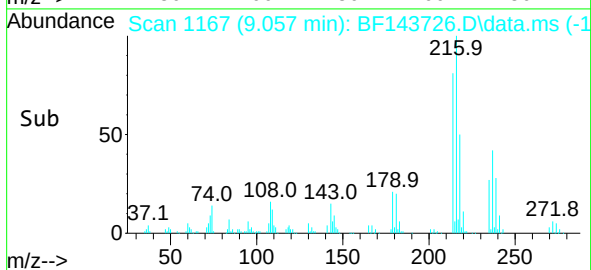
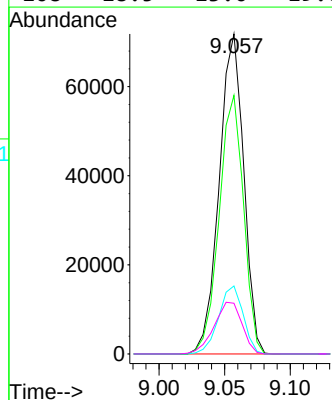
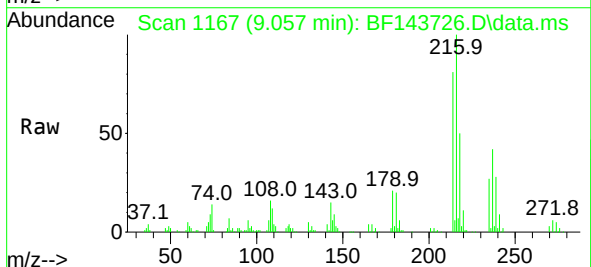
Ion Ratio Lower Upper

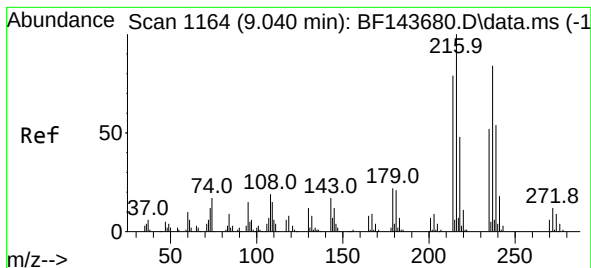
216 100

214 80.3 63.2 94.8

179 21.3 16.8 25.2

108 18.5 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 122.848 ng

RT: 9.045 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:237 Resp: 13110

Ion Ratio Lower Upper

237 100

235 62.9 41.6 81.6

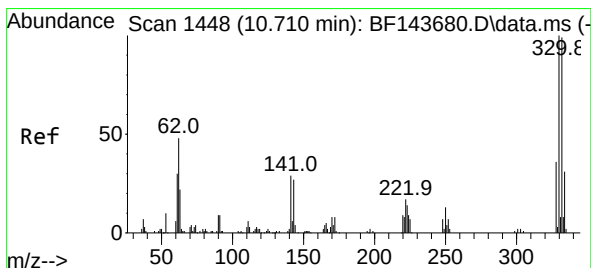
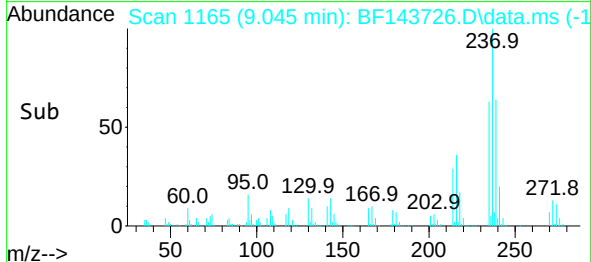
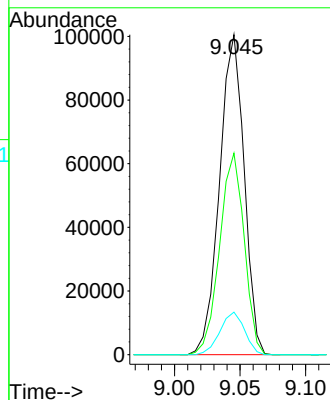
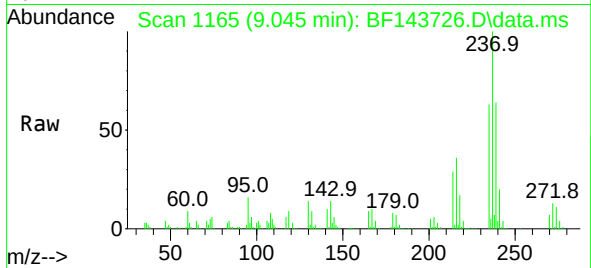
272 13.3 0.0 33.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#42

2,4,6-Tribromophenol

Concen: 125.796 ng

RT: 10.722 min Scan# 1450

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

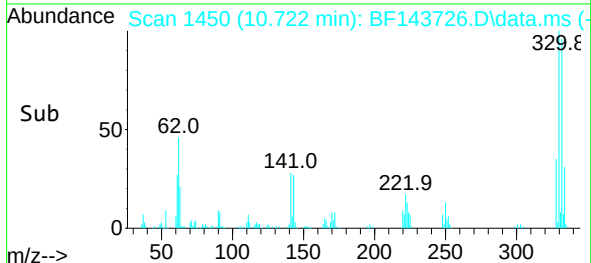
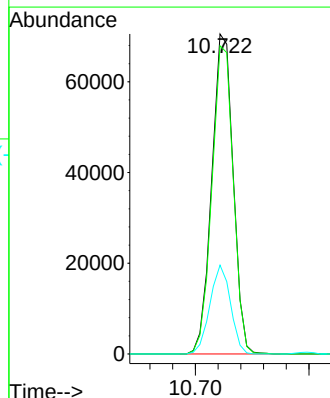
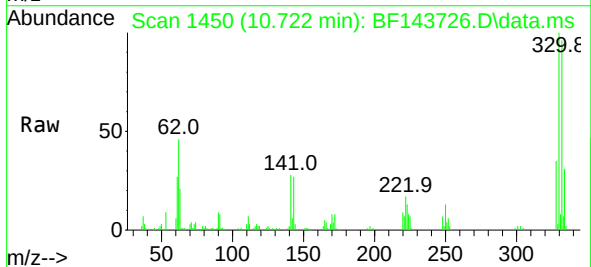
Tgt Ion:330 Resp: 92051

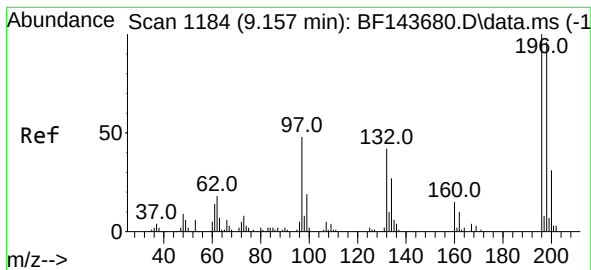
Ion Ratio Lower Upper

330 100

332 96.2 79.2 118.8

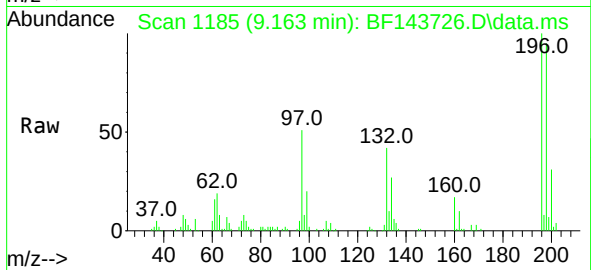
141 26.8 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 45.041 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

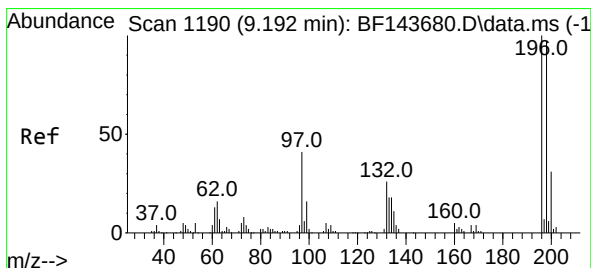
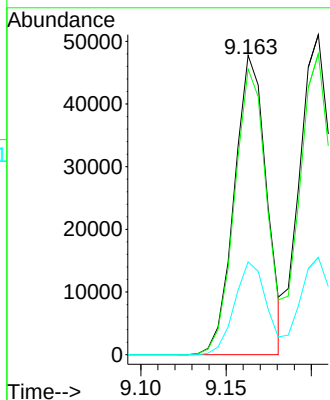
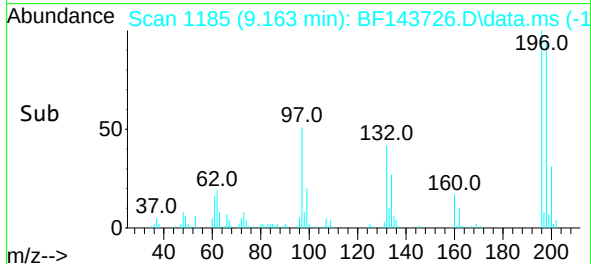
Instrument :
BNA_F
ClientSampleId :
PB169661BS



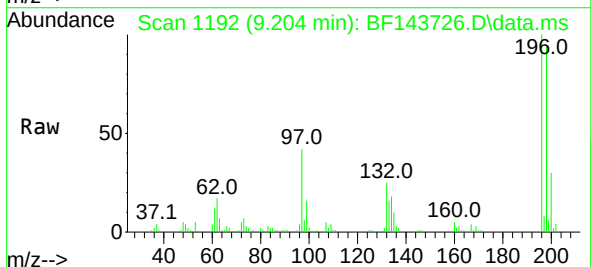
Tgt Ion:196 Resp: 62519
Ion Ratio Lower Upper
196 100
198 95.4 76.5 114.7
200 31.0 24.5 36.7

Manual Integrations
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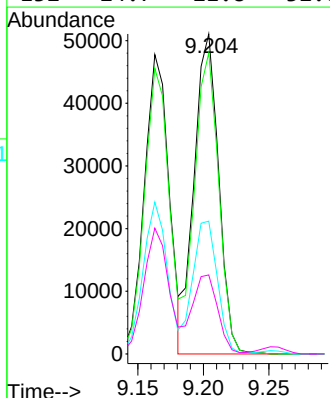
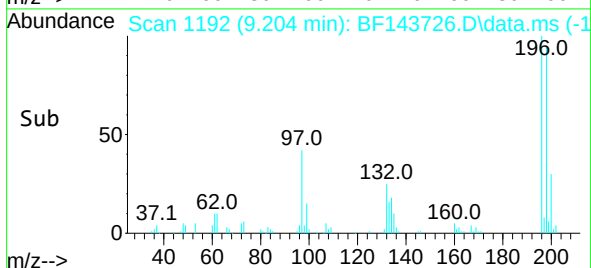
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

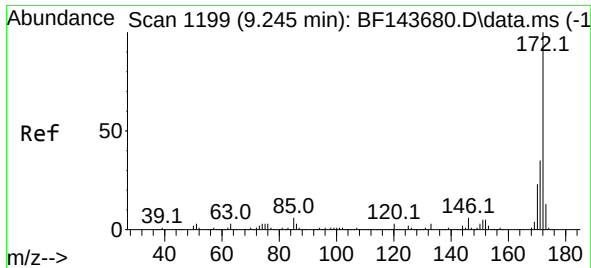


#44
2,4,5-Trichlorophenol
Concen: 46.946 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:196 Resp: 66246
Ion Ratio Lower Upper
196 100
198 94.1 77.0 115.6
97 41.5 34.2 51.4
132 24.7 21.8 32.6





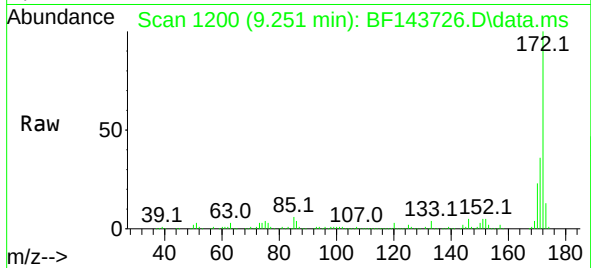
#45
2-Fluorobiphenyl
Concen: 85.442 ng
RT: 9.251 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



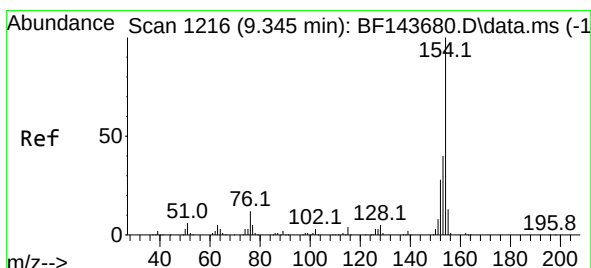
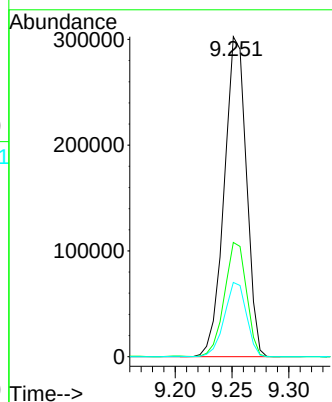
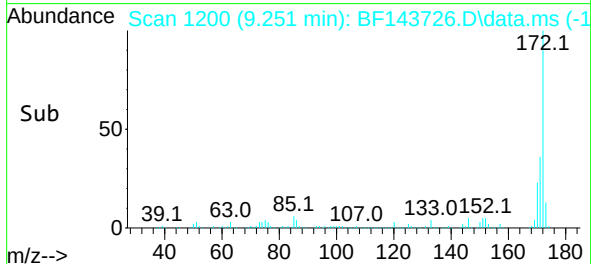
Tgt Ion:172 Resp: 410692
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.2 18.6 27.8

Manual Integrations

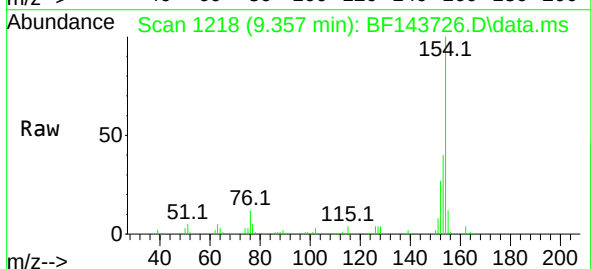
APPROVED

Reviewed By :Rahul Chavli 09/15/2025

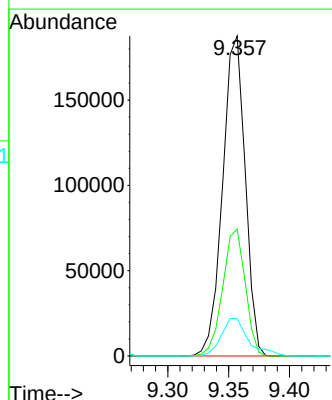
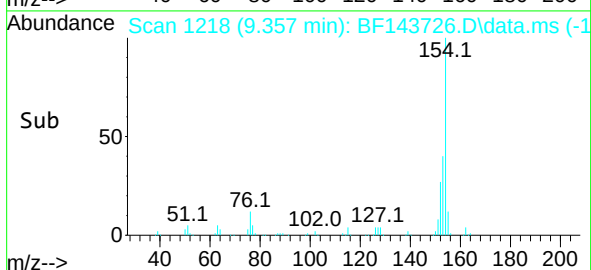
Supervised By :Jagrut Upadhyay 09/15/2025

