

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142727.D
 Acq On : 11 Jun 2025 11:21
 Operator : RC/JU
 Sample : PB168285BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168285BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

Quant Time: Jun 11 11:45:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	75631	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	294551	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	162704	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	278222	20.000	ng	0.00
76) Chrysene-d12	14.068	240	147780	20.000	ng	0.00
86) Perylene-d12	15.562	264	156697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	557674	125.583	ng	0.02
7) Phenol-d6	6.522	99	663936	127.044	ng	0.00
23) Nitrobenzene-d5	7.457	82	418857	77.824	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	230898	129.484	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	933481	76.223	ng	0.00
79) Terphenyl-d14	13.010	244	879635	81.752	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	64643	36.783	ng	100
3) Pyridine	3.516	79	178507	40.510	ng	99
4) n-Nitrosodimethylamine	3.475	42	99969	44.341	ng	98
6) Aniline	6.557	93	222608	31.826	ng	97
8) 2-Chlorophenol	6.675	128	222610	45.872	ng	99
9) Benzaldehyde	6.439	77	104049	32.151	ng	98
10) Phenol	6.539	94	256115	44.090	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	191831	44.212	ng	98
12) 1,3-Dichlorobenzene	6.834	146	238872	43.132	ng	99
13) 1,4-Dichlorobenzene	6.910	146	240362	42.945	ng	99
14) 1,2-Dichlorobenzene	7.063	146	233854	43.588	ng	99
15) Benzyl Alcohol	7.034	79	178579	45.210	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	294148	43.059	ng	92
17) 2-Methylphenol	7.145	107	169079	45.448	ng	99
18) Hexachloroethane	7.404	117	87092	43.420	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	145357	43.690	ng	98
20) 3+4-Methylphenols	7.298	107	213736	45.571	ng	99
22) Acetophenone	7.304	105	289978	44.257	ng	99
24) Nitrobenzene	7.475	77	212823	44.554	ng	99
25) Isophorone	7.716	82	399446	43.834	ng	99
26) 2-Nitrophenol	7.792	139	122967	46.127	ng	99
27) 2,4-Dimethylphenol	7.828	122	205753	45.332	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	250547	44.284	ng	99
29) 2,4-Dichlorophenol	8.033	162	190058	45.374	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	202914	43.839	ng	100
31) Naphthalene	8.198	128	637437	43.758	ng	99
32) Benzoic acid	7.957	122	127508	49.883	ng	98
33) 4-Chloroaniline	8.245	127	83575	14.289	ng	98
34) Hexachlorobutadiene	8.316	225	127185	43.120	ng	98
35) Caprolactam	8.622	113	56567m	50.029	ng	
36) 4-Chloro-3-methylphenol	8.733	107	195715	44.935	ng	100
37) 2-Methylnaphthalene	8.892	142	399320	43.308	ng	98
38) 1-Methylnaphthalene	8.992	142	421083	44.084	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	210701	44.743	ng	99
41) Hexachlorocyclopentadiene	9.045	237	273896	90.621	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	142414	46.719	ng	99

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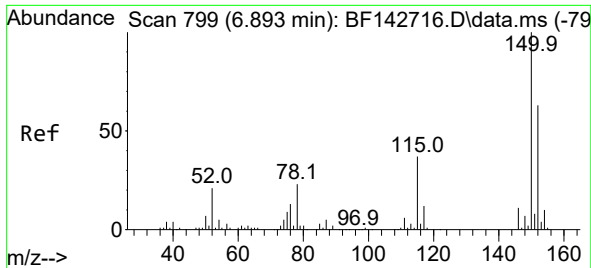
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	147700	44.861	ng	98
46) 1,1'-Biphenyl	9.357	154	559102	44.253	ng	100
47) 2-Chloronaphthalene	9.380	162	412111	44.275	ng	100
48) 2-Nitroaniline	9.475	65	120048	45.346	ng	99
49) Acenaphthylene	9.798	152	701774	44.715	ng	100
50) Dimethylphthalate	9.657	163	497771	45.814	ng	100
51) 2,6-Dinitrotoluene	9.722	165	108743	46.308	ng	97
52) Acenaphthene	9.969	154	489115	50.265	ng	99
53) 3-Nitroaniline	9.886	138	66608	26.152	ng	99
54) 2,4-Dinitrophenol	9.998	184	139520	108.465	ng	91
55) Dibenzofuran	10.145	168	615212	44.398	ng	99
56) 4-Nitrophenol	10.051	139	170781	98.864	ng	96
57) 2,4-Dinitrotoluene	10.127	165	149112	48.027	ng	98
58) Fluorene	10.486	166	480108	43.876	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	127700	46.103	ng	100
60) Diethylphthalate	10.357	149	500364	46.443	ng	100
61) 4-Chlorophenyl-phenyle...	10.474	204	235568	44.082	ng	99
62) 4-Nitroaniline	10.510	138	108265	47.514	ng	99
63) Azobenzene	10.639	77	421629	44.810	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	83683	48.031	ng	96
66) n-Nitrosodiphenylamine	10.598	169	424612	44.399	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	144219	43.914	ng	99
68) Hexachlorobenzene	11.033	284	160594	44.053	ng	99
69) Atrazine	11.121	200	128999	50.593	ng	99
70) Pentachlorophenol	11.233	266	178839	93.589	ng	98
71) Phenanthrene	11.451	178	663039	44.483	ng	100
72) Anthracene	11.504	178	681281	44.184	ng	100
73) Carbazole	11.657	167	590398	45.737	ng	100
74) Di-n-butylphthalate	11.980	149	710586	49.299	ng	100
75) Fluoranthene	12.639	202	647918	45.714	ng	99
77) Benzidine	12.757	184	177445	33.716	ng	99
78) Pyrene	12.868	202	638902	46.522	ng	100
80) Butylbenzylphthalate	13.480	149	204524	50.362	ng	99
81) Benzo(a)anthracene	14.057	228	447930	45.741	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	68073	21.556	ng	97
83) Chrysene	14.098	228	422464	46.725	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	282460	46.345	ng	100
85) Di-n-octyl phthalate	14.657	149	520093	44.480	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	522405	44.988	ng	100
88) Benzo(b)fluoranthene	15.121	252	450291	48.804	ng	99
89) Benzo(k)fluoranthene	15.157	252	394562	44.074	ng	99
90) Benzo(a)pyrene	15.504	252	409410	46.669	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	427909	45.131	ng	100
92) Benzo(g,h,i)perylene	17.545	276	416187	44.141	ng	100

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



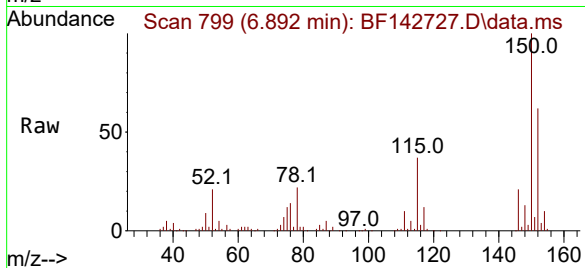
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS



Tgt Ion:152 Resp: 7563
Ion Ratio Lower Upper
152 100
150 160.5 126.9 190.3
115 59.8 47.0 70.6

Manual Integrations
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Reviewed By :Anahy

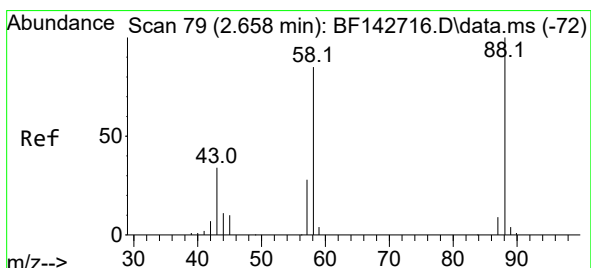
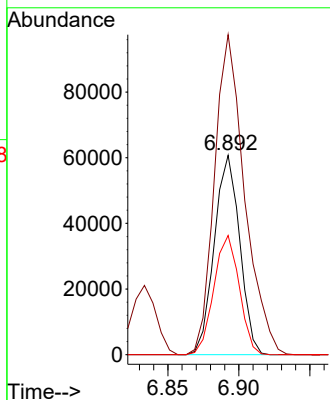
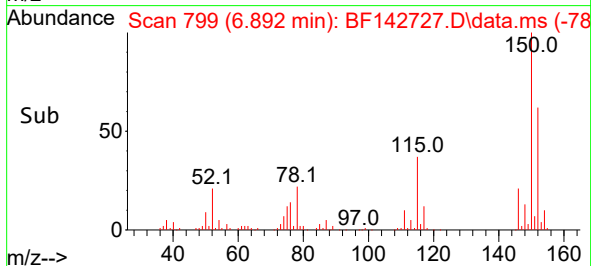
Claudio

06/12/2025

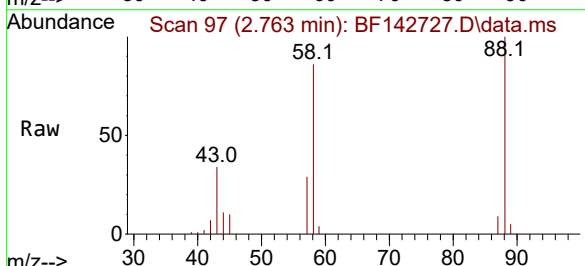
Supervised By :Jagrut

Upadhyay

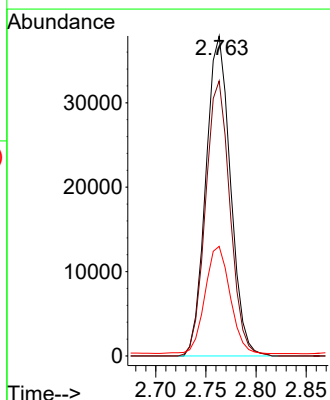
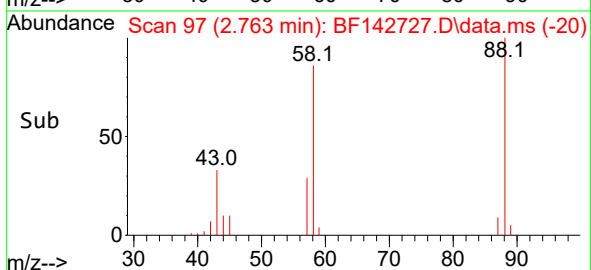
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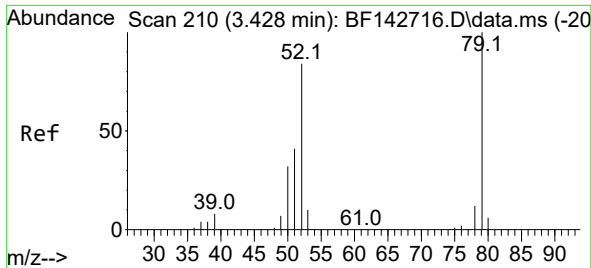


#2
1,4-Dioxane
Concen: 36.783 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.106 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



Tgt Ion: 88 Resp: 64643
Ion Ratio Lower Upper
88 100
58 85.4 68.4 102.6
43 34.2 27.0 40.6





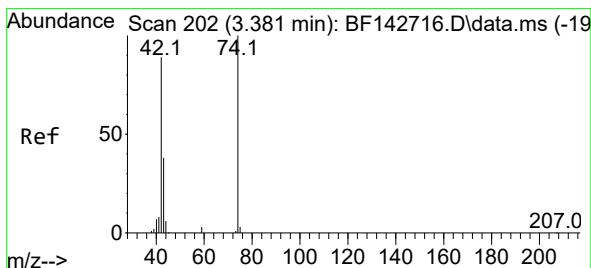
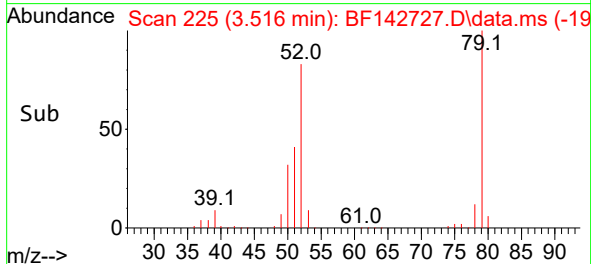
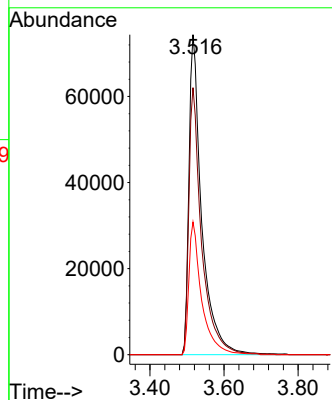
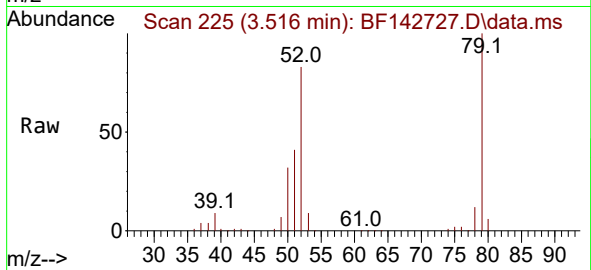
#3
Pyridine
Concen: 40.510 ng
RT: 3.516 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB168285BS

Tgt Ion: 79 Resp: 17850
Ion Ratio Lower Upper
79 100
52 83.4 67.1 100.7
51 41.5 32.6 48.8

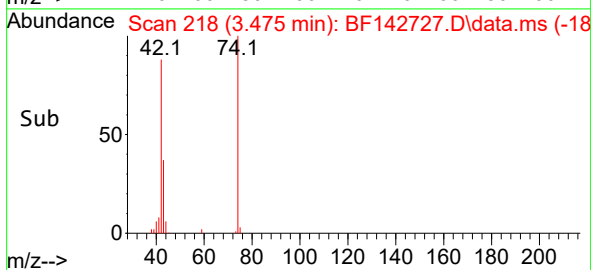
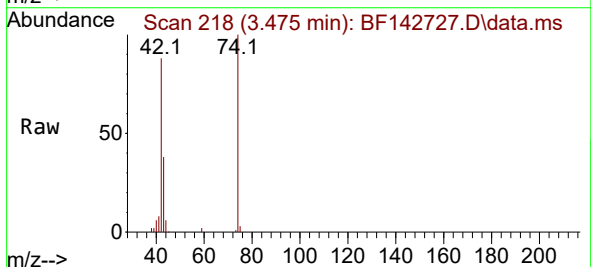
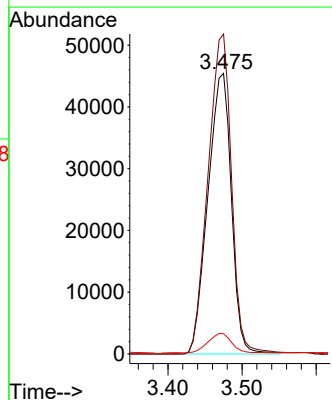
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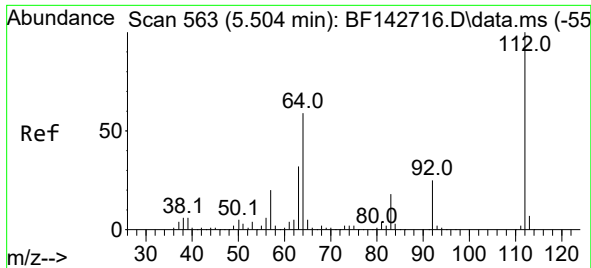
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#4
n-Nitrosodimethylamine
Concen: 44.341 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 42 Resp: 99969
Ion Ratio Lower Upper
42 100
74 114.1 89.6 134.4
44 7.2 5.4 8.2





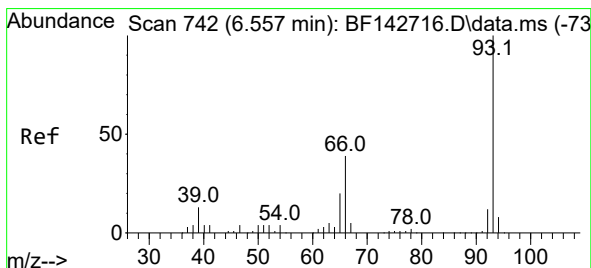
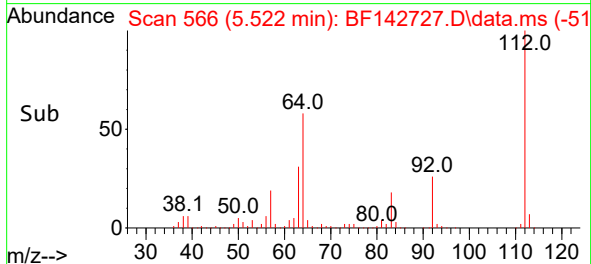
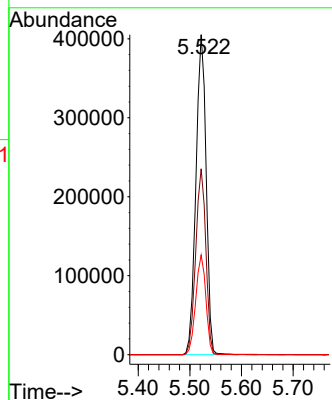
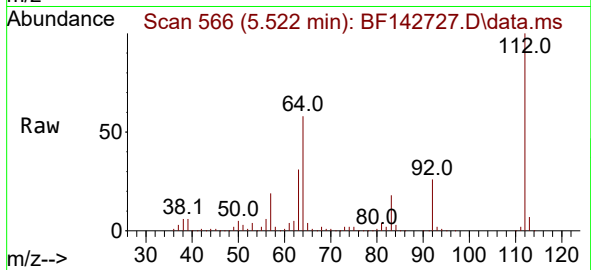
#5
2-Fluorophenol
Concen: 125.583 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :
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ClientSampleId :
PB168285BS

Tgt Ion:112 Resp: 557674
Ion Ratio Lower Upper
112 100
64 58.1 47.4 71.2
63 31.1 25.4 38.0

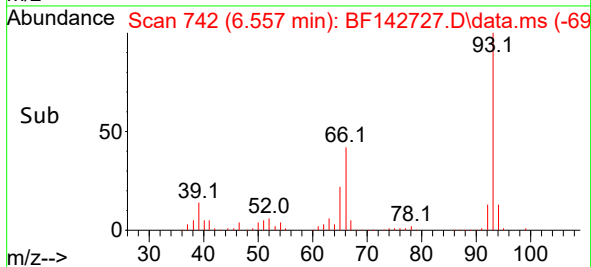
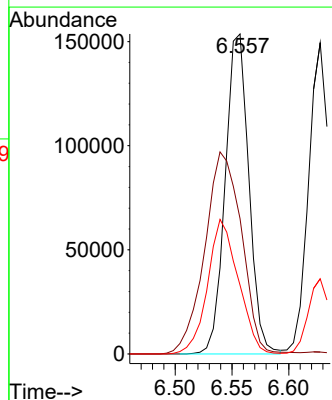
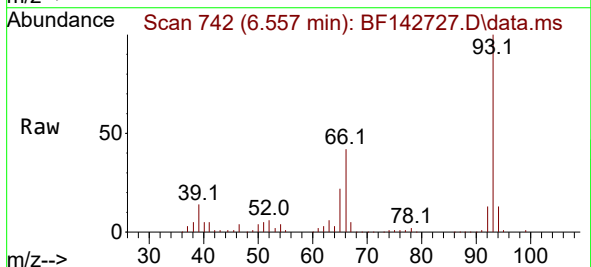
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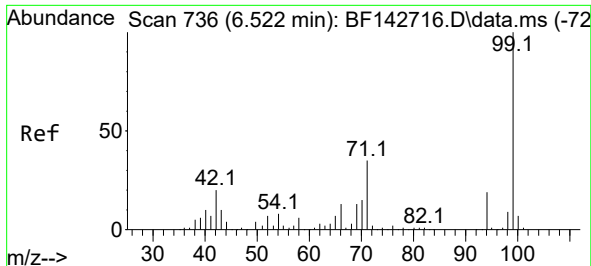
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#6
Aniline
Concen: 31.826 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

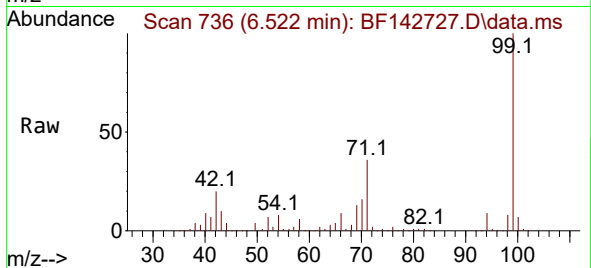
Tgt Ion: 93 Resp: 222608
Ion Ratio Lower Upper
93 100
66 42.3 32.0 48.0
65 21.5 16.1 24.1





#7
Phenol-d6
Concen: 127.044 ng
RT: 6.522 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

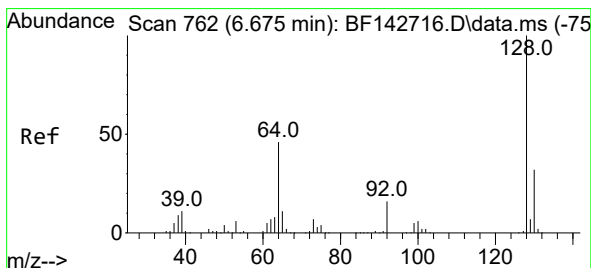
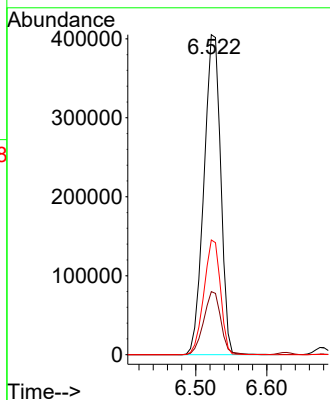
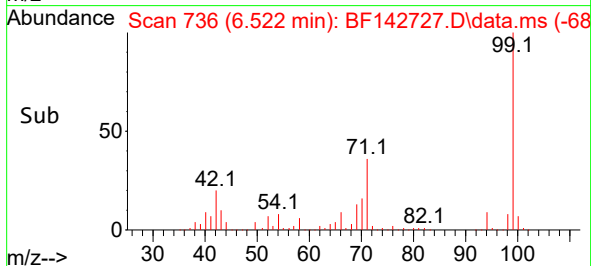
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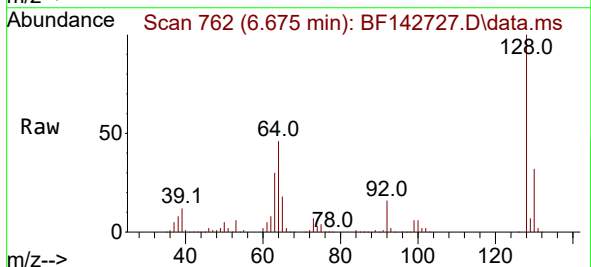
Tgt Ion: 99 Resp: 663930
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.9 28.0 42.0

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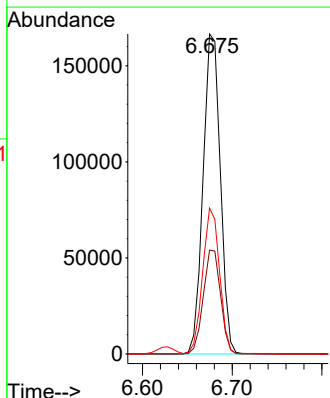
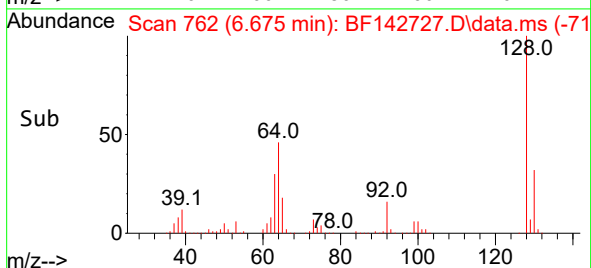
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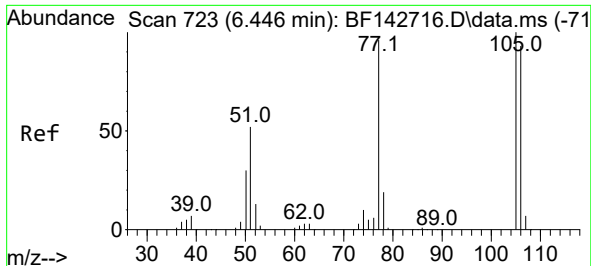


#8
2-Chlorophenol
Concen: 45.872 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



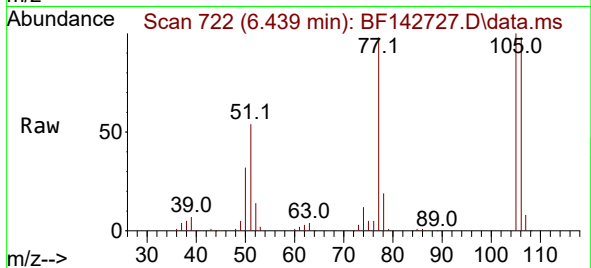
Tgt Ion:128 Resp: 222610
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 45.6 26.5 66.5





#9
Benzaldehyde
Concen: 32.151 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.007 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

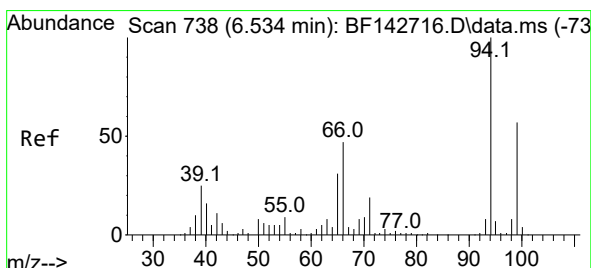
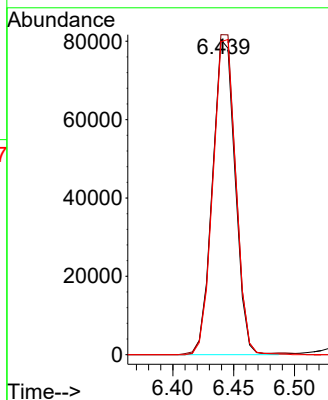
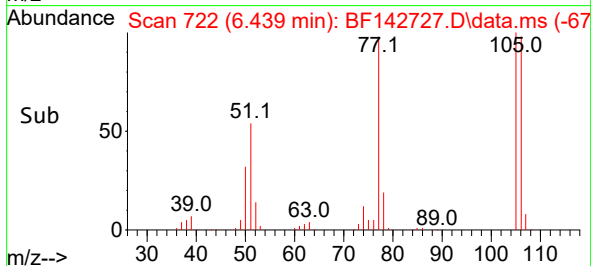
Instrument :
BNA_F
ClientSampleId :
PB168285BS



Tgt Ion: 77 Resp: 104049
Ion Ratio Lower Upper
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105 101.6 84.1 124.1
106 99.3 77.2 117.2