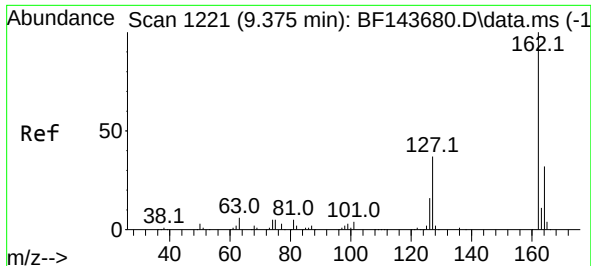


#46
1,1'-Biphenyl
Concen: 46.293 ng
RT: 9.357 min Scan# 1218
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:154 Resp: 241988
Ion Ratio Lower Upper
154 100
153 39.7 20.2 60.2
76 11.6 0.0 31.6





#47
2-Chloronaphthalene
Concen: 44.449 ng
RT: 9.381 min Scan# 1222
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

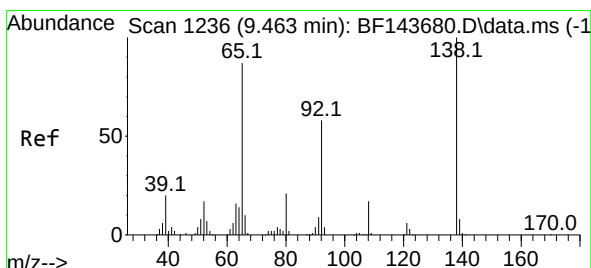
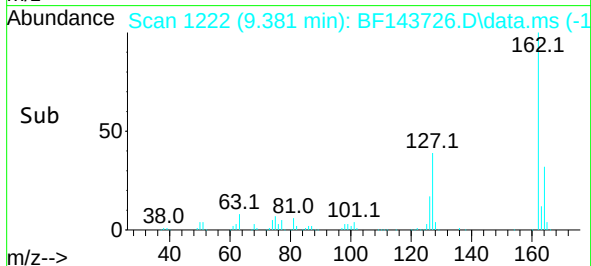
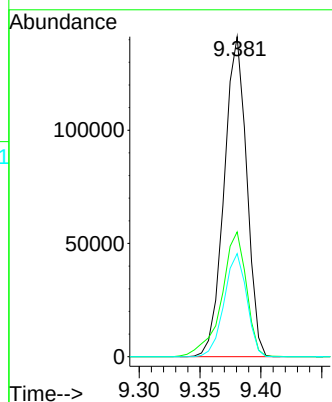
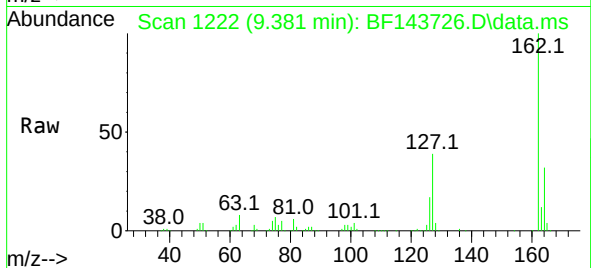
PB169661BS

Tgt Ion:162 Resp: 18215
Ion Ratio Lower Upper
162 100
127 39.0 30.6 45.8
164 32.2 25.8 38.8

Manual Integrations

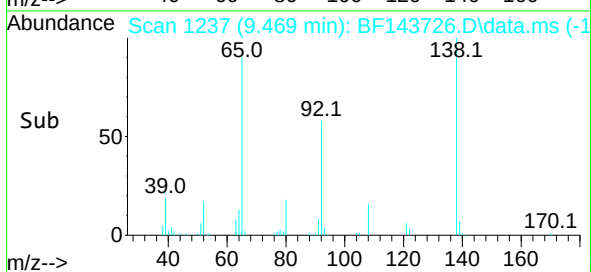
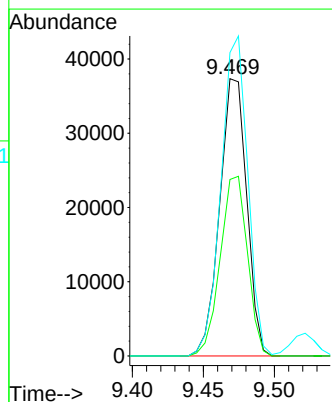
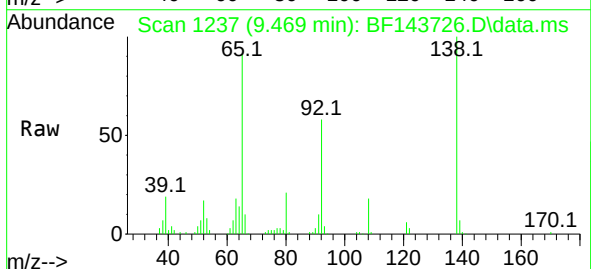
APPROVED

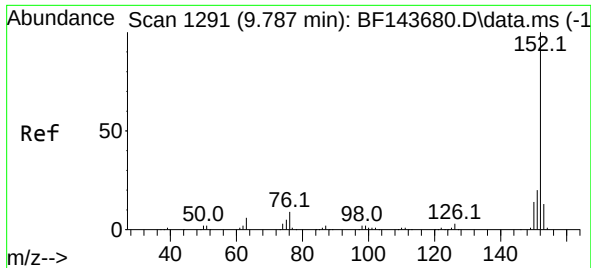
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#48
2-Nitroaniline
Concen: 45.694 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion: 65 Resp: 49555
Ion Ratio Lower Upper
65 100
92 63.7 53.3 79.9
138 109.4 92.1 138.1





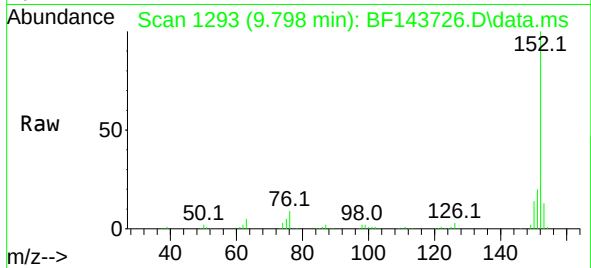
#49
Acenaphthylene
Concen: 49.803 ng
RT: 9.798 min Scan# 1293
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



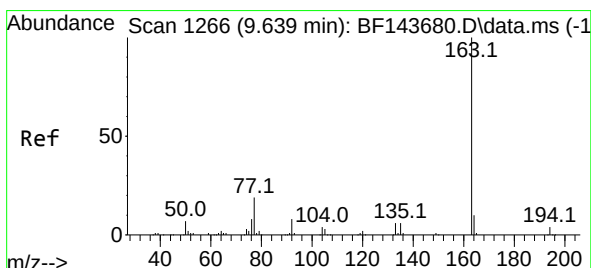
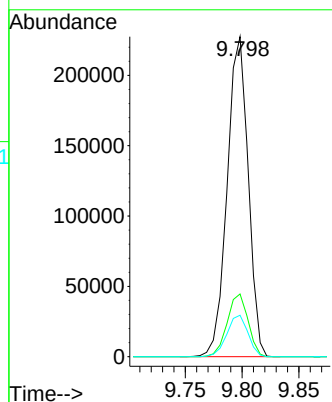
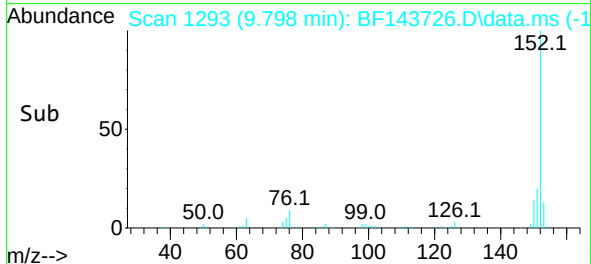
Tgt Ion:152 Resp: 292352
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.9 10.4 15.6

Manual Integrations

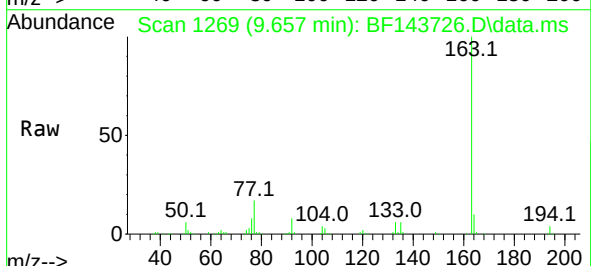
APPROVED

Reviewed By :Rahul Chavli 09/15/2025

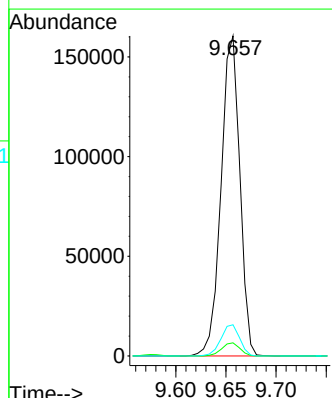
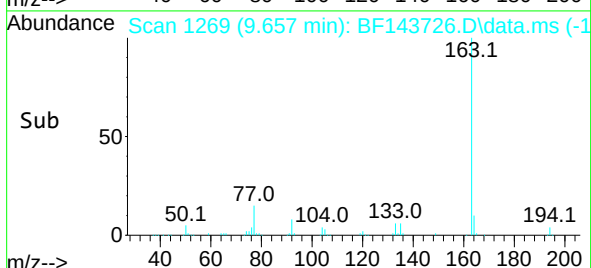
Supervised By :Jagrut Upadhyay 09/15/2025

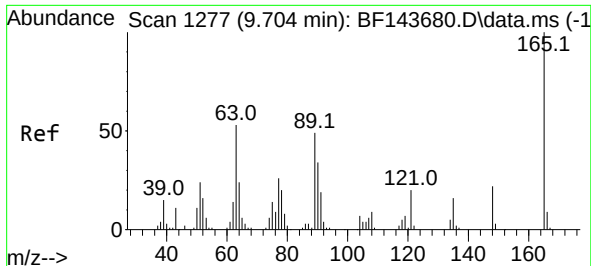


#50
Dimethylphthalate
Concen: 44.046 ng
RT: 9.657 min Scan# 1269
Delta R.T. 0.018 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



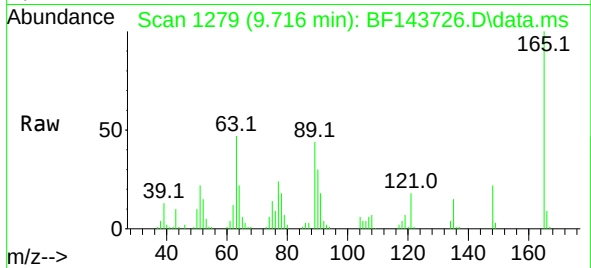
Tgt Ion:163 Resp: 208083
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.8 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 49.587 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

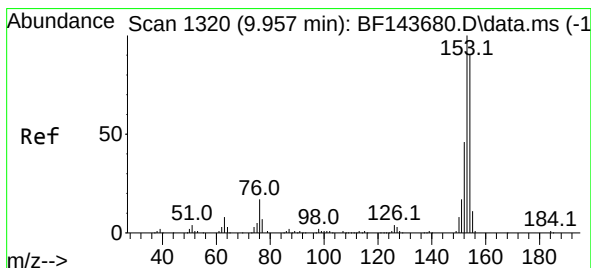
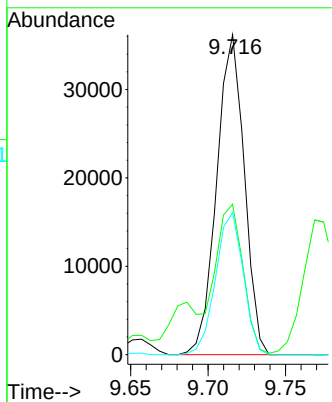
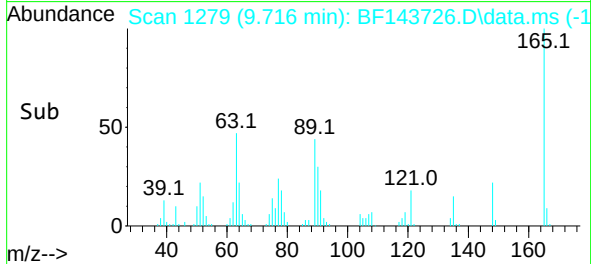
Instrument :
BNA_F
ClientSampleId :
PB169661BS



Tgt Ion:165 Resp: 44790
Ion Ratio Lower Upper
165 100
63 47.0 42.2 63.4
89 44.5 39.3 58.9

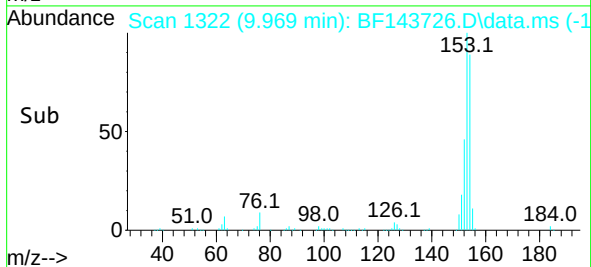
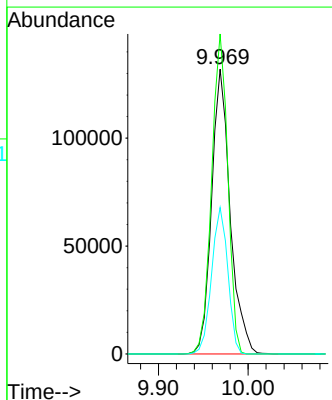
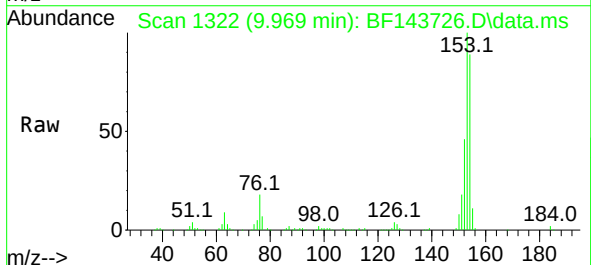
Manual Integrations
APPROVED

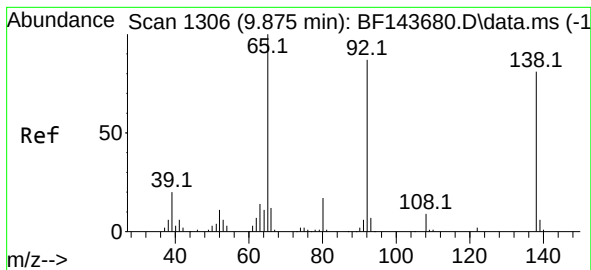
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#52
Acenaphthene
Concen: 46.974 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

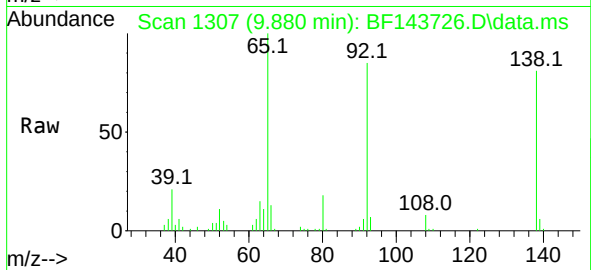
Tgt Ion:154 Resp: 190014
Ion Ratio Lower Upper
154 100
153 112.4 89.4 134.0
152 51.4 41.2 61.8





#53
3-Nitroaniline
Concen: 32.195 ng
RT: 9.880 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

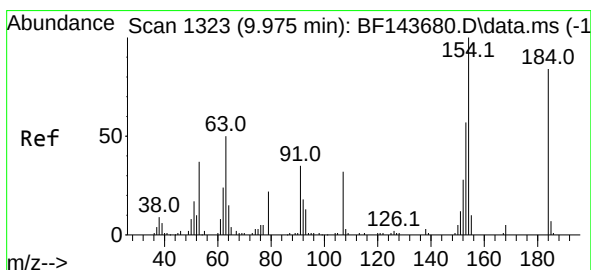
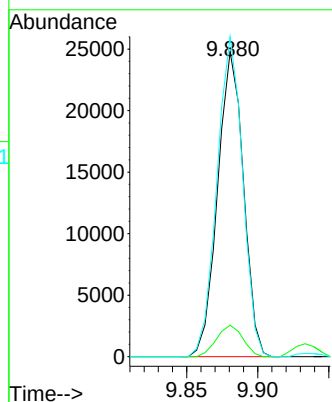
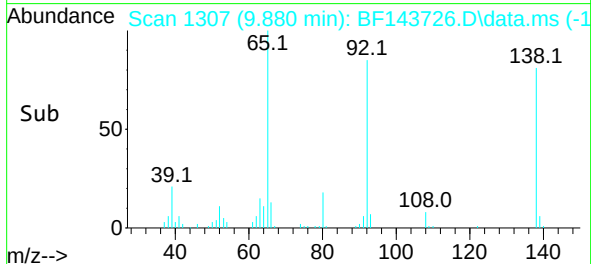
Instrument :
BNA_F
ClientSampleId :
PB169661BS



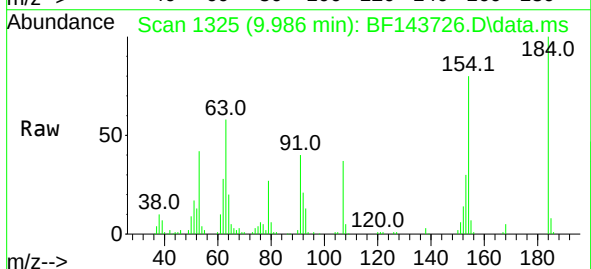
Tgt Ion:138 Resp: 3129
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 104.9 85.5 128.3

Manual Integrations
APPROVED

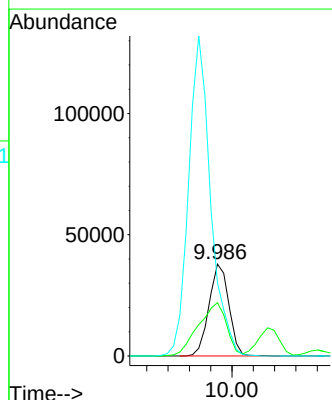
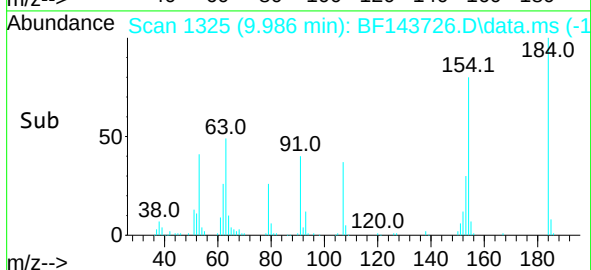
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

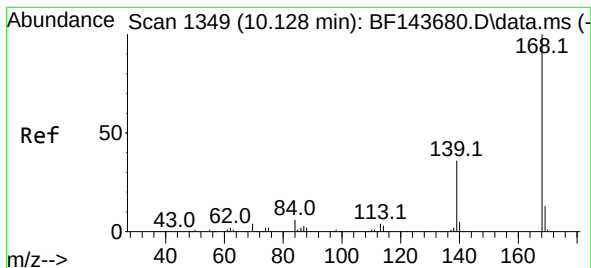


#54
2,4-Dinitrophenol
Concen: 99.240 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



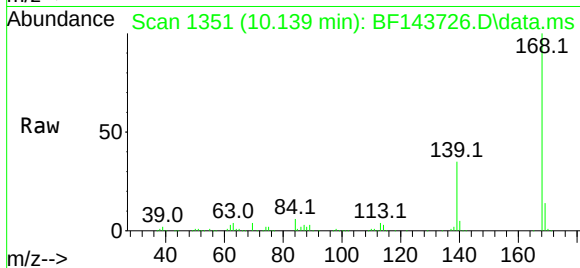
Tgt Ion:184 Resp: 48927
Ion Ratio Lower Upper
184 100
63 57.9 52.7 79.1
154 79.6 136.6 204.8#





#55
Dibenzenofuran
Concen: 44.156 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

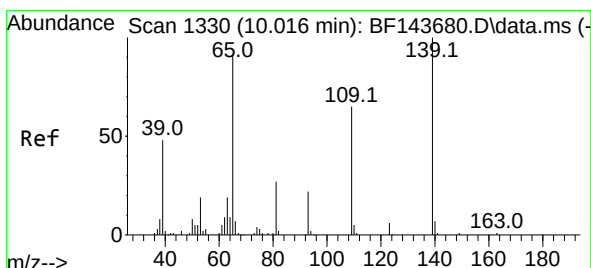
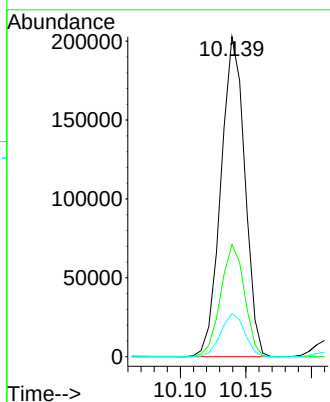
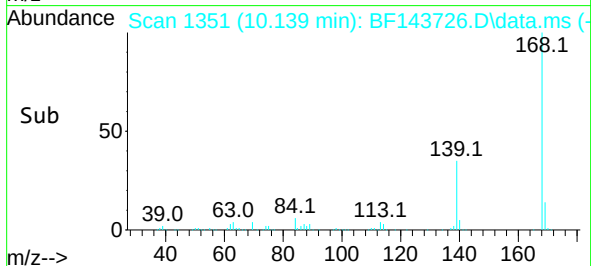
Instrument :
BNA_F
ClientSampleId :
PB169661BS



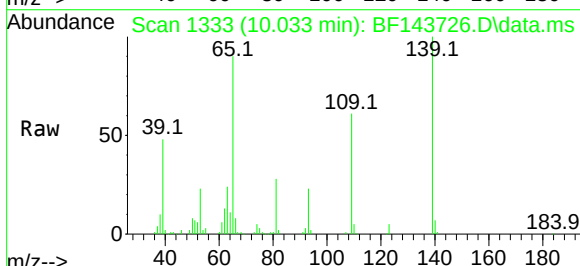
Tgt Ion:168 Resp: 25683
Ion Ratio Lower Upper
168 100
139 35.1 29.0 43.4
169 13.5 10.8 16.2

Manual Integrations
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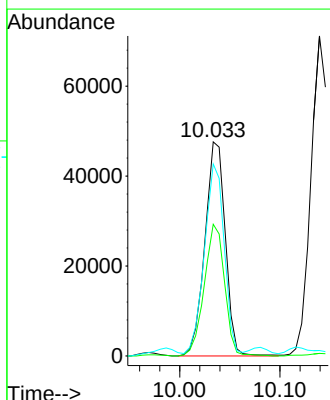
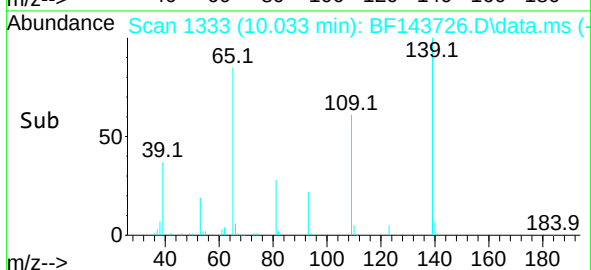
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

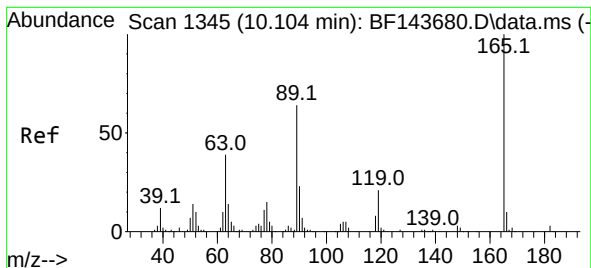


#56
4-Nitrophenol
Concen: 87.423 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.018 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:139 Resp: 67608
Ion Ratio Lower Upper
139 100
109 61.5 45.2 85.2
65 89.7 72.1 112.1





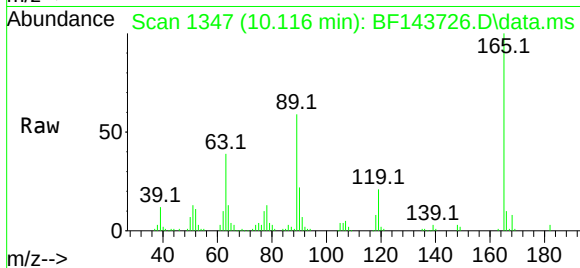
#57
2,4-Dinitrotoluene
Concen: 47.999 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



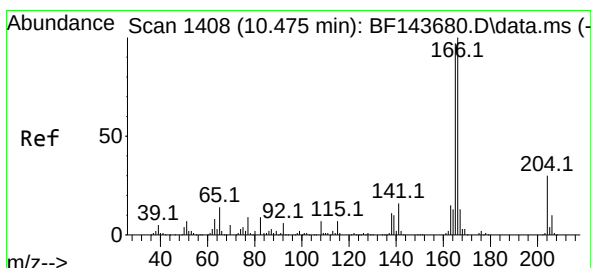
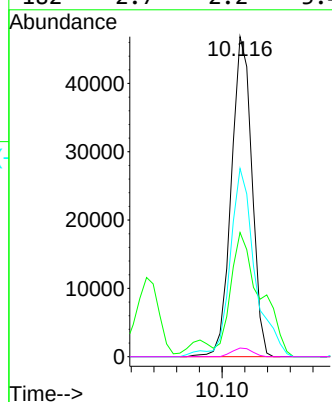
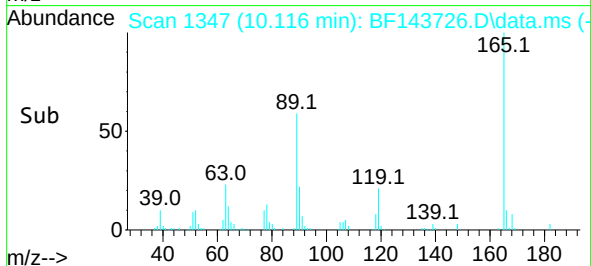
Tgt Ion:165 Resp: 5900
Ion Ratio Lower Upper
165 100
63 38.8 31.5 47.3
89 58.8 51.3 76.9
182 2.7 2.2 3.4

Manual Integrations

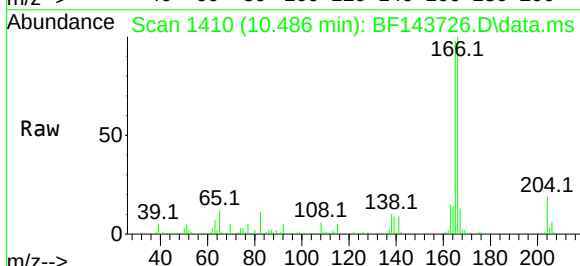
APPROVED

Reviewed By :Rahul Chavli 09/15/2025

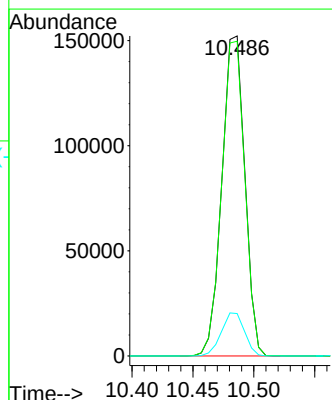
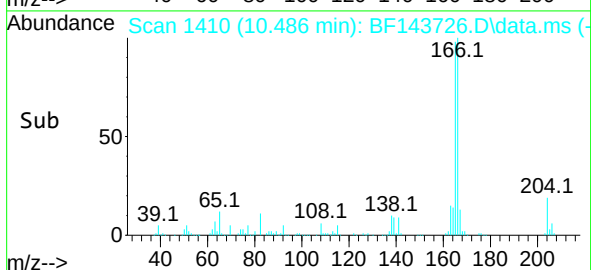
Supervised By :Jagrut Upadhyay 09/15/2025

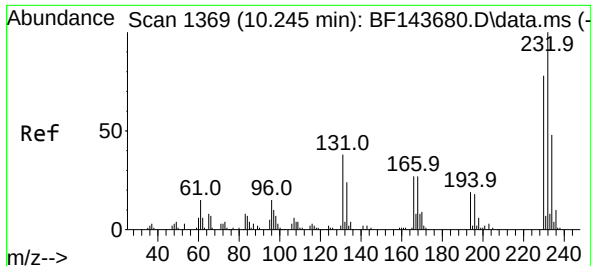


#58
Fluorene
Concen: 43.820 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



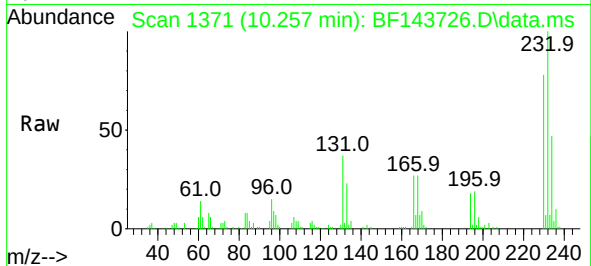
Tgt Ion:166 Resp: 199520
Ion Ratio Lower Upper
166 100
165 98.4 77.5 116.3
167 13.2 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.743 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