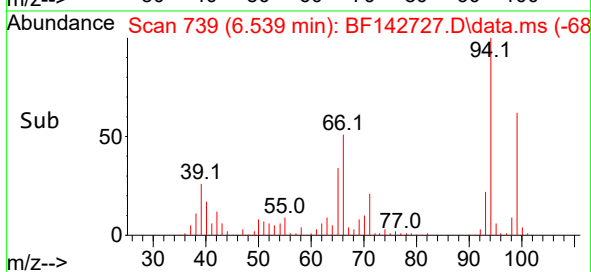
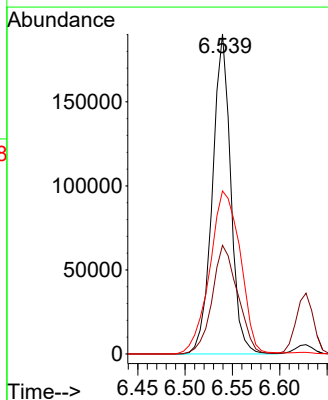
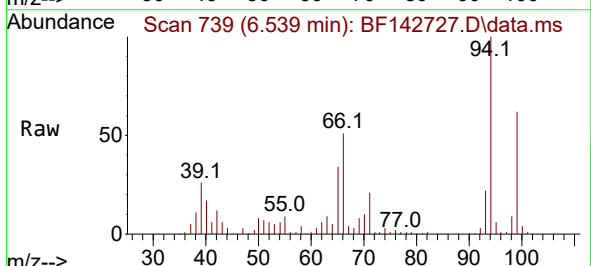
Manual Integrations
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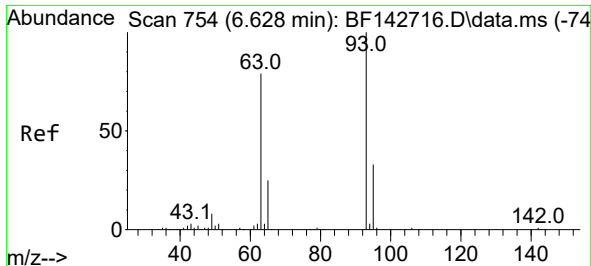
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#10
Phenol
Concen: 44.090 ng
RT: 6.539 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

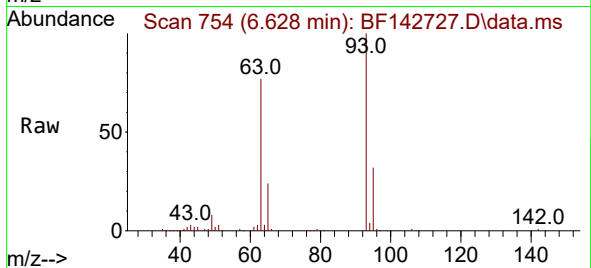
Tgt Ion: 94 Resp: 256115
Ion Ratio Lower Upper
94 100
65 34.0 11.4 51.4
66 51.0 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 44.212 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

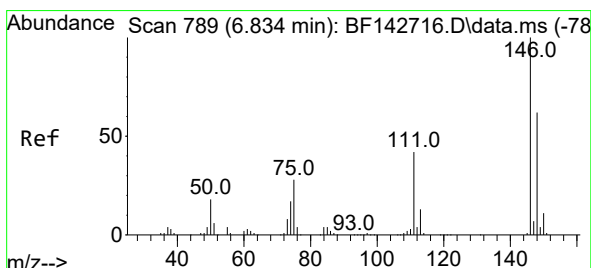
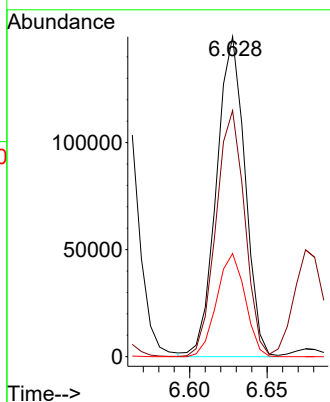
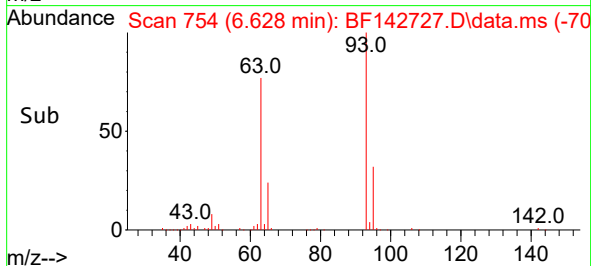
Instrument :
BNA_F
ClientSampleId :
PB168285BS



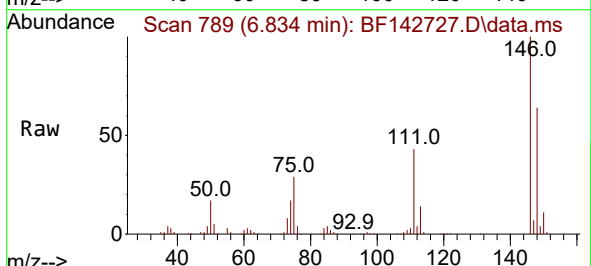
Tgt Ion: 93 Resp: 19183
Ion Ratio Lower Upper
93 100
63 76.9 58.3 98.3
95 32.2 13.1 53.1

Manual Integrations
APPROVED

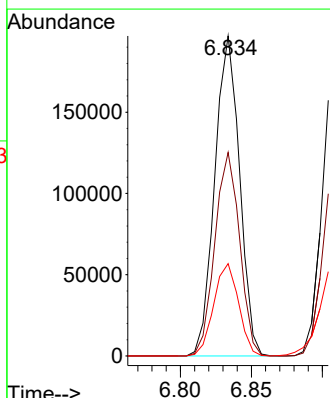
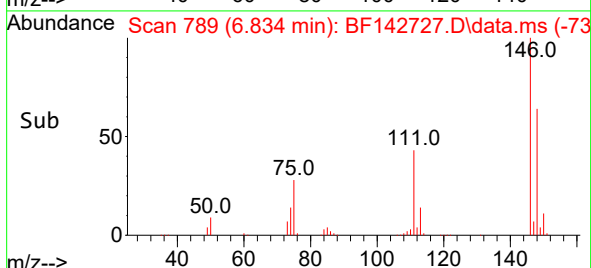
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

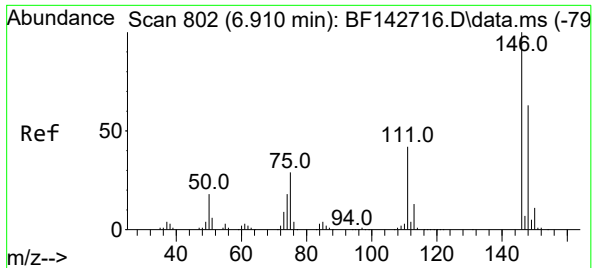


#12
1,3-Dichlorobenzene
Concen: 43.132 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



Tgt Ion:146 Resp: 238872
Ion Ratio Lower Upper
146 100
148 63.6 49.9 74.9
75 28.8 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 42.945 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF142727.D

Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

Tgt Ion:146 Resp: 240362

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

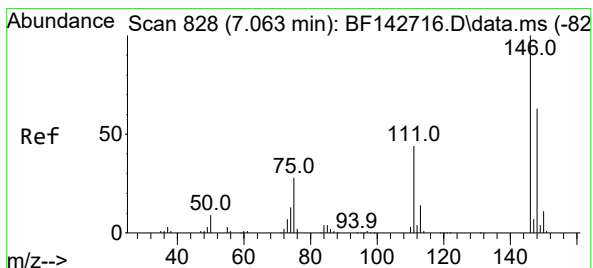
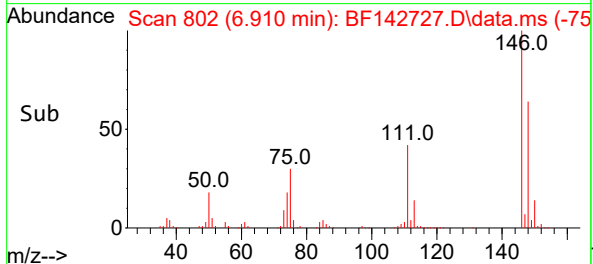
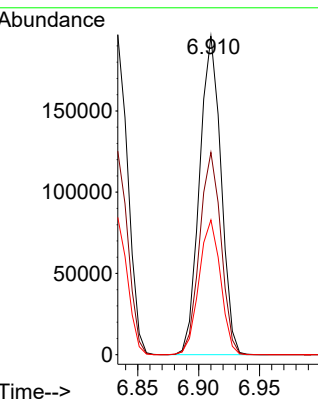
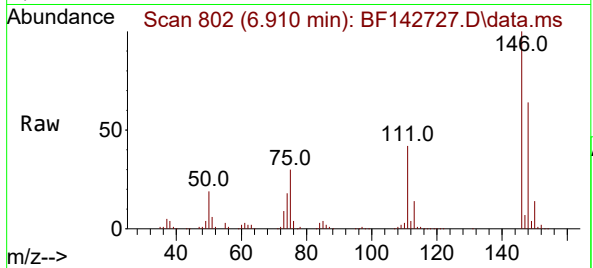
111 42.3 33.6 50.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#14

1,2-Dichlorobenzene

Concen: 43.588 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF142727.D

Acq: 11 Jun 2025 11:21

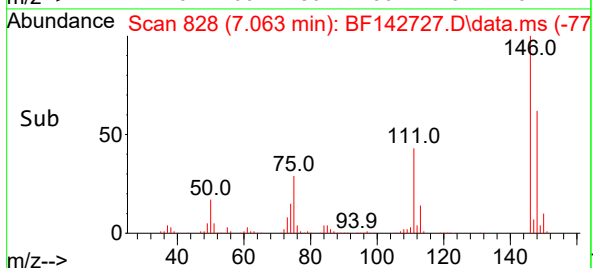
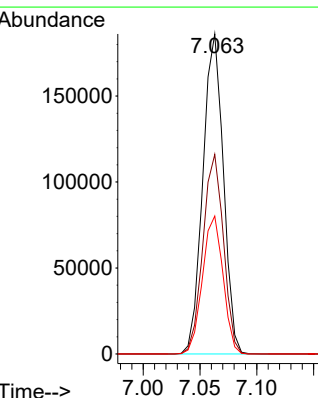
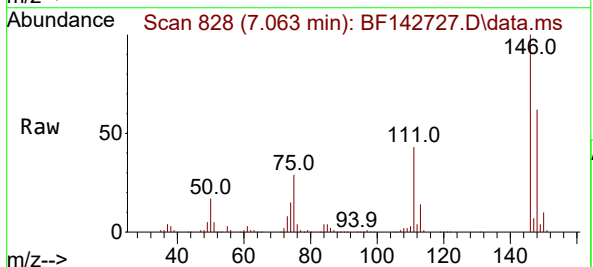
Tgt Ion:146 Resp: 233854

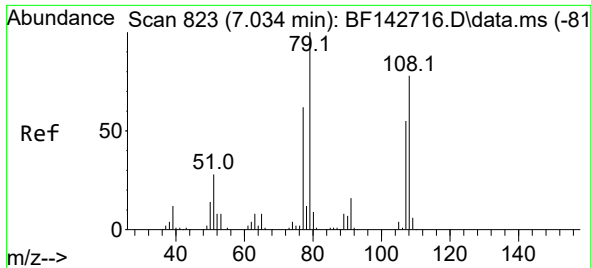
Ion Ratio Lower Upper

146 100

148 62.4 50.4 75.6

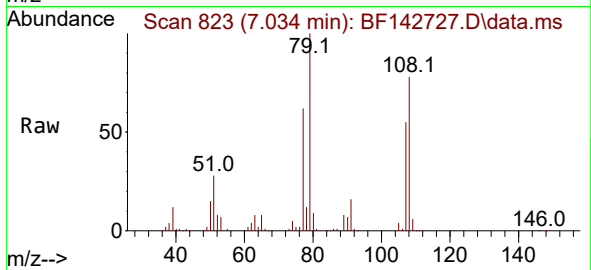
111 43.1 35.2 52.8





#15
Benzyl Alcohol
Concen: 45.210 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

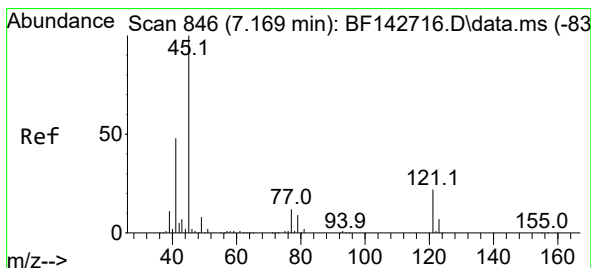
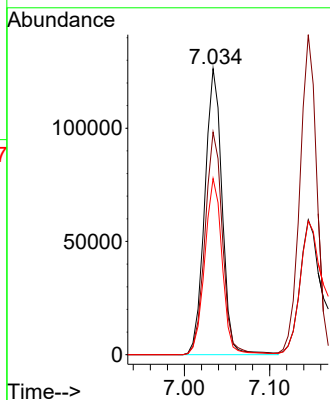
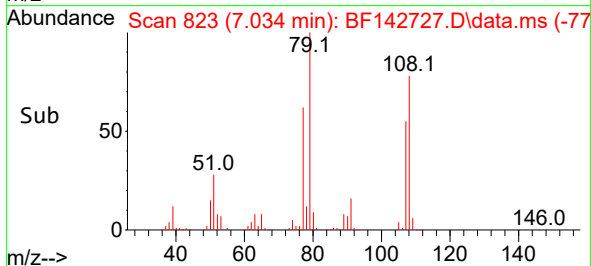
Instrument :
BNA_F
ClientSampleId :
PB168285BS



Tgt Ion: 79 Resp: 178579
Ion Ratio Lower Upper
79 100
108 77.8 62.6 94.0
77 61.6 49.8 74.8

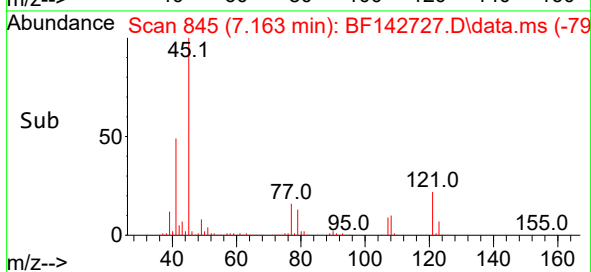
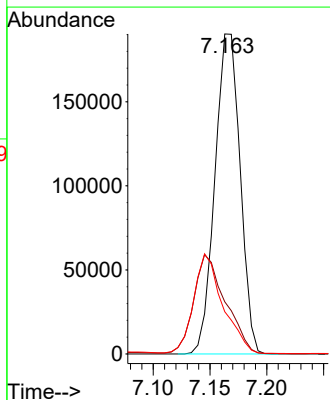
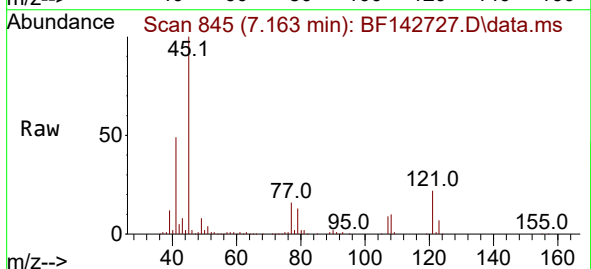
Manual Integrations
APPROVED

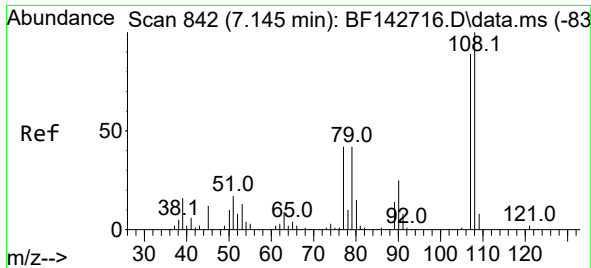
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.059 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 45 Resp: 294148
Ion Ratio Lower Upper
45 100
77 16.3 0.0 33.1
79 13.2 0.0 30.5





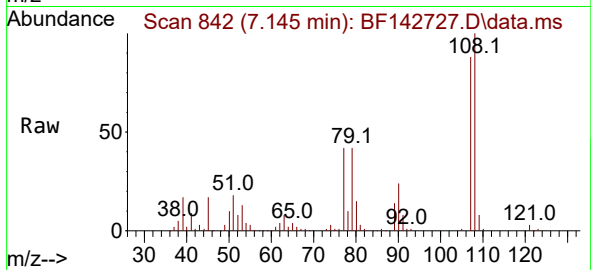
#17
2-Methylphenol
Concen: 45.448 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

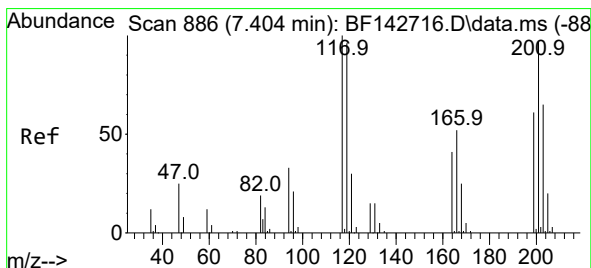
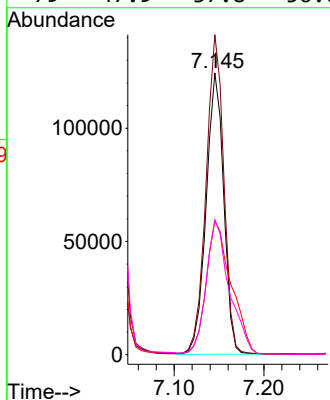
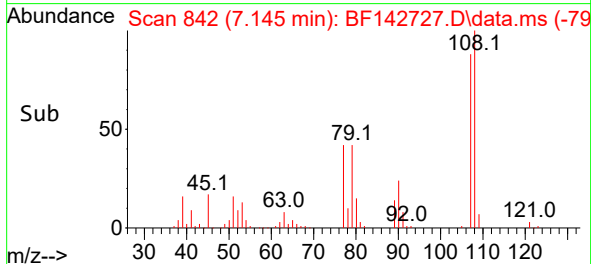


Tgt Ion:107 Resp: 169079
Ion Ratio Lower Upper
107 100
108 113.6 90.0 135.0
77 47.5 38.2 57.2
79 47.9 37.8 56.6

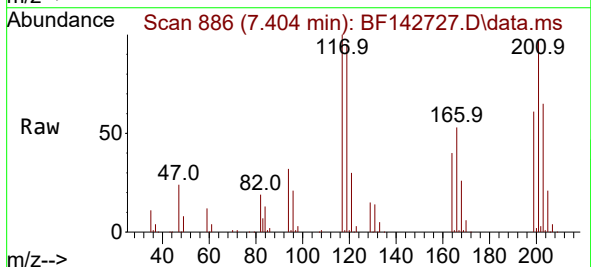
Manual Integrations

APPROVED

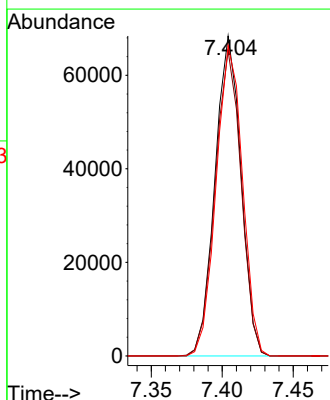
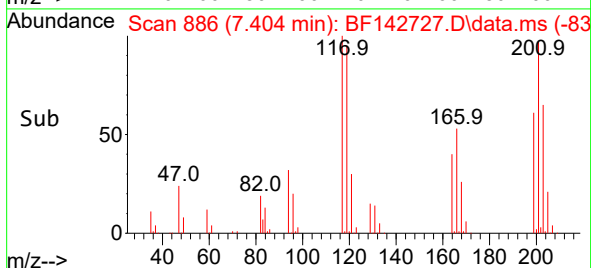
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

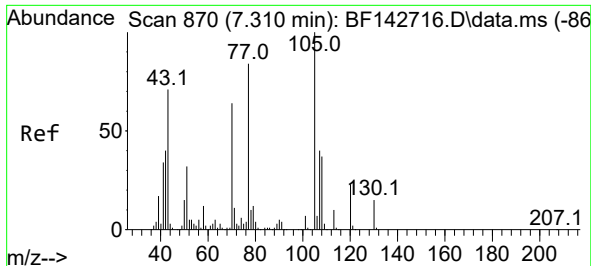


#18
Hexachloroethane
Concen: 43.420 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



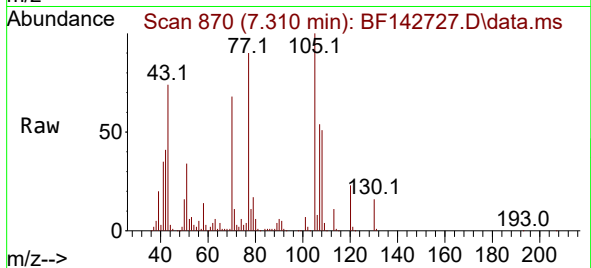
Tgt Ion:117 Resp: 87092
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
201 97.0 77.8 116.6





#19
n-Nitroso-di-n-propylamine
Concen: 43.690 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

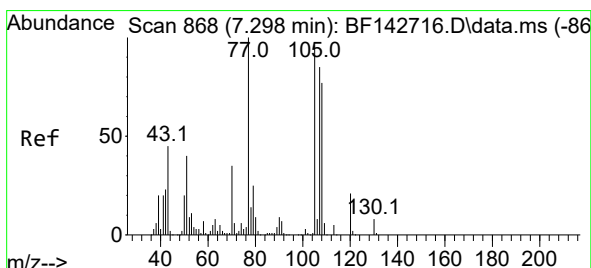
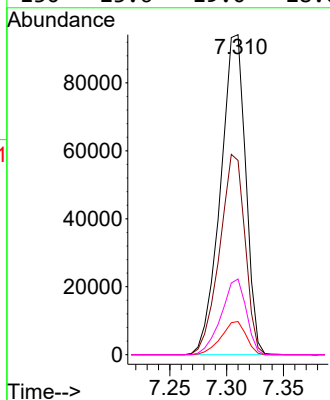
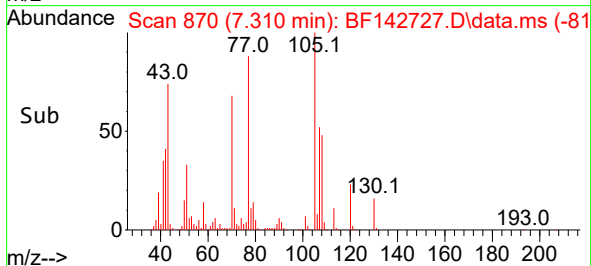
Instrument :
BNA_F
ClientSampleId :
PB168285BS



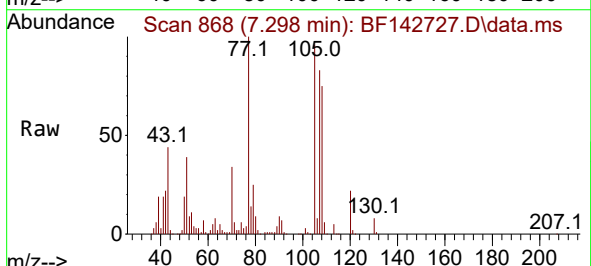
Tgt Ion: 70 Resp: 14535
Ion Ratio Lower Upper
70 100
42 60.7 50.2 75.4
101 10.4 8.3 12.5
130 23.6 19.0 28.6

Manual Integrations
APPROVED

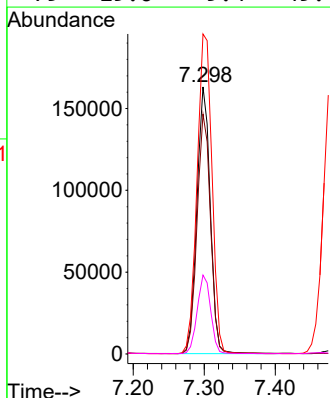
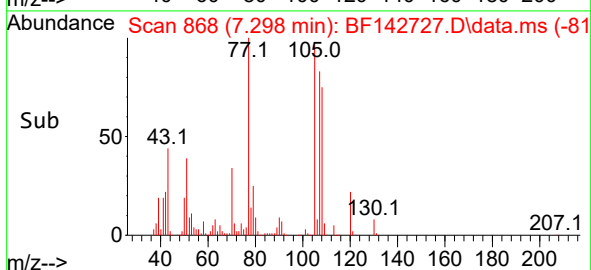
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

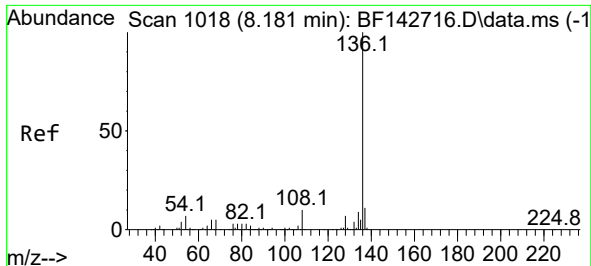


#20
3+4-Methylphenols
Concen: 45.571 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



Tgt Ion:107 Resp: 213736
Ion Ratio Lower Upper
107 100
108 89.8 69.9 109.9
77 119.8 97.4 137.4
79 29.6 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

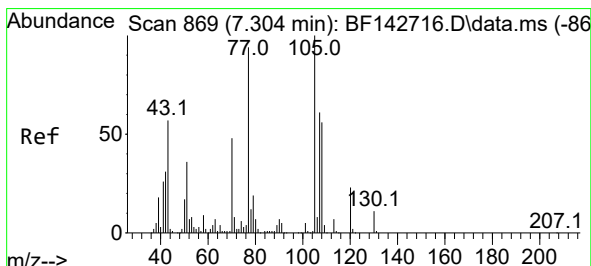
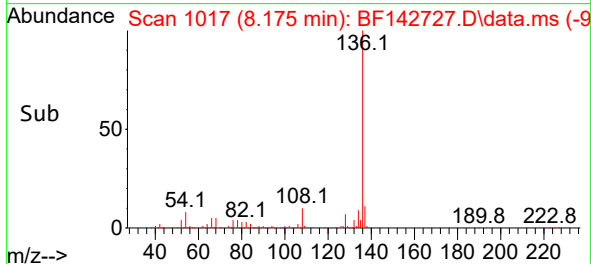
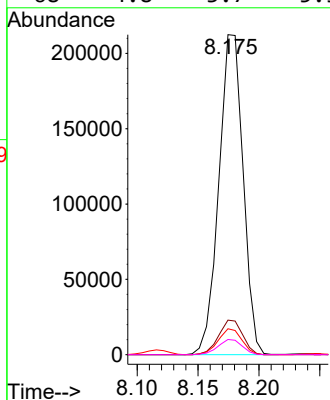
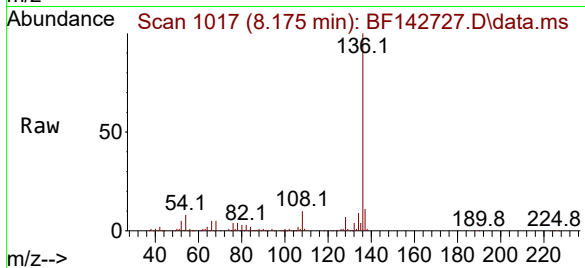
PB168285BS