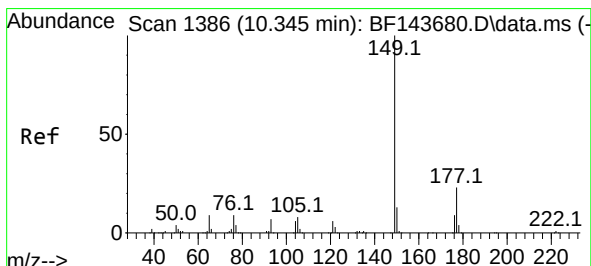
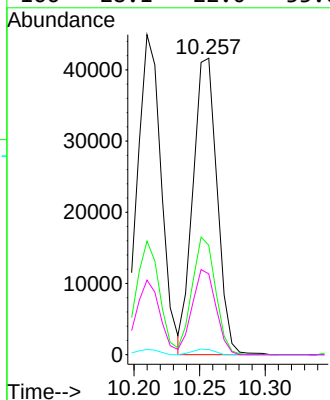
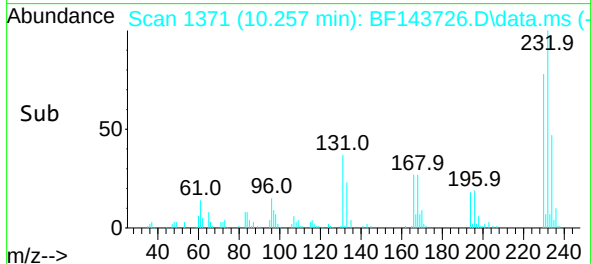
Instrument :
BNA_F
ClientSampleId :
PB169661BS



Tgt Ion:232 Resp: 5348
Ion Ratio Lower Upper
232 100
131 38.4 31.9 47.9
130 1.7 1.4 2.0
166 28.1 22.0 33.0

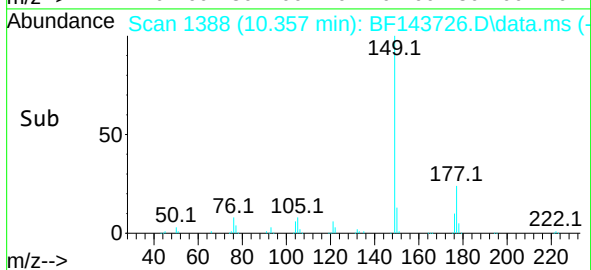
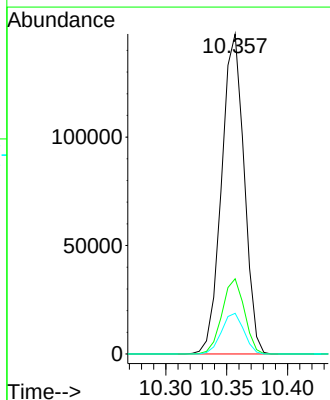
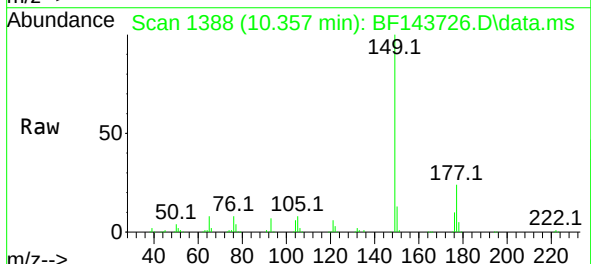
Manual Integrations
APPROVED

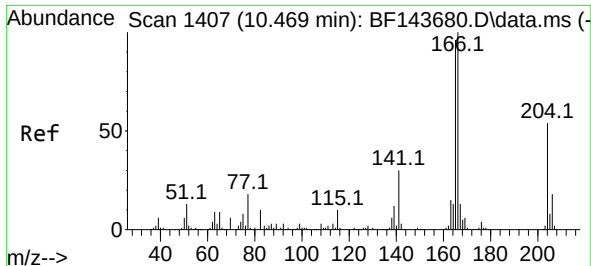
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#60
Diethylphthalate
Concen: 42.807 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

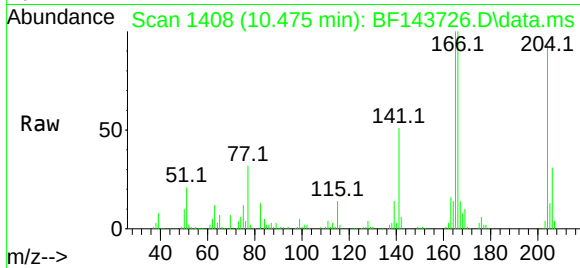
Tgt Ion:149 Resp: 189860
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.2
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.376 ng
RT: 10.475 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

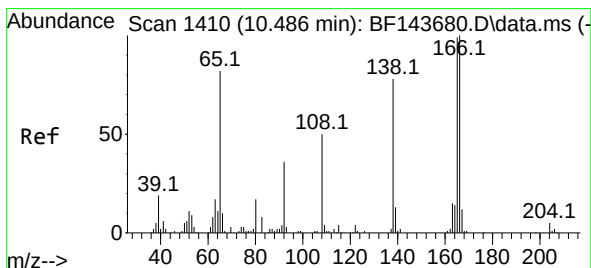
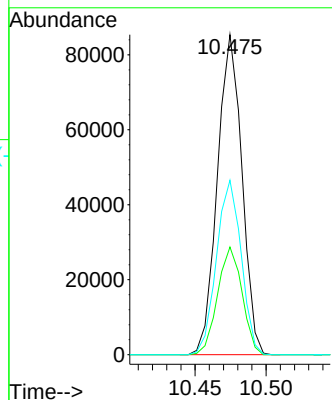
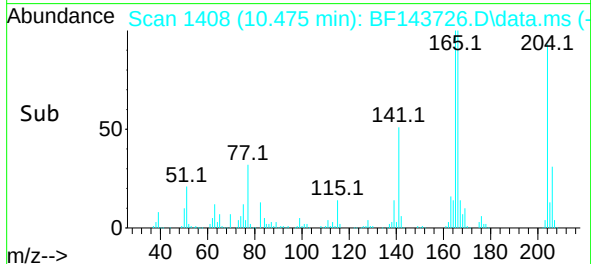
Instrument :
BNA_F
ClientSampleId :
PB169661BS



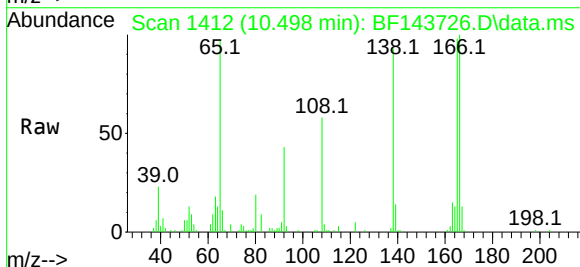
Tgt Ion:204 Resp: 10247
Ion Ratio Lower Upper
204 100
206 33.7 26.0 39.0
141 54.5 44.8 67.2

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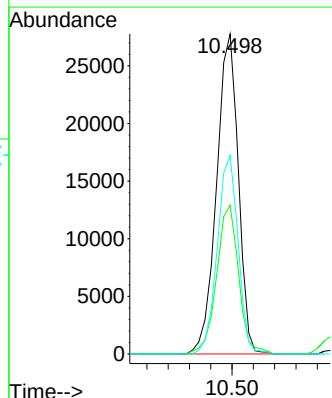
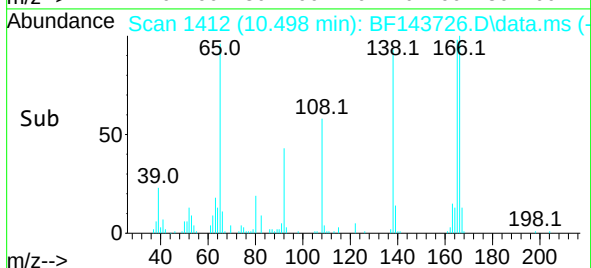
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

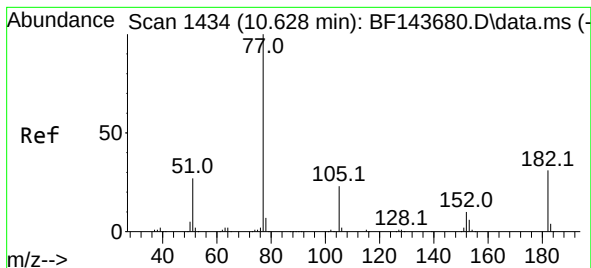


#62
4-Nitroaniline
Concen: 42.649 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:138 Resp: 39265
Ion Ratio Lower Upper
138 100
92 46.4 26.4 66.4
108 62.0 44.3 84.3





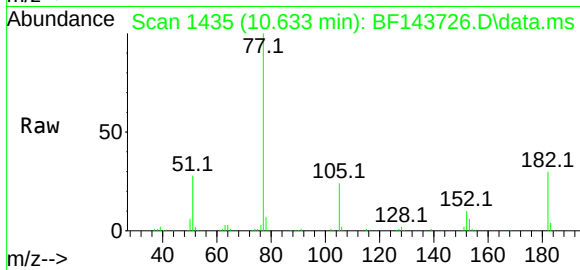
#63
Azobenzene
Concen: 43.471 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



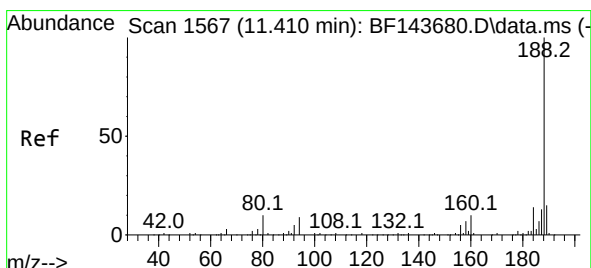
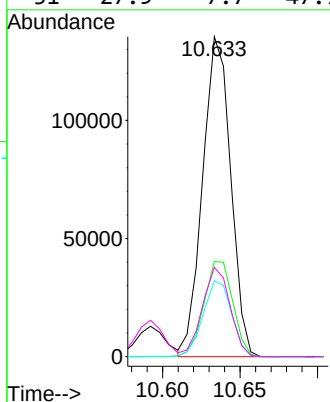
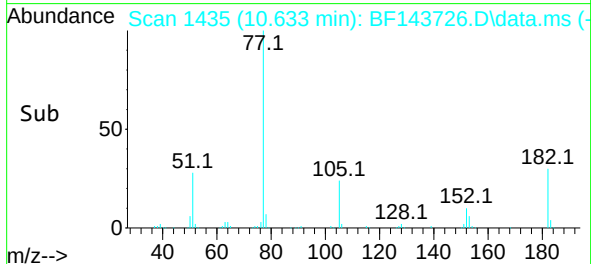
Tgt Ion: 77 Resp: 170449
Ion Ratio Lower Upper
77 100
182 29.7 10.8 50.8
105 23.7 3.2 43.2
51 27.9 7.7 47.7

Manual Integrations

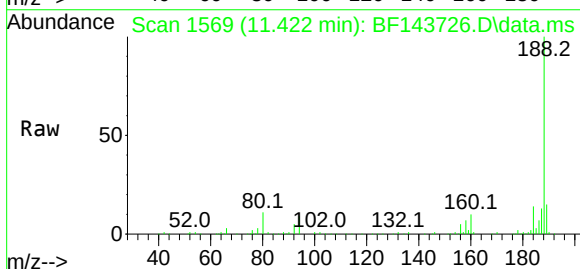
APPROVED

Reviewed By :Rahul Chavli 09/15/2025

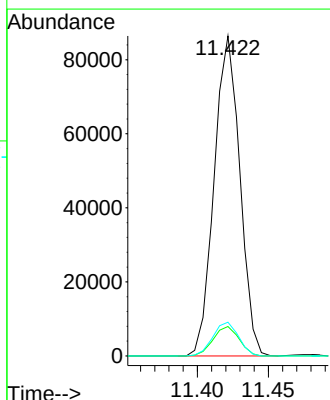
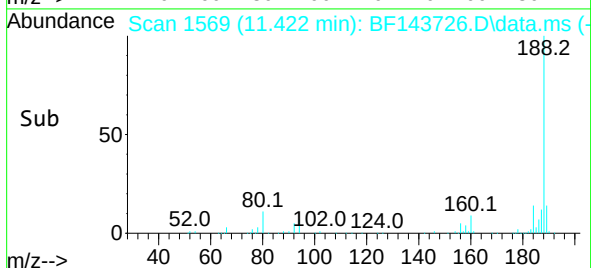
Supervised By :Jagrut Upadhyay 09/15/2025

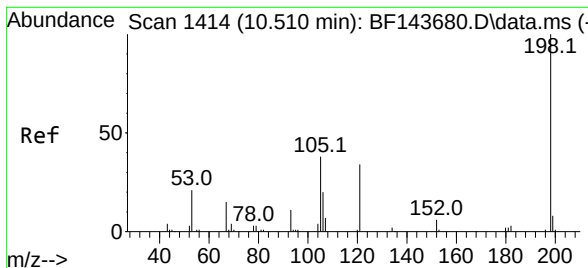


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:188 Resp: 108626
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.6 7.7 11.5





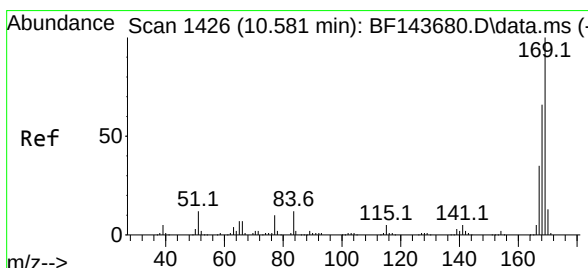
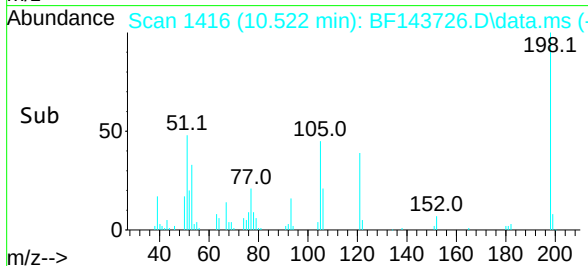
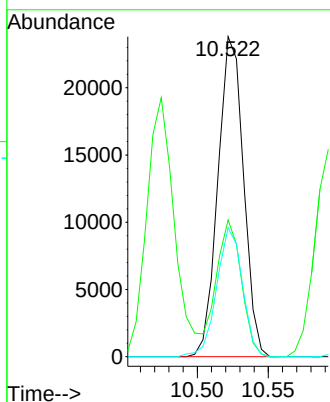
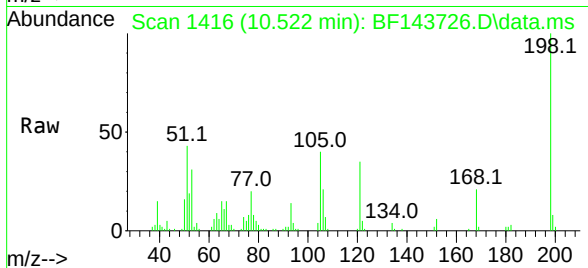
#65
4,6-Dinitro-2-methylphenol
Concen: 53.913 ng
RT: 10.522 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB169661BS

Tgt Ion:198 Resp: 2981
Ion Ratio Lower Upper
198 100
51 42.8 21.2 61.2
105 40.3 19.0 59.0

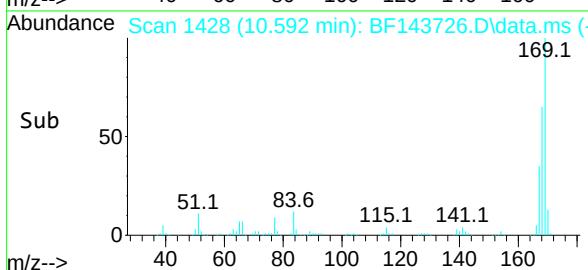
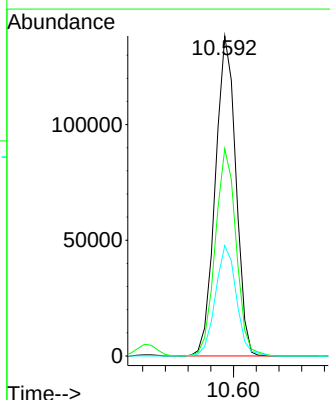
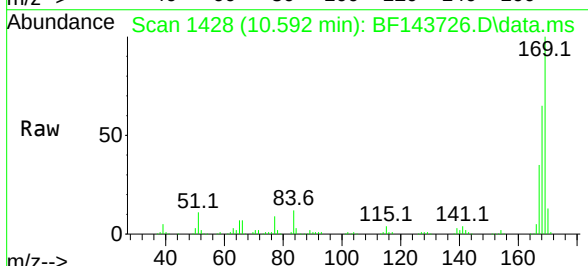
Manual Integrations
APPROVED

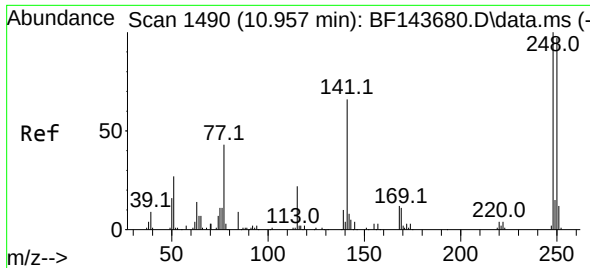
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#66
n-Nitrosodiphenylamine
Concen: 48.810 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

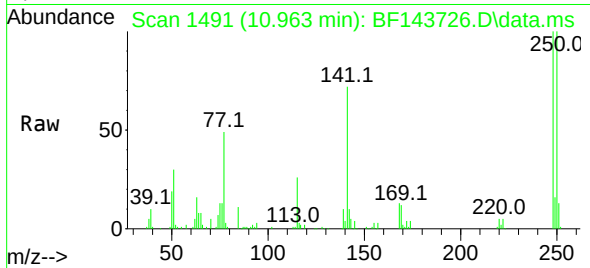
Tgt Ion:169 Resp: 173695
Ion Ratio Lower Upper
169 100
168 64.7 53.0 79.6
167 34.5 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 46.130 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

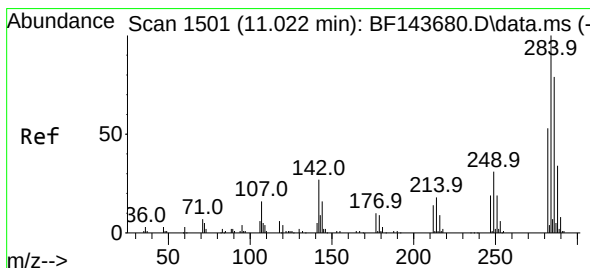
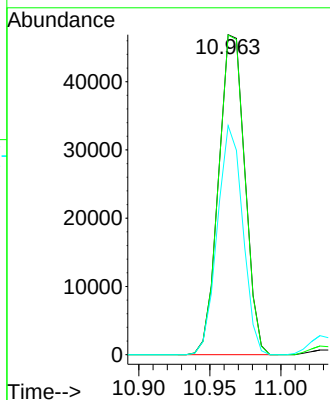
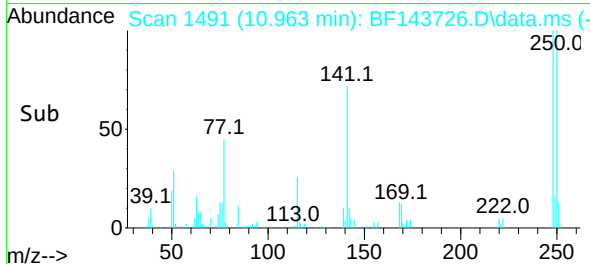
Instrument :
BNA_F
ClientSampleId :
PB169661BS



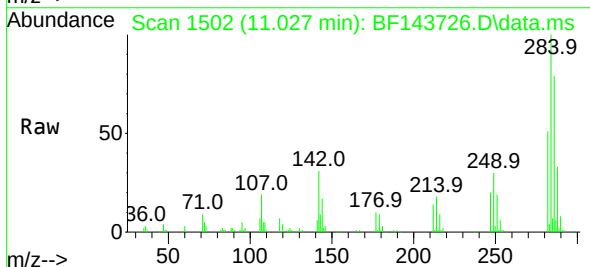
Tgt Ion:248 Resp: 6042
Ion Ratio Lower Upper
248 100
250 99.9 77.5 116.3
141 71.6 52.6 79.0

Manual Integrations
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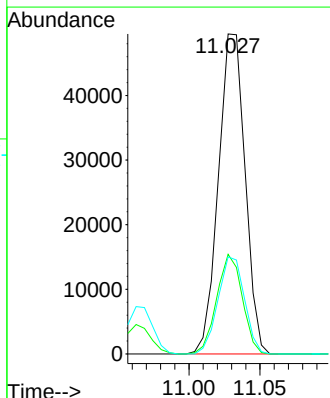
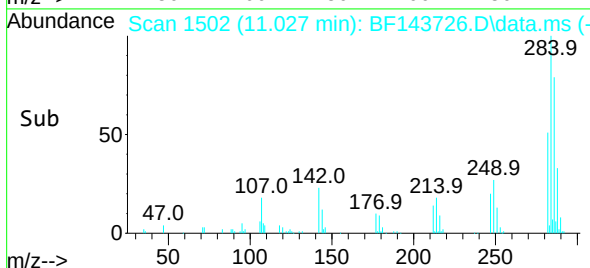
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

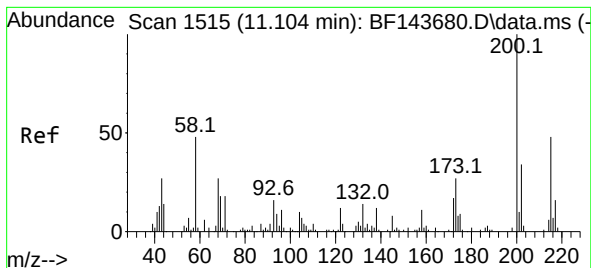


#68
Hexachlorobenzene
Concen: 46.830 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:284 Resp: 64773
Ion Ratio Lower Upper
284 100
142 31.1 21.3 31.9
249 30.3 25.0 37.4





#69

Atrazine

Concen: 46.127 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

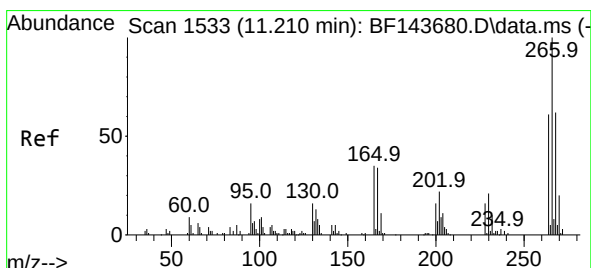
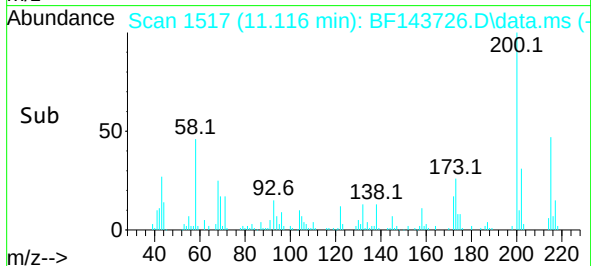
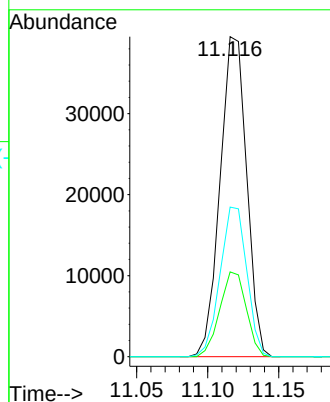
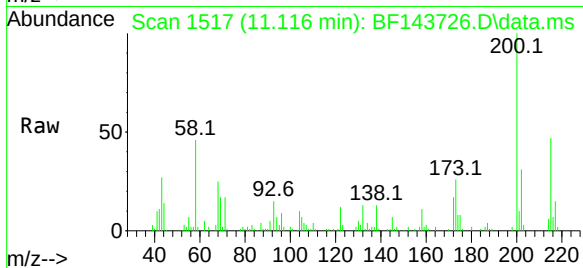
PB169661BS

Tgt Ion:200 Resp: 5146
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.3 47.3
 215 46.8 28.5 68.5

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025



#70

Pentachlorophenol

Concen: 95.206 ng

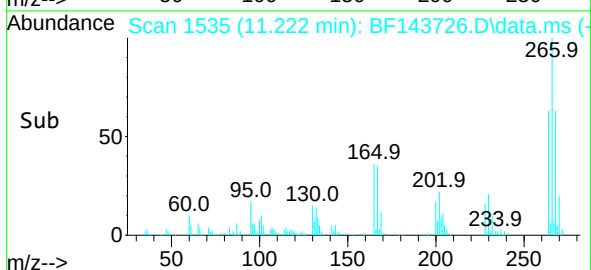
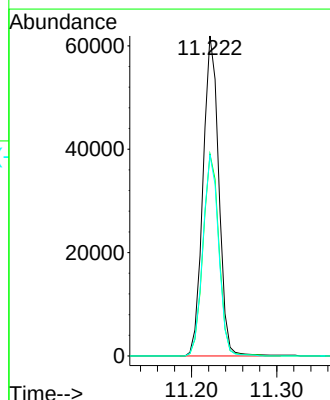
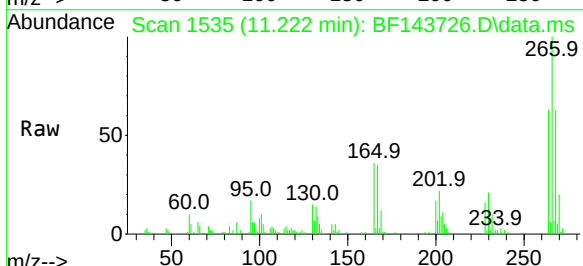
RT: 11.222 min Scan# 1535

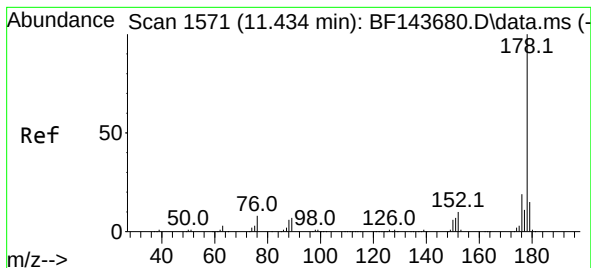
Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Tgt Ion:266 Resp: 79604
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.2 73.8
 264 62.8 48.6 73.0





#71

Phenanthrene

Concen: 45.525 ng

RT: 11.445 min Scan# 1571

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:178 Resp: 27247

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

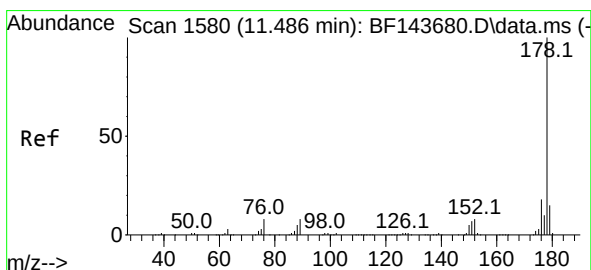
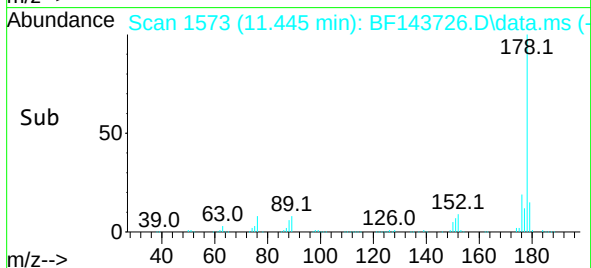
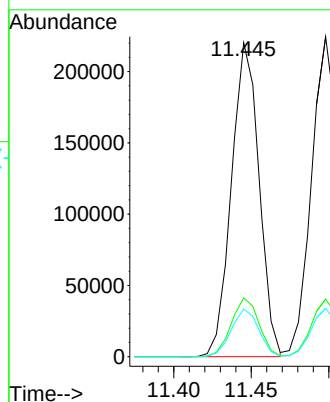
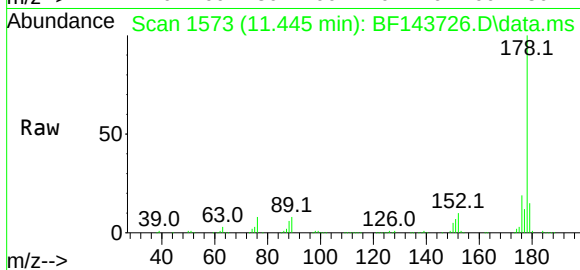
179 15.1 12.2 18.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#72