Tgt Ion:136 Resp: 29455
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.1 5.9 8.9
68 4.8 3.7 5.5

Manual Integrations

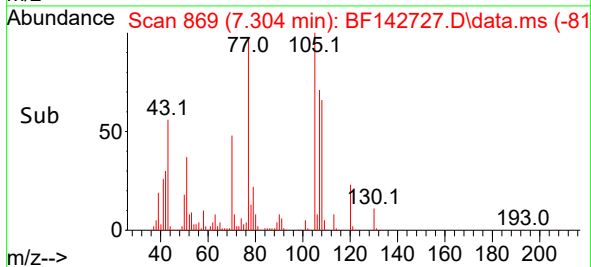
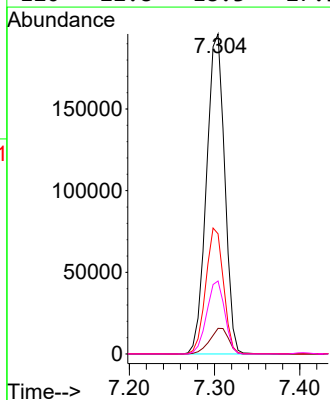
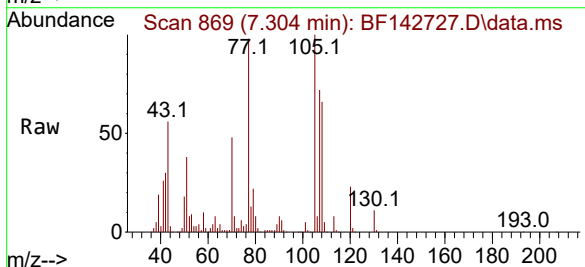
APPROVED

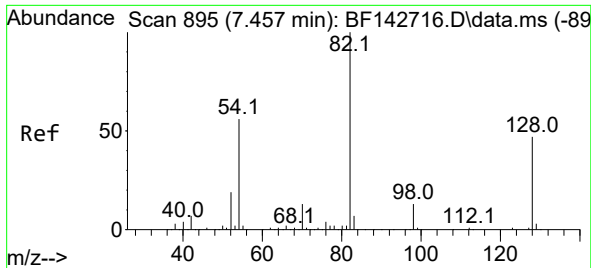
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#22
Acetophenone
Concen: 44.257 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:105 Resp: 289978
Ion Ratio Lower Upper
105 100
71 8.0 6.4 9.6
51 37.6 29.1 43.7
120 22.8 18.3 27.5





#23

Nitrobenzene-d5

Concen: 77.824 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF142727.D

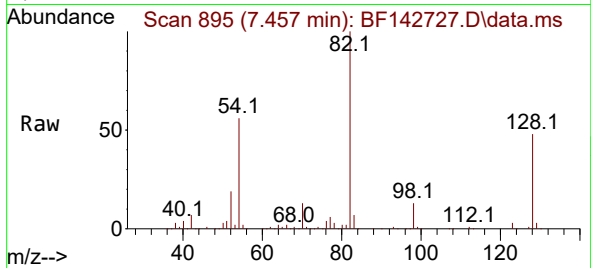
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS



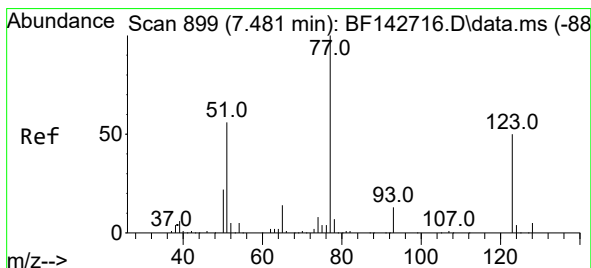
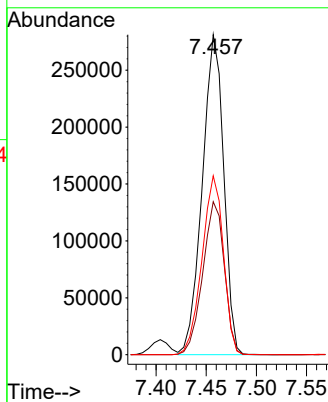
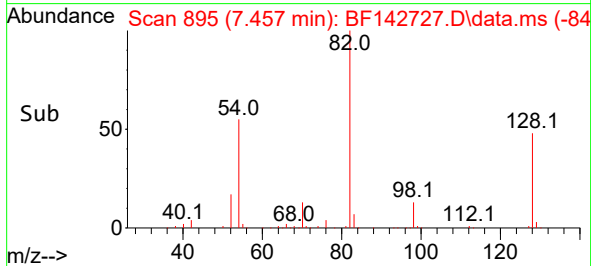
Tgt Ion: 82 Resp: 41885

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.8	56.8
54	55.9	44.9	67.3

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#24

Nitrobenzene

Concen: 44.554 ng

RT: 7.475 min Scan# 898

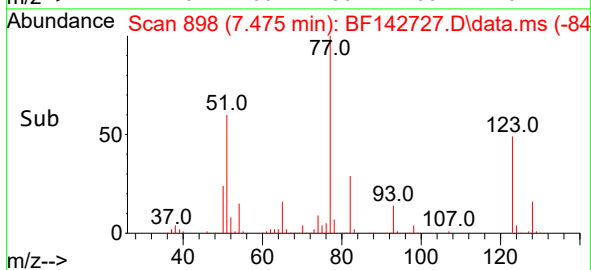
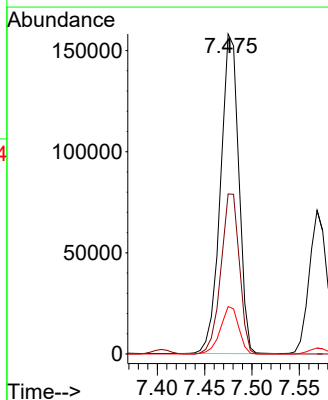
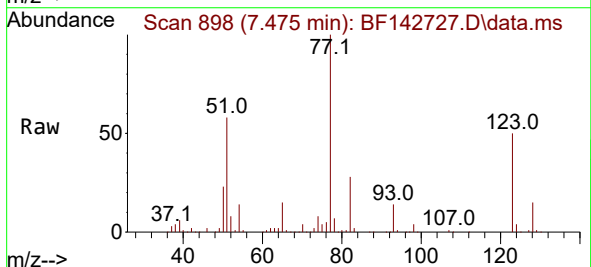
Delta R.T. -0.006 min

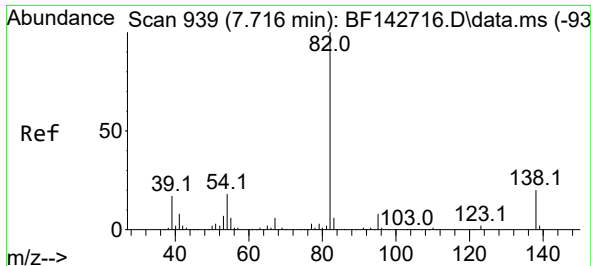
Lab File: BF142727.D

Acq: 11 Jun 2025 11:21

Tgt Ion: 77 Resp: 212823

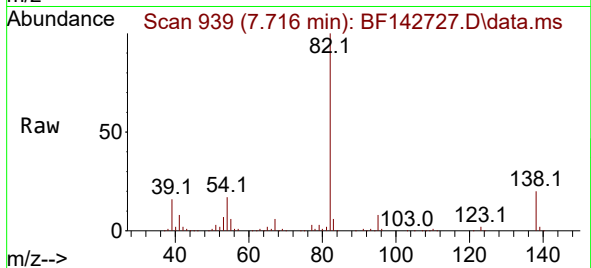
Ion	Ratio	Lower	Upper
77	100		
123	50.0	40.8	61.2
65	14.8	11.5	17.3





#25
Isophorone
Concen: 43.834 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

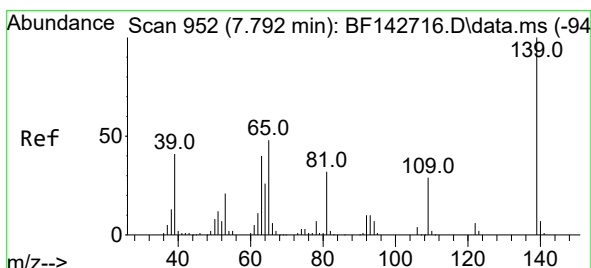
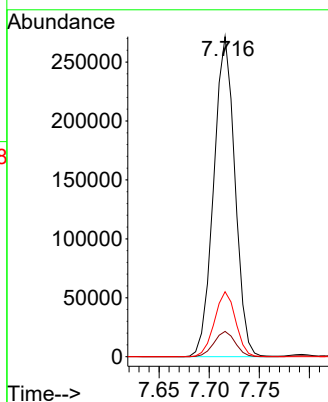
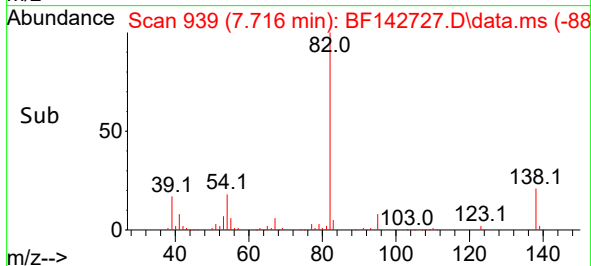
Instrument :
BNA_F
ClientSampleId :
PB168285BS



Tgt Ion: 82 Resp: 399440
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 20.3 15.8 23.6

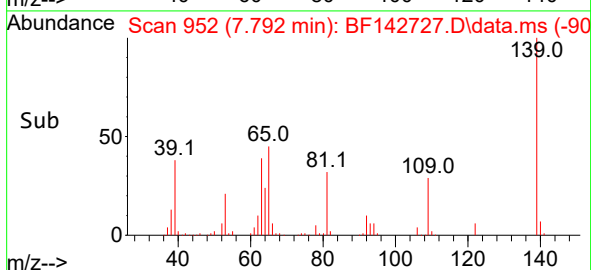
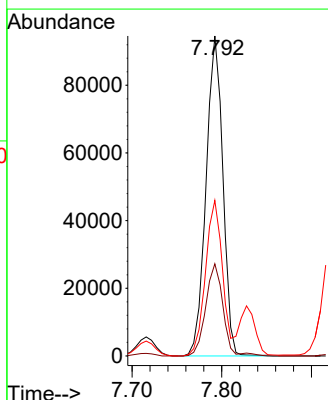
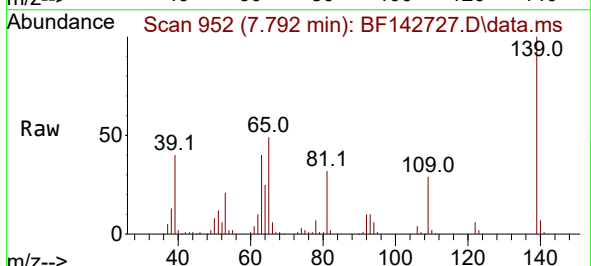
Manual Integrations
APPROVED

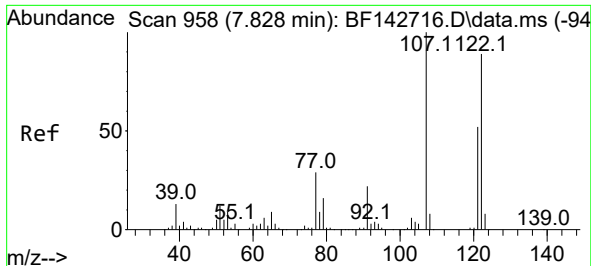
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#26
2-Nitrophenol
Concen: 46.127 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:139 Resp: 122967
Ion Ratio Lower Upper
139 100
109 28.8 23.4 35.2
65 48.6 38.7 58.1





#27
2,4-Dimethylphenol
Concen: 45.332 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

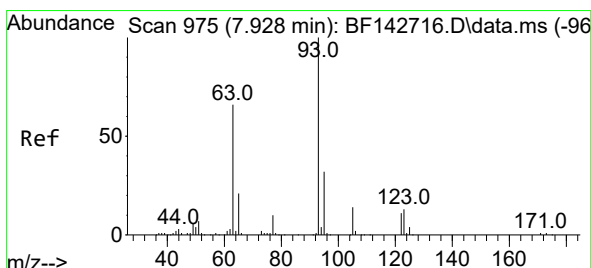
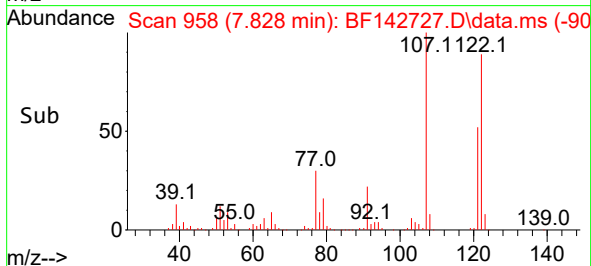
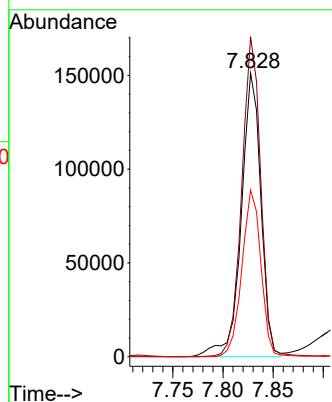
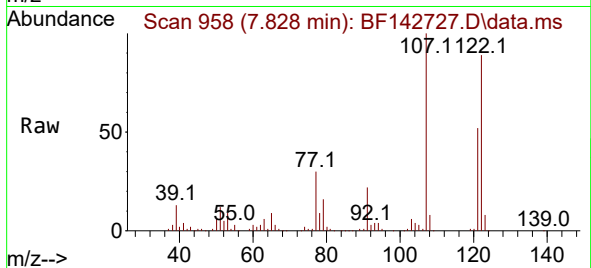
PB168285BS

Tgt Ion:122 Resp: 20575
Ion Ratio Lower Upper
122 100
107 112.8 90.4 135.6
121 58.7 46.9 70.3

Manual Integrations

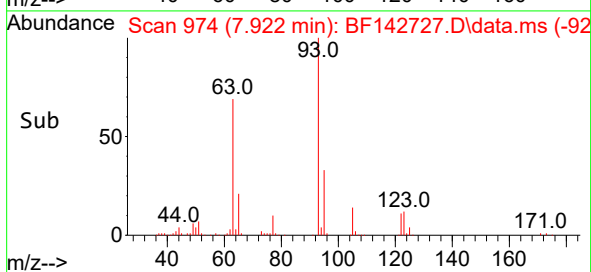
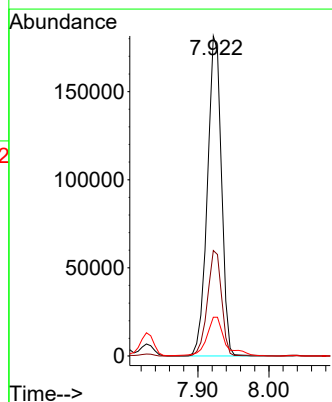
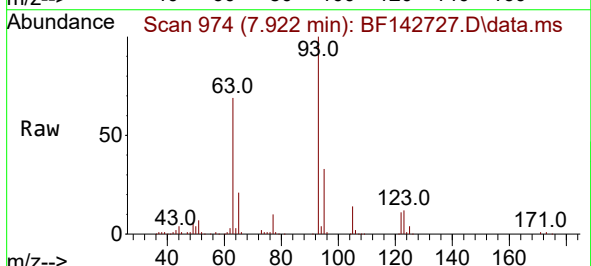
APPROVED

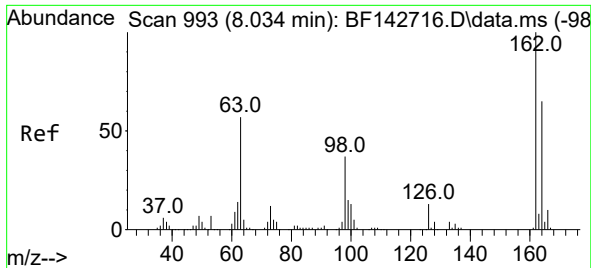
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.284 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion: 93 Resp: 250547
Ion Ratio Lower Upper
93 100
95 33.0 25.9 38.9
123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 45.374 ng

RT: 8.033 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF142727.D

Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

Tgt Ion:162 Resp: 190058

Ion Ratio Lower Upper

162 100

164 64.5 45.1 85.1

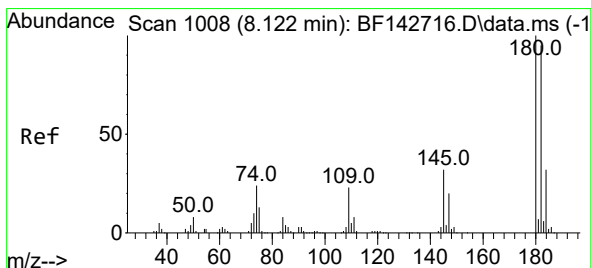
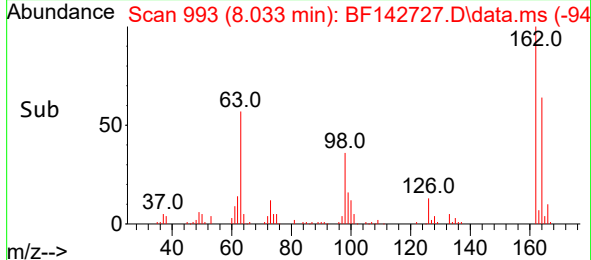
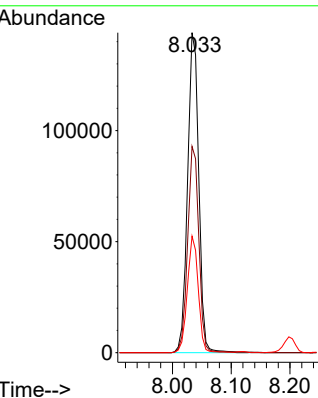
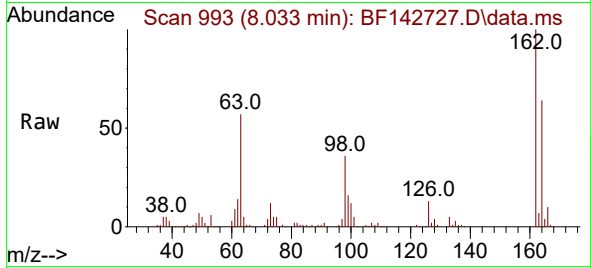
98 36.4 16.7 56.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.839 ng

RT: 8.116 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142727.D

Acq: 11 Jun 2025 11:21

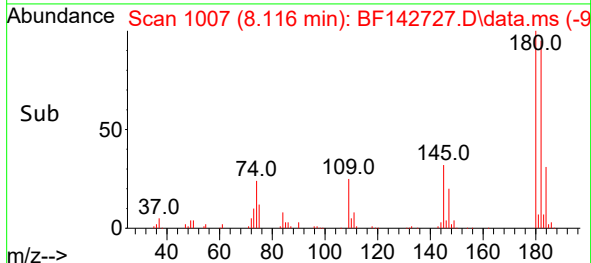
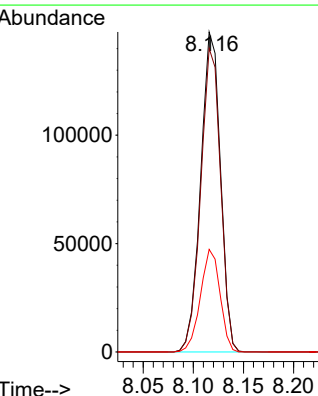
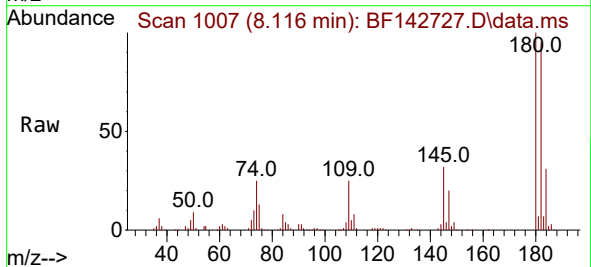
Tgt Ion:180 Resp: 202914

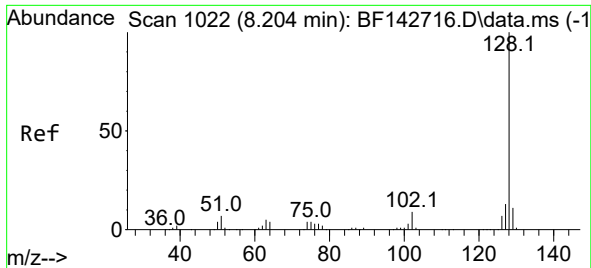
Ion Ratio Lower Upper

180 100

182 94.8 75.9 113.9

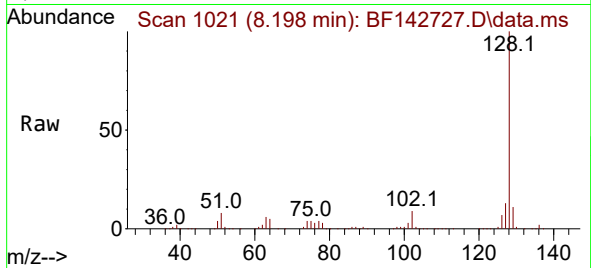
145 32.1 25.7 38.5





#31
Naphthalene
Concen: 43.758 ng
RT: 8.198 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

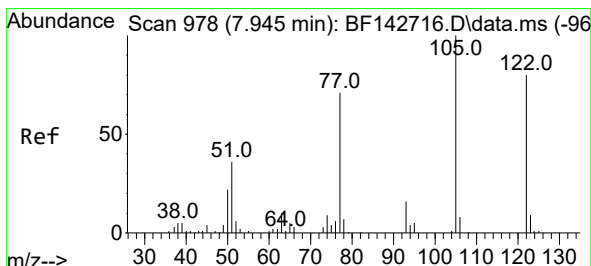
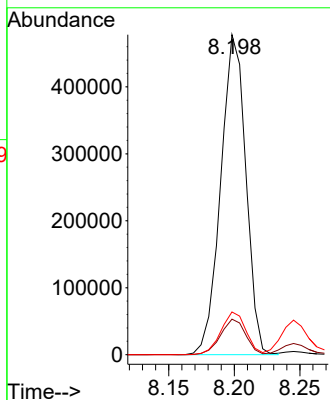
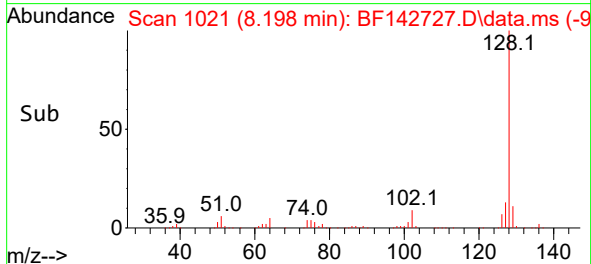
Instrument :
BNA_F
ClientSampleId :
PB168285BS



Tgt Ion:128 Resp: 63743
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.4 15.6

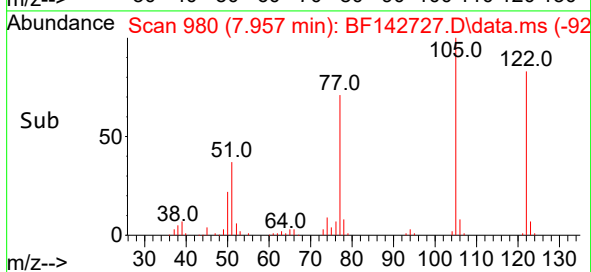
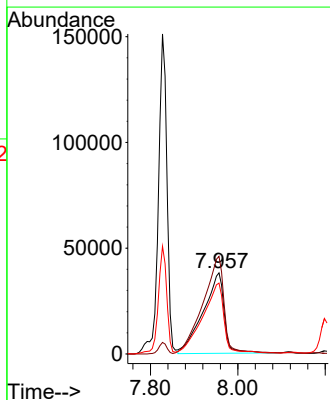
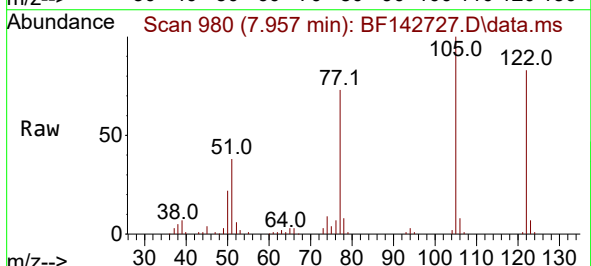
Manual Integrations
APPROVED

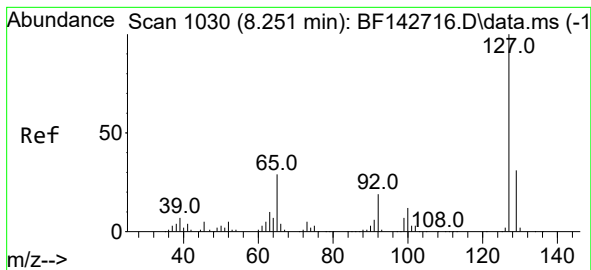
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#32
Benzoic acid
Concen: 49.883 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.012 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:122 Resp: 127508
Ion Ratio Lower Upper
122 100
105 120.3 102.6 142.6
77 87.4 68.2 108.2





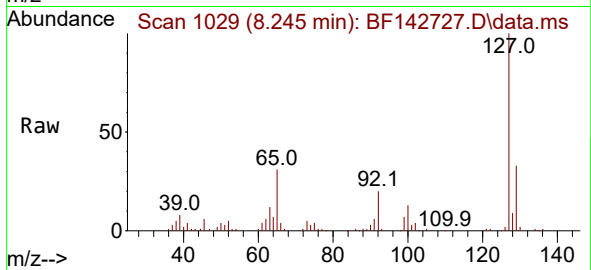
#33
4-Chloroaniline
Concen: 14.289 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