Anthracene

Concen: 45.886 ng

RT: 11.498 min Scan# 1582

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

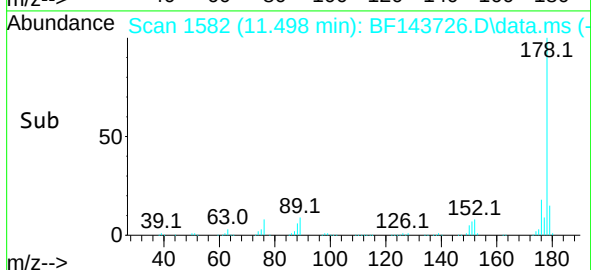
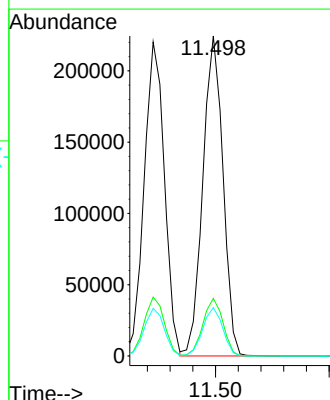
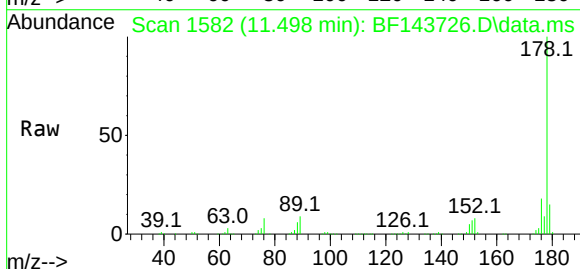
Tgt Ion:178 Resp: 276146

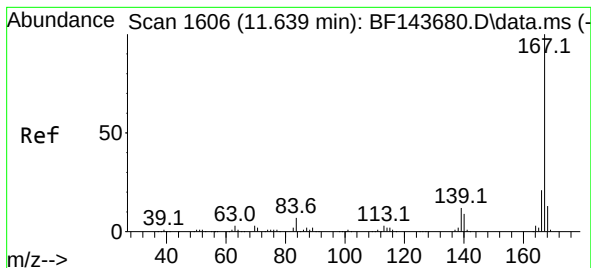
Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

179 15.1 12.2 18.2





#73

Carbazole

Concen: 45.495 ng

RT: 11.651 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:167 Resp: 22422

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.4

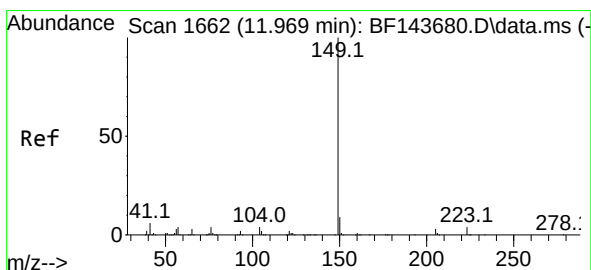
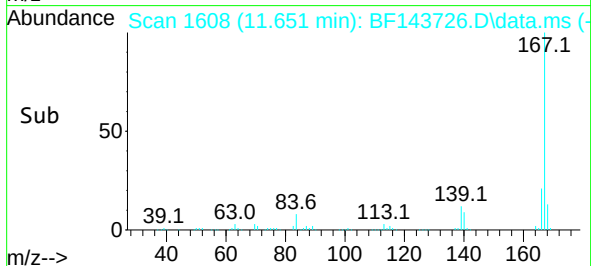
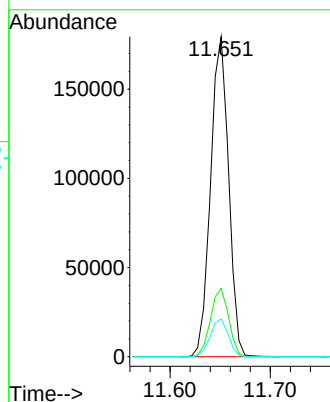
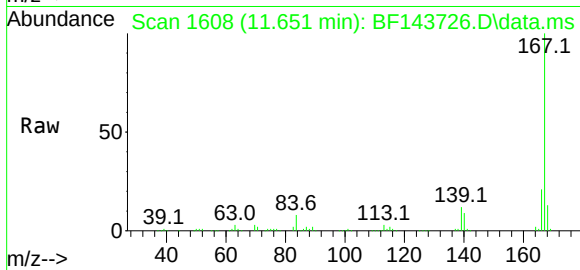
139 11.8 9.7 14.5

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#74

Di-n-butylphthalate

Concen: 44.625 ng

RT: 11.980 min Scan# 1664

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

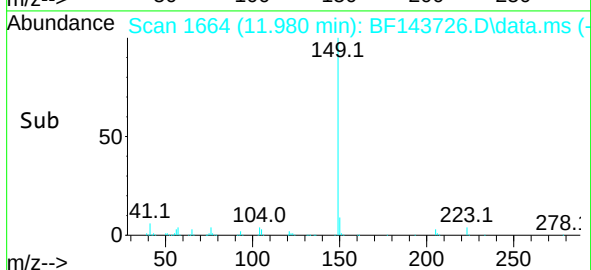
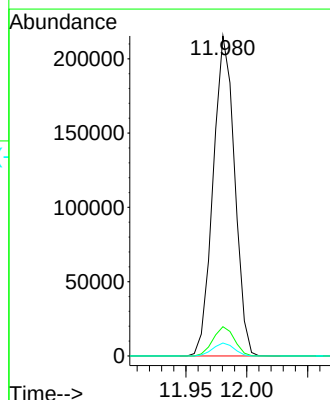
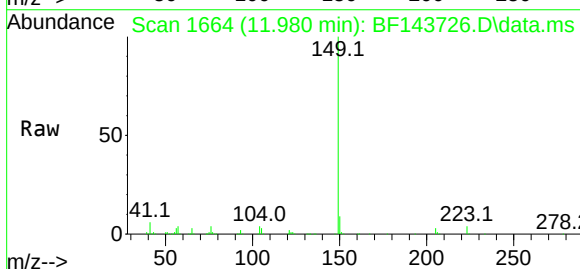
Tgt Ion:149 Resp: 264791

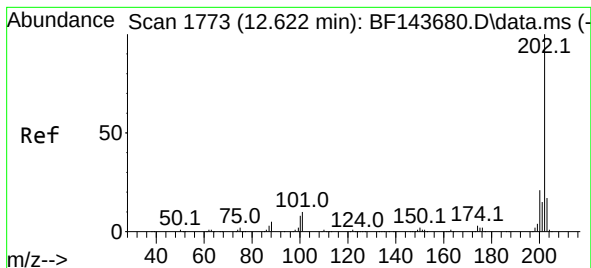
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.1 3.3 4.9





#75

Fluoranthene

Concen: 43.686 ng

RT: 12.633 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:202 Resp: 240029

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.5

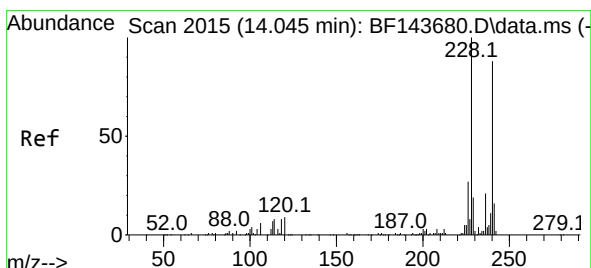
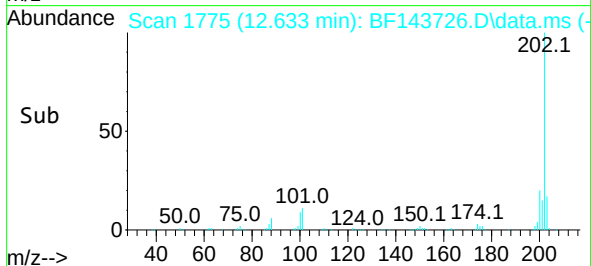
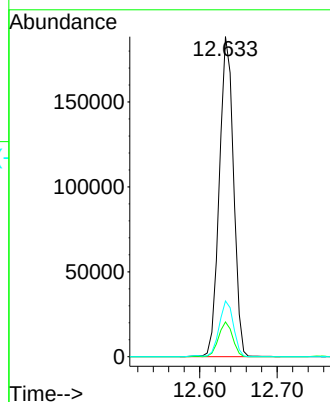
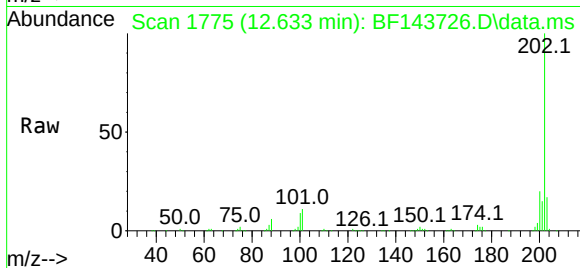
203 17.4 0.0 37.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.018 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

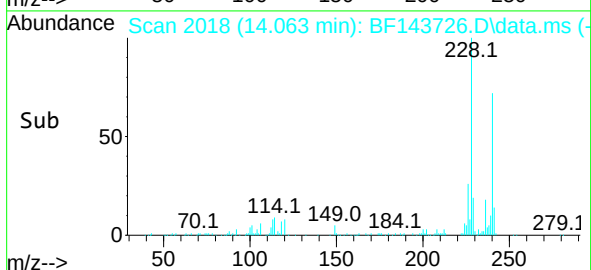
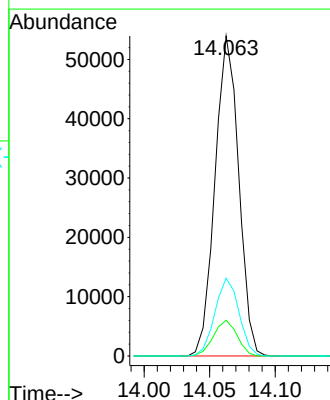
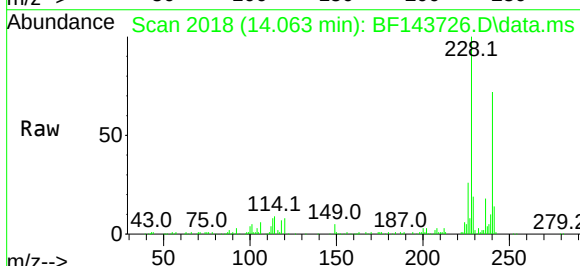
Tgt Ion:240 Resp: 67628

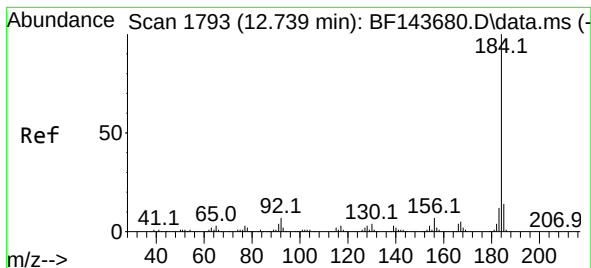
Ion Ratio Lower Upper

240 100

120 11.2 8.4 12.6

236 24.3 18.6 28.0





#77

Benzidine

Concen: 28.994 ng

RT: 12.751 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143726.D

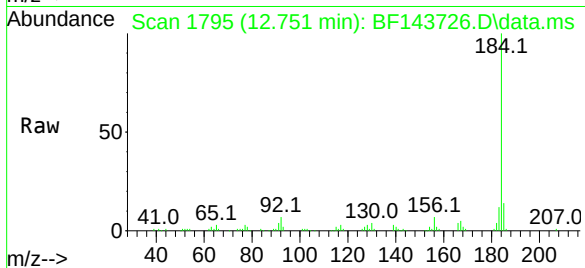
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



Tgt Ion:184 Resp: 6394

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

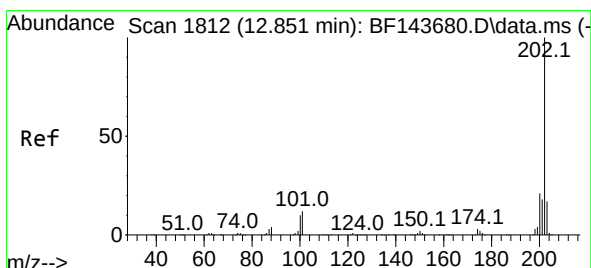
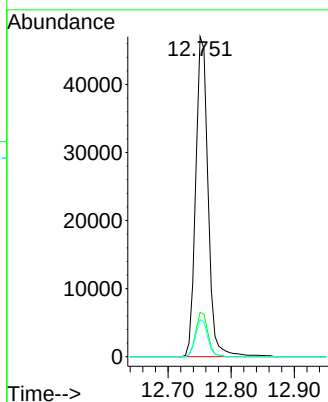
183 11.5 9.4 14.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#78

Pyrene

Concen: 43.531 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

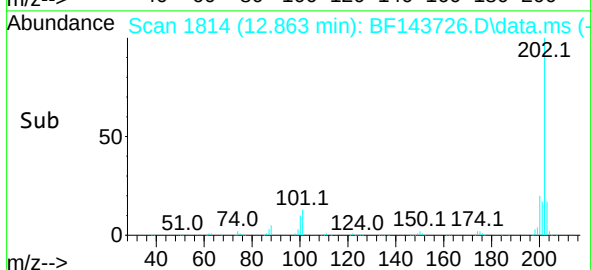
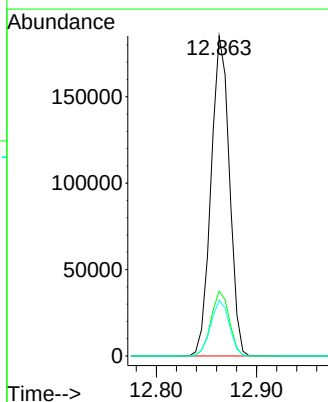
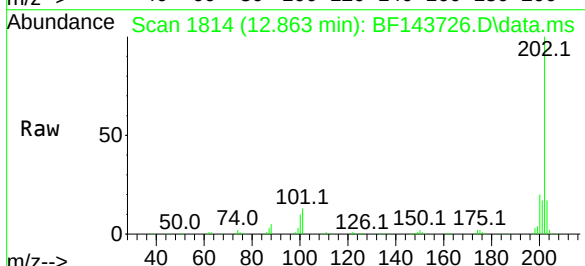
Tgt Ion:202 Resp: 235380

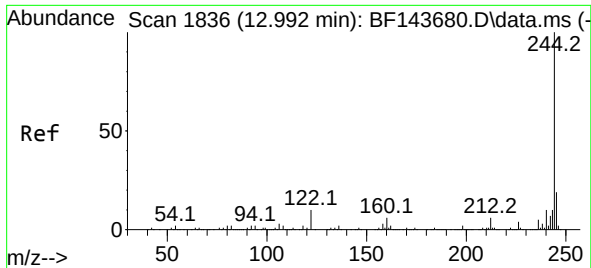
Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