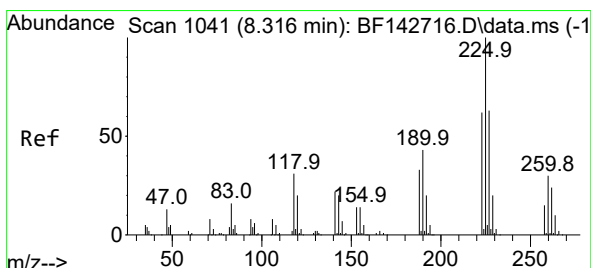
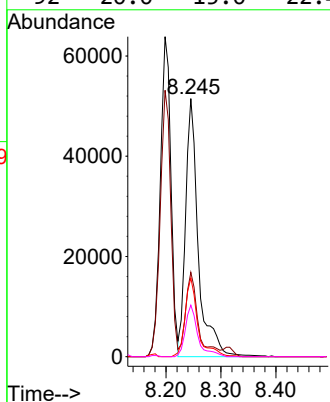
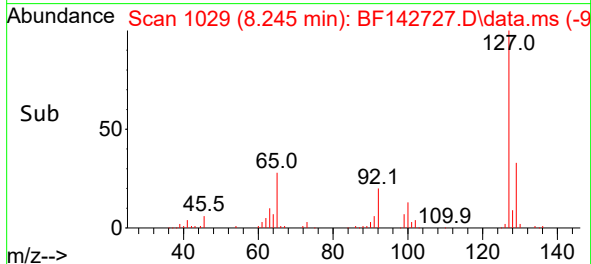


Tgt Ion:127 Resp: 83579
Ion Ratio Lower Upper
127 100
129 32.7 25.6 38.4
65 30.5 23.0 34.4
92 20.0 15.0 22.4

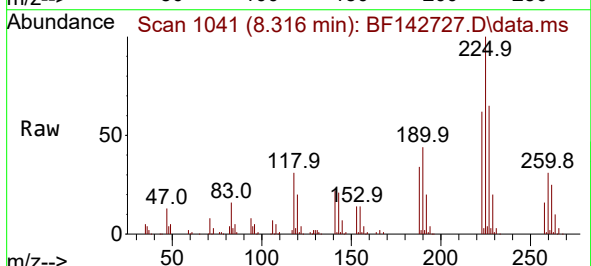
Manual Integrations

APPROVED

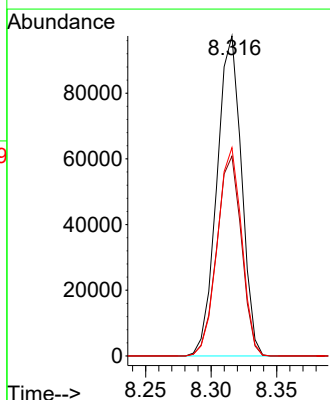
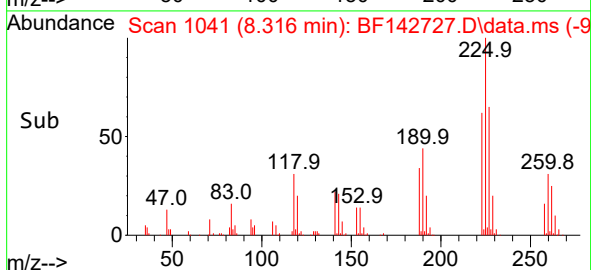
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

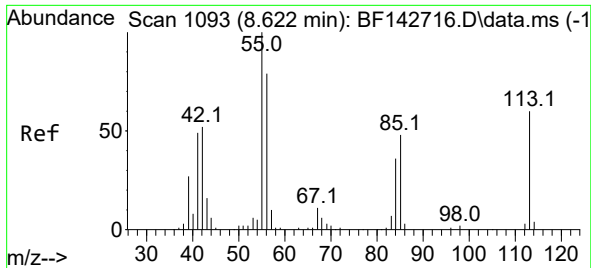


#34
Hexachlorobutadiene
Concen: 43.120 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



Tgt Ion:225 Resp: 127185
Ion Ratio Lower Upper
225 100
223 62.5 49.3 73.9
227 65.1 50.6 75.8





#35
Caprolactam
Concen: 50.029 ng m
RT: 8.622 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

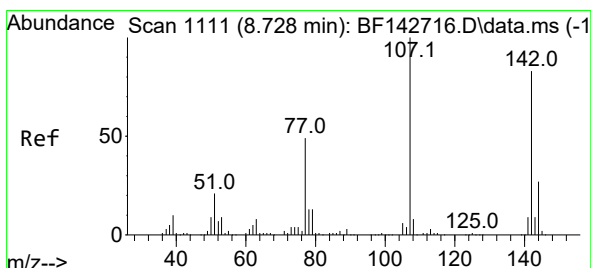
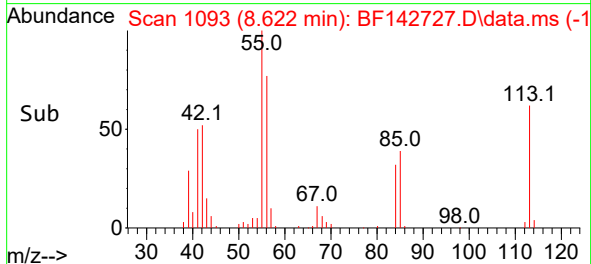
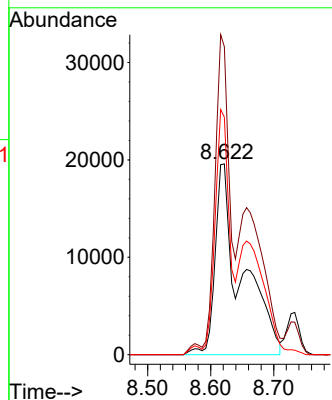
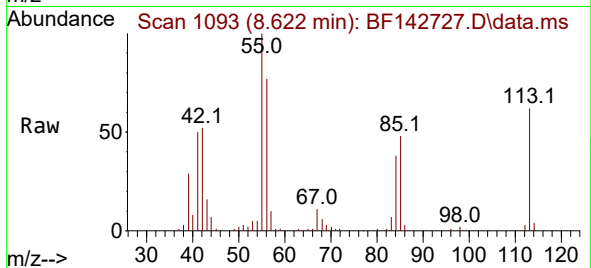
ClientSampleId :

PB168285BS

Tgt Ion:113 Resp: 5656
Ion Ratio Lower Upper
113 100
55 161.5 147.9 187.9
56 124.5 111.9 151.9

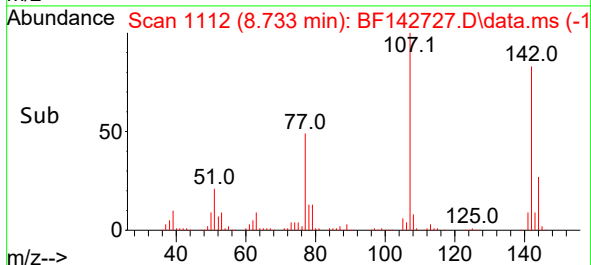
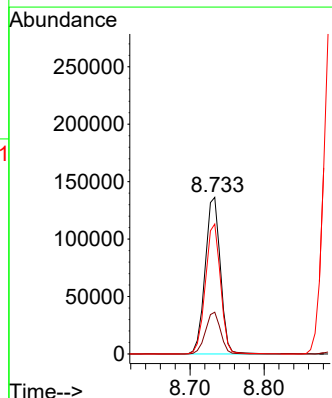
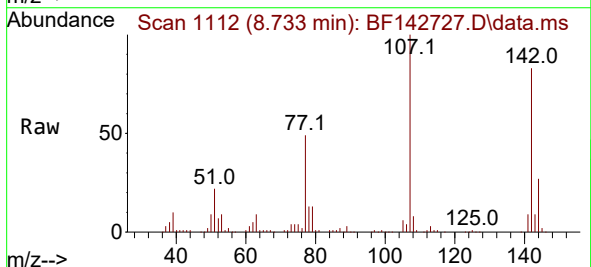
Manual Integrations
APPROVED

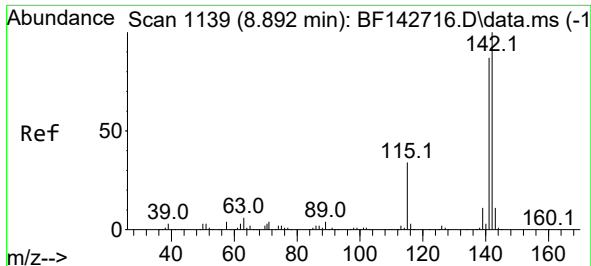
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#36
4-Chloro-3-methylphenol
Concen: 44.935 ng
RT: 8.733 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

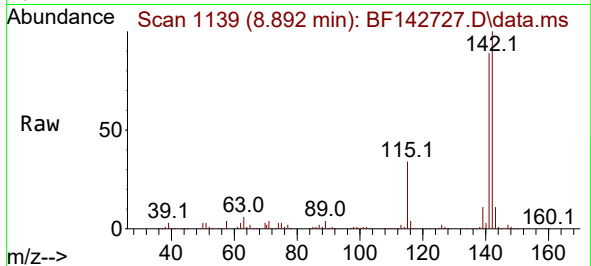
Tgt Ion:107 Resp: 195715
Ion Ratio Lower Upper
107 100
144 26.7 21.3 31.9
142 83.0 66.2 99.2





#37
2-Methylnaphthalene
Concen: 43.308 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

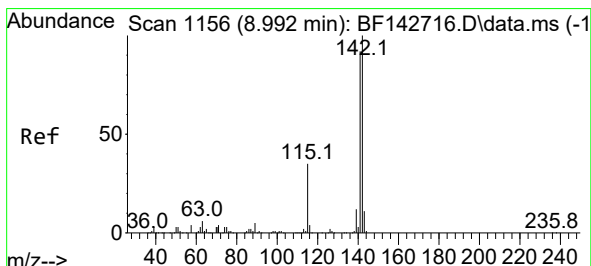
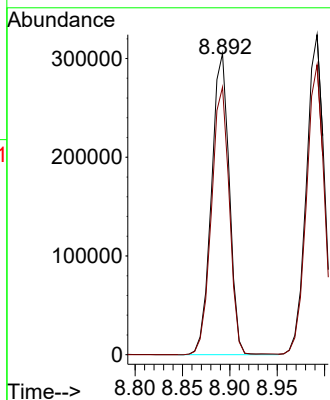
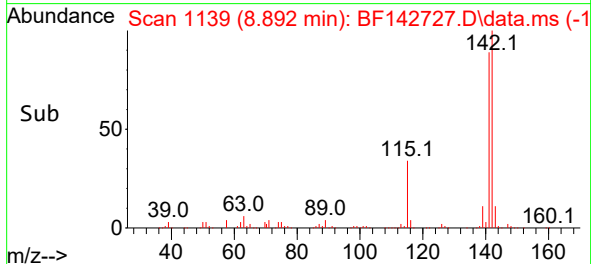
Instrument :
BNA_F
ClientSampleId :
PB168285BS



Tgt Ion:142 Resp: 399320
Ion Ratio Lower Upper
142 100
141 88.8 69.9 104.9

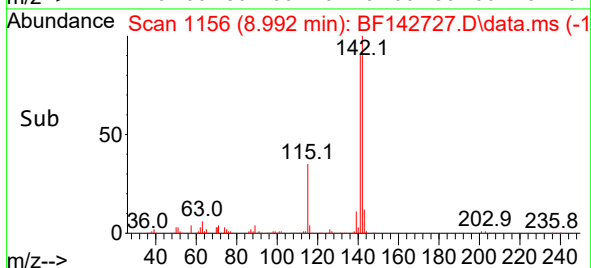
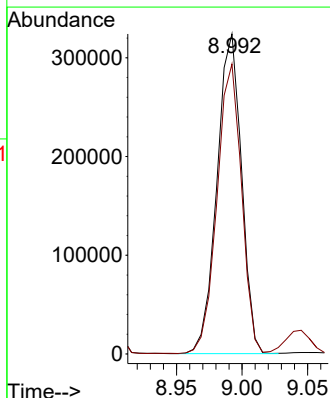
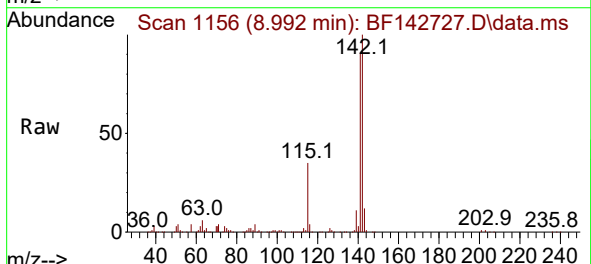
Manual Integrations
APPROVED

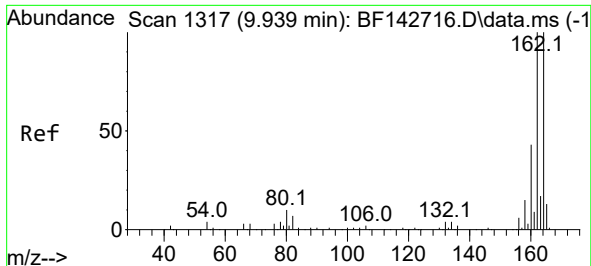
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#38
1-Methylnaphthalene
Concen: 44.084 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:142 Resp: 421083
Ion Ratio Lower Upper
142 100
141 90.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142727.D

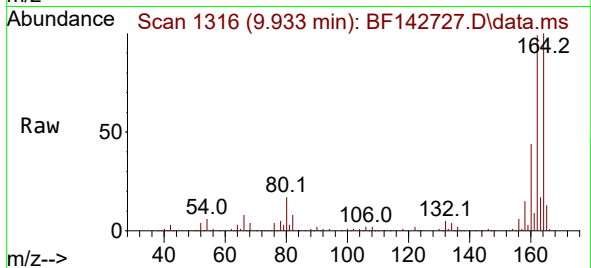
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS



Tgt Ion:164 Resp: 162704

Ion Ratio Lower Upper

164 100

162 99.3 79.9 119.9

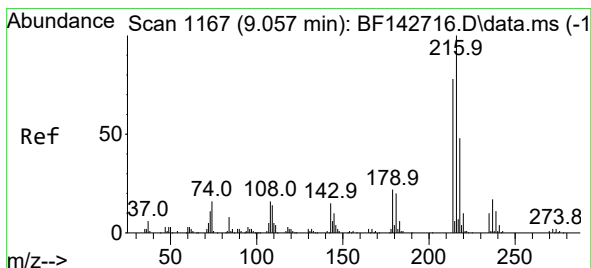
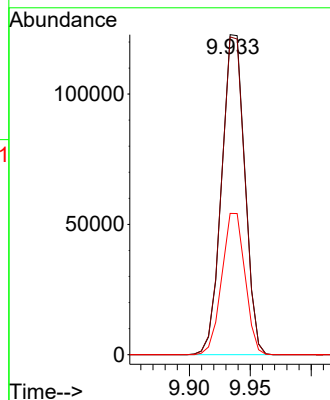
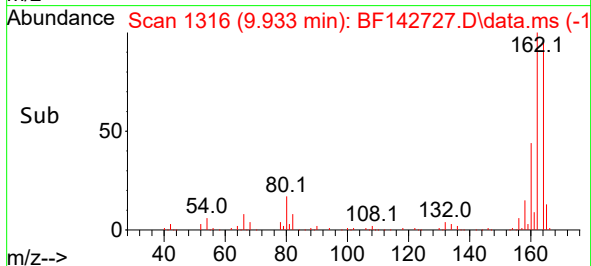
160 44.1 34.8 52.2

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.743 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142727.D

Acq: 11 Jun 2025 11:21

Tgt Ion:216 Resp: 210701

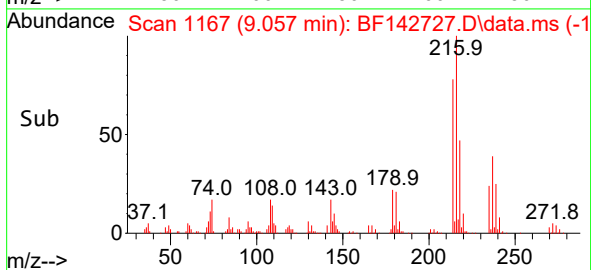
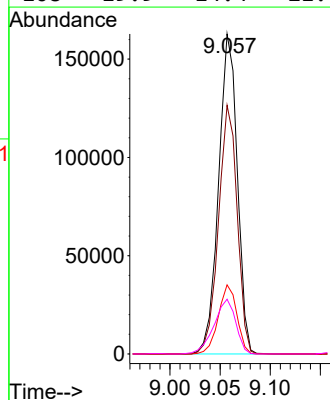
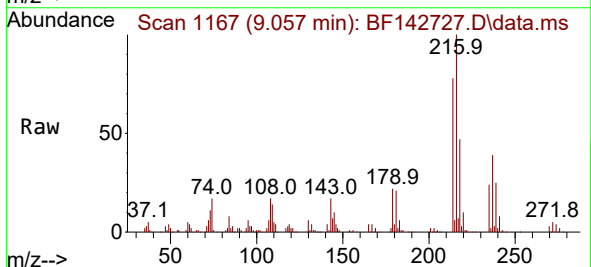
Ion Ratio Lower Upper

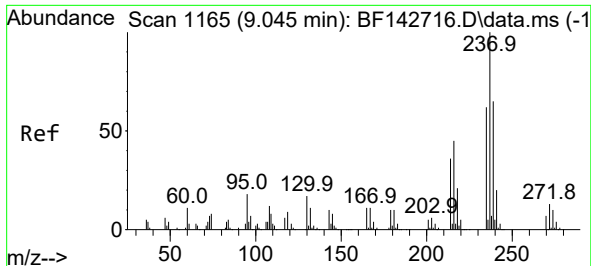
216 100

214 77.5 62.6 94.0

179 21.4 17.1 25.7

108 19.9 14.4 21.6





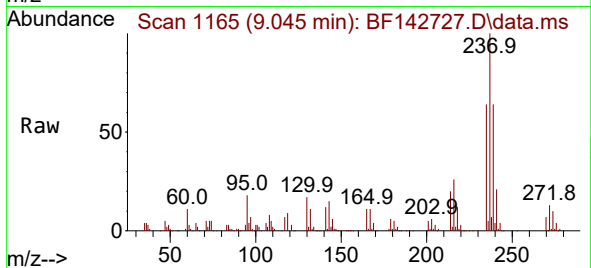
#41
Hexachlorocyclopentadiene
Concen: 90.621 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

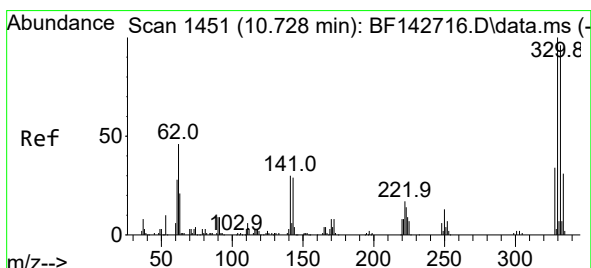
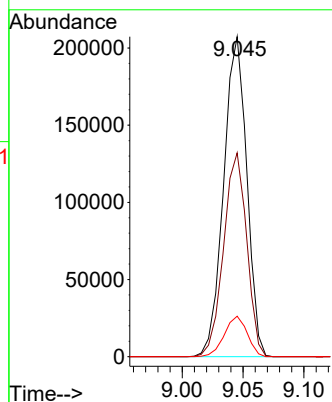
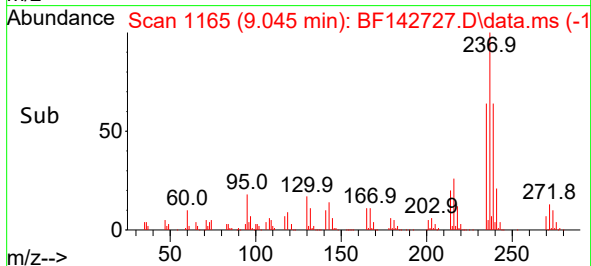


Tgt Ion:237 Resp: 273890
Ion Ratio Lower Upper
237 100
235 63.7 41.9 81.9
272 12.7 0.0 32.5

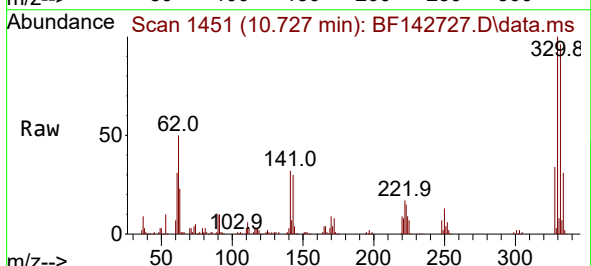
Manual Integrations

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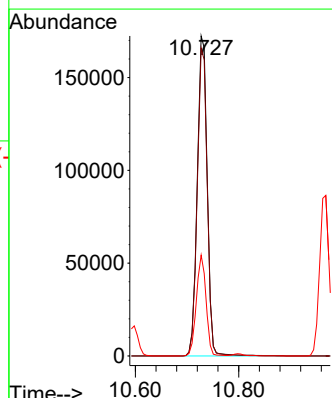
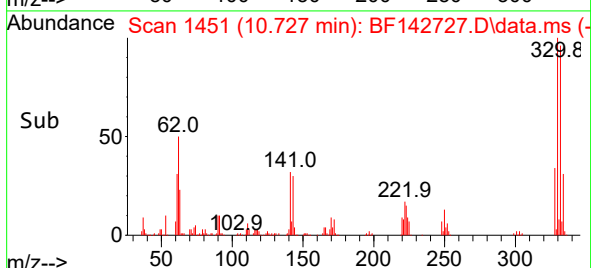
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

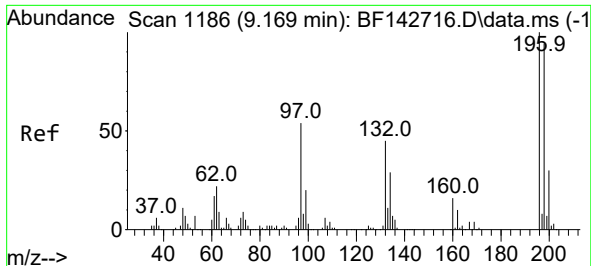


#42
2,4,6-Tribromophenol
Concen: 129.484 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.001 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



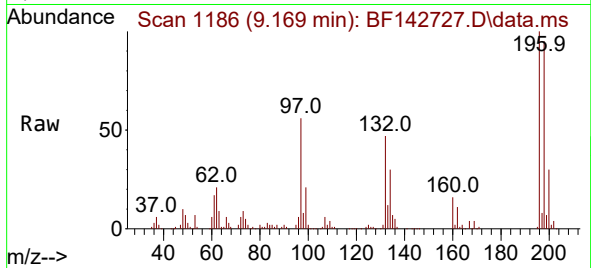
Tgt Ion:330 Resp: 230898
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 30.7 25.4 38.0





#43
2,4,6-Trichlorophenol
Concen: 46.719 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

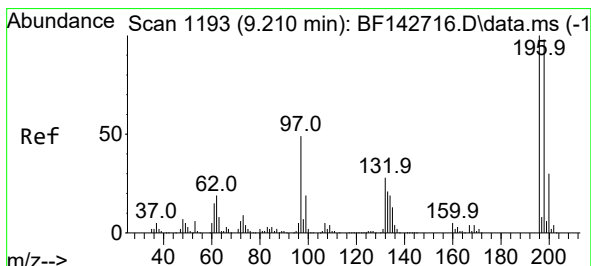
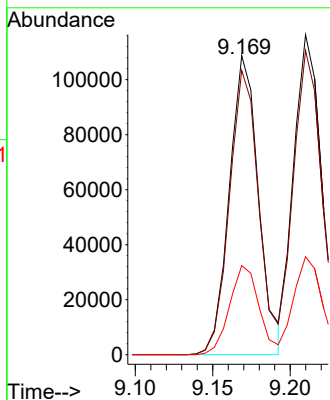
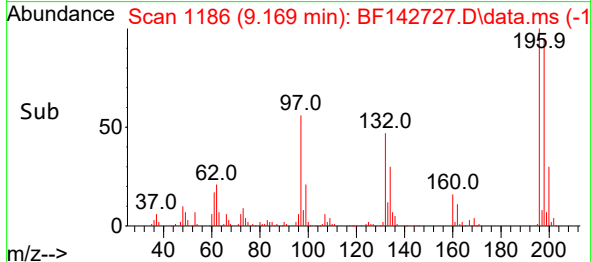
Instrument :
BNA_F
ClientSampleId :
PB168285BS



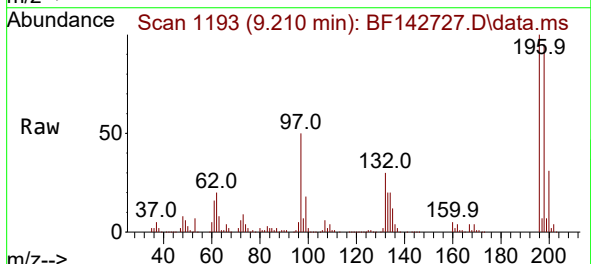
Tgt Ion:196 Resp: 142414
Ion Ratio Lower Upper
196 100
198 95.1 75.5 113.3
200 29.8 23.8 35.8

Manual Integrations
APPROVED

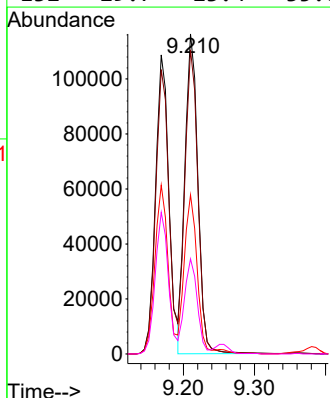
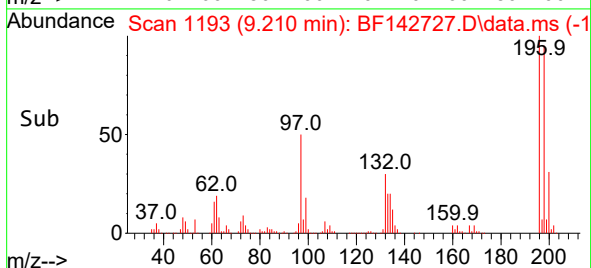
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

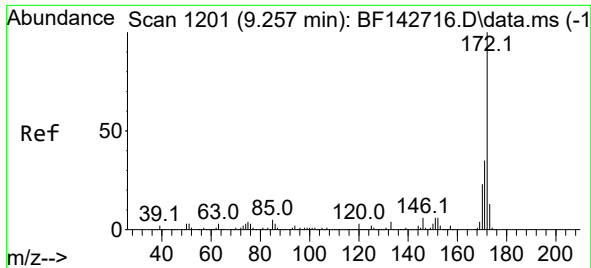


#44
2,4,5-Trichlorophenol
Concen: 44.861 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



Tgt Ion:196 Resp: 147700
Ion Ratio Lower Upper
196 100
198 95.0 78.2 117.2
97 49.7 38.6 57.8
132 29.7 23.4 35.0





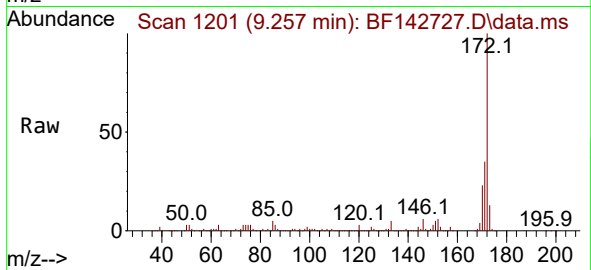
#45
2-Fluorobiphenyl
Concen: 76.223 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

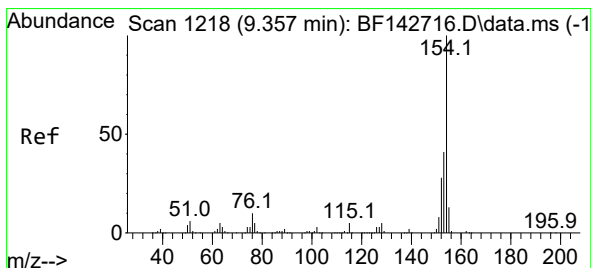
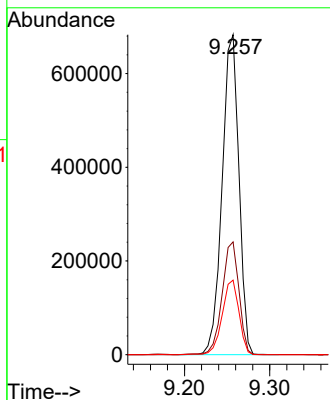
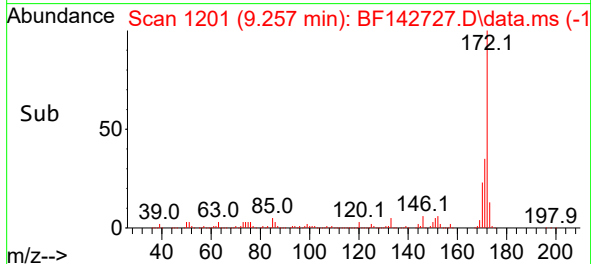


Tgt Ion:172 Resp: 93348
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.3 18.6 27.8

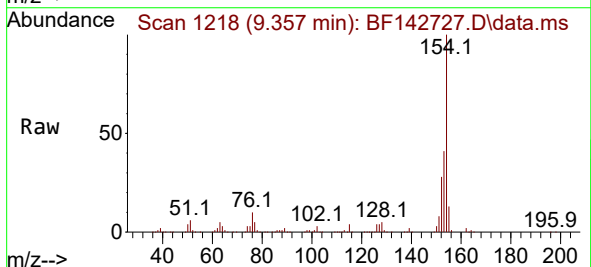
Manual Integrations

APPROVED

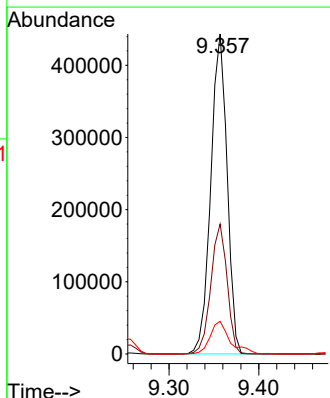
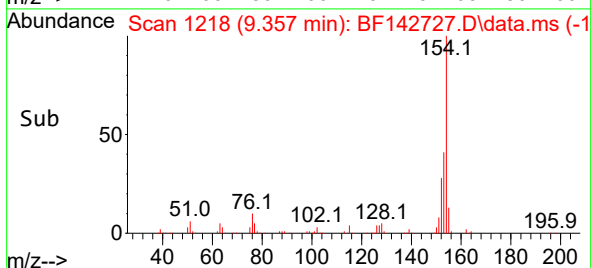
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

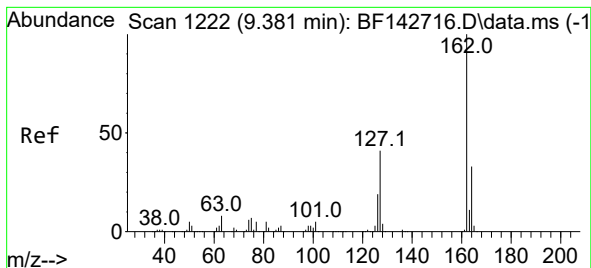


#46
1,1'-Biphenyl
Concen: 44.253 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



Tgt Ion:154 Resp: 559102
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 10.2 0.0 30.2





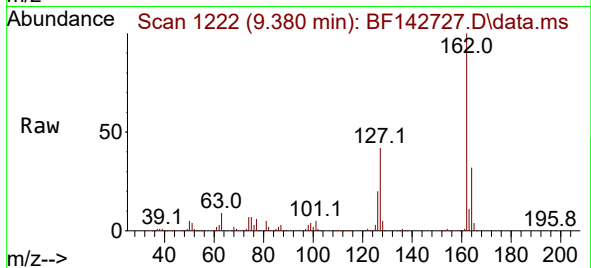
#47
2-Chloronaphthalene
Concen: 44.275 ng
RT: 9.380 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

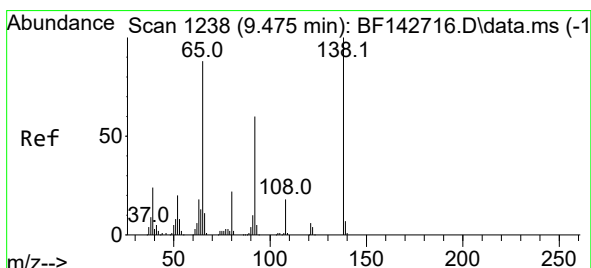
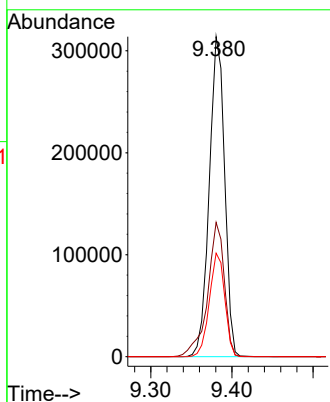
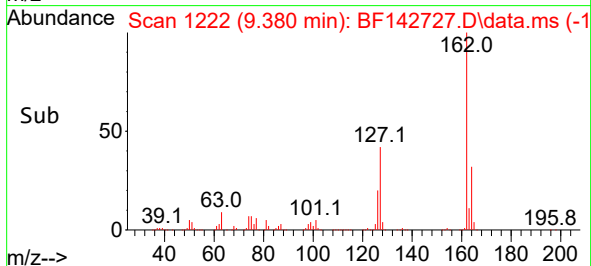
PB168285BS



Tgt Ion:162 Resp: 41211
Ion Ratio Lower Upper
162 100
127 42.0 33.5 50.3
164 32.3 26.1 39.1

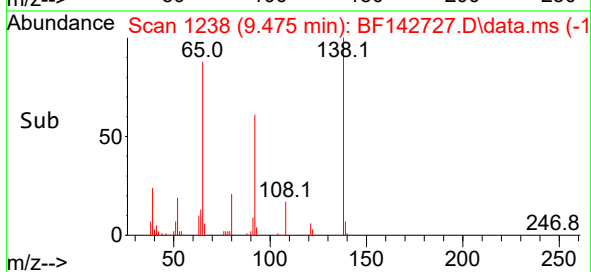
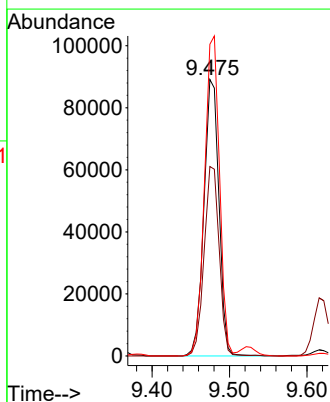
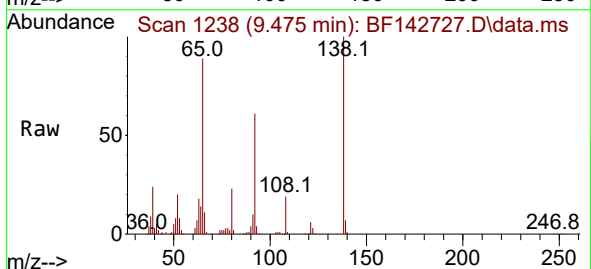
Manual Integrations
APPROVED

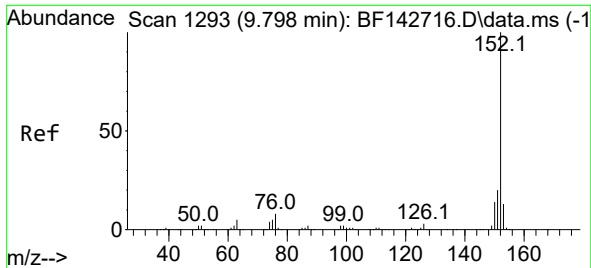
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#48
2-Nitroaniline
Concen: 45.346 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

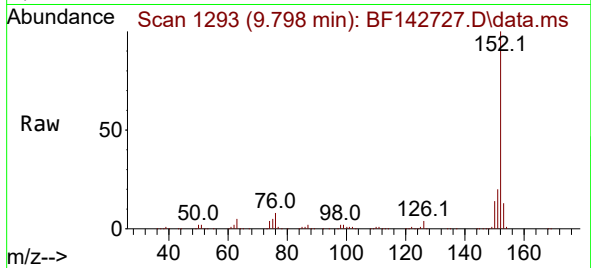
Tgt Ion: 65 Resp: 120048
Ion Ratio Lower Upper
65 100
92 68.5 54.5 81.7
138 112.7 90.6 136.0





#49
Acenaphthylene
Concen: 44.715 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

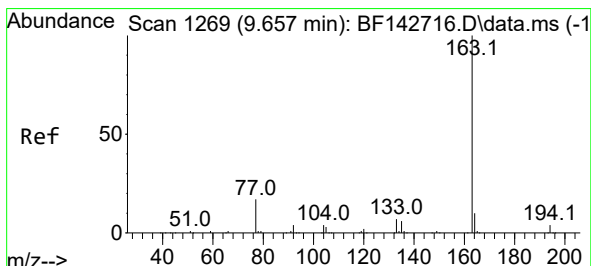
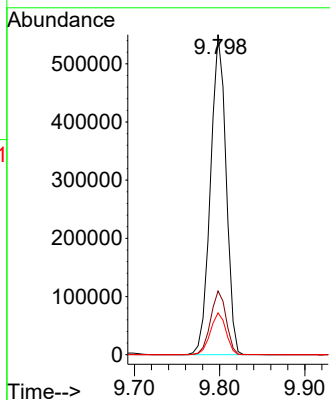
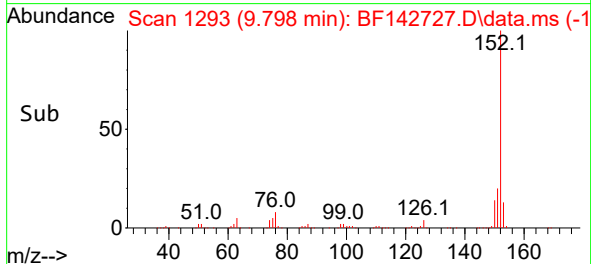
Instrument :
BNA_F
ClientSampleId :
PB168285BS



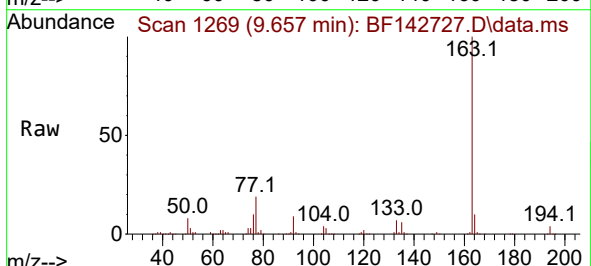
Tgt Ion:152 Resp: 701774
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.0 10.5 15.7

Manual Integrations
APPROVED

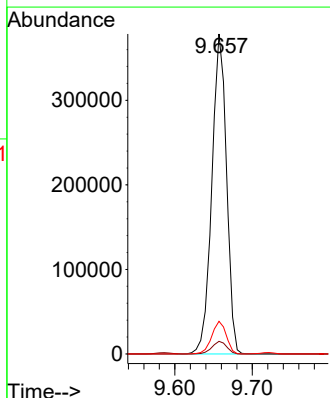
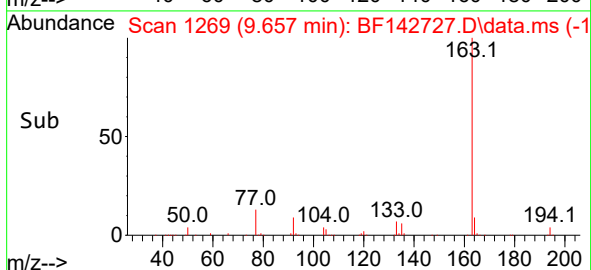
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

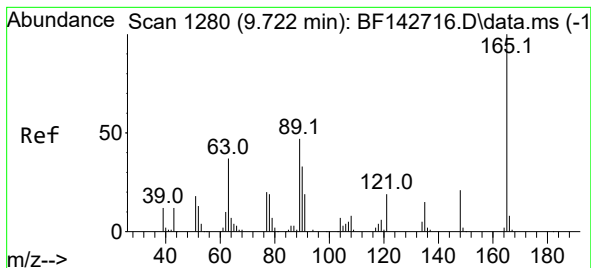


#50
Dimethylphthalate
Concen: 45.814 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



Tgt Ion:163 Resp: 497771
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.0 12.0





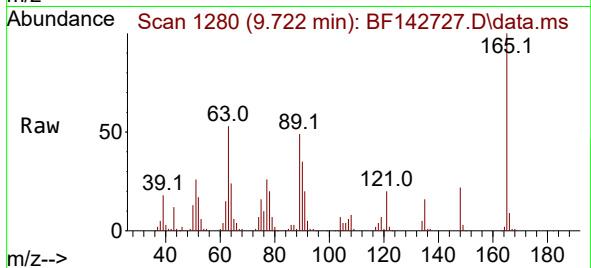
#51
2,6-Dinitrotoluene
Concen: 46.308 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

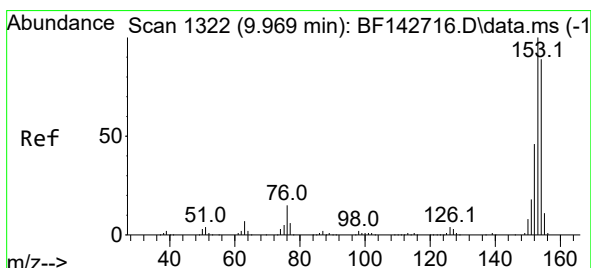
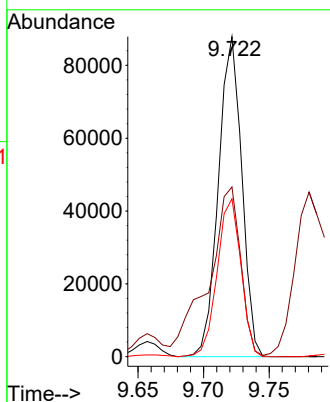
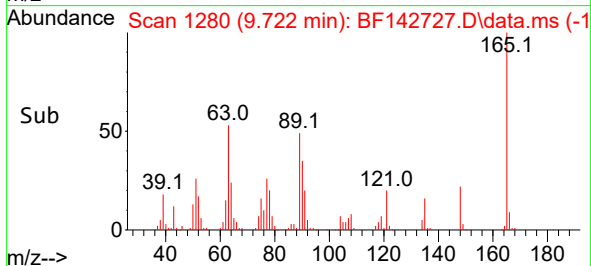


Tgt Ion:165 Resp: 10874
Ion Ratio Lower Upper
165 100
63 53.1 40.6 60.8
89 49.3 37.6 56.4

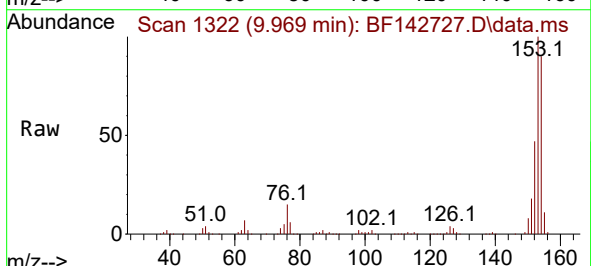
Manual Integrations

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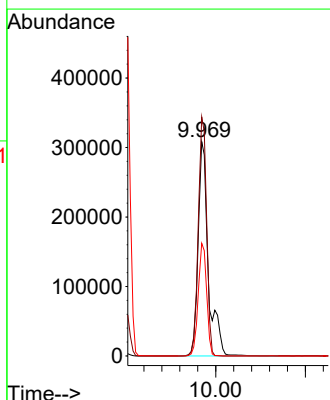
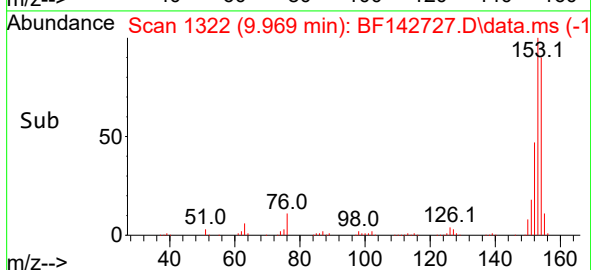
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

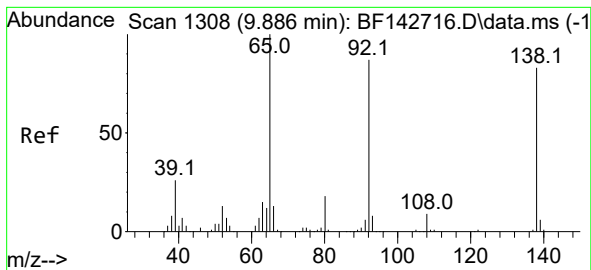


#52
Acenaphthene
Concen: 50.265 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



Tgt Ion:154 Resp: 489115
Ion Ratio Lower Upper
154 100
153 111.6 90.1 135.1
152 52.6 41.9 62.9





#53
3-Nitroaniline
Concen: 26.152 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

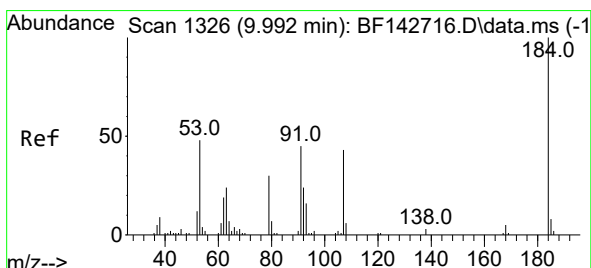
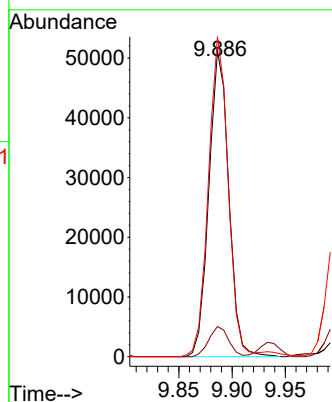
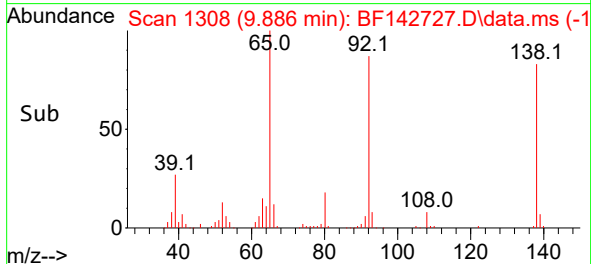
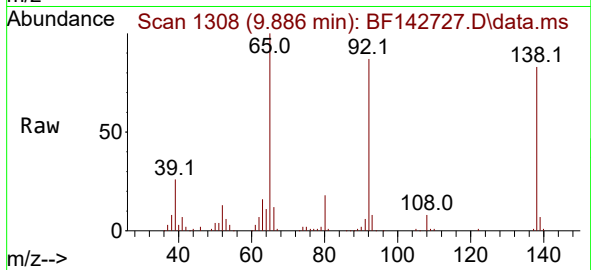
PB168285BS

Tgt Ion:138 Resp: 66608
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 104.7 84.6 127.0

Manual Integrations

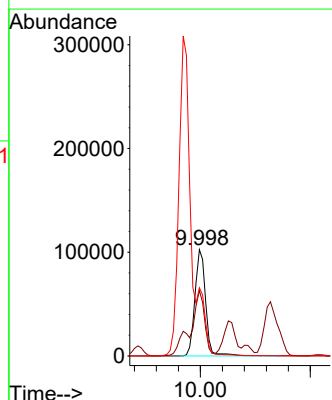
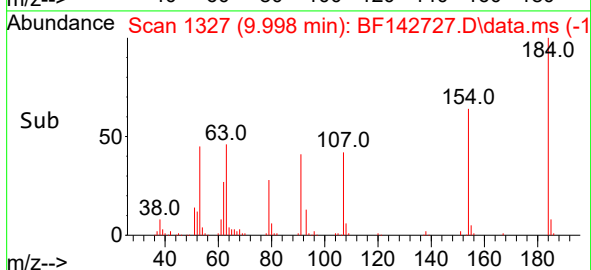
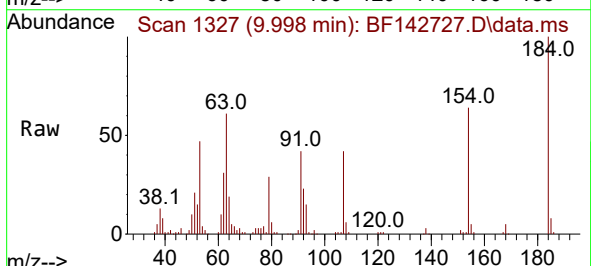
APPROVED

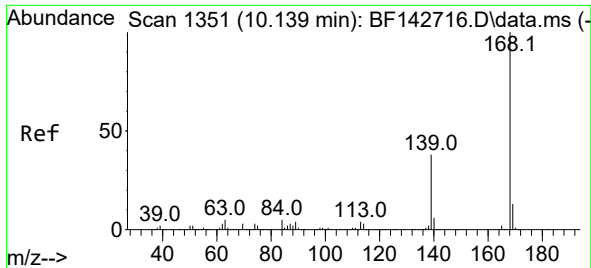
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#54
2,4-Dinitrophenol
Concen: 108.465 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

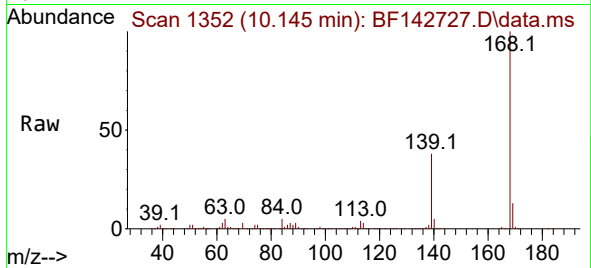
Tgt Ion:184 Resp: 139520
Ion Ratio Lower Upper
184 100
63 61.5 51.7 77.5
154 64.3 60.1 90.1





#55
Dibenzofuran
Concen: 44.398 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

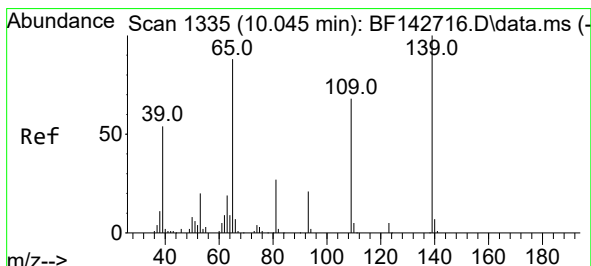
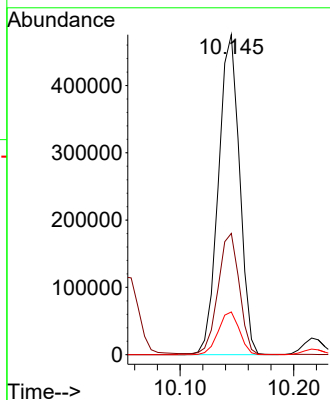
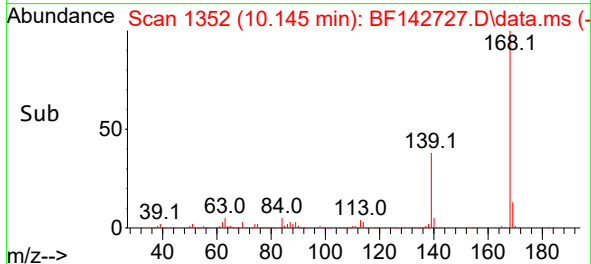
Instrument :
BNA_F
ClientSampleId :
PB168285BS



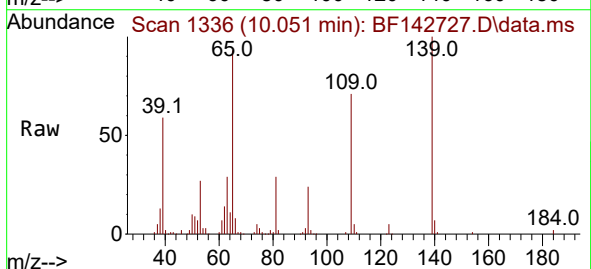
Tgt Ion:168 Resp: 61521
Ion Ratio Lower Upper
168 100
139 37.9 30.9 46.3
169 13.4 10.8 16.2

Manual Integrations
APPROVED

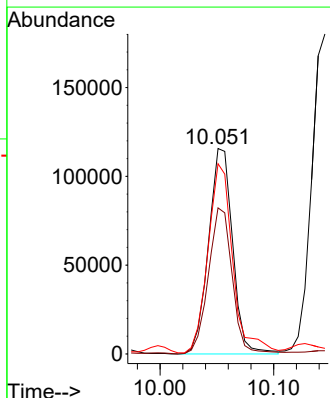
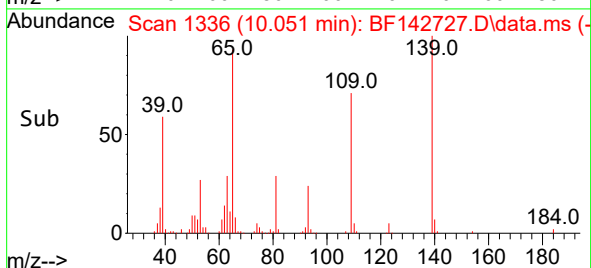
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

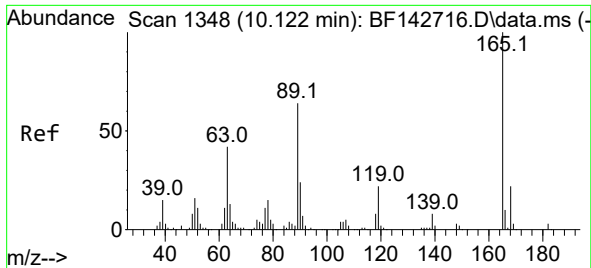


#56
4-Nitrophenol
Concen: 98.864 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