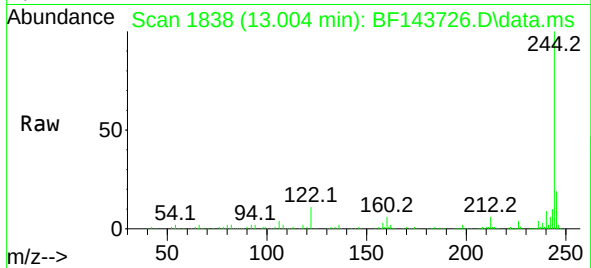
203 17.4 13.5 20.3





#79
 Terphenyl-d14
 Concen: 84.185 ng
 RT: 13.004 min Scan# 1836
 Delta R.T. 0.012 min
 Lab File: BF143726.D
 Acq: 12 Sep 2025 11:42

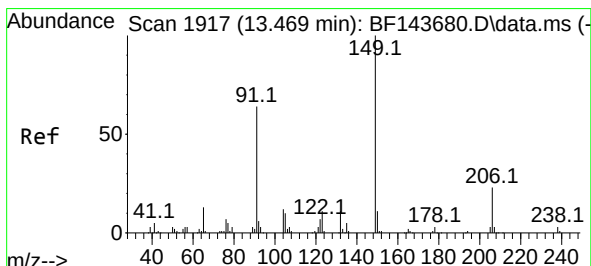
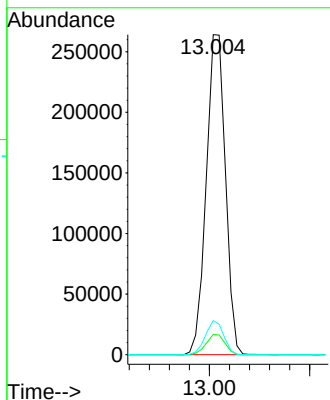
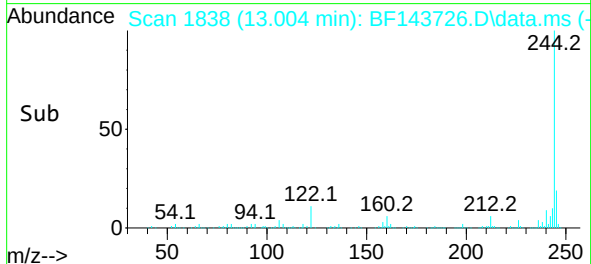
Instrument :
 BNA_F
 ClientSampleId :
 PB169661BS



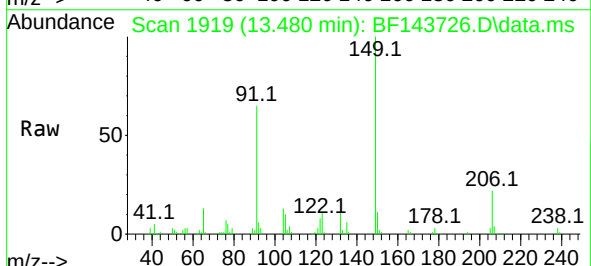
Tgt Ion:244 Resp: 351324
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.6
 122 10.7 7.9 11.9

Manual Integrations
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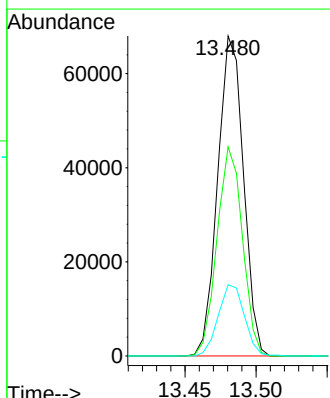
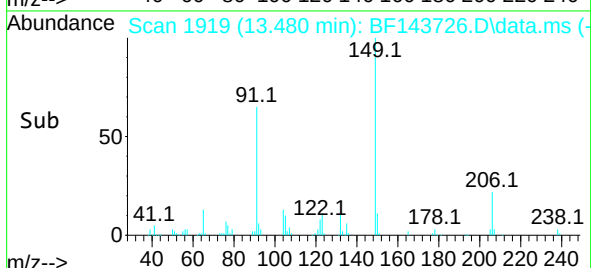
Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025

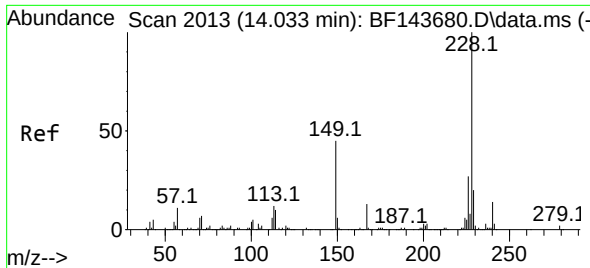


#80
 Butylbenzylphthalate
 Concen: 50.580 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.012 min
 Lab File: BF143726.D
 Acq: 12 Sep 2025 11:42



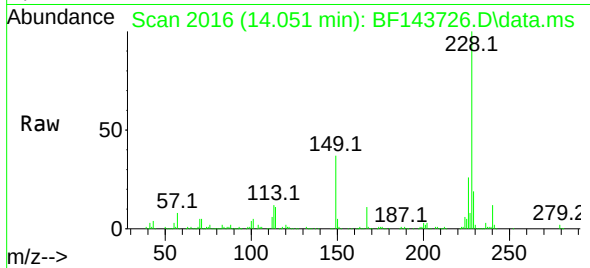
Tgt Ion:149 Resp: 85691
 Ion Ratio Lower Upper
 149 100
 91 65.4 50.9 76.3
 206 22.2 18.2 27.2





#81
Benzo(a)anthracene
Concen: 46.804 ng
RT: 14.051 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

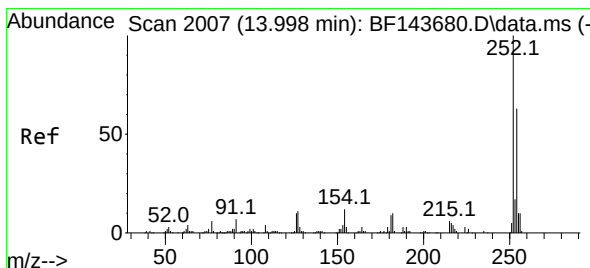
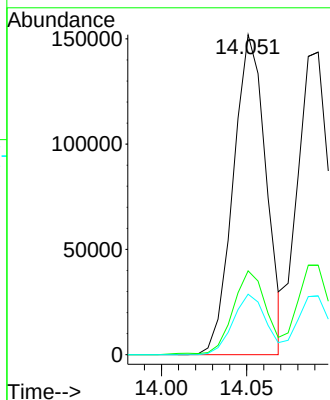
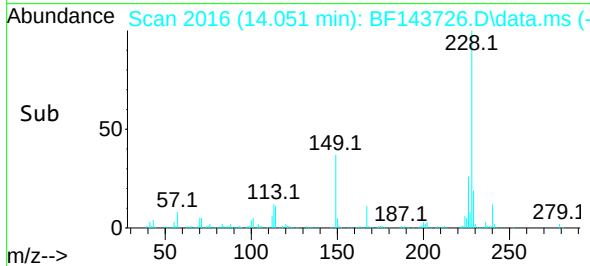
Instrument :
BNA_F
ClientSampleId :
PB169661BS



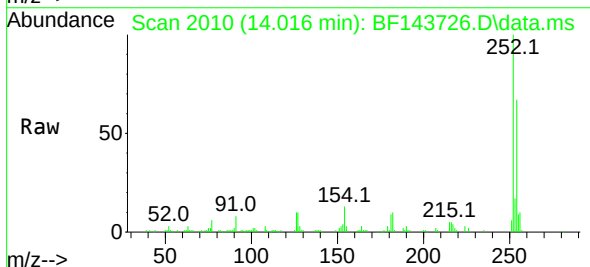
Tgt Ion:228 Resp: 20363
Ion Ratio Lower Upper
228 100
226 26.2 21.6 32.4
229 18.9 15.7 23.5

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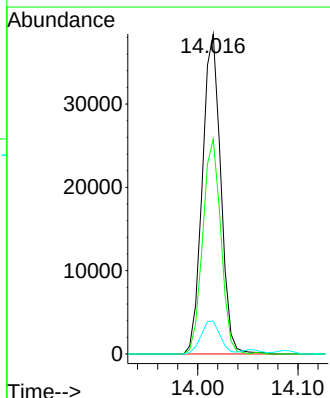
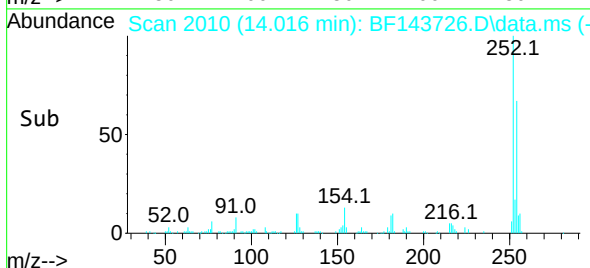
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

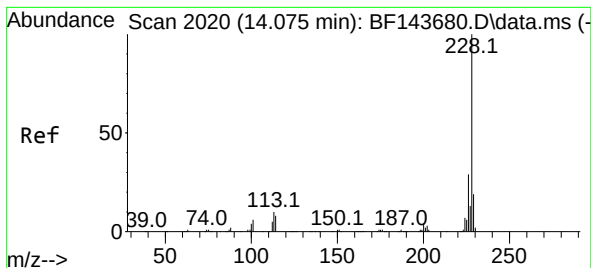


#82
3,3'-Dichlorobenzidine
Concen: 36.611 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.017 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:252 Resp: 49003
Ion Ratio Lower Upper
252 100
254 67.2 50.5 75.7
126 10.3 8.2 12.4





#83

Chrysene

Concen: 46.591 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.017 min

Lab File: BF143726.D

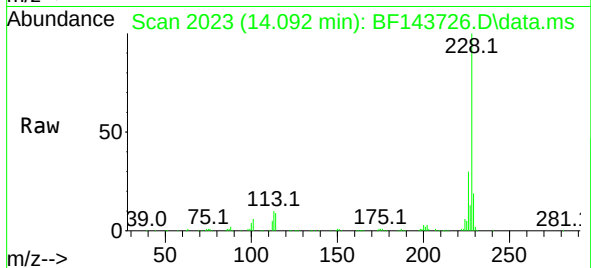
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



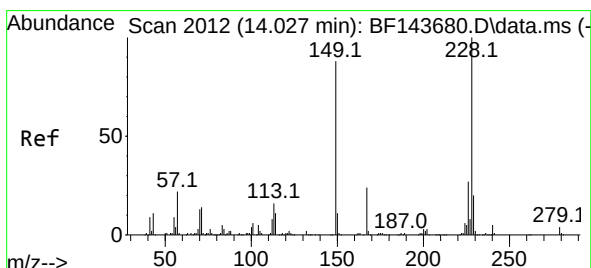
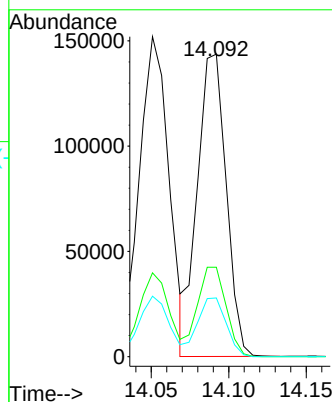
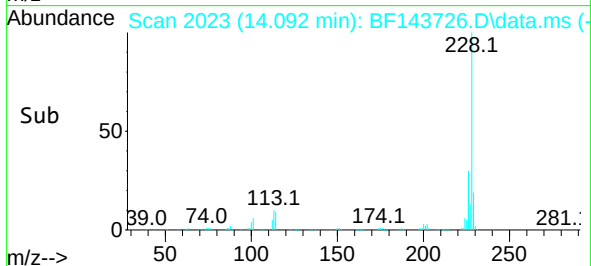
Tgt Ion:	228	Resp:	185654
Ion Ratio	100	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	19.4	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.324 ng

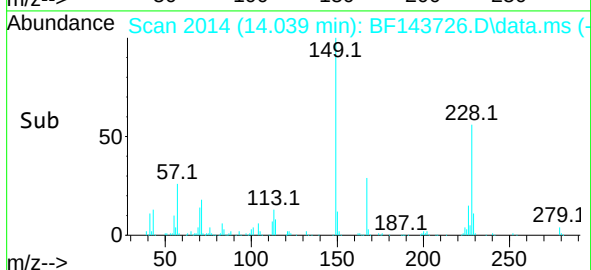
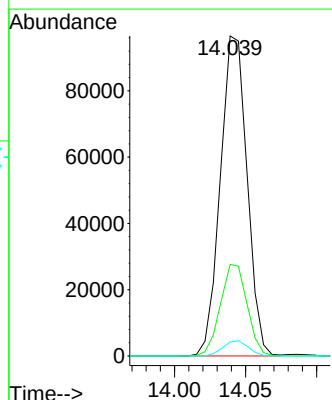
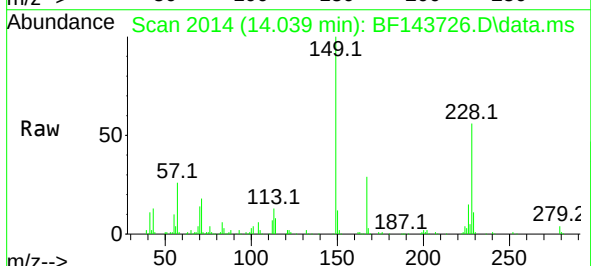
RT: 14.039 min Scan# 2014

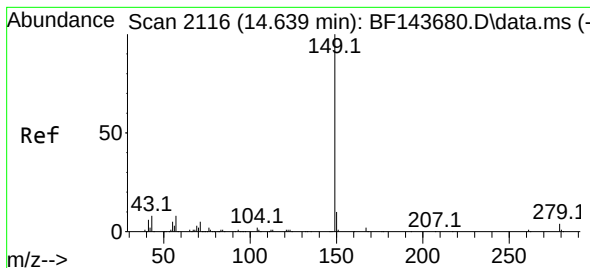
Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

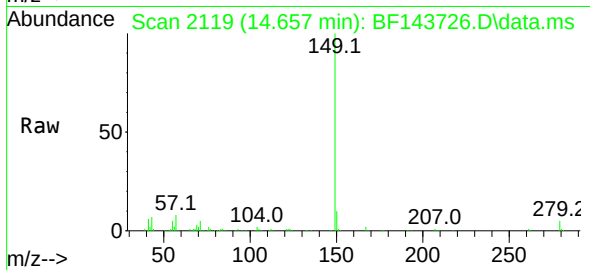
Tgt Ion:	149	Resp:	126481
Ion Ratio	100	Lower	Upper
149	100		
167	28.6	22.2	33.2
279	4.3	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 55.247 ng
RT: 14.657 min Scan# 2116
Delta R.T. 0.017 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