Tgt Ion:139 Resp: 170781
Ion Ratio Lower Upper
139 100
109 71.1 47.5 87.5
65 92.5 69.2 109.2





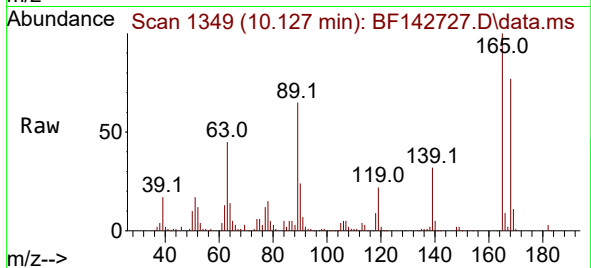
#57
2,4-Dinitrotoluene
Concen: 48.027 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

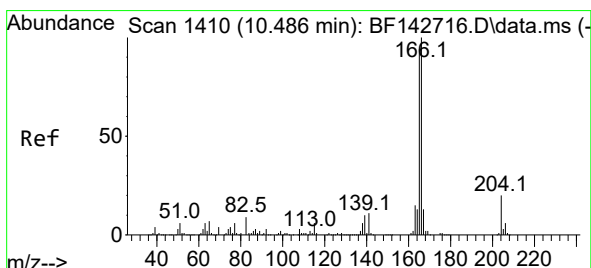
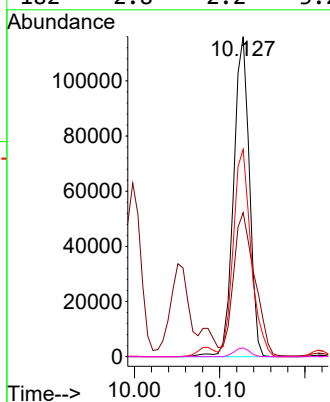
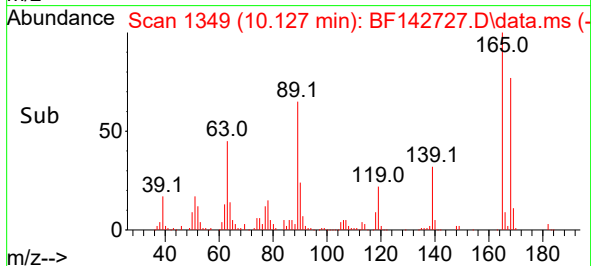


Tgt Ion:165 Resp: 14911
Ion Ratio Lower Upper
165 100
63 45.0 34.1 51.1
89 64.7 50.8 76.2
182 2.8 2.2 3.2

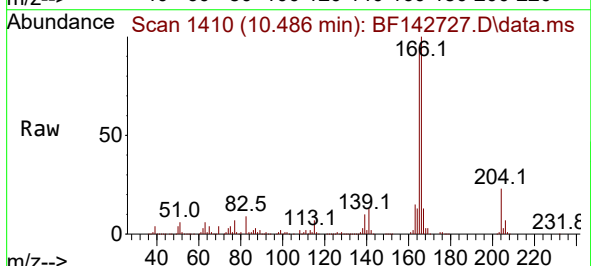
Manual Integrations

APPROVED

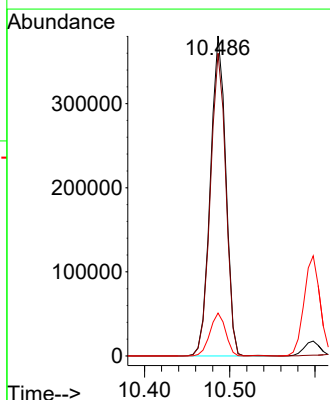
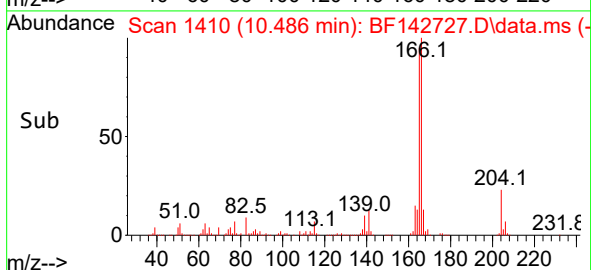
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

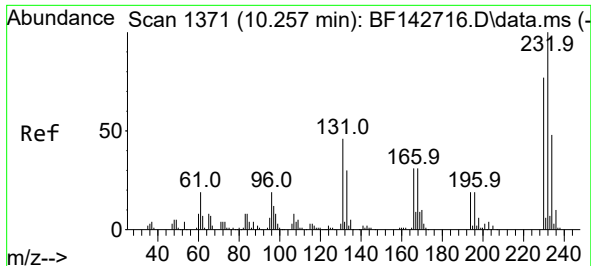


#58
Fluorene
Concen: 43.876 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



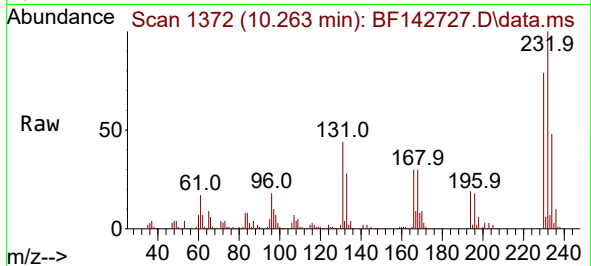
Tgt Ion:166 Resp: 480108
Ion Ratio Lower Upper
166 100
165 94.6 74.9 112.3
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.103 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

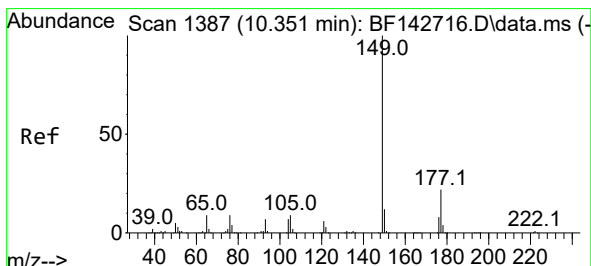
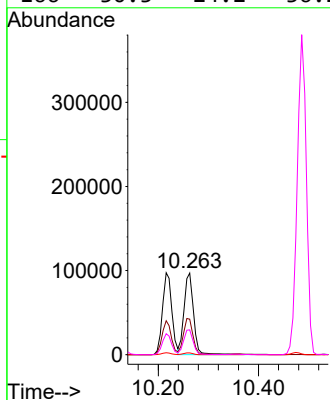
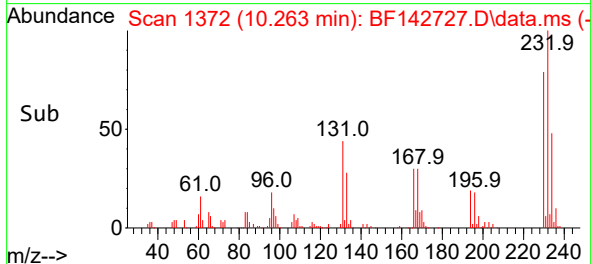
Instrument :
BNA_F
ClientSampleId :
PB168285BS



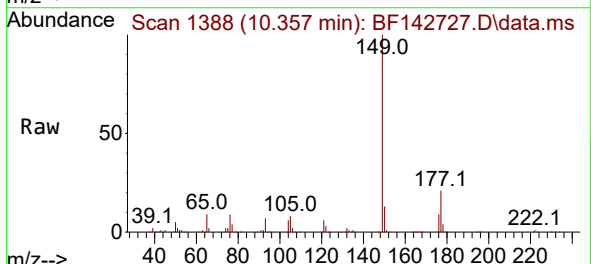
Tgt Ion:232 Resp: 127700
Ion Ratio Lower Upper
232 100
131 45.1 35.8 53.8
130 2.2 1.8 2.6
166 30.3 24.2 36.2

Manual Integrations
APPROVED

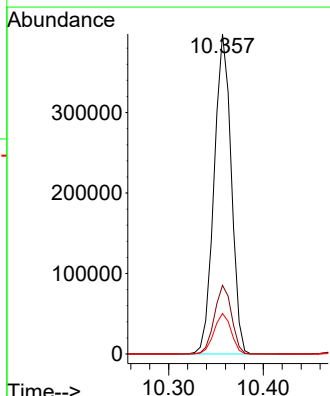
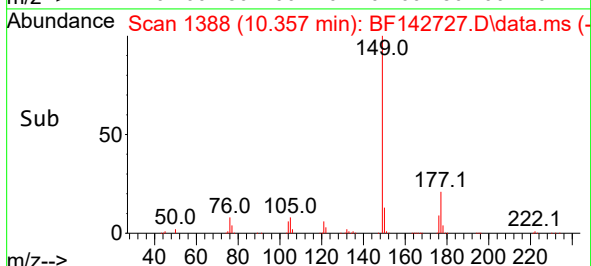
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

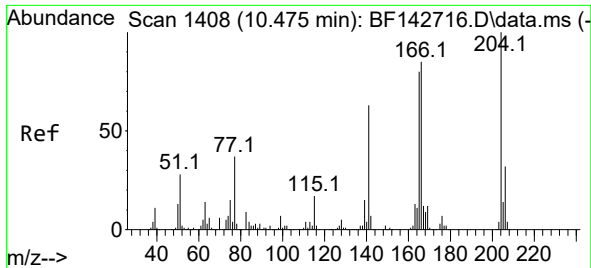


#60
Diethylphthalate
Concen: 46.443 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



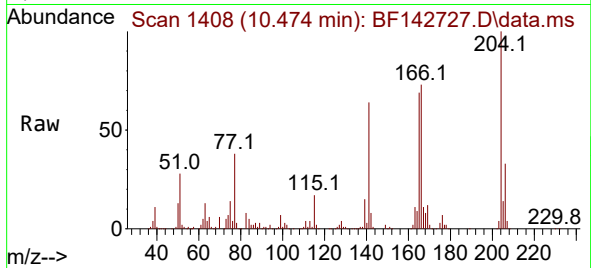
Tgt Ion:149 Resp: 500364
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.0
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.082 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

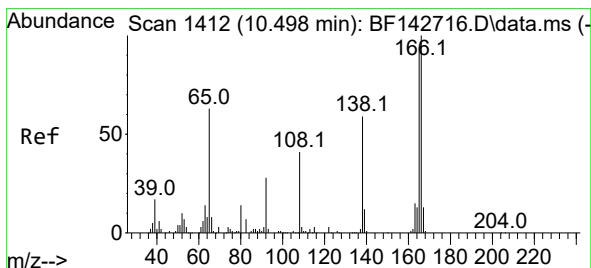
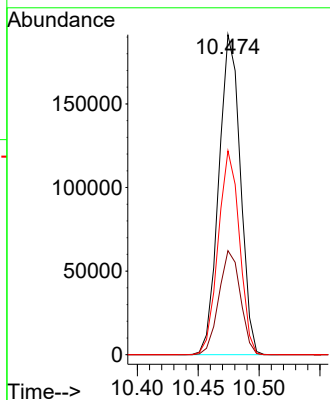
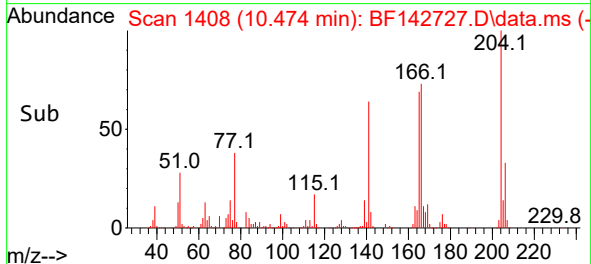
Instrument :
BNA_F
ClientSampleId :
PB168285BS



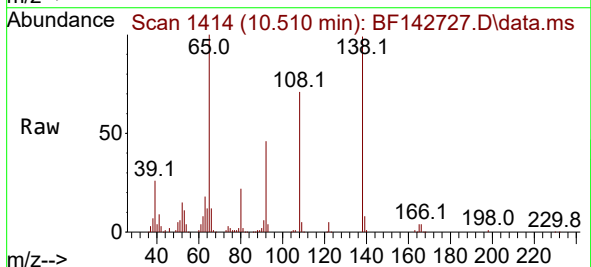
Tgt Ion:204 Resp: 235568
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 63.7 50.2 75.4

Manual Integrations
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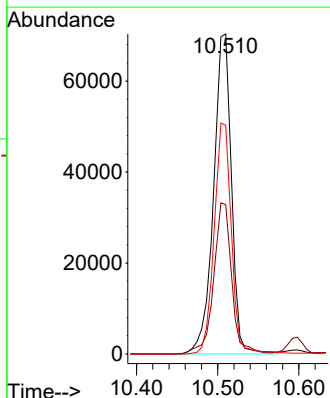
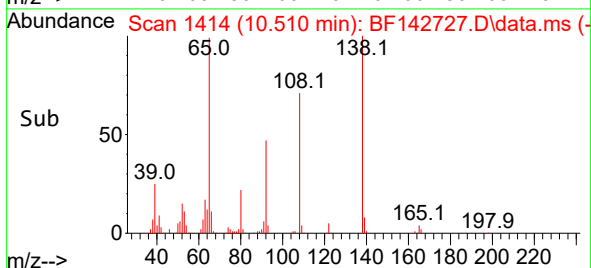
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

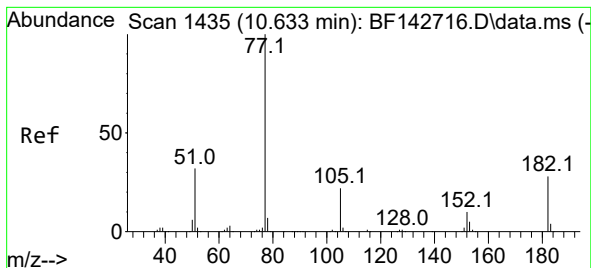


#62
4-Nitroaniline
Concen: 47.514 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



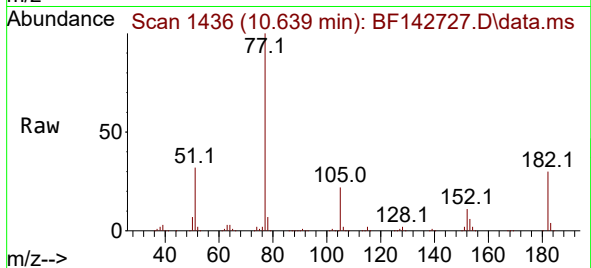
Tgt Ion:138 Resp: 108265
Ion Ratio Lower Upper
138 100
92 46.7 27.2 67.2
108 71.5 49.9 89.9





#63
Azobenzene
Concen: 44.810 ng
RT: 10.639 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

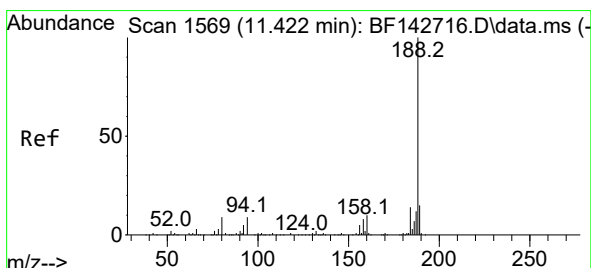
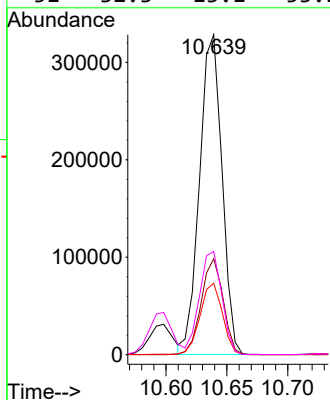
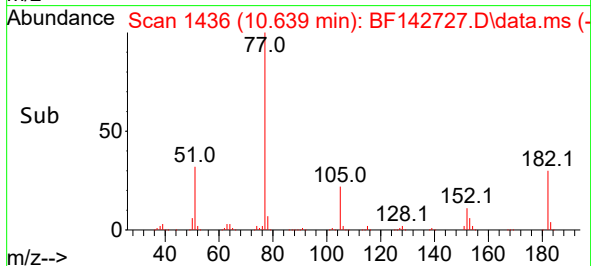
Instrument :
BNA_F
ClientSampleId :
PB168285BS



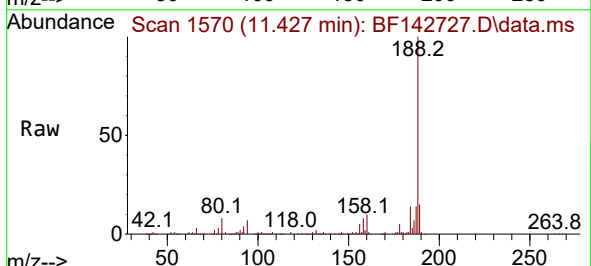
Tgt Ion: 77 Resp: 421629
Ion Ratio Lower Upper
77 100
182 30.0 7.8 47.8
105 22.4 1.9 41.9
51 32.3 13.1 53.1

Manual Integrations
APPROVED

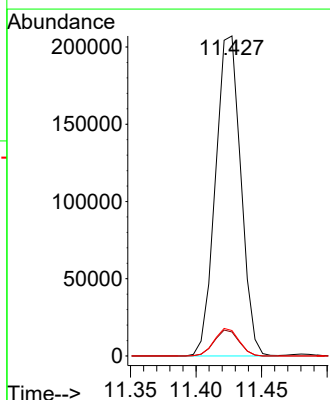
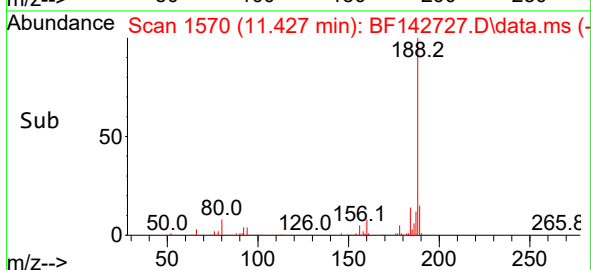
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

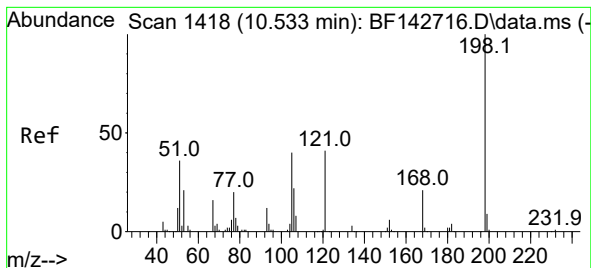


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



Tgt Ion:188 Resp: 278222
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.9 7.1 10.7





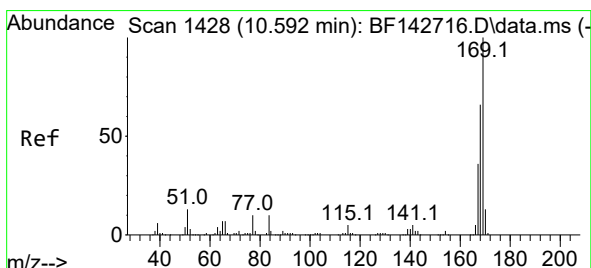
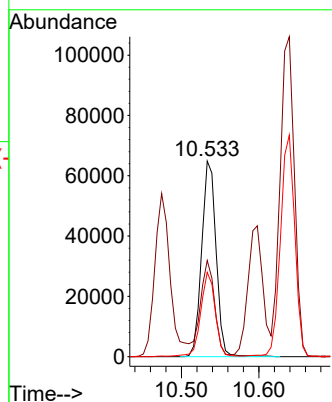
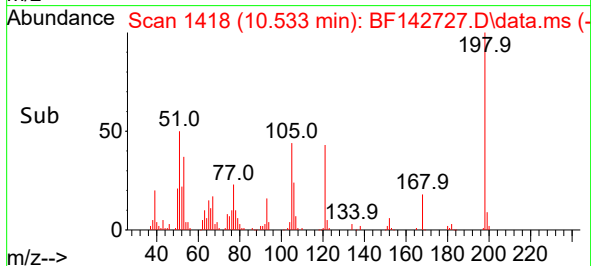
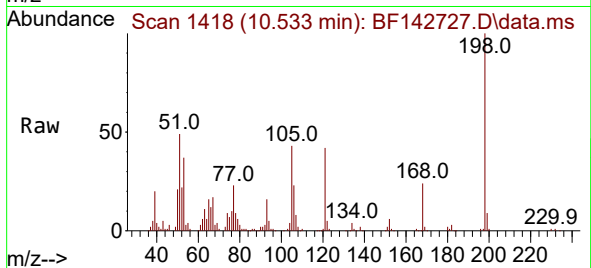
#65
4,6-Dinitro-2-methylphenol
Concen: 48.031 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB168285BS

Tgt Ion:198 Resp: 8368
Ion Ratio Lower Upper
198 100
51 49.2 25.5 65.5
105 43.1 21.1 61.1

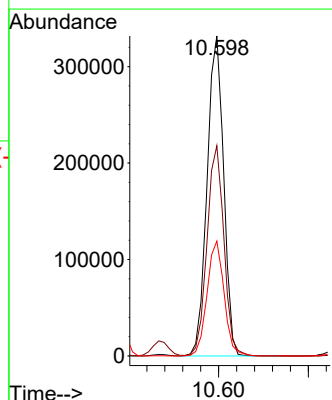
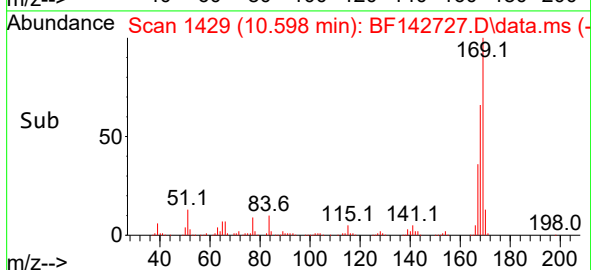
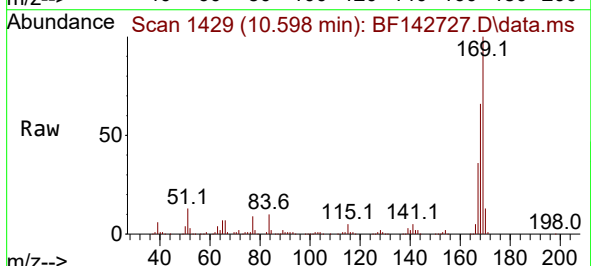
Manual Integrations
APPROVED

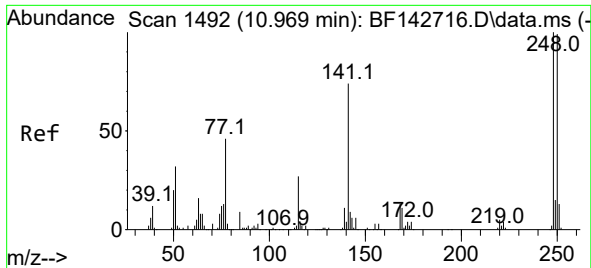
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#66
n-Nitrosodiphenylamine
Concen: 44.399 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:169 Resp: 424612
Ion Ratio Lower Upper
169 100
168 65.7 53.0 79.4
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 43.914 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

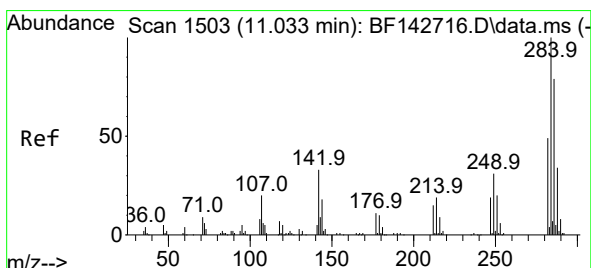
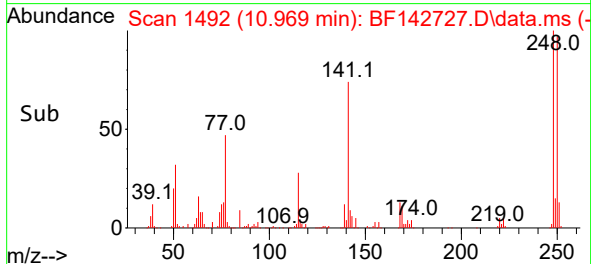
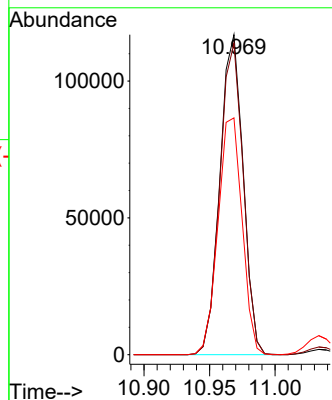
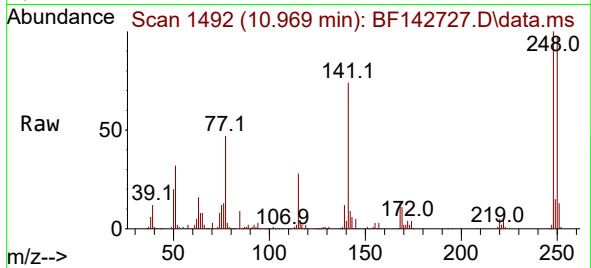
PB168285BS

Tgt Ion:248 Resp: 144219
Ion Ratio Lower Upper
248 100
250 97.3 79.2 118.8
141 74.0 59.3 88.9

Manual Integrations

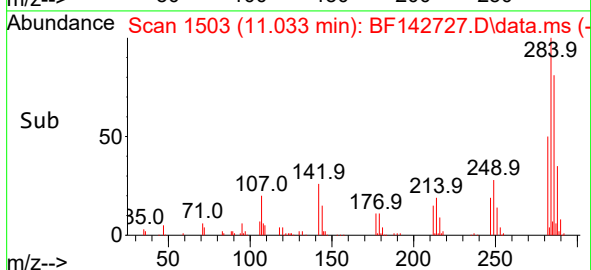
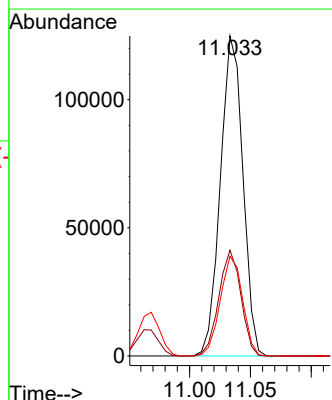
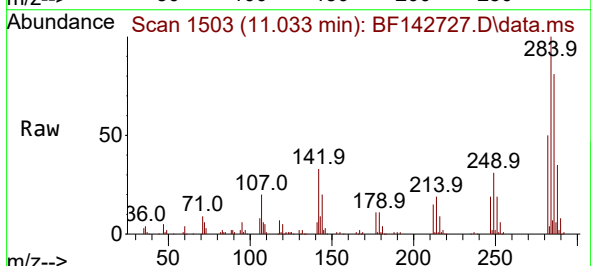
APPROVED