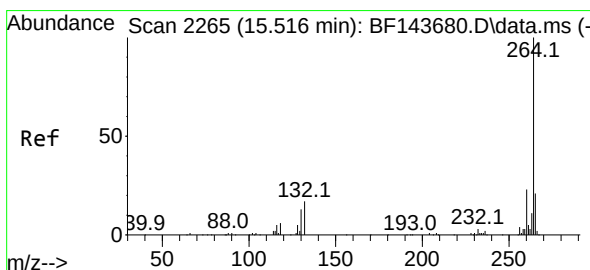
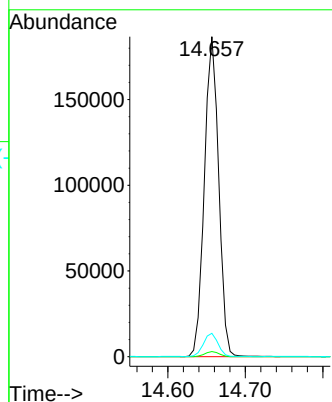
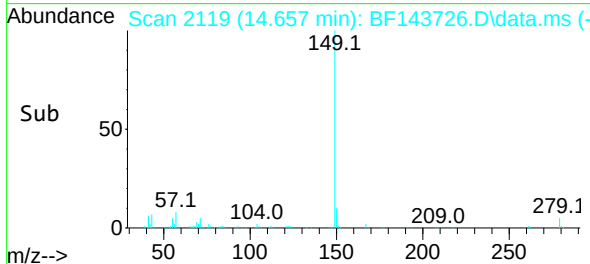
Instrument :
BNA_F
ClientSampleId :
PB169661BS



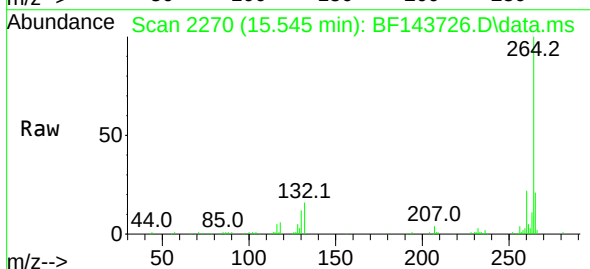
Tgt Ion:149 Resp: 239312
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.6 6.2 9.2

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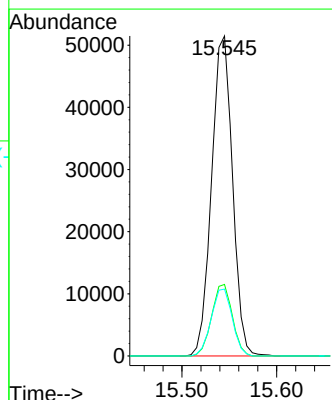
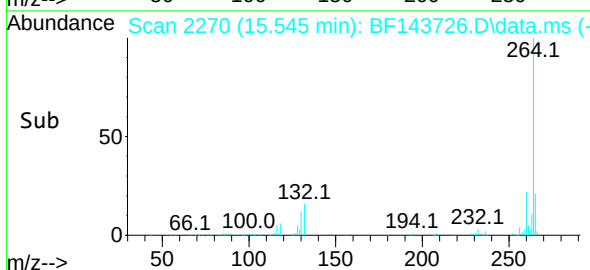
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

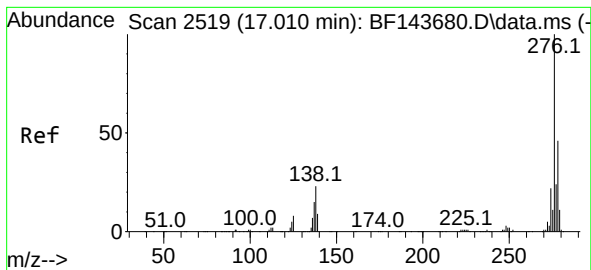


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.029 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:264 Resp: 78937
Ion Ratio Lower Upper
264 100
260 22.4 18.4 27.6
265 20.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.073 ng

RT: 17.045 min Scan# 2196

Delta R.T. 0.035 min

Lab File: BF143726.D

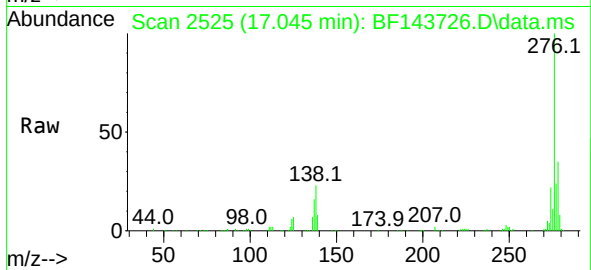
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



Tgt Ion:276 Resp: 253590

Ion Ratio Lower Upper

276 100

138 25.7 19.7 29.5

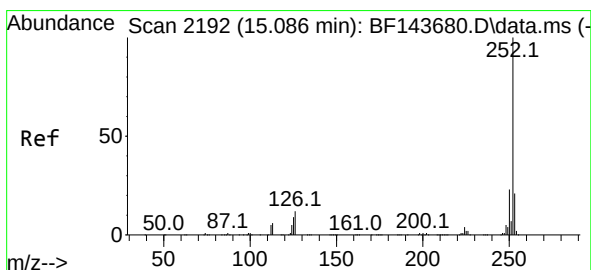
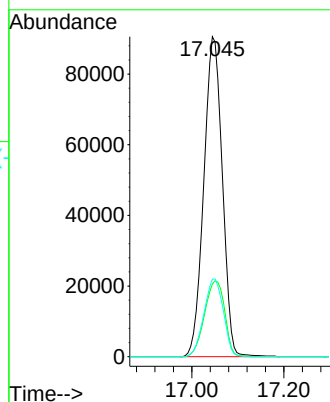
277 25.4 20.2 30.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#88

Benzo(b)fluoranthene

Concen: 45.030 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.023 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

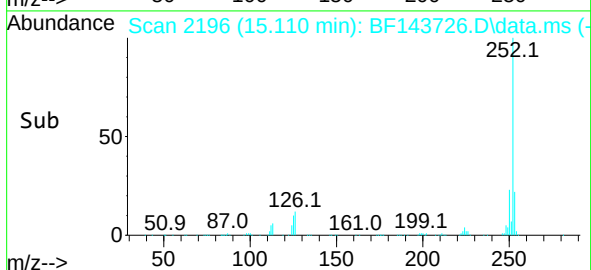
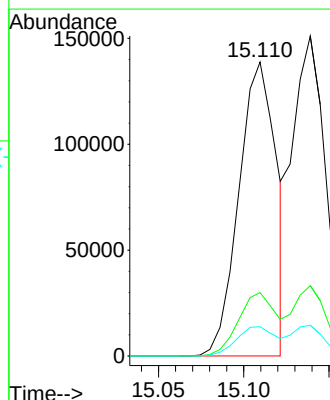
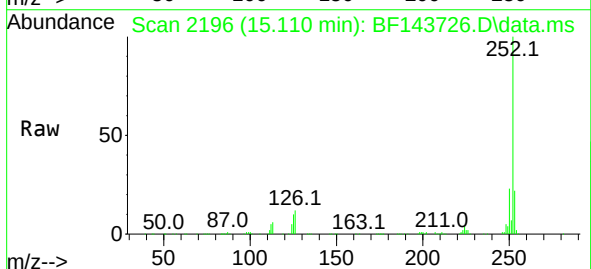
Tgt Ion:252 Resp: 211593

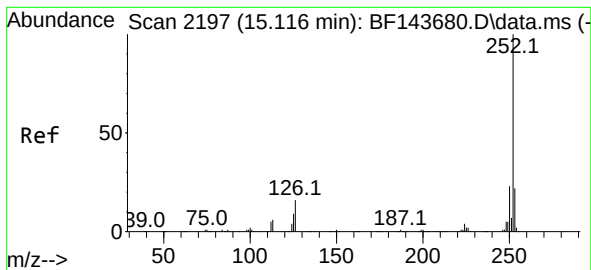
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 10.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.999 ng

RT: 15.139 min Scan# 2197

Delta R.T. 0.023 min

Lab File: BF143726.D

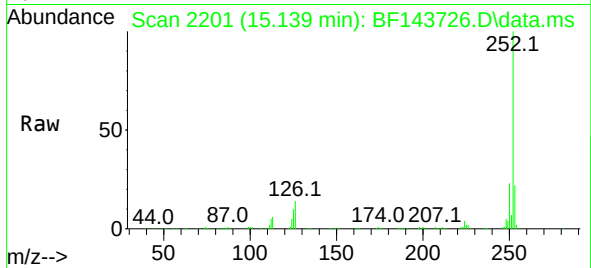
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



Tgt Ion:252 Resp: 20355

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

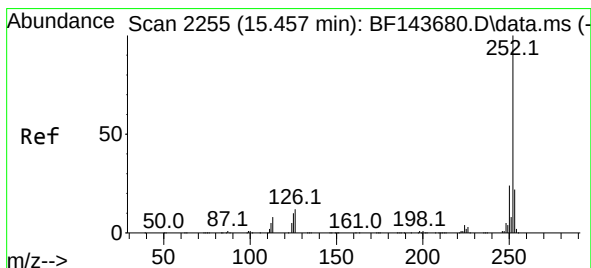
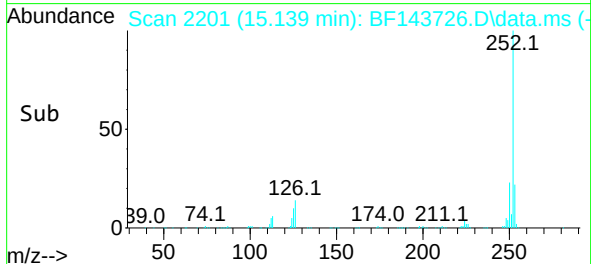
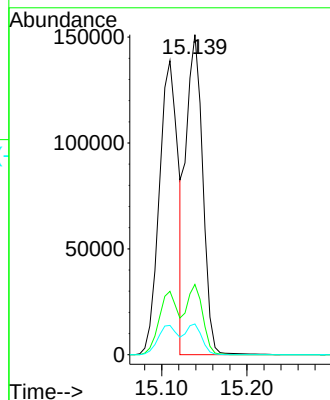
125 9.6 7.3 10.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#90

Benzo(a)pyrene

Concen: 49.619 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.023 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

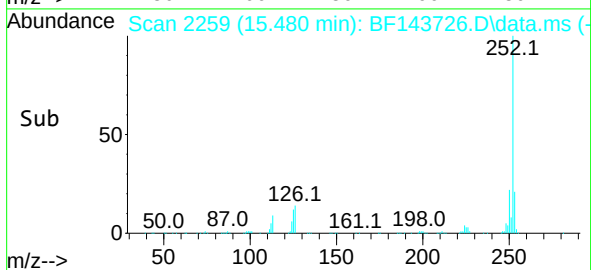
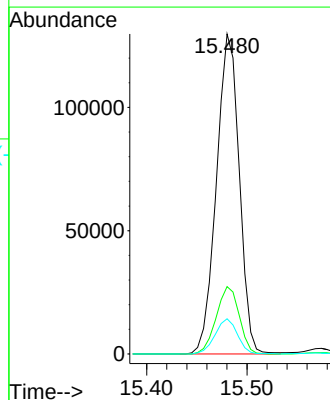
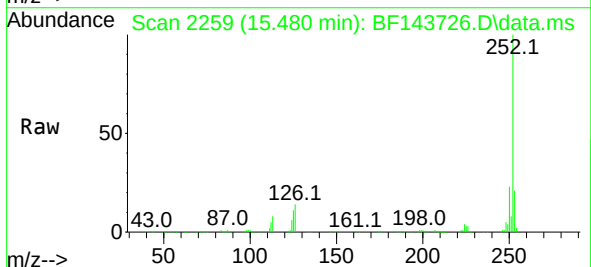
Tgt Ion:252 Resp: 204835

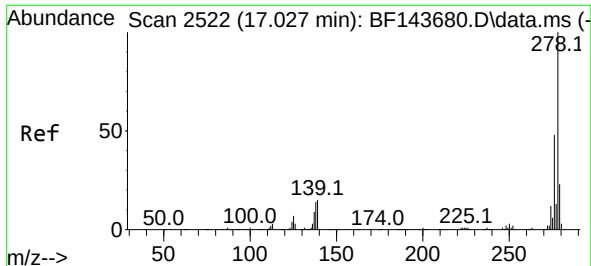
Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

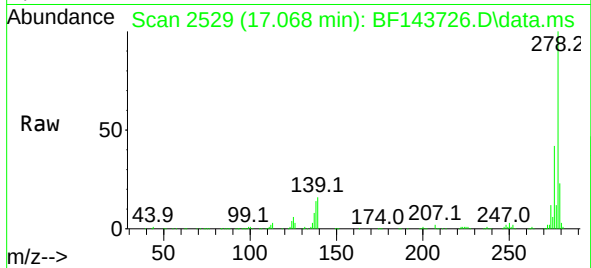
125 11.0 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 47.425 ng
RT: 17.068 min Scan# 211974
Delta R.T. 0.041 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

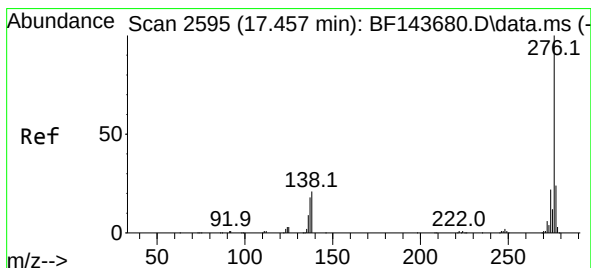
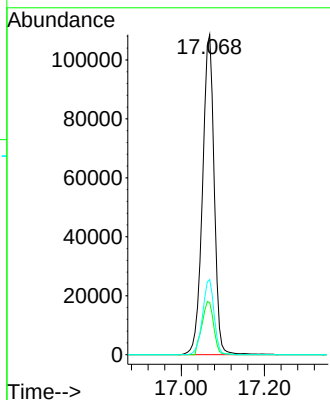
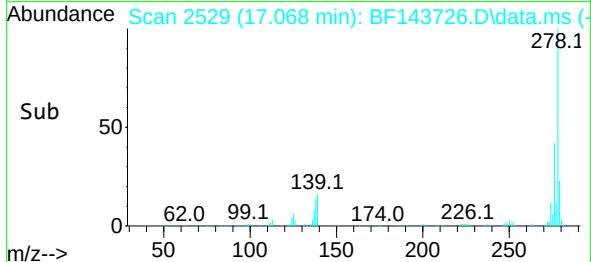
Instrument :
BNA_F
ClientSampleId :
PB169661BS



Tgt Ion:278 Resp: 211974
Ion Ratio Lower Upper
278 100
139 16.3 12.2 18.4
279 23.5 18.7 28.1

Manual Integrations
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Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#92
Benzo(g,h,i)perylene
Concen: 48.370 ng
RT: 17.504 min Scan# 2603
Delta R.T. 0.047 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:276 Resp: 202222
Ion Ratio Lower Upper
276 100
277 22.6 19.2 28.8
138 21.7 17.0 25.4