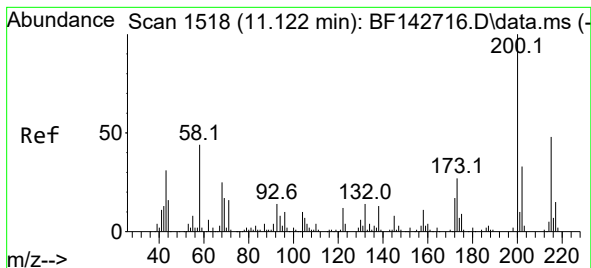
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#68
Hexachlorobenzene
Concen: 44.053 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:284 Resp: 160594
Ion Ratio Lower Upper
284 100
142 33.1 26.0 39.0
249 31.2 24.6 37.0





#69

Atrazine

Concen: 50.593 ng

RT: 11.121 min Scan# 1518

Delta R.T. -0.000 min

Lab File: BF142727.D

Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

Tgt Ion:200 Resp: 128999

Ion Ratio Lower Upper

200 100

173 26.8 7.4 47.4

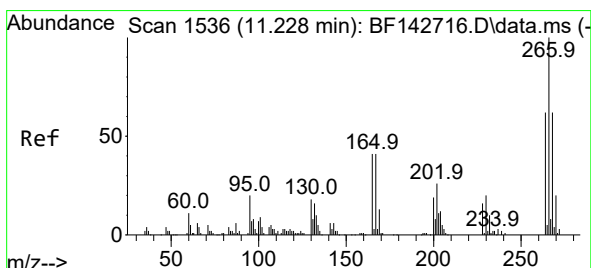
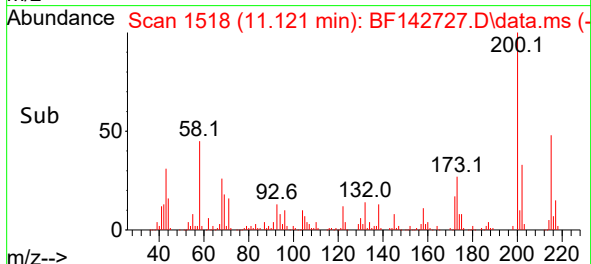
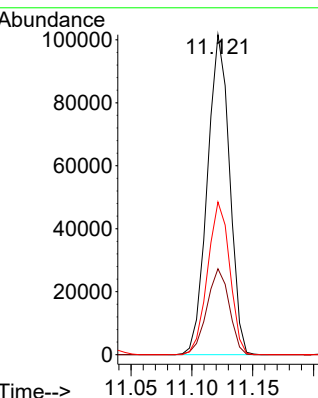
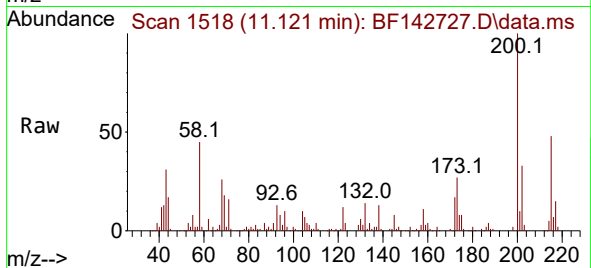
215 47.7 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#70

Pentachlorophenol

Concen: 93.589 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142727.D

Acq: 11 Jun 2025 11:21

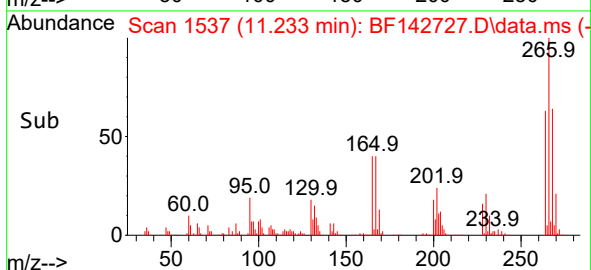
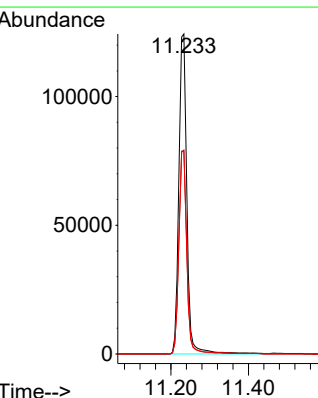
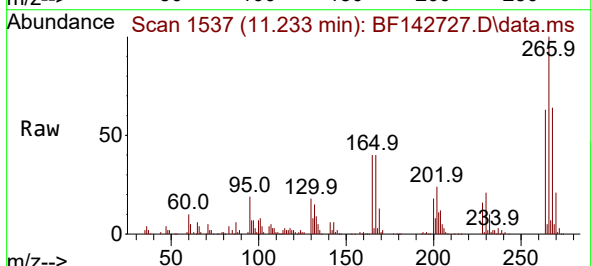
Tgt Ion:266 Resp: 178839

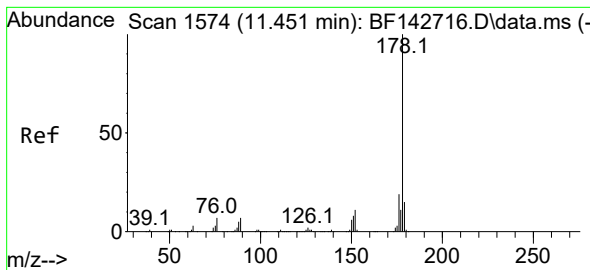
Ion Ratio Lower Upper

266 100

268 63.7 49.6 74.4

264 63.4 49.5 74.3





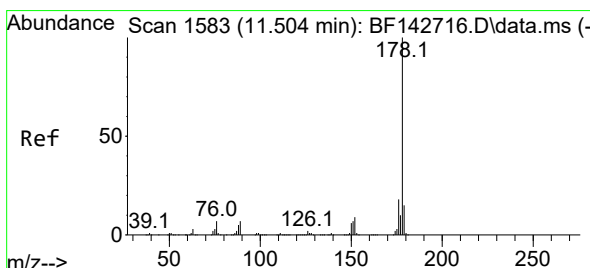
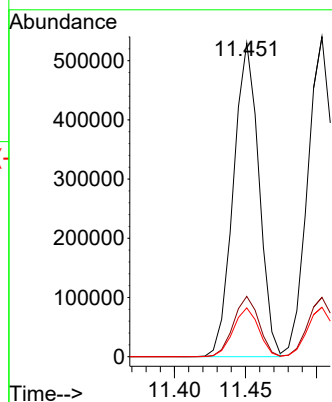
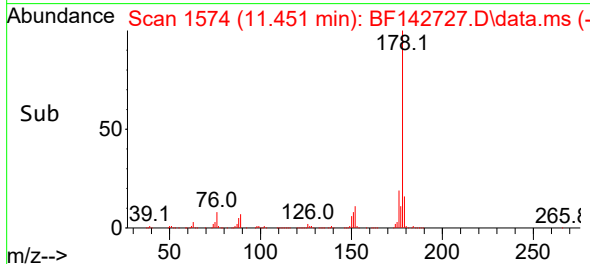
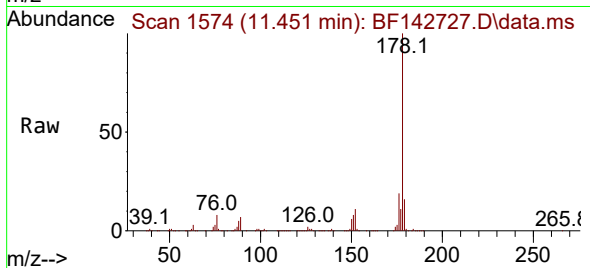
#71
Phenanthrene
Concen: 44.483 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB168285BS

Tgt Ion:178 Resp: 663039
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.5 12.2 18.4

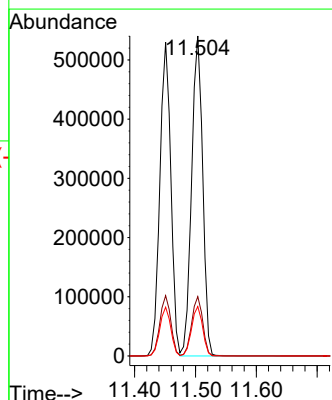
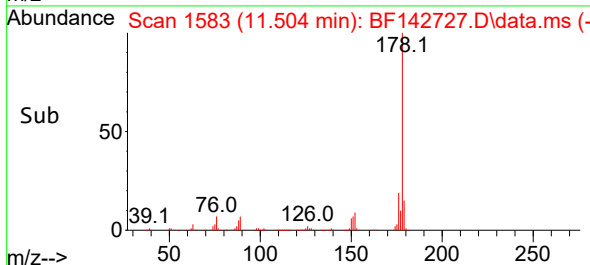
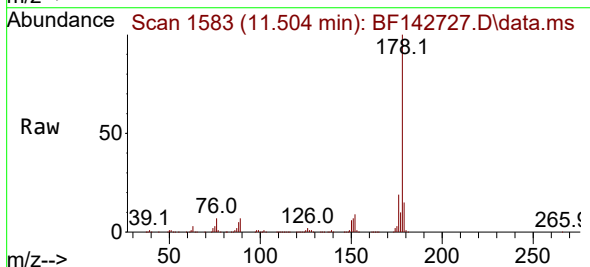
Manual Integrations
APPROVED

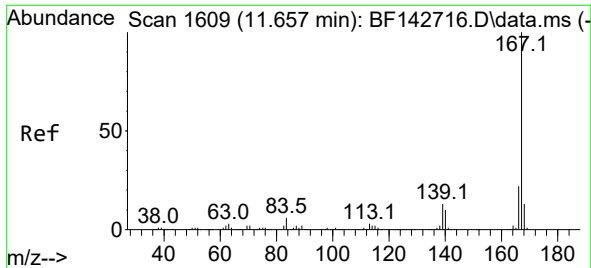
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#72
Anthracene
Concen: 44.184 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

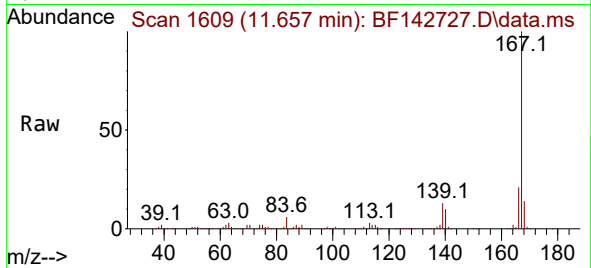
Tgt Ion:178 Resp: 681281
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.5 12.2 18.2





#73
 Carbazole
 Concen: 45.737 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142727.D
 Acq: 11 Jun 2025 11:21

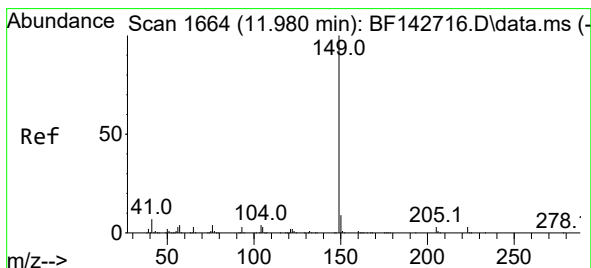
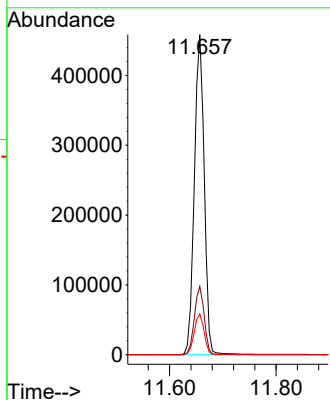
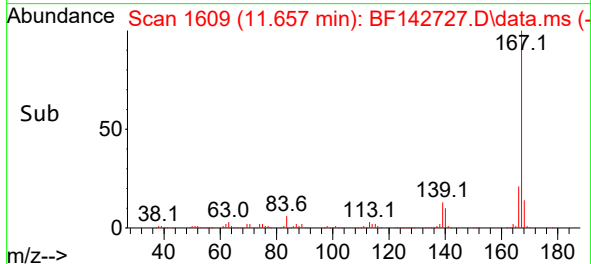
Instrument :
 BNA_F
 ClientSampleId :
 PB168285BS



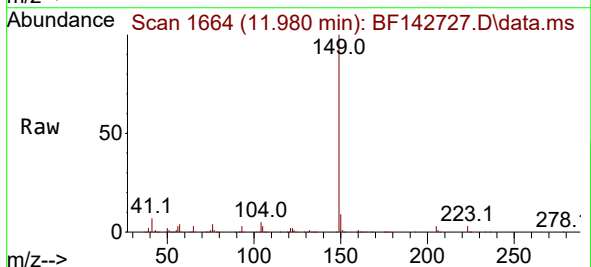
Tgt Ion:167 Resp: 590398
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.7 10.2 15.4

Manual Integrations
 APPROVED

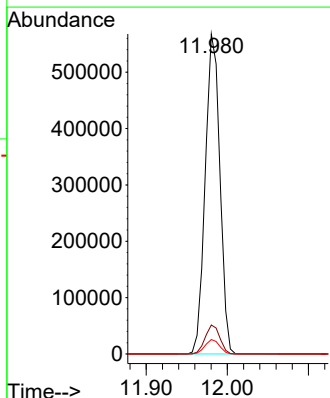
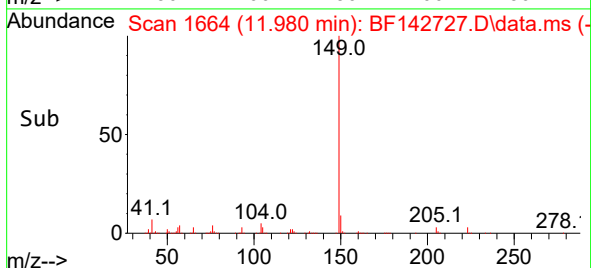
Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

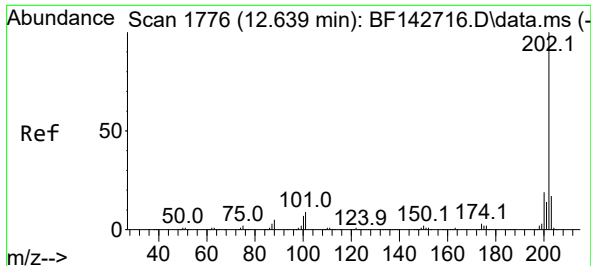


#74
 Di-n-butylphthalate
 Concen: 49.299 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.000 min
 Lab File: BF142727.D
 Acq: 11 Jun 2025 11:21



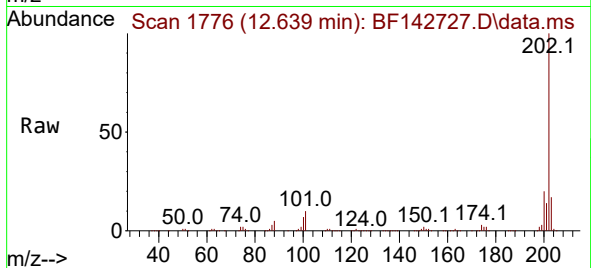
Tgt Ion:149 Resp: 710586
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.5 3.4 5.2





#75
Fluoranthene
Concen: 45.714 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

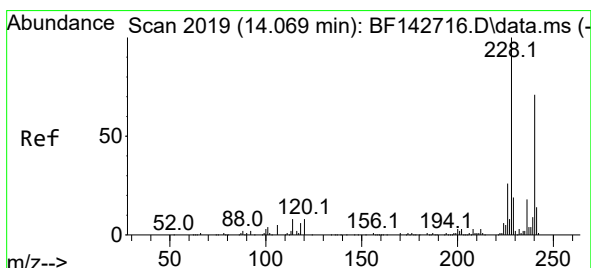
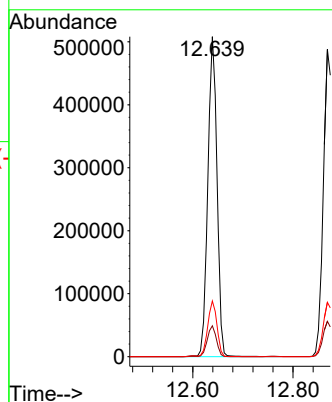
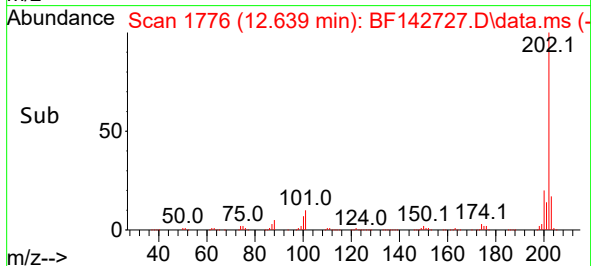
Instrument :
BNA_F
ClientSampleId :
PB168285BS



Tgt Ion:202 Resp: 647918
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.5
203 17.4 0.0 37.0

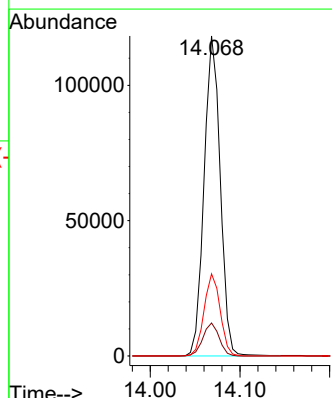
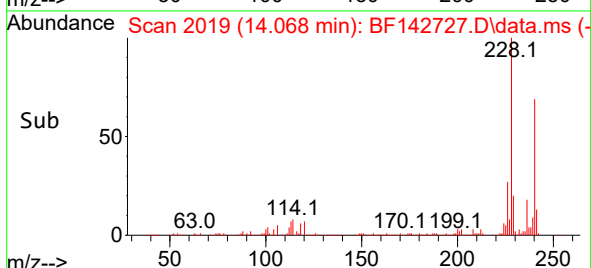
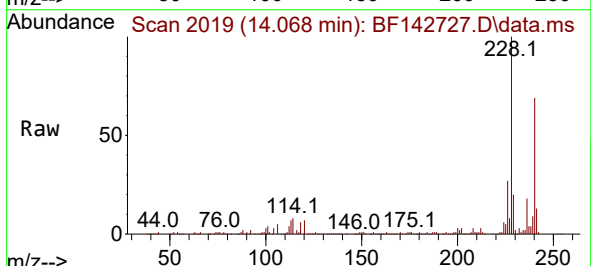
Manual Integrations
APPROVED

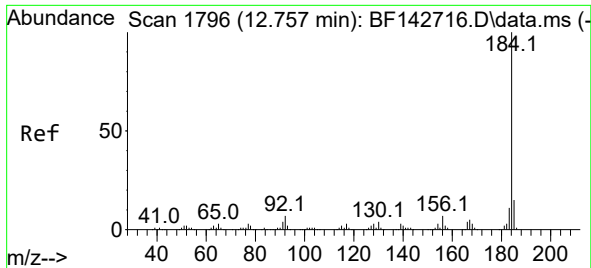
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

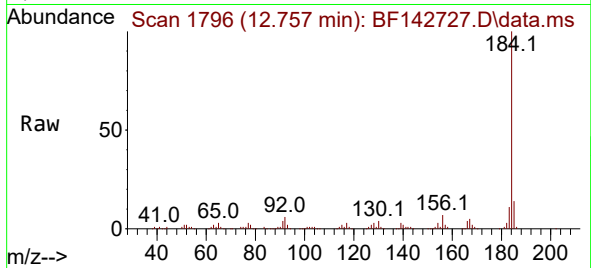
Tgt Ion:240 Resp: 147780
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 25.7 20.1 30.1





#77
Benzidine
Concen: 33.716 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

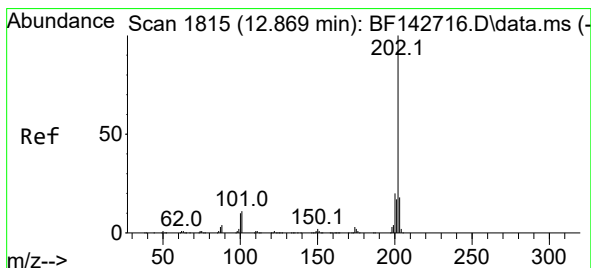
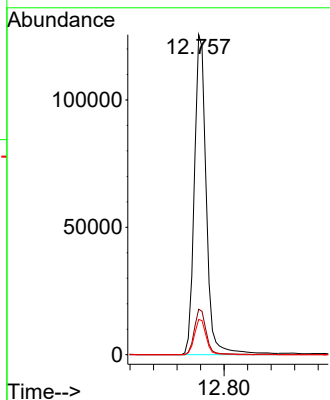
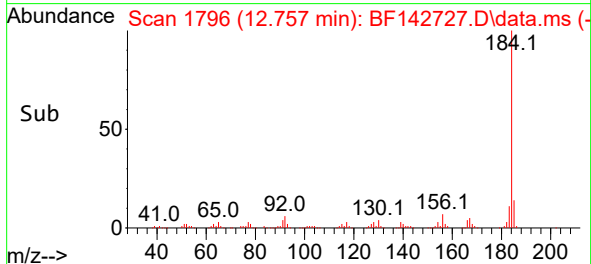
Instrument :
BNA_F
ClientSampleId :
PB168285BS



Tgt Ion:184 Resp: 177445
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.0 8.6 12.8

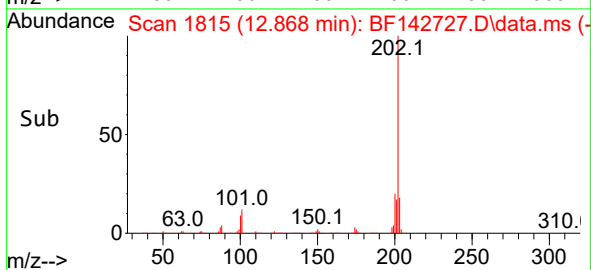
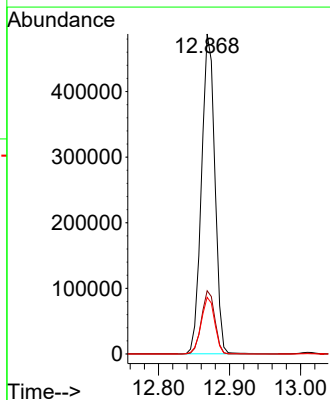
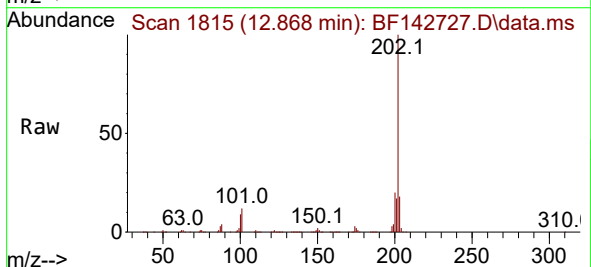
Manual Integrations
APPROVED

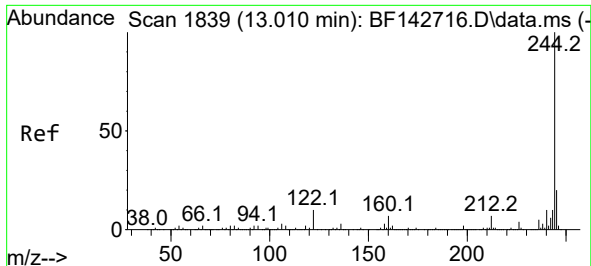
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#78
Pyrene
Concen: 46.522 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:202 Resp: 638902
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.8
203 17.7 14.1 21.1





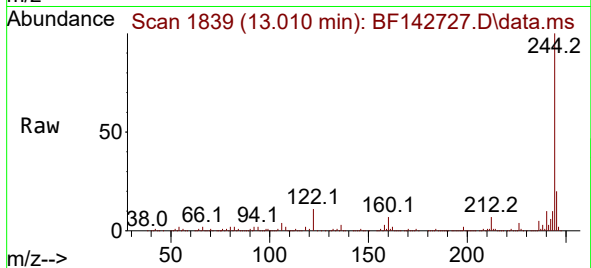
#79
 Terphenyl-d14
 Concen: 81.752 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF142727.D
 Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

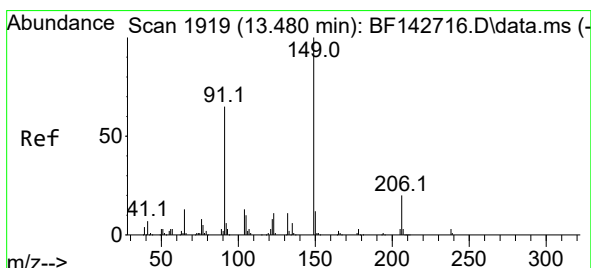
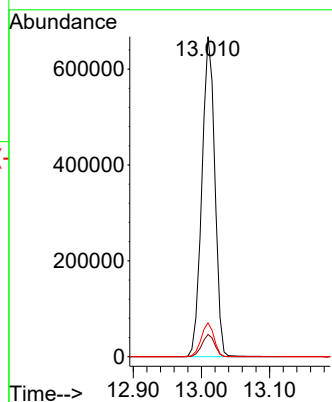
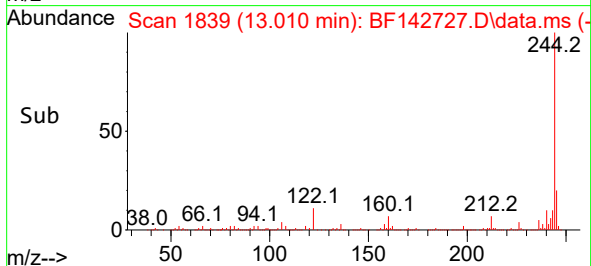


Tgt Ion:244 Resp: 879635
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.6 8.3 12.5

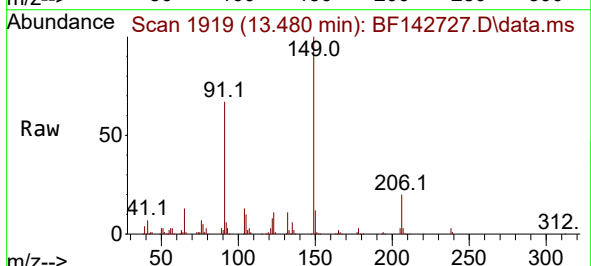
Manual Integrations

APPROVED

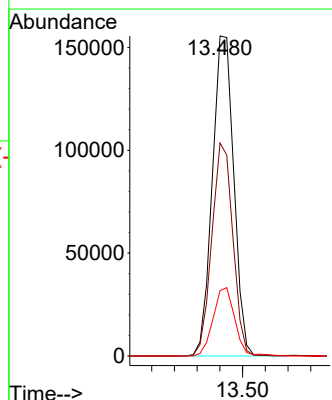
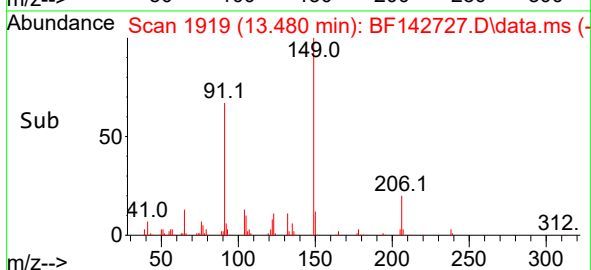
Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

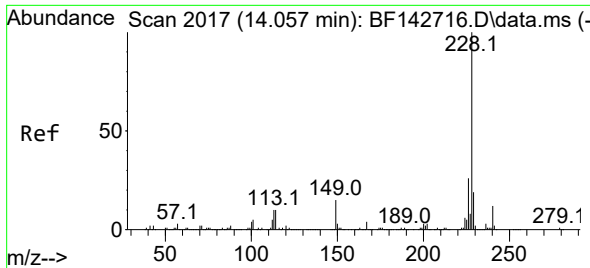


#80
 Butylbenzylphthalate
 Concen: 50.362 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: BF142727.D
 Acq: 11 Jun 2025 11:21



Tgt Ion:149 Resp: 204524
 Ion Ratio Lower Upper
 149 100
 91 66.6 52.3 78.5
 206 20.4 16.0 24.0





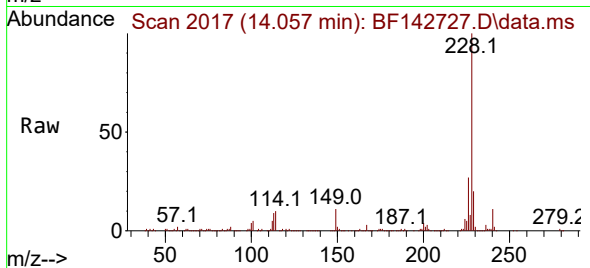
#81
Benzo(a)anthracene
Concen: 45.741 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

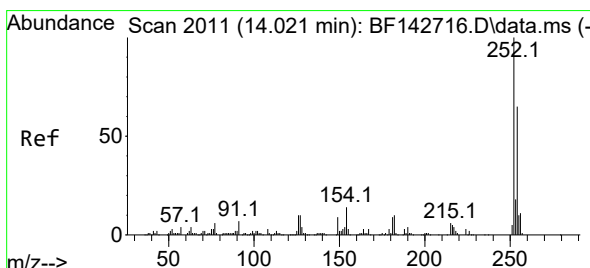
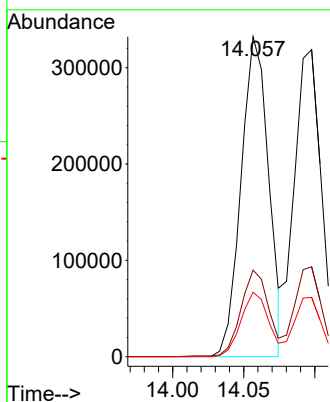
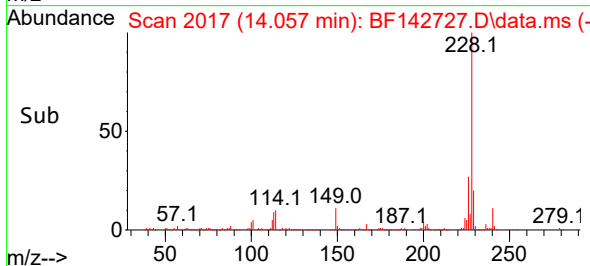


Tgt Ion:228 Resp: 447930
Ion Ratio Lower Upper
228 100
226 27.1 21.0 31.4
229 20.2 15.5 23.3

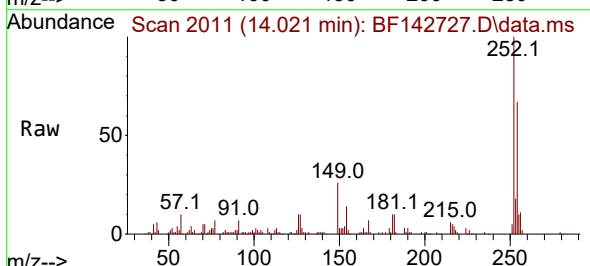
Manual Integrations

APPROVED

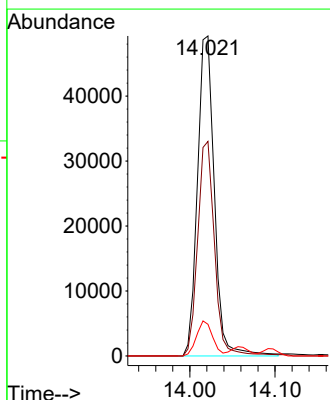
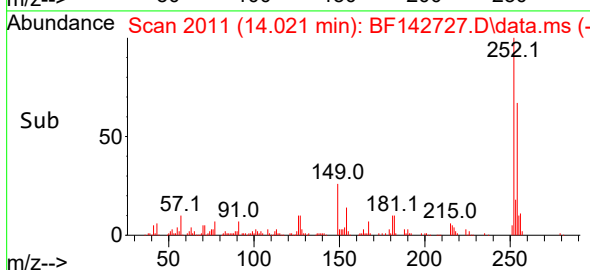
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

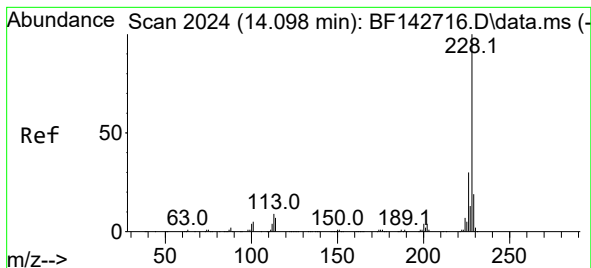


#82
3,3'-Dichlorobenzidine
Concen: 21.556 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



Tgt Ion:252 Resp: 68073
Ion Ratio Lower Upper
252 100
254 67.1 51.8 77.6
126 9.9 8.1 12.1





#83

Chrysene

Concen: 46.725 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142727.D

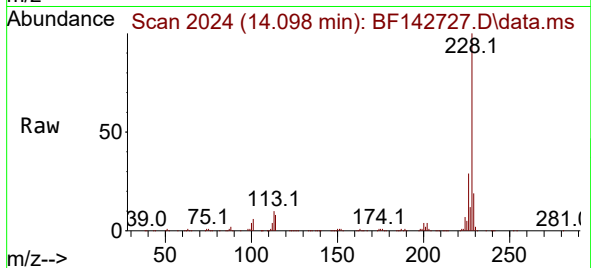
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS



Tgt Ion:228 Resp: 422464

Ion Ratio Lower Upper

228 100

226 29.3 23.6 35.4

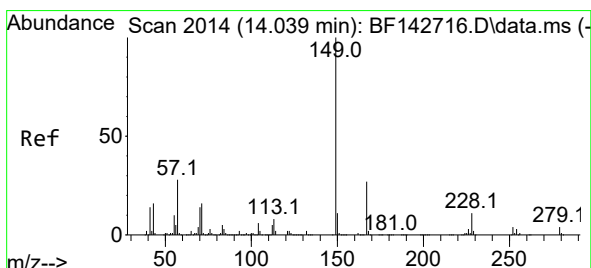
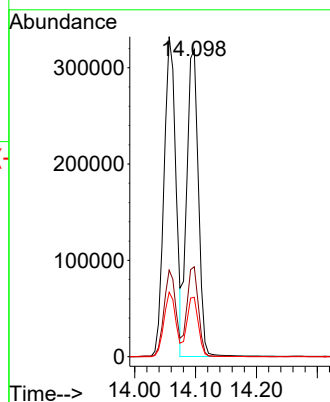
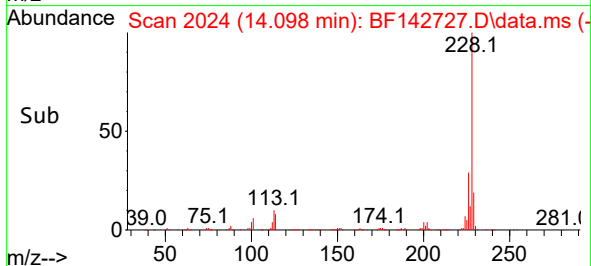
229 19.3 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.345 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF142727.D

Acq: 11 Jun 2025 11:21

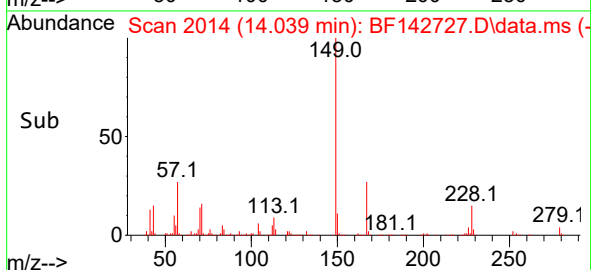
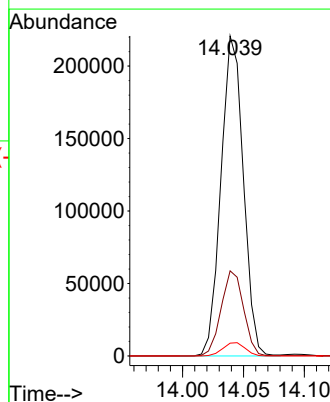
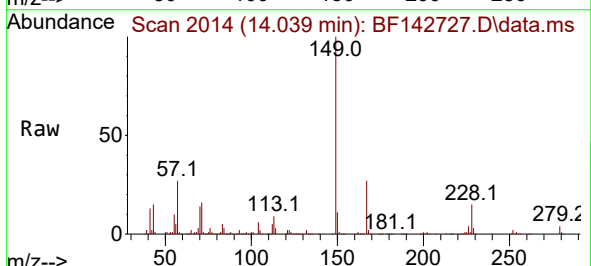
Tgt Ion:149 Resp: 282460

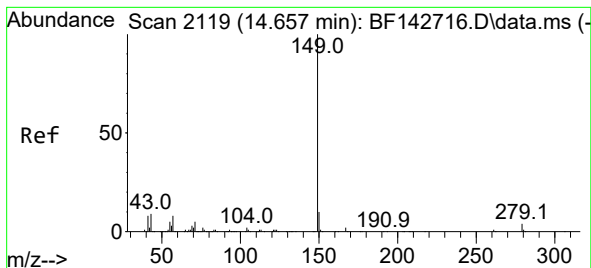
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.2

279 4.0 3.0 4.4





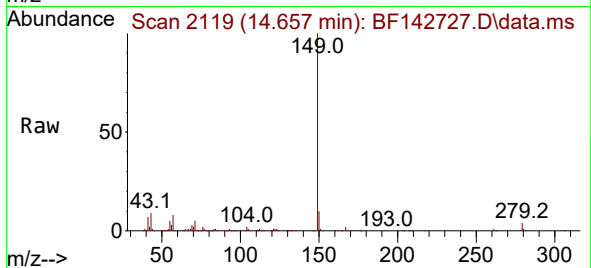
#85
Di-n-octyl phthalate
Concen: 44.480 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

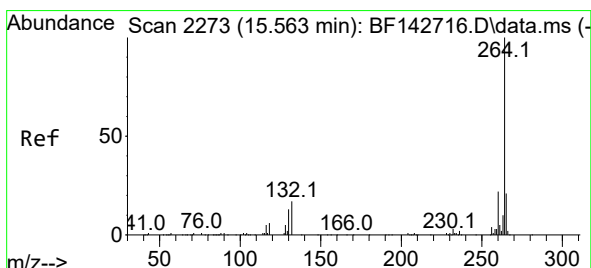
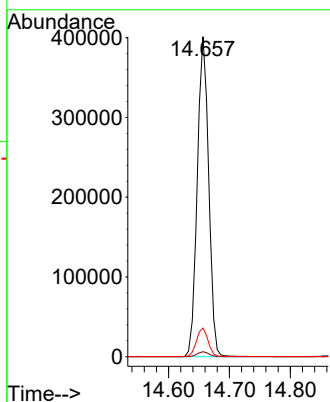
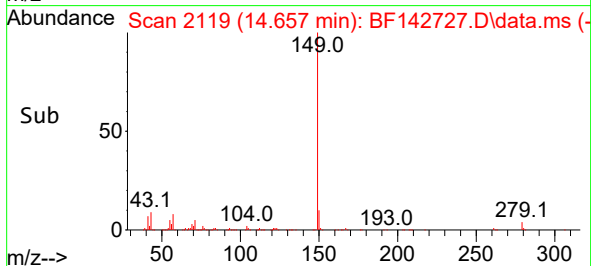


Tgt Ion:149 Resp: 520093
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 7.3 10.9

Manual Integrations

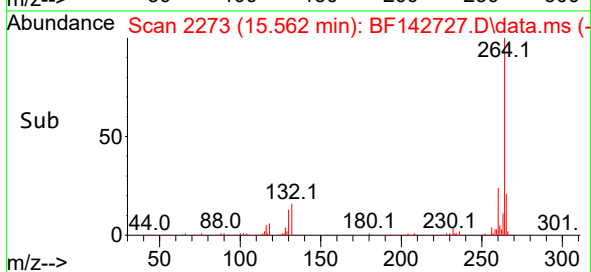
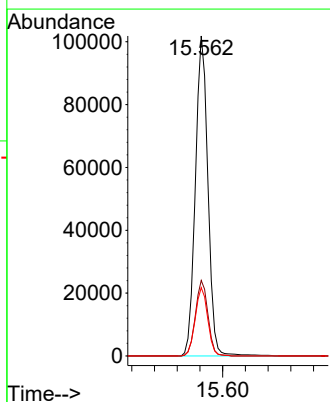
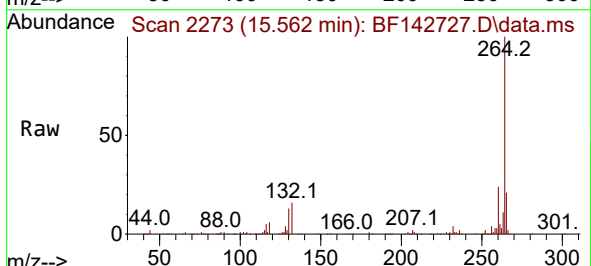
APPROVED

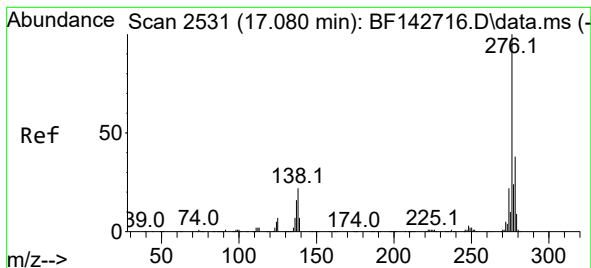
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Tgt Ion:264 Resp: 156697
Ion Ratio Lower Upper
264 100
260 23.6 17.8 26.6
265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.988 ng

RT: 17.086 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF142727.D

Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

Tgt Ion:276 Resp: 52240

Ion Ratio Lower Upper

276 100

138 24.2 19.3 28.9

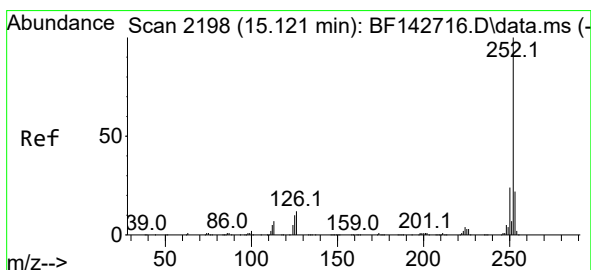
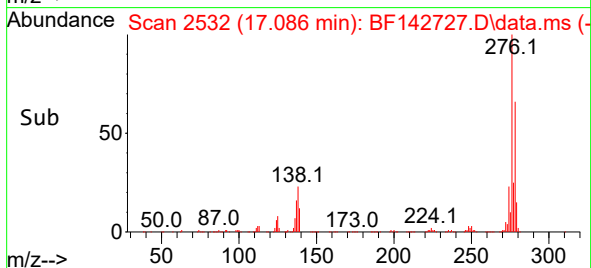
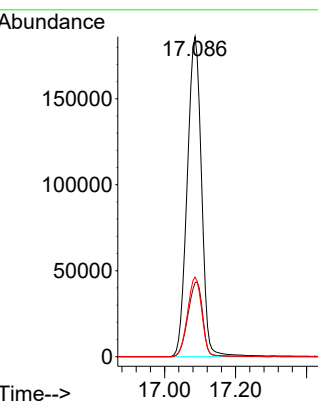
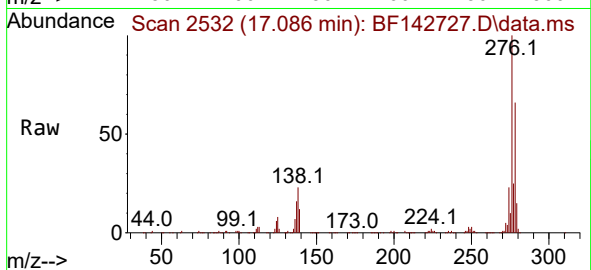
277 24.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#88

Benzo(b)fluoranthene

Concen: 48.804 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF142727.D

Acq: 11 Jun 2025 11:21

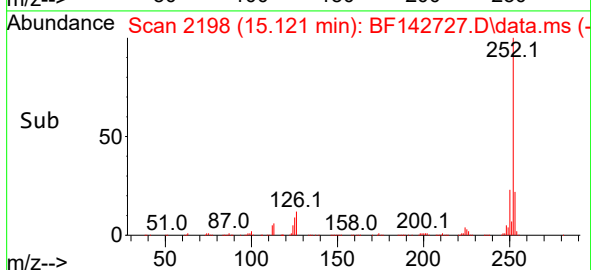
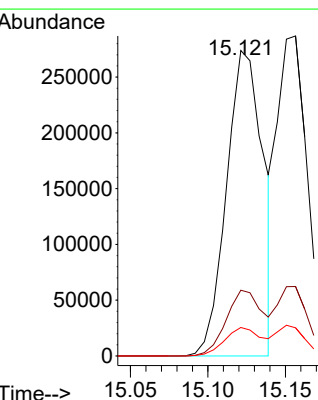
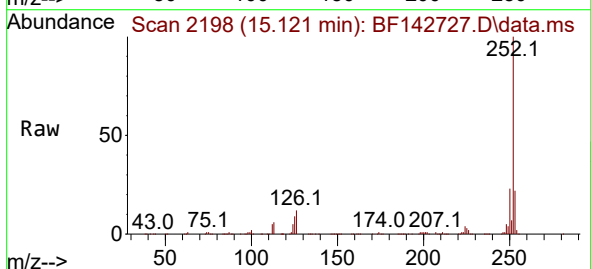
Tgt Ion:252 Resp: 450291

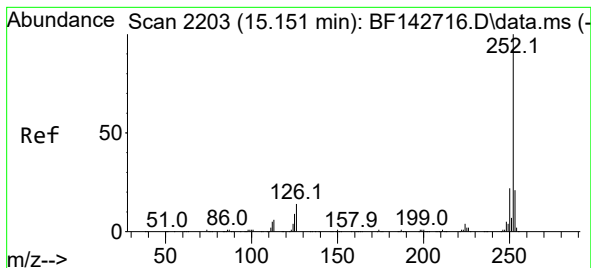
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 9.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 44.074 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142727.D

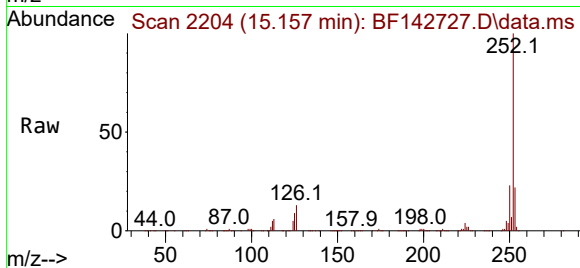
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS



Tgt Ion:252 Resp: 394562

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

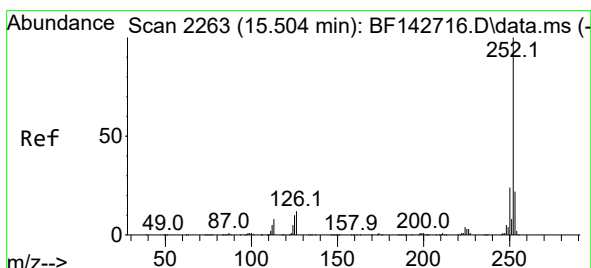
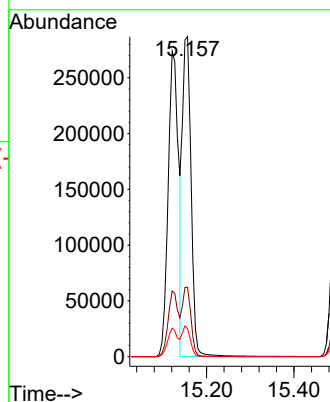
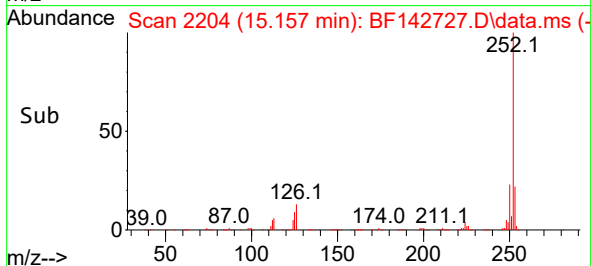
125 8.8 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#90

Benzo(a)pyrene

Concen: 46.669 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF142727.D

Acq: 11 Jun 2025 11:21

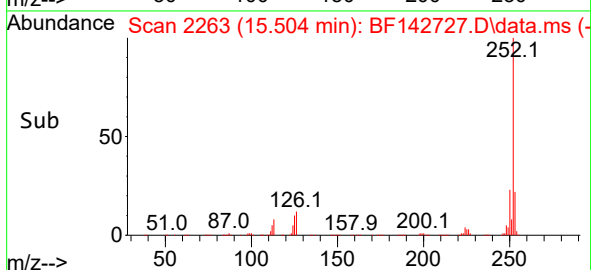
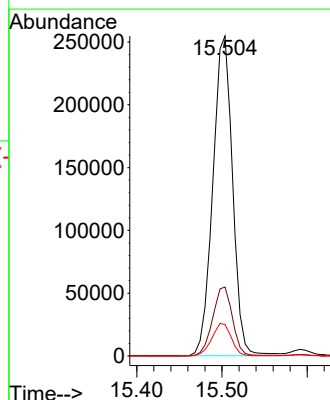
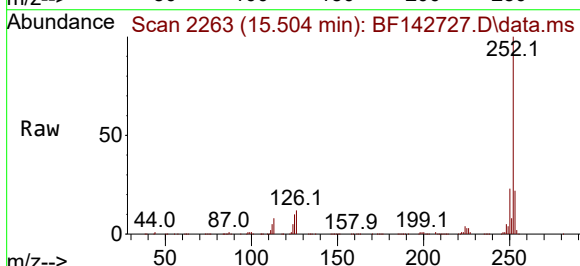
Tgt Ion:252 Resp: 409410

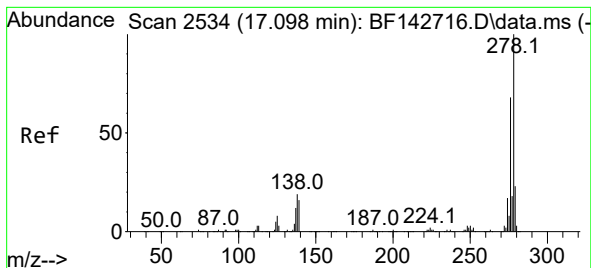
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.9 8.0 12.0





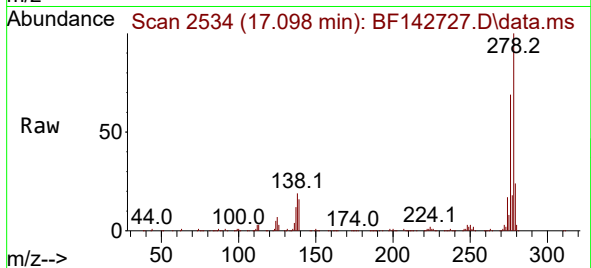
#91
Dibenzo(a,h)anthracene
Concen: 45.131 ng
RT: 17.098 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB168285BS

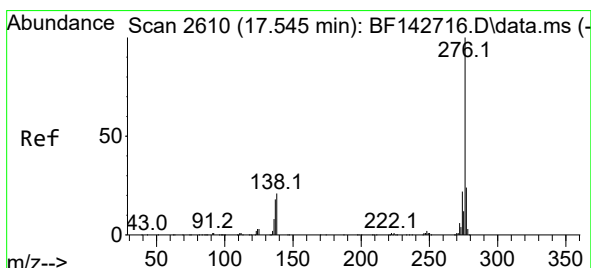
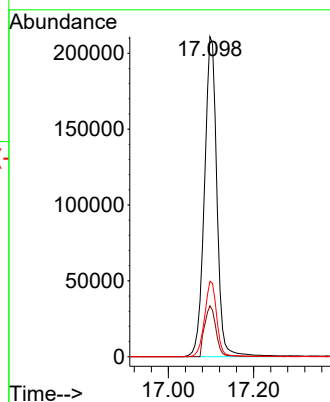
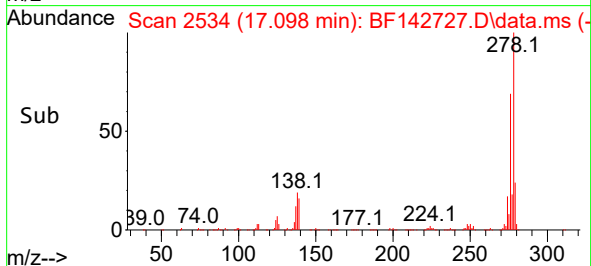


Tgt Ion:278 Resp: 427909
Ion Ratio Lower Upper
278 100
139 15.8 12.8 19.2
279 23.6 18.7 28.1

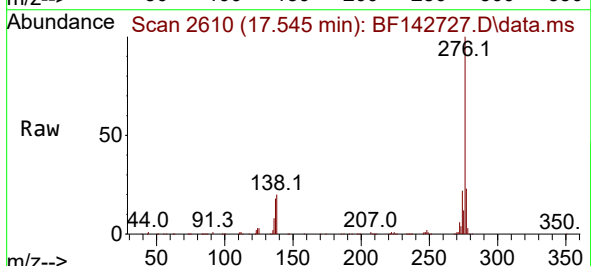
Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#92
Benzo(g,h,i)perylene
Concen: 44.141 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF142727.D
Acq: 11 Jun 2025 11:21



Tgt Ion:276 Resp: 416187
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.4 16.4 24.6

